Aug 27, 2008

Conestoga, Rovers & Associates
2055 Niagara Falls Blvd.
Suite 3
Niagara Falls, NY 14304

Attention: Ms. Susan Scrocchi

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. X765 - GM Wilmington-17338

Dear Ms. Scrocchi:

Enclosed are the results you requested for the following sample(s) received at our laboratory on August 4, 2008.

Lab No.	Client ID	Analysis Required
940028	GW-17338-080408-01	TCL VOA+10 TCL BNA+20 TAL Metals
940029	GW-17338-080408-02	TCL VOA+10 TCL BNA+20 TAL Metals
940030	GW-17338-080408-03	TCL VOA+10 TCL BNA+20 TAL Metals
940031	GW-17338-080408-04	TCL VOA+10 TCL BNA+20 TAL Metals
940032	GW-17338-080408-05	TCL VOA+10 TCL BNA+20 TAL Metals
940033	GW-17338-080408-06	TCL VOA+10 TCL BNA+20 TAL Metals
940034	GW-17338-080408-TB	TCL VOA+10
940360	GW-17338-080508-07	TCL VOA+10 TCL BNA+20 TAL Metals

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. X765 - GM Wilmington-17338 (cont'd)

Lab No.	Client ID	Analysis Required
940361	GW-17338-080508-08	TCL VOA+10 TCL BNA+20 TAL Metals
940362	GW-17338-080508-09	TCL VOA+10 TCL BNA+20 TAL Metals
940363	GW-17338-080508-10	TCL VOA+10 TCL BNA+20 TAL Metals
940364	GW-17338-080508-11	TCL VOA+10 TCL BNA+20 TAL Metals
940365	GW-17338-080508-12	TCL VOA+10 TCL BNA+20 TAL Metals
940366	GW-17338-080508-13	TCL VOA+10 TCL BNA+20 TAL Metals
940367	GW-17338-080508-14	TCL VOA+10 TCL BNA+20 TAL Metals
940368	GW-17338-080508-15	TCL VOA+10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. X765 - GM Wilmington-17338 (cont'd)

Lab No.	Client ID	Analysis Required
		TCL BNA+20
		TAL Metals
940369	GW-17338-080508-16	TCL VOA+10
		TCL BNA+20
		TAL Metals
940370	GW-17338-080508-TB	TCL VOA+10

This report is not to be reproduced, except in full, without the written approval of the laboratory.

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Joy Kelly
Project Manager

Analytical Results Summary **1**

General Information **128**
Chain of Custody 128
Laboratory Chronicles 130
Methodology Review 149
Data Reporting Qualifiers 153
Non-Conformance Summary 156

GC/MS Forms and Data (Volatiles) **159**
Results Summary and Chromatograms 159
Tuning Results Summary 466
Method Blank Results Summary 487
Calibration Summary 512
Surrogate Compound Recovery Summary 656
Spike Recovery Summary 659
Internal Standard Area and RT Summary 693
Injection Log Book 697

GC/MS Forms and Data (Semivolatiles) **707**
Results Summary and Chromatograms 707
Tuning Results Summary 1084
Method Blank Results Summary 1098
Calibration Summary 1115
Surrogate Compound Recovery Summary 1219
Spike Recovery Summary 1221
Internal Standard Area and RT Summary 1236
Injection Log Book 1241

Metals Forms and Data **1249**
Analytical Results Summary 1249
Blank Results Summary 1266
Calibration Summary 1273
ICP Interference Check Results Summary 1282
Spike Sample Recovery Summary 1286
Sample and MS Duplicate Results Summary 1291
Laboratory Control Samples Results Summary 1296
Serial Dilution Summary 1299
Analysis Run Log 1303
Raw Data 1313

This is the Last Page of the Document **1572**

Analytical Results Summary

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02169.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	3.9J	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02169.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02169.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 0.0

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02170.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	1.2	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	4.6J	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02170.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	4.5J	5.0
Cyclohexane	0.9J	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	0.6J	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	2.4J	5.0

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02170.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Indane	10.34	82	
2.	Diethylbenzene isomer	10.39	23	
3.	Ethyldimethylbenzene isomer	10.69	17	
4.	C10H12 Aromatic	10.76	7.2	
5.	Tetramethylbenzene isomer	10.98	15	
6.	C10H12 Aromatic	11.30	36	
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	180

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02171.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02171.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	0.2J	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02171.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02375.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	50
Bromomethane	ND	50
Vinyl Chloride	ND	50
Chloroethane	ND	50
Methylene Chloride	ND	30
Acetone	ND	50
Carbon Disulfide	ND	50
Trichlorofluoromethane	ND	50
1,1-Dichloroethene	ND	20
1,1-Dichloroethane	ND	50
trans-1,2-Dichloroethene	ND	50
cis-1,2-Dichloroethene	ND	50
Chloroform	ND	50
1,2-Dichloroethane	ND	20
2-Butanone	ND	50
1,1,1-Trichloroethane	ND	50
Carbon Tetrachloride	ND	20
Bromodichloromethane	ND	10
1,2-Dichloropropane	ND	10
cis-1,3-Dichloropropene	ND	50
Trichloroethene	ND	10
Dibromochloromethane	ND	50
1,1,2-Trichloroethane	ND	30
Benzene	14	10
trans-1,3-Dichloropropene	ND	50
Bromoform	ND	40
4-Methyl-2-Pentanone	ND	50
2-Hexanone	ND	50
Tetrachloroethene	ND	10
1,1,2,2-Tetrachloroethane	ND	10
Toluene	*	50
Chlorobenzene	ND	50
Ethylbenzene	550	40
Styrene	ND	50

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02375.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	3200	50
Freon TF	ND	50
MTBE	17 J	50
Cyclohexane	13 J	50
1,2-Dibromoethane	ND	50
1,3-Dichlorobenzene	ND	50
1,4-Dichlorobenzene	ND	50
1,2-Dichlorobenzene	ND	50
Dichlorodifluoromethane	ND	50
1,2,4-Trichlorobenzene	ND	50
1,2-Dibromo-3-chloropropane	ND	50
Isopropylbenzene	9.0J	50
Methyl Acetate	ND	50
Methyl Cyclohexane	95	50

* see dilution

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02375.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Trimethylbenzene isomer	10.24	450	
2. Indane	10.34	570	
3. Ethyldimethylbenzene isomer	10.40	530	
4. Ethyldimethylbenzene isomer	10.61	370	
5. Ethyldimethylbenzene isomer	10.68	680	
6. Ethyldimethylbenzene isomer	10.91	190	
7. Ethyldimethylbenzene isomer	10.97	530	
8. Tetramethylbenzene isomer	11.01	820	
9. Unknown	11.29	840	
10. Naphthalene	11.89	2700	
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	7680

Client ID: **080408-04D1**
Site: GM Wilmington-17338

Lab Sample No: **940031D1**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02222.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 100.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	7500	500

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02220.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	6.9	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02220.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	0.3J	5.0
Freon TF	ND	5.0
MTBE	4.2J	5.0
Cyclohexane	36	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	18	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	13	5.0

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02220.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	C5H12 Alkane	1.74	14	
2.	C6H14 Alkane	2.52	9.6	
3.	Diisopropyl ether	3.23	6.7	
4.	C6H12 Cycloalkane	3.36	6.4	
5.	Benzene, propyl-	9.47	6.9	
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 44

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02376.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	2.5J	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	0.6J	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	0.8J	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	*	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	12	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	*	4.0
Styrene	ND	5.0

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02376.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	*	5.0
Freon TF	ND	5.0
MTBE	56	5.0
Cyclohexane	16	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	120	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	33	5.0

* see dilution

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02376.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Diisopropyl ether	3.22	38	
2.	Benzene, propyl-	9.46	74	
3.	Trimethylbenzene isomer	9.91	33	
4.	Trimethylbenzene isomer	10.24	21	
5.	Indane	10.34	46	
6.	Ethyldimethylbenzene isomer	10.68	46	
7.	Tetramethylbenzene isomer	10.97	35	
8.	Tetramethylbenzene isomer	11.01	44	
9.	Unknown Aromatic	11.29	56	
10.	Naphthalene	11.89	95	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	488

Client ID: **080408-06D1**
Site: GM Wilmington-17338

Lab Sample No: **940033D1**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02221.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Benzene	400	5.0
Ethylbenzene	250	20
Xylene (Total)	1000	25

Client ID: **080408-TB**
Site: GM Wilmington-17338

Lab Sample No: **940034**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02219.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	6.8	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-TB**
Site: GM Wilmington-17338

Lab Sample No: **940034**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02219.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080408-TB**
Site: GM Wilmington-17338

Lab Sample No: **940034**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02219.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION | 0.0

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02377.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 250.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1200
Bromomethane	ND	1200
Vinyl Chloride	ND	1200
Chloroethane	ND	1200
Methylene Chloride	ND	750
Acetone	*	1200
Carbon Disulfide	ND	1200
Trichlorofluoromethane	ND	1200
1,1-Dichloroethene	ND	500
1,1-Dichloroethane	ND	1200
trans-1,2-Dichloroethene	ND	1200
cis-1,2-Dichloroethene	ND	1200
Chloroform	ND	1200
1,2-Dichloroethane	ND	500
2-Butanone	ND	1200
1,1,1-Trichloroethane	ND	1200
Carbon Tetrachloride	ND	500
Bromodichloromethane	ND	250
1,2-Dichloropropane	ND	250
cis-1,3-Dichloropropene	ND	1200
Trichloroethene	ND	250
Dibromochloromethane	ND	1200
1,1,2-Trichloroethane	ND	750
Benzene	960	250
trans-1,3-Dichloropropene	ND	1200
Bromoform	ND	1000
4-Methyl-2-Pentanone	540 J	1200
2-Hexanone	ND	1200
Tetrachloroethene	ND	250
1,1,2,2-Tetrachloroethane	ND	250
Toluene	*	1200
Chlorobenzene	ND	1200
Ethylbenzene	18000	1000
Styrene	ND	1200

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02377.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 250.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	30000	1200
Freon TF	ND	1200
MTBE	530 J	1200
Cyclohexane	ND	1200
1,2-Dibromoethane	ND	1200
1,3-Dichlorobenzene	ND	1200
1,4-Dichlorobenzene	ND	1200
1,2-Dichlorobenzene	ND	1200
Dichlorodifluoromethane	ND	1200
1,2,4-Trichlorobenzene	ND	1200
1,2-Dibromo-3-chloropropane	ND	1200
Isopropylbenzene	ND	1200
Methyl Acetate	ND	1200
Methyl Cyclohexane	ND	1200

* see dilution

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02377.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 250.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **080508-07D1**
Site: GM Wilmington-17338

Lab Sample No: **940360D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02176.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2500.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Acetone	220000	12000
Toluene	190000	12000

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02378.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	25
Bromomethane	ND	25
Vinyl Chloride	ND	25
Chloroethane	ND	25
Methylene Chloride	ND	15
Acetone	39	25
Carbon Disulfide	ND	25
Trichlorofluoromethane	ND	25
1,1-Dichloroethene	ND	10
1,1-Dichloroethane	ND	25
trans-1,2-Dichloroethene	ND	25
cis-1,2-Dichloroethene	0.9J	25
Chloroform	ND	25
1,2-Dichloroethane	ND	10
2-Butanone	9.6J	25
1,1,1-Trichloroethane	ND	25
Carbon Tetrachloride	ND	10
Bromodichloromethane	ND	5.0
1,2-Dichloropropane	ND	5.0
cis-1,3-Dichloropropene	ND	25
Trichloroethene	ND	5.0
Dibromochloromethane	ND	25
1,1,2-Trichloroethane	ND	15
Benzene	330	5.0
trans-1,3-Dichloropropene	ND	25
Bromoform	ND	20
4-Methyl-2-Pentanone	ND	25
2-Hexanone	ND	25
Tetrachloroethene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
Toluene	690	25
Chlorobenzene	ND	25
Ethylbenzene	*	20
Styrene	ND	25

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02378.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	*	25
Freon TF	ND	25
MTBE	530	25
Cyclohexane	4.7J	25
1,2-Dibromoethane	ND	25
1,3-Dichlorobenzene	ND	25
1,4-Dichlorobenzene	ND	25
1,2-Dichlorobenzene	ND	25
Dichlorodifluoromethane	ND	25
1,2,4-Trichlorobenzene	ND	25
1,2-Dibromo-3-chloropropane	ND	25
Isopropylbenzene	4.9J	25
Methyl Acetate	ND	25
Methyl Cyclohexane	1.8J	25

* see dilution

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02378.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **080508-08D1**
Site: GM Wilmington-17338

Lab Sample No: **940361D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02223.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 25.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Ethylbenzene	3100	100
Xylene (Total)	7000	120

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02379.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	4.9	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	*	5.0
Chlorobenzene	0.4J	5.0
Ethylbenzene	140	4.0
Styrene	ND	5.0

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02379.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	270	5.0
Freon TF	ND	5.0
MTBE	2.2J	5.0
Cyclohexane	0.5J	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	4.6J	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	1.0J	5.0

* see dilution

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02379.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Diisopropyl ether	3.22	13	
2.	Indane	10.34	7.4	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 20

Client ID: **080508-09D1**
Site: GM Wilmington-17338

Lab Sample No: **940362D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02178.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	390	25

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02380.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	3.5	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	*	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	91	4.0
Styrene	ND	5.0

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02380.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	190	5.0
Freon TF	ND	5.0
MTBE	2.0J	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	4.0J	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	0.3J	5.0

* see dilution

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02380.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Diisopropyl ether	3.22	12	
2.	Indane	10.34	6.6	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	19

Client ID: **080508-10D1**
Site: GM Wilmington-17338

Lab Sample No: **940363D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02225.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	610	25

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02381.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	4.0	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	*	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	140	4.0
Styrene	ND	5.0

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02381.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	410	5.0
Freon TF	ND	5.0
MTBE	0.3J	5.0
Cyclohexane	5.0	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	130	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	9.7	5.0

* see dilution

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02381.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Benzene, propyl-	9.46	210	
2.	Unknown Aromatic	10.34	280	
3.	Diethylbenzene isomer	10.39	43	
4.	Ethyldimethylbenzene isomer	10.68	88	
5.	C10H12 Aromatic	10.75	19	
6.	Tetramethylbenzene isomer	10.97	60	
7.	Unknown Aromatic	11.02	9.0	
8.	2,3-dihydro-methyl-1H-Indene isomer	11.16	38	
9.	Unknown Aromatic	11.29	180	
10.	Naphthalene	11.89	12	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	939

Client ID: **080508-11D1**
Site: GM Wilmington-17338

Lab Sample No: **940364D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02180.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	720	25

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02388.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	1.7	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	*	5.0
Chlorobenzene	*	5.0
Ethylbenzene	92	4.0
Styrene	ND	5.0

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02388.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	150	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	0.4J	5.0
1,4-Dichlorobenzene	1.7J	5.0
1,2-Dichlorobenzene	0.6J	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	0.5J	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

* see dilution

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02388.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **080508-12D1**
Site: GM Wilmington-17338

Lab Sample No: **940365D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02181.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	670	25
Chlorobenzene	330	25

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02182.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	4.2	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	57	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	54	4.0
Styrene	ND	5.0

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02182.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	300	5.0
Freon TF	ND	5.0
MTBE	0.5J	5.0
Cyclohexane	20	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	130	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	40	5.0

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02182.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Diisopropyl ether	3.23	45	
2. C8H16 Cycloalkane	6.28	7.8	
3. Benzene, propyl-	9.46	65	
4. Indane	10.34	23	
5. Ethyldimethylbenzene isomer	10.69	23	
6. Unknown Aromatic	10.76	13	
7. Tetramethylbenzene isomer	10.98	14	
8. 2,3-dihydro-methyl-1H-Indene isomer	11.30	31	
9. Coeluting Aromatics	11.64	8.8	
10. Naphthalene	11.90	8.2	
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	239

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02183.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	5.0	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02183.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02183.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02184.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl Chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	ND	6.0
Acetone	ND	10
Carbon Disulfide	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	4.0
1,1-Dichloroethane	ND	10
trans-1,2-Dichloroethene	ND	10
cis-1,2-Dichloroethene	ND	10
Chloroform	ND	10
1,2-Dichloroethane	ND	4.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	10
Carbon Tetrachloride	ND	4.0
Bromodichloromethane	ND	2.0
1,2-Dichloropropane	ND	2.0
cis-1,3-Dichloropropene	ND	10
Trichloroethene	ND	2.0
Dibromochloromethane	ND	10
1,1,2-Trichloroethane	ND	6.0
Benzene	ND	2.0
trans-1,3-Dichloropropene	ND	10
Bromoform	ND	8.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	2.0
1,1,2,2-Tetrachloroethane	ND	2.0
Toluene	120	10
Chlorobenzene	ND	10
Ethylbenzene	17	8.0
Styrene	ND	10

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02184.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	23	10
Freon TF	ND	10
MTBE	ND	10
Cyclohexane	ND	10
1,2-Dibromoethane	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10
Dichlorodifluoromethane	ND	10
1,2,4-Trichlorobenzene	ND	10
1,2-Dibromo-3-chloropropane	ND	10
Isopropylbenzene	ND	10
Methyl Acetate	ND	10
Methyl Cyclohexane	ND	10

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02184.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02185.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	100	5.0
Chlorobenzene	0.8J	5.0
Ethylbenzene	23	4.0
Styrene	ND	5.0

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02185.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	41	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	0.4J	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02185.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 0.0

Client ID: **080508-TB**
Site: GM Wilmington-17338

Lab Sample No: **940370**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02168.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	7.1	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080508-TB**
Site: GM Wilmington-17338

Lab Sample No: **940370**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02168.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080508-TB**
Site: GM Wilmington-17338

Lab Sample No: **940370**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02168.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5803.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5803.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5803.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5804.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	0.3J	10
Dibenzofuran	ND	10

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5804.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5804.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	2-Hexanol	3.32	31	
2.	Indane	6.02	27	
3.	Diethylbenzene isomer	6.11	9.9	
4.	Ethyldimethylbenzene isomer	6.35	11	
5.	C10H12 Aromatic	6.87	11	
6.	Hexadecanoic acid, butyl ester	11.70	15	
7.	Phenol, 4,4'-(1-methylethylidene)bis-	11.92	160	
8.	Octadecanoic acid, butyl ester	12.41	12	
9.	Unknown	15.03	14	
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 291

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5805.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5805.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5805.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5806.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 10.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	100
2-Chlorophenol	ND	100
2-Methylphenol	ND	100
4-Methylphenol	17 J	100
2-Nitrophenol	ND	100
2,4-Dimethylphenol	ND	100
2,4-Dichlorophenol	ND	100
4-Chloro-3-methylphenol	ND	100
2,4,6-Trichlorophenol	ND	100
2,4,5-Trichlorophenol	ND	100
2,4-Dinitrophenol	ND	310
4-Nitrophenol	ND	310
4,6-Dinitro-2-methylphenol	ND	310
Pentachlorophenol	ND	310
bis(2-Chloroethyl)ether	ND	10
bis(2-chloroisopropyl)ether	ND	100
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	100
bis(2-Chloroethoxy)methane	ND	100
Naphthalene	1800	100
4-Chloroaniline	ND	100
Hexachlorobutadiene	ND	20
2-Methylnaphthalene	37 J	100
Hexachlorocyclopentadiene	ND	100
2-Chloronaphthalene	ND	100
2-Nitroaniline	ND	200
Dimethylphthalate	ND	100
Acenaphthylene	ND	100
2,6-Dinitrotoluene	ND	20
3-Nitroaniline	ND	200
Acenaphthene	ND	100
Dibenzofuran	ND	100

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5806.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 10.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	20
Diethylphthalate	ND	100
4-Chlorophenyl-phenylether	ND	100
Fluorene	ND	100
4-Nitroaniline	ND	200
N-Nitrosodiphenylamine	ND	100
4-Bromophenyl-phenylether	ND	100
Hexachlorobenzene	ND	10
Phenanthrene	ND	100
Anthracene	ND	100
Carbazole	ND	100
Di-n-butylphthalate	ND	100
Fluoranthene	ND	100
Pyrene	ND	100
Butylbenzylphthalate	ND	100
3,3'-Dichlorobenzidine	ND	200
Benzo(a)anthracene	ND	10
Chrysene	ND	100
bis(2-Ethylhexyl)phthalate	ND	100
Di-n-octylphthalate	ND	100
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	100
Diphenyl	ND	100
Acetophenone	110	100
Benzaldehyde	ND	100
Caprolactam	ND	100
Atrazine	ND	100

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5806.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 10.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.48	2300	
2.	Ethylbenzene	4.42	270	
3.	Xylene isomer	4.49	1100	
4.	Xylene isomer	4.73	410	
5.	Trimethylbenzene isomer	5.62	87	
6.	Trimethylbenzene isomer	5.88	210	
7.	Methylpropylbenzene isomer	6.07	170	
8.	Ethyldimethylbenzene isomer	6.12	310	
9.	Ethyldimethylbenzene isomer	6.28	410	
10.	Unknown	6.29	220	
11.	Ethyldimethylbenzene isomer	6.35	380	
12.	Ethyldimethylbenzene isomer	6.59	200	
13.	Ethyldimethylbenzene isomer	6.62	300	
14.	C10H12 Aromatic	6.79	110	
15.	C10H12 Aromatic	6.87	310	
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 6787

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5807.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5807.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5807.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Benzene, (1-methylethyl)-	5.01	8.4	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	8.4

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5808.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	2.5J	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	52	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	1.4J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5808.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	1.6J	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5808.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Ethylbenzene	4.42	28	
2. Xylene isomer	4.50	460	
3. Ethylmethylbenzene isomer	5.01	46	
4. Benzene, propyl-	5.28	26	
5. Unknown	5.90	100	
6. Ethyldimethylbenzene isomer	6.35	200	
7. Unknown	6.43	99	
8. Tetramethylbenzene isomer	6.59	13	
9. Ethyldimethylbenzene isomer	6.62	15	
10. Ethyldimethylbenzene isomer	6.87	27	
11. Unknown	7.26	18	
12. Unknown	8.16	280	
13. Dimethyl benzoic acid isomer	8.35	12	
14. Trimethyl benzoic acid isomer	8.44	38	
15. Unknown	8.50	20	
16. Trimethyl benzoic acid isomer	8.57	50	
17. Unknown	8.68	14	
18. Trimethyl benzoic acid isomer	8.80	85	
19. Unknown	8.99	12	
20. Unknown	9.07	13	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	1556

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5843.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	11 J	20
2-Chlorophenol	ND	20
2-Methylphenol	71	20
4-Methylphenol	360	20
2-Nitrophenol	ND	20
2,4-Dimethylphenol	180	20
2,4-Dichlorophenol	ND	20
4-Chloro-3-methylphenol	ND	20
2,4,6-Trichlorophenol	ND	20
2,4,5-Trichlorophenol	ND	20
2,4-Dinitrophenol	ND	61
4-Nitrophenol	ND	61
4,6-Dinitro-2-methylphenol	ND	61
Pentachlorophenol	ND	61
bis(2-Chloroethyl)ether	ND	2.0
bis(2-chloroisopropyl)ether	ND	20
N-Nitroso-di-n-propylamine	ND	2.0
Hexachloroethane	ND	2.0
Nitrobenzene	ND	2.0
Isophorone	ND	20
bis(2-Chloroethoxy)methane	ND	20
Naphthalene	ND	20
4-Chloroaniline	ND	20
Hexachlorobutadiene	ND	4.0
2-Methylnaphthalene	ND	20
Hexachlorocyclopentadiene	ND	20
2-Chloronaphthalene	ND	20
2-Nitroaniline	ND	40
Dimethylphthalate	ND	20
Acenaphthylene	ND	20
2,6-Dinitrotoluene	ND	4.0
3-Nitroaniline	ND	40
Acenaphthene	ND	20
Dibenzofuran	ND	20

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5843.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	4.0
Diethylphthalate	ND	20
4-Chlorophenyl-phenylether	ND	20
Fluorene	ND	20
4-Nitroaniline	ND	40
N-Nitrosodiphenylamine	ND	20
4-Bromophenyl-phenylether	ND	20
Hexachlorobenzene	ND	2.0
Phenanthrene	ND	20
Anthracene	ND	20
Carbazole	ND	20
Di-n-butylphthalate	ND	20
Fluoranthene	ND	20
Pyrene	ND	20
Butylbenzylphthalate	ND	20
3,3'-Dichlorobenzidine	ND	40
Benzo(a)anthracene	ND	2.0
Chrysene	ND	20
bis(2-Ethylhexyl)phthalate	ND	20
Di-n-octylphthalate	ND	20
Benzo(b)fluoranthene	ND	2.0
Benzo(k)fluoranthene	ND	2.0
Benzo(a)pyrene	ND	2.0
Indeno(1,2,3-cd)pyrene	ND	2.0
Dibenz(a,h)anthracene	ND	2.0
Benzo(g,h,i)perylene	ND	20
Diphenyl	ND	20
Acetophenone	6.9J	20
Benzaldehyde	ND	20
Caprolactam	ND	20
Atrazine	ND	20

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5843.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Methyl Isobutyl Ketone	3.15	230	
2. 2-Pentanol, 4-methyl-	3.32	120	
3. Toluene	3.43	13000	
4. Butanoic acid	3.82	400	
5. Unknown	4.12	160	
6. Ethylbenzene	4.39	5200	
7. Xylene isomer	4.48	5400	
8. Xylene isomer	4.69	3400	
9. Hexanoic acid	5.45	290	
10. Unknown Organic Acid	5.48	150	
11. Unknown	6.12	270	
12. Unknown	6.37	480	
13. Unknown	6.74	38	
14. Unknown	6.79	120	
15. Dimethylphenol isomer	6.88	42	
16. Unknown	7.24	86	
17. Benzeneacetic acid	7.36	250	
18. Methylbenzoic acid isomer	7.45	52	
19. Methylbenzoic acid isomer	7.52	84	
20. 1H-Inden-1-one, 2,3-dihydro-	7.68	69	
21. Unknown	7.89	33	
22. Unknown	8.25	7900	
23. Unknown	8.52	41	
24. Unknown	8.55	40	
25. Unknown	8.66	31	
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	37886

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5844.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	21
2-Chlorophenol	ND	21
2-Methylphenol	ND	21
4-Methylphenol	6.6J	21
2-Nitrophenol	ND	21
2,4-Dimethylphenol	22	21
2,4-Dichlorophenol	ND	21
4-Chloro-3-methylphenol	ND	21
2,4,6-Trichlorophenol	ND	21
2,4,5-Trichlorophenol	ND	21
2,4-Dinitrophenol	ND	63
4-Nitrophenol	ND	63
4,6-Dinitro-2-methylphenol	ND	63
Pentachlorophenol	ND	63
bis(2-Chloroethyl)ether	ND	2.1
bis(2-chloroisopropyl)ether	ND	21
N-Nitroso-di-n-propylamine	ND	2.1
Hexachloroethane	ND	2.1
Nitrobenzene	ND	2.1
Isophorone	ND	21
bis(2-Chloroethoxy)methane	ND	21
Naphthalene	2.4J	21
4-Chloroaniline	ND	21
Hexachlorobutadiene	ND	4.2
2-Methylnaphthalene	ND	21
Hexachlorocyclopentadiene	ND	21
2-Chloronaphthalene	ND	21
2-Nitroaniline	ND	42
Dimethylphthalate	ND	21
Acenaphthylene	ND	21
2,6-Dinitrotoluene	ND	4.2
3-Nitroaniline	ND	42
Acenaphthene	ND	21
Dibenzofuran	ND	21

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5844.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	4.2
Diethylphthalate	ND	21
4-Chlorophenyl-phenylether	ND	21
Fluorene	ND	21
4-Nitroaniline	ND	42
N-Nitrosodiphenylamine	ND	21
4-Bromophenyl-phenylether	ND	21
Hexachlorobenzene	ND	2.1
Phenanthrene	ND	21
Anthracene	ND	21
Carbazole	ND	21
Di-n-butylphthalate	ND	21
Fluoranthene	ND	21
Pyrene	ND	21
Butylbenzylphthalate	ND	21
3,3'-Dichlorobenzidine	ND	42
Benzo(a)anthracene	ND	2.1
Chrysene	ND	21
bis(2-Ethylhexyl)phthalate	ND	21
Di-n-octylphthalate	ND	21
Benzo(b)fluoranthene	ND	2.1
Benzo(k)fluoranthene	ND	2.1
Benzo(a)pyrene	ND	2.1
Indeno(1,2,3-cd)pyrene	ND	2.1
Dibenz(a,h)anthracene	ND	2.1
Benzo(g,h,i)perylene	ND	21
Diphenyl	ND	21
Acetophenone	2.1J	21
Benzaldehyde	ND	21
Caprolactam	ND	21
Atrazine	ND	21

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5844.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Propanoic acid, 2-methyl-	3.19	37	
2. Toluene	3.39	230	
3. Butanoic acid	3.54	82	
4. Ethylbenzene	4.34	1500	
5. Xylene isomer	4.43	2600	
6. Xylene isomer	4.66	130	
7. Ethanol, 2-butoxy-	4.71	380	
8. Unknown Organic Acid	5.45	390	
9. Unknown	5.81	22	
10. Unknown	6.53	4100	
11. Hexanoic acid, 2-ethyl-	6.56	27	
12. Unknown Organic Acid	6.83	60	
13. Octanoic Acid	6.89	290	
14. Ethanol, 2-(2-butoxyethoxy)-	7.01	1200	
15. Unknown	7.26	280	
16. Unknown	8.26	5300	
17. Unknown	8.78	18	
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		16646	

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5811.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5811.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5811.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.48	94	
2.	Ethylbenzene	4.42	18	
3.	Xylene isomer	4.74	8.9	
4.	Ethane, 1,1'-oxybis[2-ethoxy-]	6.18	17	
5.	Unknown	6.28	24	
6.	Unknown	8.11	100	
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 262

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5812.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	0.3J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5812.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5812.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	3.48	86	
2. Ethylbenzene	4.42	18	
3. Xylene isomer	4.73	8.5	
4. Unknown Alcohol	6.19	18	
5. Unknown	6.28	21	
6. Unknown	8.11	100	
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	252

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5813.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	24	10
4-Methylphenol	2.0J	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	3.0J	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	32
4-Nitrophenol	ND	32
4,6-Dinitro-2-methylphenol	ND	32
Pentachlorophenol	ND	32
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	1.4J	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	0.4J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5813.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	0.6J	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	0.8J	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5813.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.48	110	
2.	Ethylbenzene	4.42	30	
3.	Xylene isomer	4.74	22	
4.	Ethylmethylbenzene isomer	5.01	47	
5.	Benzene, propyl-	5.28	72	
6.	Indane	6.02	100	
7.	Diethylbenzene isomer	6.06	23	
8.	Diethylbenzene isomer	6.11	20	
9.	Ethyldimethylbenzene isomer	6.34	41	
10.	Ethyldimethylbenzene isomer	6.58	17	
11.	C10H12 Aromatic	6.78	12	
12.	C10H12 Aromatic	6.88	53	
13.	1,3,5-Triazine-2,4-diamine, 6-phenyl-	11.38	12	
14.	Phenol, 4,4'-(1-methylethylidene)bis-	11.93	250	
15.	Unknown	15.04	60	
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	869

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5816.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	32
4-Nitrophenol	ND	32
4,6-Dinitro-2-methylphenol	ND	32
Pentachlorophenol	ND	32
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5816.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5816.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Unknown Alcohol	3.32	28	
2.	Toluene	3.48	46	
3.	Benzene, chloro-	4.29	110	
4.	Ethylbenzene	4.42	8.7	
5.	Methylbenzotriazole isomer	9.06	28	
6.	Methylbenzotriazole isomer	9.27	13	
7.	Unknown	11.59	17	
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	251

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5817.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	0.5J	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	3.3J	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	1.6J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5817.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5817.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	3.48	15	
2. Ethylbenzene	4.42	17	
3. Xylene isomer	4.74	9.6	
4. Ethylmethylbenzene isomer	5.02	40	
5. Benzene, propyl-	5.27	17	
6. Ethyldimethylbenzene isomer	6.34	10	
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	109

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5818.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5818.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5818.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5819.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5819.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5819.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.48	41	
2.	Ethylbenzene	4.42	8.4	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 49

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5820.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5820.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5820.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	3.48	35	
2. Ethylbenzene	4.42	10	
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	45

Client ID: **080408-01**
Site: **GM Wilmington-17338**

Lab Sample No: 940028
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	349	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	294	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	15700	74.5		P
Chromium	2.8	2.8	B	P
Cobalt	ND	3.5		P
Copper	ND	3.1		P
Iron	2040	39.7		P
Lead	ND	2.2		P
Magnesium	12600	70.0		P
Manganese	340	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	2650	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	80100	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	7.9	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-02**
Site: **GM Wilmington-17338**

Lab Sample No: 940029
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	387	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	410	1.3		P
Beryllium	ND	0.10		P
Cadmium	0.59	0.50	B	P
Calcium	53500	74.5		P
Chromium	ND	2.8		P
Cobalt	19.0	3.5	B	P
Copper	3.3	3.1	B	P
Iron	67800	39.7		P
Lead	13.7	2.2		P
Magnesium	35300	70.0		P
Manganese	1900	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	3220	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	78500	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-03**
Site: **GM Wilmington-17338**

Lab Sample No: 940030
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1000	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	284	1.3		P
Beryllium	0.13	0.10	B	P
Cadmium	ND	0.50		P
Calcium	52100	74.5		P
Chromium	3.4	2.8	B	P
Cobalt	ND	3.5		P
Copper	ND	3.1		P
Iron	3940	39.7		P
Lead	ND	2.2		P
Magnesium	26000	70.0		P
Manganese	682	2.9		P
Mercury	0.28	0.10		CV
Nickel	ND	3.9		P
Potassium	8580	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	117000	361		P
Thallium	ND	4.8		P
Vanadium	1.7	1.5	B	P
Zinc	8.2	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-04**
Site: **GM Wilmington-17338**

Lab Sample No: 940031
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1550	77.4		P
Antimony	ND	4.9		P
Arsenic	26.5	4.5		P
Barium	183	1.3	B	P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	35000	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	5.7	3.1	B	P
Iron	45000	39.7		P
Lead	8.1	2.2		P
Magnesium	22200	70.0		P
Manganese	532	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	4900	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	68100	361		P
Thallium	ND	4.8		P
Vanadium	2.1	1.5	B	P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-05**
Site: **GM Wilmington-17338**

Lab Sample No: 940032
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	104	77.4	B	P
Antimony	ND	4.9		P
Arsenic	16.5	4.5		P
Barium	586	1.3		P
Beryllium	ND	0.10		P
Cadmium	0.70	0.50	B	P
Calcium	47000	74.5		P
Chromium	ND	2.8		P
Cobalt	3.8	3.5	B	P
Copper	3.8	3.1	B	P
Iron	73500	39.7		P
Lead	12.5	2.2		P
Magnesium	38600	70.0		P
Manganese	1170	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	6010	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	217000	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	6.1	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-06**
Site: **GM Wilmington-17338**

Lab Sample No: 940033
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	2520	77.4		P
Antimony	ND	4.9		P
Arsenic	8.7	4.5		P
Barium	145	1.3	B	P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	31200	74.5		P
Chromium	4.9	2.8	B	P
Cobalt	ND	3.5		P
Copper	5.5	3.1	B	P
Iron	55800	39.7		P
Lead	17.9	2.2		P
Magnesium	32800	70.0		P
Manganese	406	2.9		P
Mercury	ND	0.10		CV
Nickel	4.2	3.9	B	P
Potassium	2570	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	40600	361		P
Thallium	ND	4.8		P
Vanadium	6.1	1.5	B	P
Zinc	11.9	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-07**
Site: **GM Wilmington-17338**

Lab Sample No: 940360
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	150	77.4	B	P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	662	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	101000	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	4.0	3.1	B	P
Iron	260000	79.4		P
Lead	54.1	2.2		P
Magnesium	109000	70.0		P
Manganese	22200	5.8		P
Mercury	0.15	0.10	B	CV
Nickel	ND	3.9		P
Potassium	5070	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	97400	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-08**
Site: **GM Wilmington-17338**

Lab Sample No: 940361
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	4540	77.4		P
Antimony	ND	4.9		P
Arsenic	47.8	4.5		P
Barium	350	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	71500	74.5		P
Chromium	6.1	2.8	B	P
Cobalt	128	3.5		P
Copper	5.4	3.1	B	P
Iron	100000	39.7		P
Lead	20.6	2.2		P
Magnesium	55500	70.0		P
Manganese	968	2.9		P
Mercury	ND	0.10		CV
Nickel	7.2	3.9	B	P
Potassium	4900	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	93200	361		P
Thallium	ND	4.8		P
Vanadium	10.6	1.5	B	P
Zinc	11.3	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-09**
Site: **GM Wilmington-17338**

Lab Sample No: 940362
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	2420	77.4		P
Antimony	ND	4.9		P
Arsenic	4.8	4.5	B	P
Barium	352	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	40000	74.5		P
Chromium	3.5	2.8	B	P
Cobalt	ND	3.5		P
Copper	5.4	3.1	B	P
Iron	33500	39.7		P
Lead	7.2	2.2		P
Magnesium	22900	70.0		P
Manganese	604	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	6200	130		P
Selenium	ND	4.8		P
Silver	7.2	1.2	B	P
Sodium	81600	361		P
Thallium	ND	4.8		P
Vanadium	4.4	1.5	B	P
Zinc	10.4	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-10**
Site: **GM Wilmington-17338**

Lab Sample No: 940363
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	2660	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	375	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	42900	74.5		P
Chromium	3.3	2.8	B	P
Cobalt	ND	3.5		P
Copper	4.0	3.1	B	P
Iron	36500	39.7		P
Lead	7.8	2.2		P
Magnesium	24300	70.0		P
Manganese	640	2.9		P
Mercury	ND	0.10		CV
Nickel	4.3	3.9	B	P
Potassium	6650	130		P
Selenium	ND	4.8		P
Silver	6.3	1.2	B	P
Sodium	85900	361		P
Thallium	ND	4.8		P
Vanadium	5.2	1.5	B	P
Zinc	10.8	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-11**
Site: **GM Wilmington-17338**

Lab Sample No: 940364
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	342	77.4		P
Antimony	ND	4.9		P
Arsenic	11.0	4.5		P
Barium	658	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	74100	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	ND	3.1		P
Iron	23000	39.7		P
Lead	2.3	2.2	B	P
Magnesium	26200	70.0		P
Manganese	939	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	19000	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	203000	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-12**
Site: **GM Wilmington-17338**

Lab Sample No: 940365
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	3710	77.4		P
Antimony	ND	4.9		P
Arsenic	15.0	4.5		P
Barium	313	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	29400	74.5		P
Chromium	4.9	2.8	B	P
Cobalt	17.3	3.5	B	P
Copper	7.6	3.1	B	P
Iron	62500	39.7		P
Lead	13.3	2.2		P
Magnesium	26400	70.0		P
Manganese	2380	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	3440	130	B	P
Selenium	ND	4.8		P
Silver	1.3	1.2	B	P
Sodium	63100	361		P
Thallium	ND	4.8		P
Vanadium	8.8	1.5	B	P
Zinc	6.4	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-13**
Site: **GM Wilmington-17338**

Lab Sample No: 940366
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1330	77.4		P
Antimony	ND	4.9		P
Arsenic	6.4	4.5		P
Barium	452	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	39500	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	3.6	3.1	B	P
Iron	26100	39.7		P
Lead	4.2	2.2	B	P
Magnesium	32000	70.0		P
Manganese	1400	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	5290	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	80300	361		P
Thallium	ND	4.8		P
Vanadium	2.4	1.5	B	P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-14**
Site: **GM Wilmington-17338**

Lab Sample No: 940367
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	ND	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	ND	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	ND	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	ND	3.1		P
Iron	ND	39.7		P
Lead	ND	2.2		P
Magnesium	ND	70.0		P
Manganese	ND	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	ND	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	ND	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-15**
Site: **GM Wilmington-17338**

Lab Sample No: 940368
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1410	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	223	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	70500	74.5		P
Chromium	3.0	2.8	B	P
Cobalt	ND	3.5		P
Copper	3.8	3.1	B	P
Iron	1270	39.7		P
Lead	ND	2.2		P
Magnesium	43300	70.0		P
Manganese	14.7	2.9	B	P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	9780	130		P
Selenium	ND	4.8		P
Silver	1.6	1.2	B	P
Sodium	402000	722		P
Thallium	ND	4.8		P
Vanadium	2.9	1.5	B	P
Zinc	9.5	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-16**
Site: **GM Wilmington-17338**

Lab Sample No: 940369
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	7480	77.4		P
Antimony	ND	4.9		P
Arsenic	7.1	4.5		P
Barium	295	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	42900	74.5		P
Chromium	8.8	2.8	B	P
Cobalt	4.7	3.5	B	P
Copper	6.9	3.1	B	P
Iron	11000	39.7		P
Lead	5.4	2.2		P
Magnesium	12100	70.0		P
Manganese	545	2.9		P
Mercury	ND	0.10		CV
Nickel	4.7	3.9	B	P
Potassium	6640	130		P
Selenium	ND	4.8		P
Silver	2.3	1.2	B	P
Sodium	107000	361		P
Thallium	ND	4.8		P
Vanadium	15.3	1.5	B	P
Zinc	17.1	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

General Information

Chain of Custody

X765

Chain of Custody Record

Temperature on Receipt 2°, 3°, 2° IR Gun

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

L-4124 (1007)

Client: CRA	Project Manager: Greg Carli	Date: 8-5-08	Chain of Custody Number: 076071
Address: 410 Eagleview Blvd. Suite 110	Telephone Number (Area Code)/Fax Number: 905-682-0510	Lab Number:	Page 1 of 1
City: Exton / State: PA / Zip Code: 19341	Site Contact: Mike Wayock	Lab Contact: Joy Kelly	
Project Name and Location (State): GM - Wilmington, DE	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: job X765 / P.O. - 930090			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8260 B	8270 C	TAL metals	Special Instructions/ Conditions of Receipt
GW-17338-080508-07	8-5-08	0850		X			2		1	3			X	X	X	940360
GW-17338-080508-08	8-5-08	0920		X			2		1	3			X	X	X	361
GW-17338-080508-09	8-5-08	1000		X			2		1	3			X	X	X	362
GW-17338-080508-10	8-5-08	1005		X			2		1	3			X	X	X	363
GW-17338-080508-11	8-5-08	1030		X			6		3	9			X	X	X	field duplicate
GW-17338-080508-12	8-5-08	1100		X			2		1	3			X	X	X	MS/MSD 364
GW-17338-080508-13	8-5-08	1210		X			2		1	3			X	X	X	365
GW-17338-080508-14	8-5-08	1130		X			2		1	3			X	X	X	366
GW-17338-080508-15	8-5-08	1230		X			2		1	3			X	X	X	rinse blank 367
GW-17338-080508-16	8-5-08	1345		X			2		1	3			X	X	X	368
trip blank	8-5-08	—		X				(1)		3			X			369
1 case of bottles - HClue 8/26/08 ge																370
																371

Possible Hazard Identification

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time
1. Relinquished By	8-5-08	1430
2. Relinquished By	8/5/08	19:00
3. Relinquished By	8/5/08	19:00

	Date	Time
1. Received By	8-5-08	14:30
2. Received By	8/5/08	19:00
3. Received By	8/5/08	19:00

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Edison

129

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates

VOAMS

WATER - 8260B

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
940028	8/4/2008	8/4/2008			8/7/2008	Tupayachi, Audberto	0231
940029	8/4/2008	8/4/2008			8/7/2008	Tupayachi, Audberto	0231
940030	8/4/2008	8/4/2008			8/7/2008	Tupayachi, Audberto	0231
940031	8/4/2008	8/4/2008			8/8/2008	Martinez, Eddie	0231
940032	8/4/2008	8/4/2008			8/8/2008	Martinez, Eddie	0231
940033	8/4/2008	8/4/2008			8/15/2008	Martinez, Eddie	0307
940034	8/4/2008	8/4/2008			8/8/2008	Martinez, Eddie	0231
940360	8/5/2008	8/5/2008			8/7/2008	Tupayachi, Audberto	0231
940361	8/5/2008	8/5/2008			8/8/2008	Martinez, Eddie	0231
940362	8/5/2008	8/5/2008			8/15/2008	Martinez, Eddie	0307
940363	8/5/2008	8/5/2008			8/8/2008	Martinez, Eddie	0231
940364	8/5/2008	8/5/2008			8/15/2008	Martinez, Eddie	0307
940365	8/5/2008	8/5/2008			8/15/2008	Martinez, Eddie	0307
940366	8/5/2008	8/5/2008			8/7/2008	Tupayachi, Audberto	0231
940367	8/5/2008	8/5/2008			8/7/2008	Tupayachi, Audberto	0231
940368	8/5/2008	8/5/2008			8/15/2008	Pritchard, Barbara	OUT
940369	8/5/2008	8/5/2008			8/7/2008	Tupayachi, Audberto	0231
940370	8/5/2008	8/5/2008			8/7/2008	Tupayachi, Audberto	0231

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates

BNAMS

WATER - 8270C

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
940028	8/4/2008	8/4/2008	8/7/2008	Gayo, Rey	8/10/2008	Zhao,Chunxin	6517
940029	8/4/2008	8/4/2008	8/7/2008	Gayo, Rey	8/10/2008	Zhao,Chunxin	6517
940030	8/4/2008	8/4/2008	8/7/2008	Gayo, Rey	8/10/2008	Zhao,Chunxin	6517
940031	8/4/2008	8/4/2008	8/7/2008	Gayo, Rey	8/10/2008	Zhao,Chunxin	6517
940032	8/4/2008	8/4/2008	8/7/2008	Gayo, Rey	8/10/2008	Zhao,Chunxin	6517
940033	8/4/2008	8/4/2008	8/7/2008	Gayo, Rey	8/10/2008	Zhao,Chunxin	6517
940360	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/12/2008	Szczech, Anna	6517
940361	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/12/2008	Szczech, Anna	6517
940362	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/11/2008	Zhao,Chunxin	6517
940363	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/11/2008	Zhao,Chunxin	6517
940364	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/11/2008	Zhao,Chunxin	6517
940365	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/11/2008	Zhao,Chunxin	6517
940366	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/11/2008	Zhao,Chunxin	6517
940367	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/11/2008	Zhao,Chunxin	6517
940368	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/11/2008	Zhao,Chunxin	6517
940369	8/5/2008	8/5/2008	8/7/2008	Gayo, Rey	8/11/2008	Zhao,Chunxin	6517

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	X765	**Site:**	GM Wilmington-17338
Client:	Conestoga, Rovers & Associates	**Date Sampled:**	8/4/2008
Sample No.:	940028	**Date Received:**	8/4/2008
		Matrix:	WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/6/2008	Sanagavarapu, Suguna	8/6/2008	Staib, Thomas	24944
ALUMINUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ANTIMONY	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ARSENIC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BARIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BERYLLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CADMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CALCIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CHROMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COBALT	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COPPER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
IRON	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
LEAD	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MAGNESIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MANGANESE	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
NICKEL	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
POTASSIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SELENIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SILVER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SODIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
THALLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
VANADIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ZINC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	X765	**Site:**	GM Wilmington-17338
Client:	Conestoga, Rovers & Associates	**Date Sampled:**	8/4/2008
Sample No.:	940029	**Date Received:**	8/4/2008
		Matrix:	WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/6/2008	Sanagavarapu, Suguna	8/6/2008	Staib, Thomas	24944
ALUMINUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ANTIMONY	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ARSENIC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BARIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BERYLLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CADMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CALCIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CHROMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COBALT	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COPPER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
IRON	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
LEAD	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MAGNESIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MANGANESE	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
NICKEL	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
POTASSIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SELENIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SILVER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SODIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
THALLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
VANADIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ZINC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/4/2008

Sample No.: 940030 **Date Received:** 8/4/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/6/2008	Sanagavarapu, Suguna	8/6/2008	Staib, Thomas	24944
ALUMINUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ANTIMONY	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ARSENIC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BARIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BERYLLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CADMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CALCIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CHROMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COBALT	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COPPER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
IRON	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
LEAD	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MAGNESIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MANGANESE	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
NICKEL	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
POTASSIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SELENIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SILVER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SODIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
THALLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
VANADIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ZINC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	X765	**Site:**	GM Wilmington-17338
Client:	Conestoga, Rovers & Associates	**Date Sampled:**	8/4/2008
Sample No.:	940031	**Date Received:**	8/4/2008
		Matrix:	WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/6/2008	Sanagavarapu, Suguna	8/6/2008	Staib, Thomas	24944
ALUMINUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ANTIMONY	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ARSENIC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BARIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BERYLLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CADMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CALCIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CHROMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COBALT	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COPPER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
IRON	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
LEAD	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MAGNESIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MANGANESE	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
NICKEL	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
POTASSIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SELENIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SILVER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SODIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
THALLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
VANADIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ZINC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/4/2008

Sample No.: 940032 **Date Received:** 8/4/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/6/2008	Sanagavarapu, Suguna	8/6/2008	Staib, Thomas	24944
ALUMINUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ANTIMONY	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ARSENIC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BARIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BERYLLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CADMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CALCIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CHROMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COBALT	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COPPER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
IRON	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
LEAD	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MAGNESIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MANGANESE	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
NICKEL	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
POTASSIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SELENIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SILVER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SODIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
THALLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
VANADIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ZINC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/4/2008

Sample No.: 940033 **Date Received:** 8/4/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/6/2008	Sanagavarapu, Suguna	8/6/2008	Staib, Thomas	24944
ALUMINUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ANTIMONY	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ARSENIC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BARIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
BERYLLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CADMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CALCIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
CHROMIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COBALT	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
COPPER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
IRON	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
LEAD	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MAGNESIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
MANGANESE	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
NICKEL	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
POTASSIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SELENIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SILVER	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
SODIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
THALLIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
VANADIUM	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944
ZINC	8/6/2008	Yang, Qin	8/13/2008	Polidori, Michael	24944

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/5/2008

Sample No.: 940360 **Date Received:** 8/5/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/11/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/11/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	X765	**Site:**	GM Wilmington-17338
Client:	Conestoga, Rovers & Associates	**Date Sampled:**	8/5/2008
Sample No.:	940361	**Date Received:**	8/5/2008
		Matrix:	WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	X765	**Site:**	GM Wilmington-17338
Client:	Conestoga, Rovers & Associates	**Date Sampled:**	8/5/2008
Sample No.:	940362	**Date Received:**	8/5/2008
		Matrix:	WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/5/2008

Sample No.: 940363 **Date Received:** 8/5/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/5/2008

Sample No.: 940364 **Date Received:** 8/5/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/5/2008

Sample No.: 940365 **Date Received:** 8/5/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/5/2008

Sample No.: 940366 **Date Received:** 8/5/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/5/2008

Sample No.: 940367 **Date Received:** 8/5/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/5/2008

Sample No.: 940368 **Date Received:** 8/5/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/11/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X765 **Site:** GM Wilmington-17338

Client: Conestoga, Rovers & Associates **Date Sampled:** 8/5/2008

Sample No.: 940369 **Date Received:** 8/5/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/8/2008	Sanagavarapu, Suguna	8/8/2008	Sheikh, Razia	24953
ALUMINUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ANTIMONY	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ARSENIC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BARIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
BERYLLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CADMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CALCIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
CHROMIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COBALT	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
COPPER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
IRON	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
LEAD	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MAGNESIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
MANGANESE	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
NICKEL	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
POTASSIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SELENIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SILVER	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
SODIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
THALLIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
VANADIUM	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953
ZINC	8/8/2008	Yang, Qin	8/10/2008	Huang, Yixin	24953

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides,PCBs & Herbicides:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for Organochlorine Pesticides and Method 8082 for PCBs. Organochlorine Herbicides are analyzed using SW846 Method 8151A.

Total Petroleum Hydrocarbons:

Unless otherwise specified, water and solid samples are analyzed for Total Petroleum Hydrocarbons using NJDEP Method OQA-QAM-025, "Quantitation of Semi-Volatile Petroleum Products in Water, Soil, Sediment and Sludge".

Diesel Range Organics (DRO) and Gasoline Range Organics (GRO):

Soil and water samples are analyzed for DRO and GRO as the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8015B (Non-Halogenated Organics Using GC/FID).

Metals Analysis:

Metals analyses are performed by any of five techniques specified by a Method Code provided on each data report page, as follows:

MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)- Mass Spectrometry (MS)

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020) and "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition), as appropriate. Solid samples are prepared and analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition).

Specific method references for ICP analyses are:

Water Matrix – EPA 200.7/SW846 6010B
Solid Matrix – SW846 6010B

The method reference for ICP-MS analysis is:

Non-Potable Water Matrix – EPA 200.8

Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Drinking water and wastewater samples are analyzed for cyanide using EPA Method 335. Cyanide is determined in solid samples using SW846 Method 9012A/9012B.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.1. Total phenols are determined in water by use of SW846 Methods 9065+9066, as appropriate.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

ORGANIC DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

ND - The compound was not detected at the indicated concentration.

B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.

M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.

N - The spiked sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

* - Duplicate Analysis is not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.

+ - Correlation coefficient for MSA is less than 0.995.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

(continued)

M Column - Method Qualifiers

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).

A - Flame Atomic Absorption Spectroscopy (FAA).

F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).

CV - Cold Vapor Atomic Absorption Spectroscopy.

MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)-Mass Spectrometry (MS).

Non-Conformance Summary

Nonconformance Summary

TestAmerica Edison Job # : X765

Client: Conestoga, Rovers & Associates

Date: 8/25/2008

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

QA batch 0231: MS % recovery of Toluene is outside of Q.C. limits (sample amount is too high for spike level). MSD/ Blank Spike within QC limits.

QA batch 0307: MS/MSD % recovery of Toluene is outside of Q.C. limits (sample amount is too high for spike level). Blank spike within QC limits.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

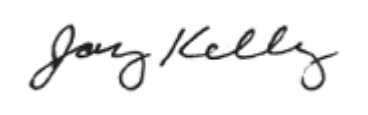
Initial calibration on 8/10/08 and 8/12/08 failed for Benzaldehyde, samples results were ND for that compound.

Sample # 940361: S-2-Flurophenol surrogate std recovery is biased high.

Metals:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.



Joy Kelly

Project Manager

GC/MS Forms and Data (Volatiles)

Results Summary and Chromatograms

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02169.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	3.9J	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02169.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02169.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02169.d
Report Date: 22-Aug-2008 14:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02169.d
Lab Smp Id: 940028 Client Smp ID: 080408-01
Inj Date : 07-AUG-2008 09:54
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940028
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

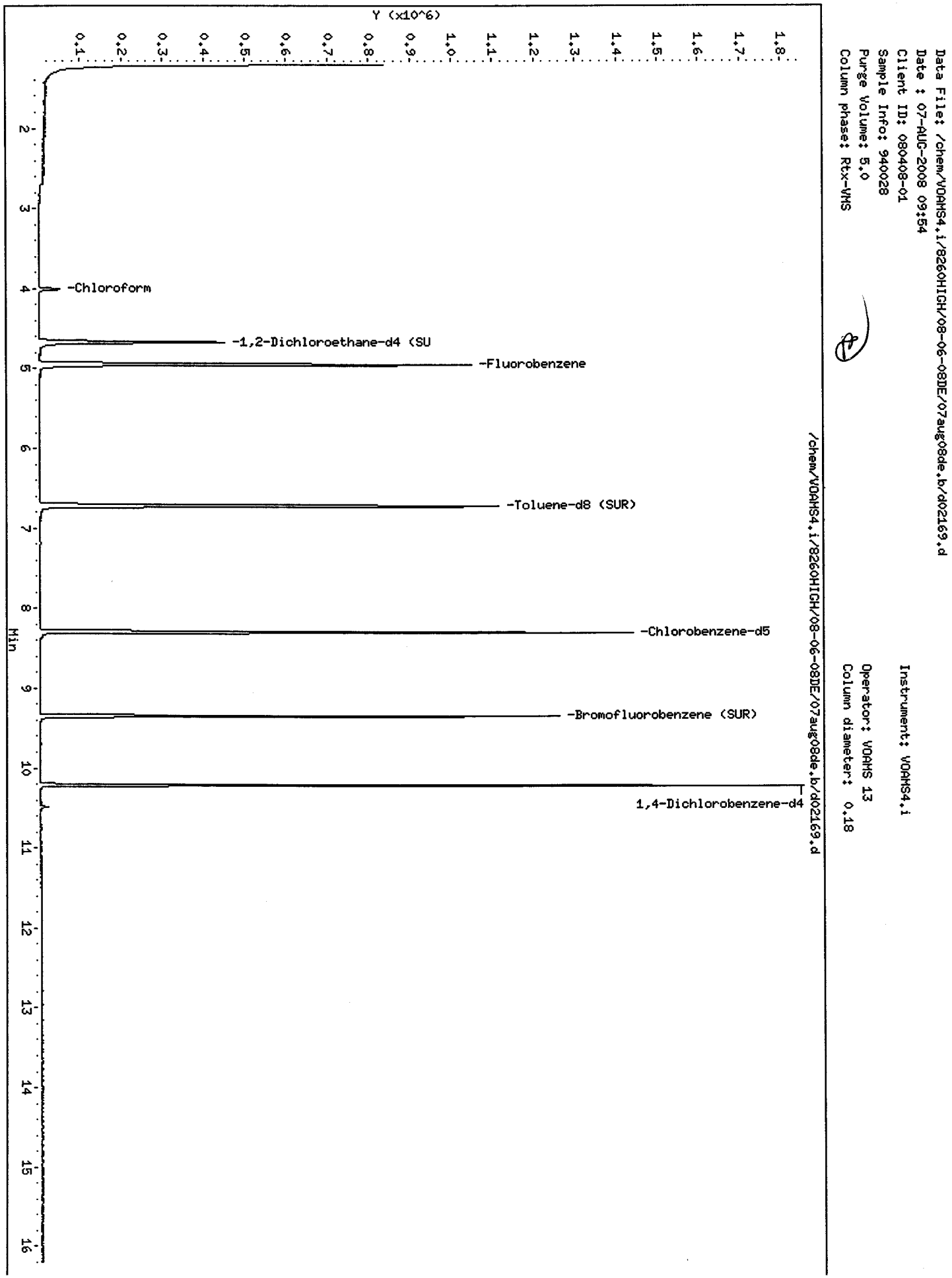
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
15 Chloroform	83	4.003	4.003	(0.810)	34588	3.93010	3.9(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	340795	53.4888	53
* 19 Fluorobenzene	96	4.944	4.944	(1.000)	815861	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.715	(0.811)	657045	52.9628	53
* 32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	559599	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	191983	53.5029	54
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	256482	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02169.d
Date : 07-AUG-2008 09:54
Client ID: 080408-01
Sample Info: 940028
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
-Chloroform
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Toluene-d8 (SUR)
-Chlorobenzene-d5
-Bromofluorobenzene (SUR)
1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02169.d

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02169.d

Date : 07-AUG-2008 09:54

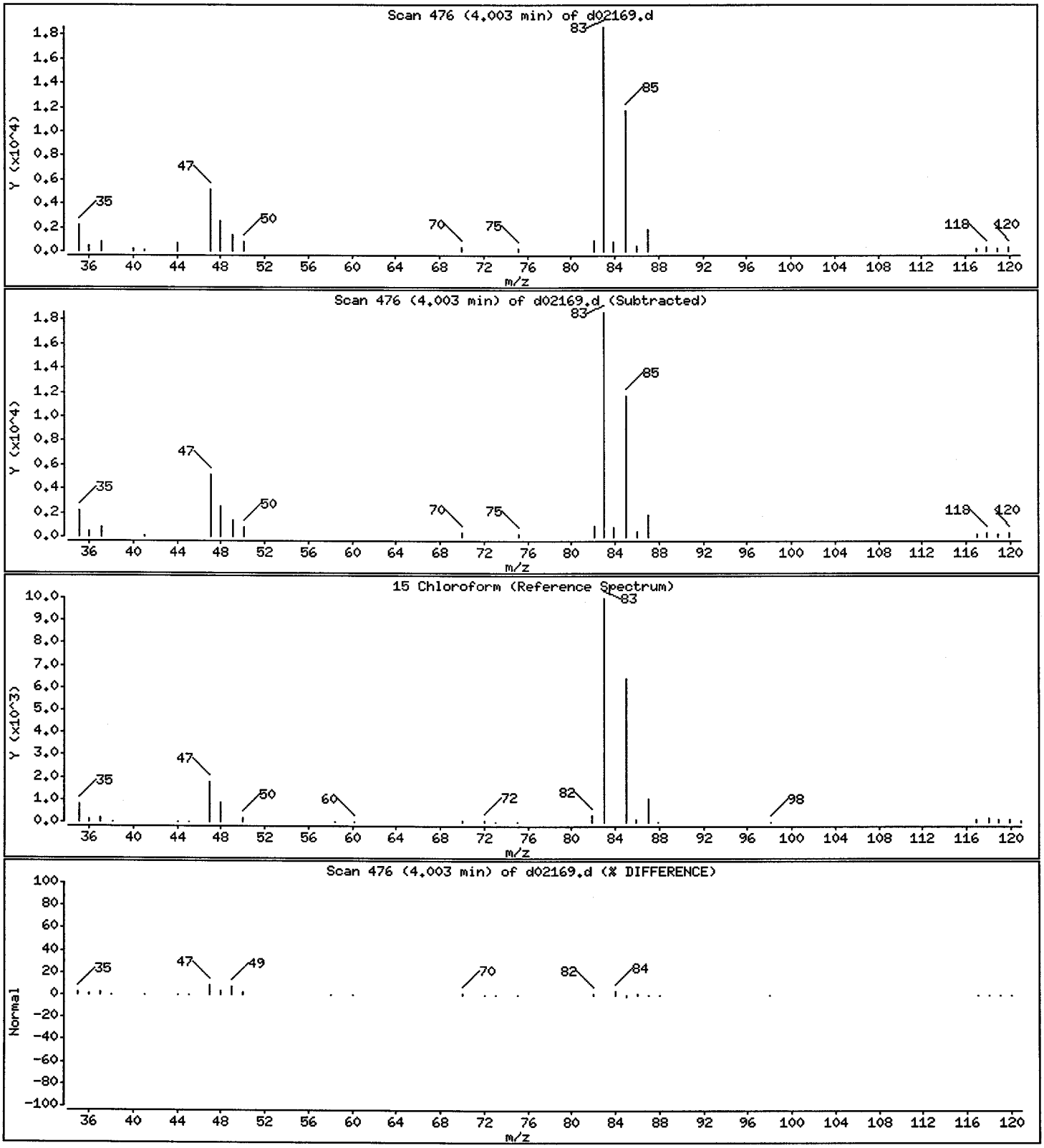
Client ID: 080408-01 Instrument: VOAMS4.i

Sample Info: 940028

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

15 Chloroform Concentration: 3.9 ug/L



Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02170.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	1.2	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	4.6J	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02170.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	4.5J	5.0
Cyclohexane	0.9J	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	0.6J	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	2.4J	5.0

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02170.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Indane	10.34	82	
2.	Diethylbenzene isomer	10.39	23	
3.	Ethyldimethylbenzene isomer	10.69	17	
4.	C10H12 Aromatic	10.76	7.2	
5.	Tetramethylbenzene isomer	10.98	15	
6.	C10H12 Aromatic	11.30	36	
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	180

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d
Report Date: 19-Aug-2008 11:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d
Lab Smp Id: 940029 Client Smp ID: 080408-02
Inj Date : 07-AUG-2008 10:18
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940029
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

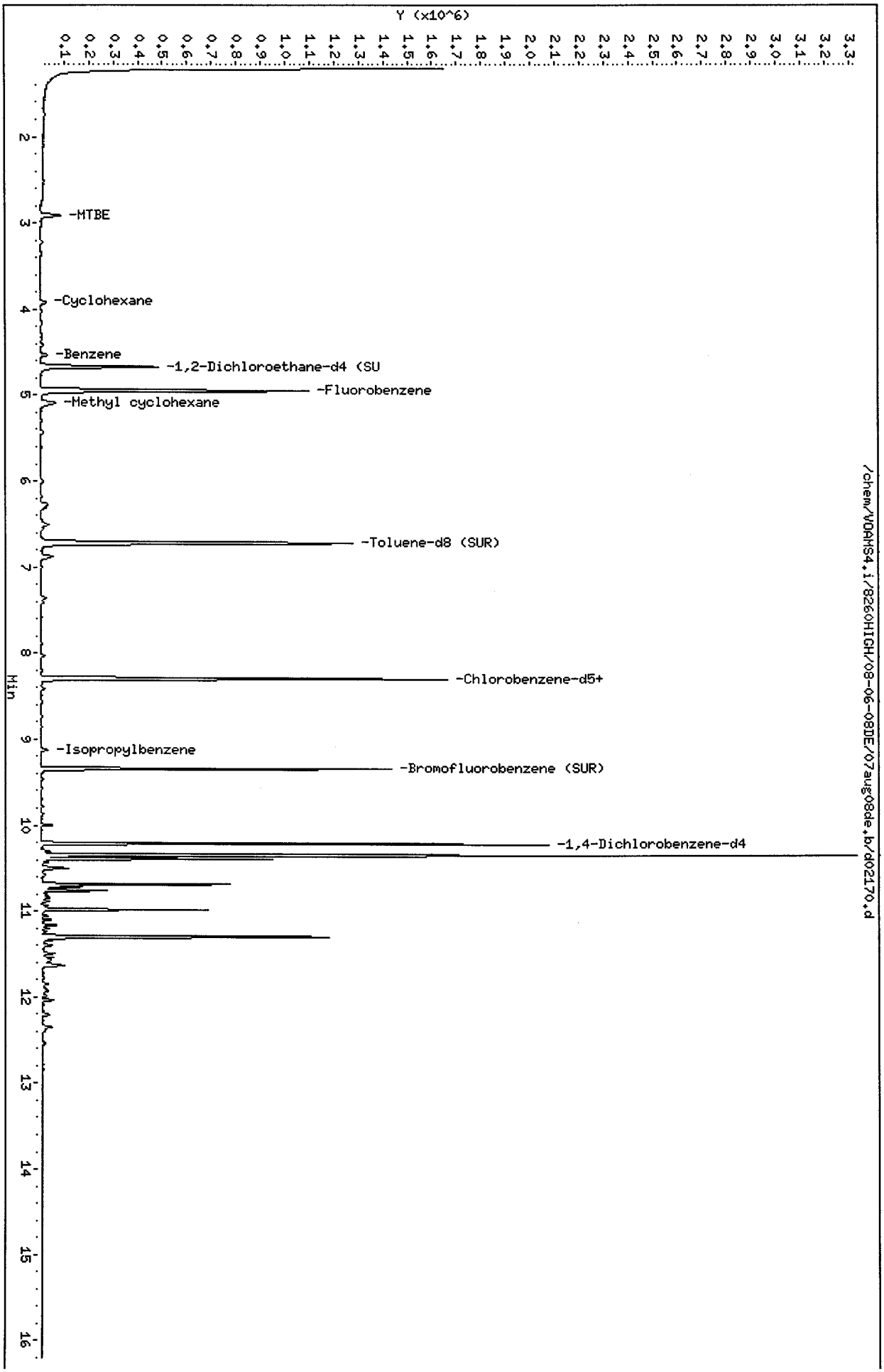
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
53 MTBE	73	2.915	2.909	(0.590)	65663	4.47233	4.5(a)
59 Cyclohexane	56	3.915	3.915	(0.792)	8127	0.93040	0.93(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	361552	53.5545	54
28 Benzene	78	4.527	4.527	(0.916)	23311	1.16776	1.2
* 19 Fluorobenzene	96	4.944	4.944	(1.000)	864491	50.0000	
132 Methyl Cyclohexane	83	5.091	5.086	(1.030)	19474	2.35760	2.4(a)
$ 37 Toluene-d8 (SUR)	98	6.721	6.715	(0.811)	768191	53.1385	53
* 32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	652098	50.0000	
39 Chlorobenzene	112	8.309	8.309	(1.002)	57800	4.57979	4.6(a)
110 Isopropylbenzene	105	9.126	9.127	(1.101)	12106	0.59069	0.59(a)
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	221161	52.9064	53
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	298794	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).



Data File: /chem/VOAHS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d
Date : 07-AUG-2008 10:18
Client ID: 080408-02
Sample Info: 940029
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAHS4.i
Operator: VOAHS 13
Column diameter: 0.18

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

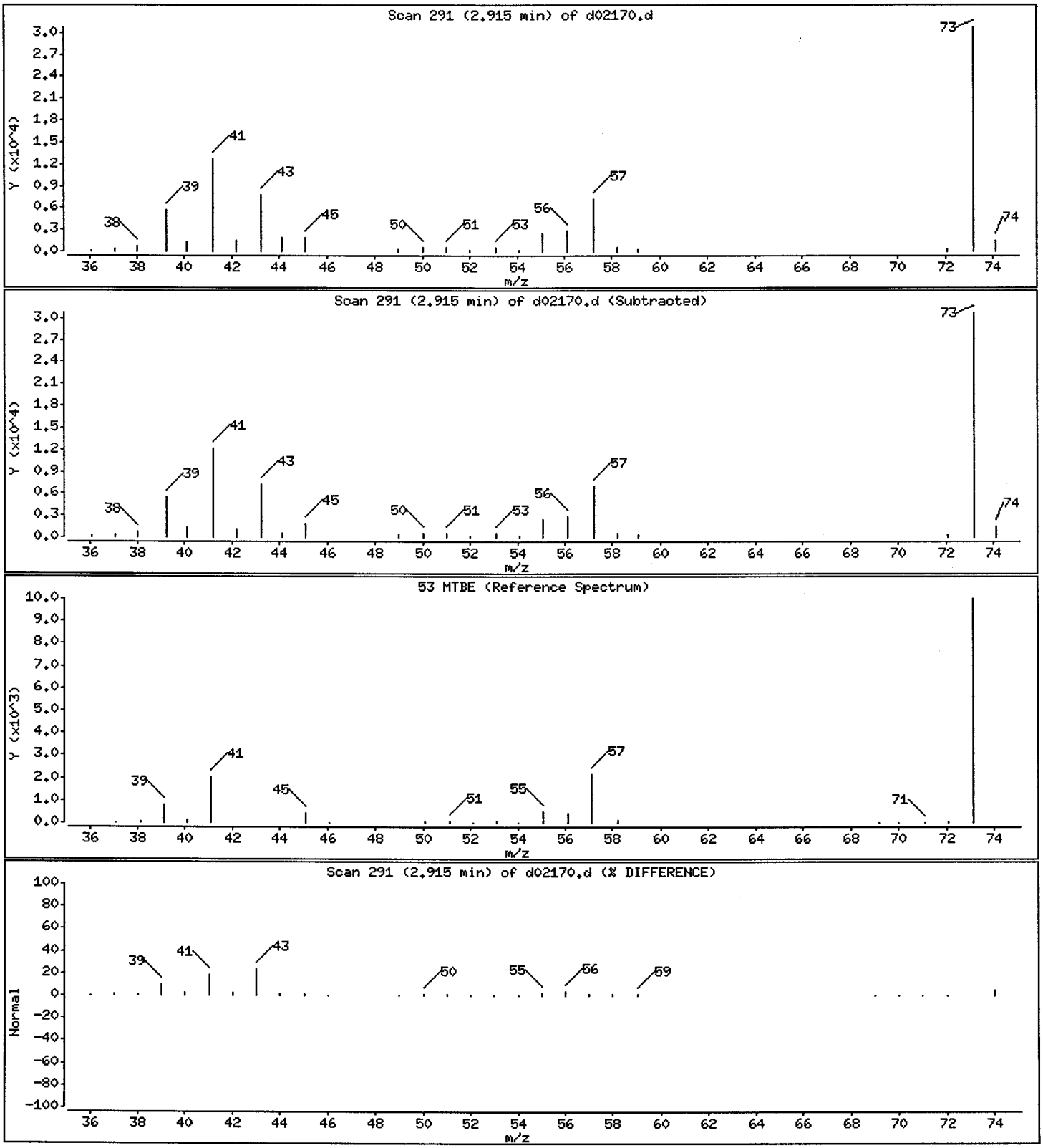
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 4.5 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

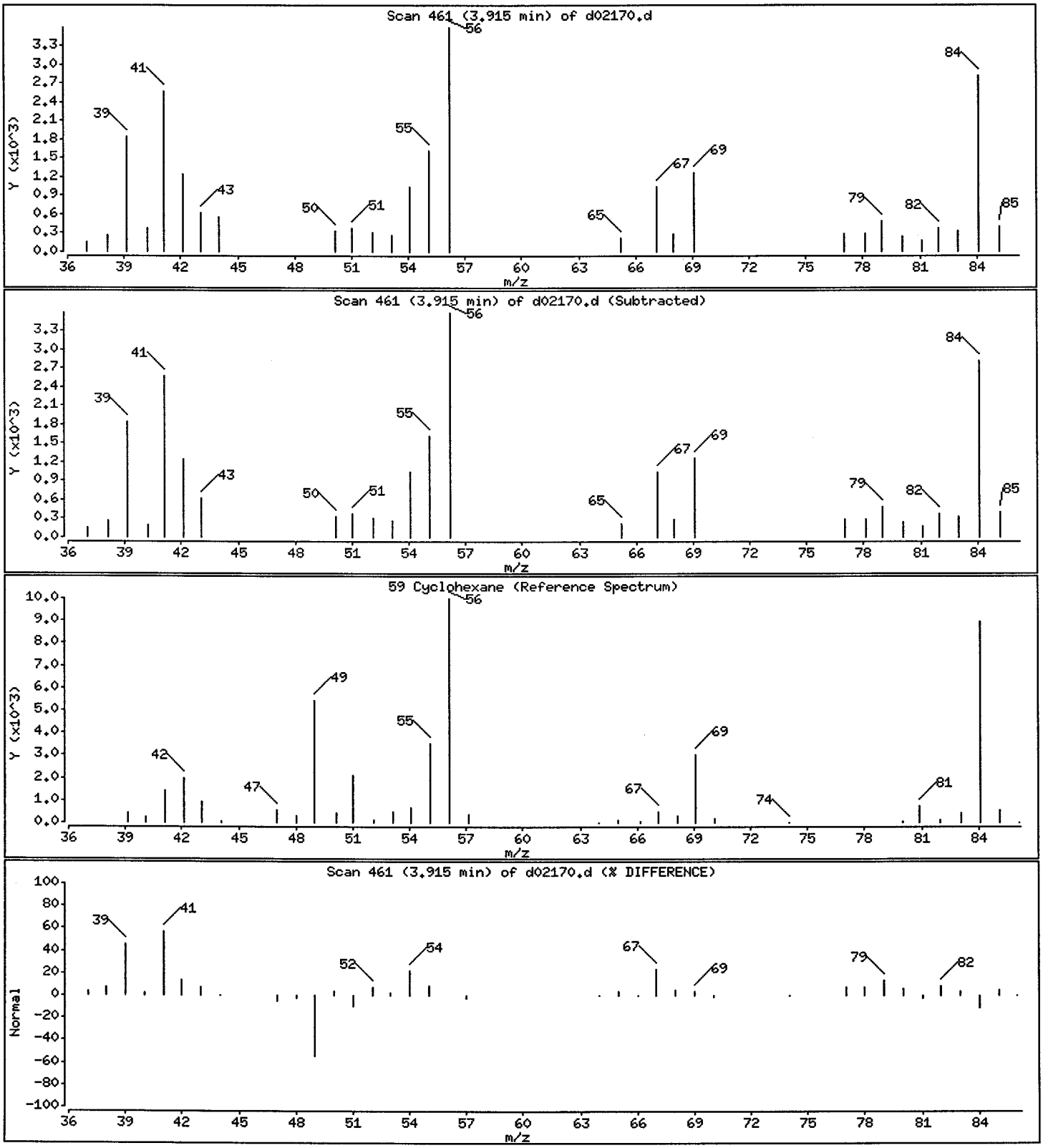
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

59 Cyclohexane Concentration: 0.93 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

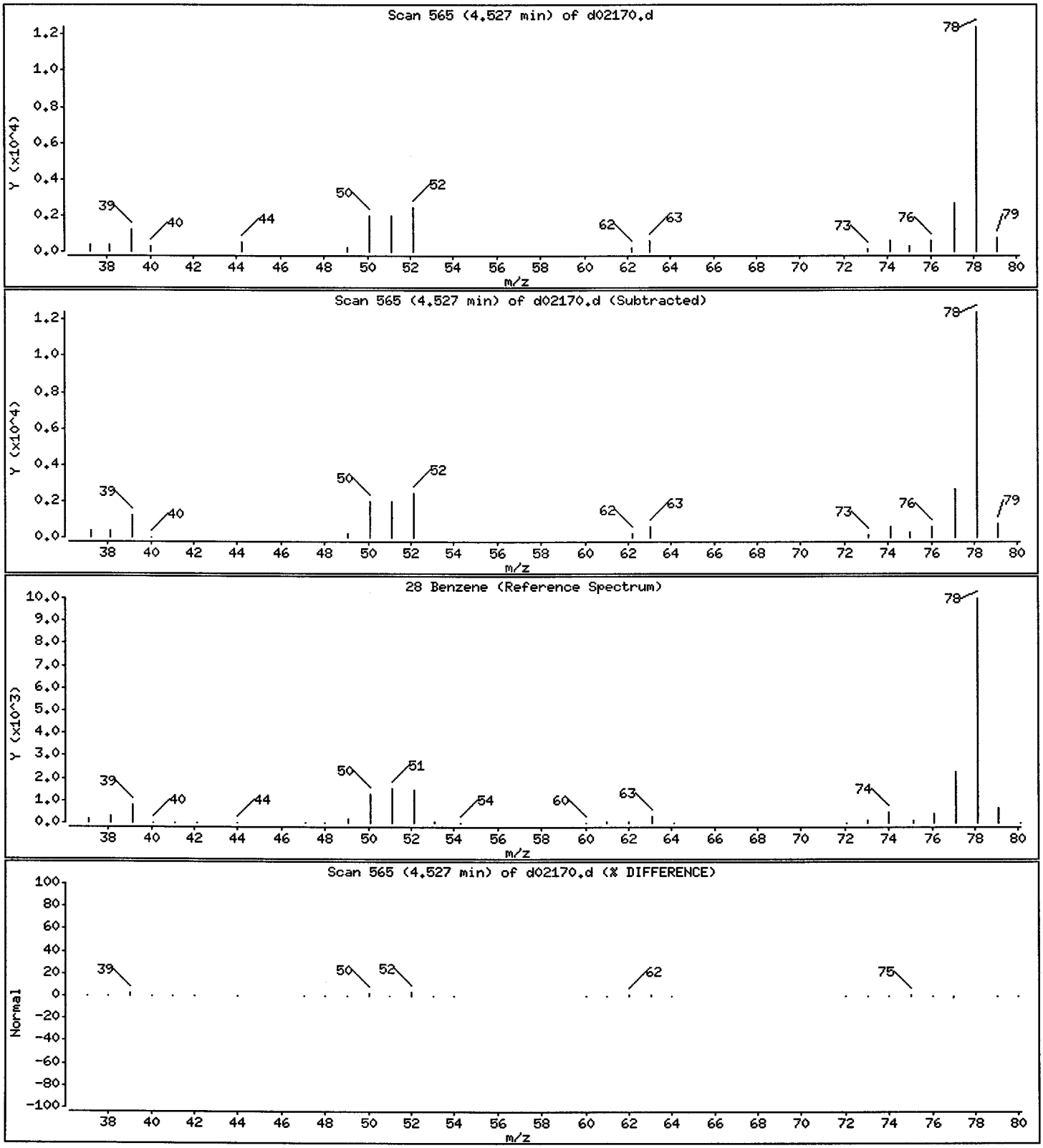
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 1.2 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

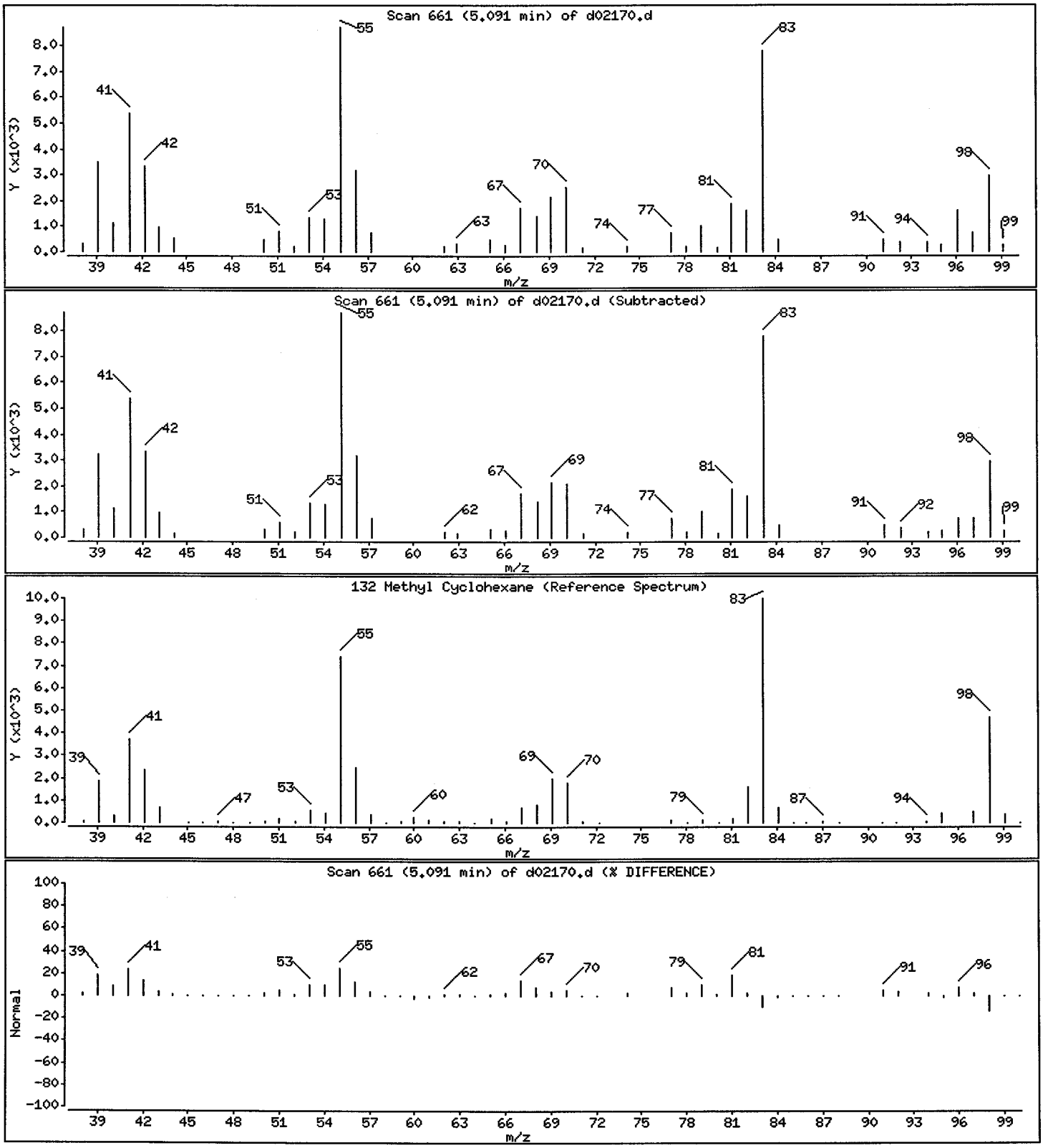
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

132 Methyl Cyclohexane Concentration: 2.4 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

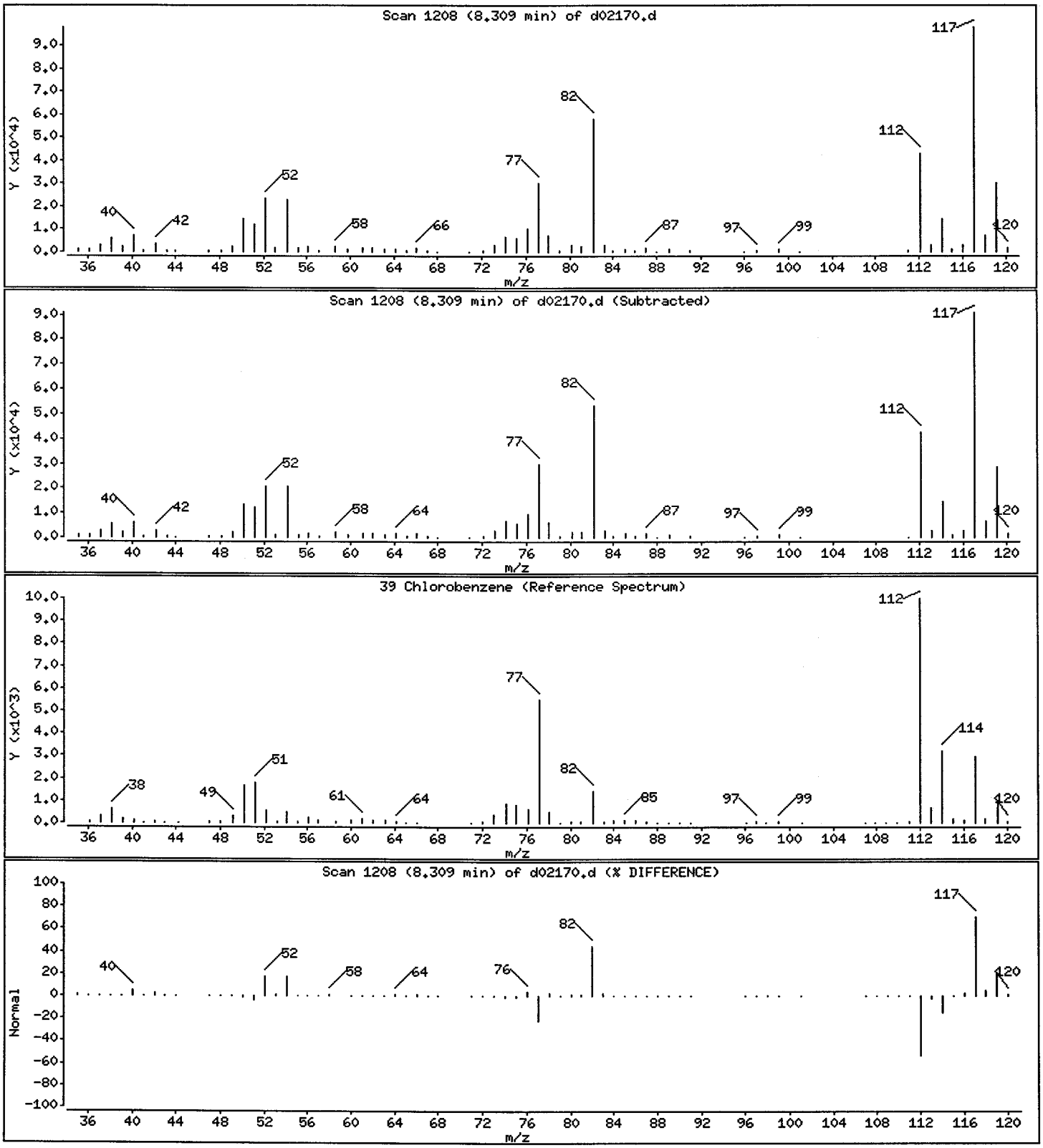
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

39 Chlorobenzene Concentration: 4.6 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

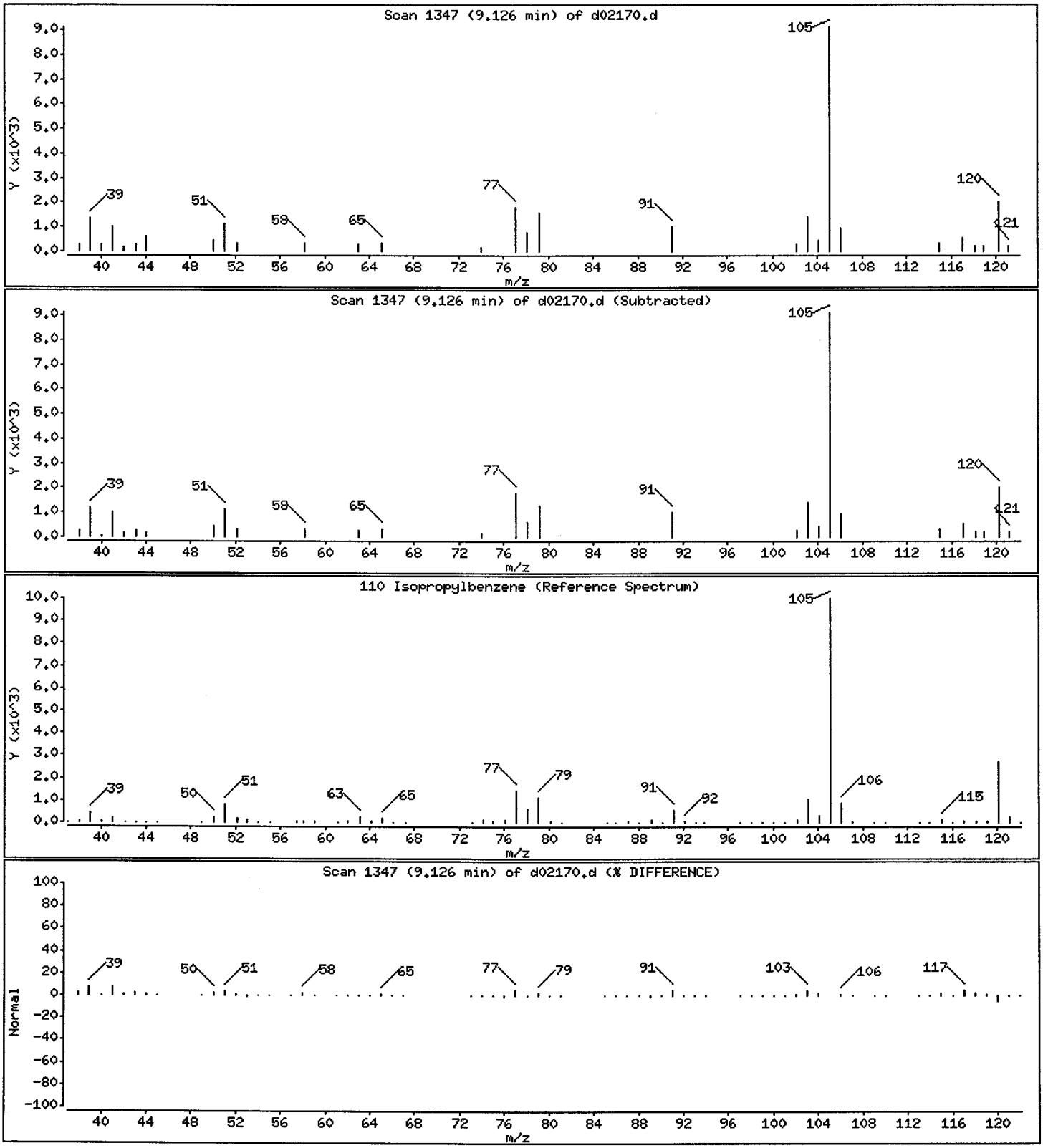
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 0.59 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

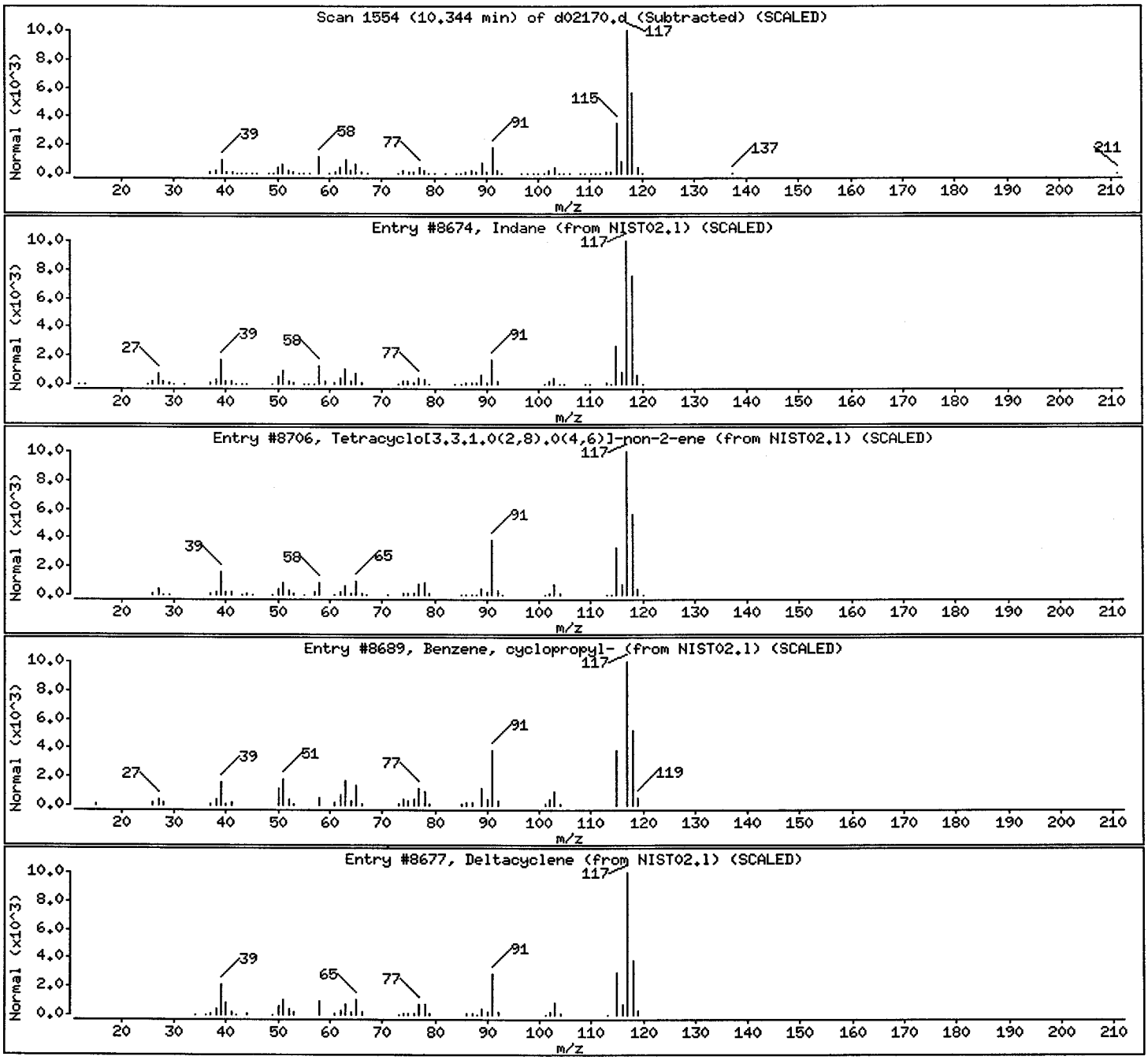
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	93	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-en	1000191-13-7	NIST02.l	8706	80	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8689	72	C9H10	118
Deltacyclene	7785-10-6	NIST02.l	8677	68	C9H10	118



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

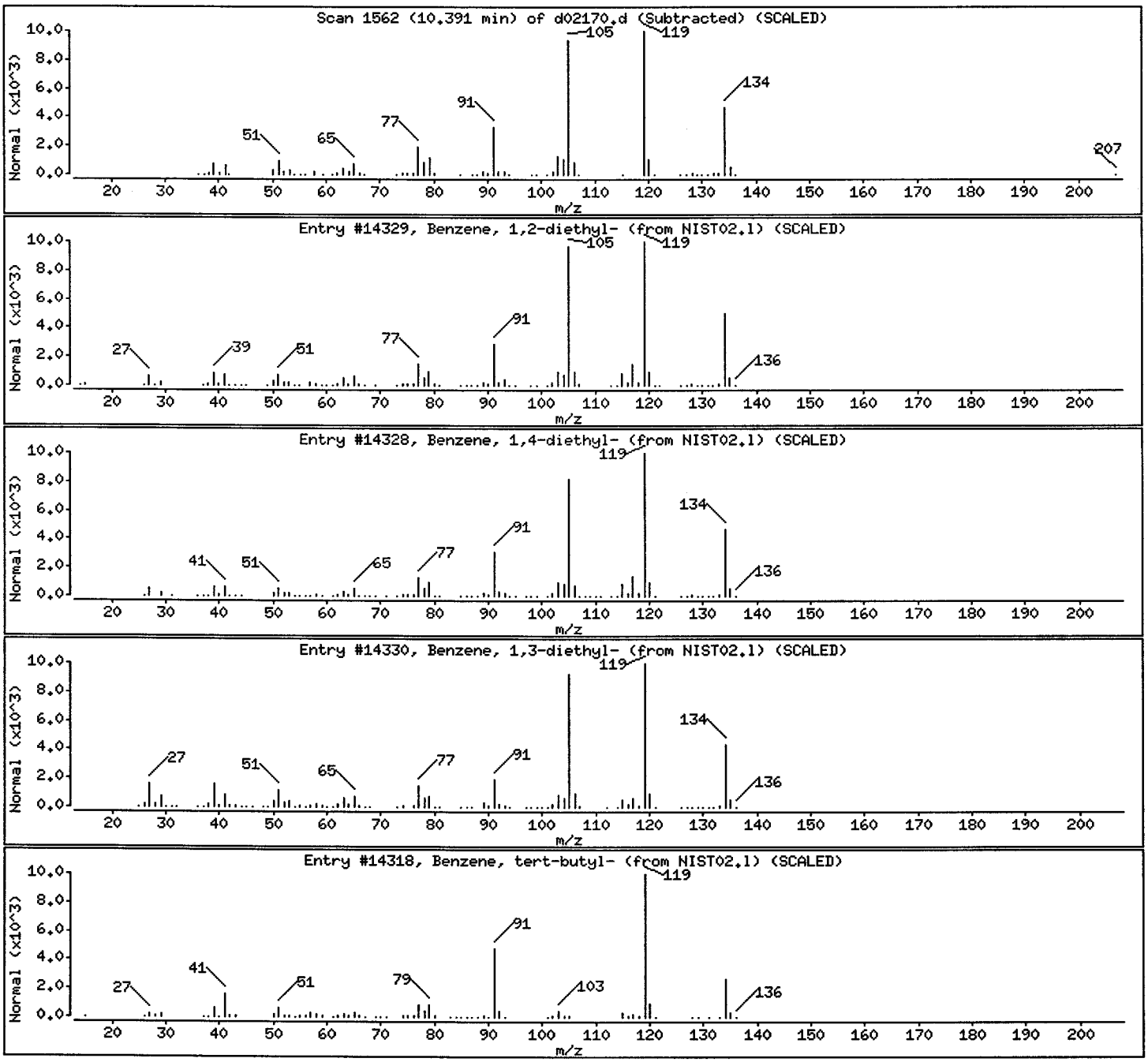
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	94	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	91	C10H14	134
Benzene, 1,3-diethyl-	141-93-5	NIST02.l	14330	90	C10H14	134
Benzene, tert-butyl-	98-06-6	NIST02.l	14318	74	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

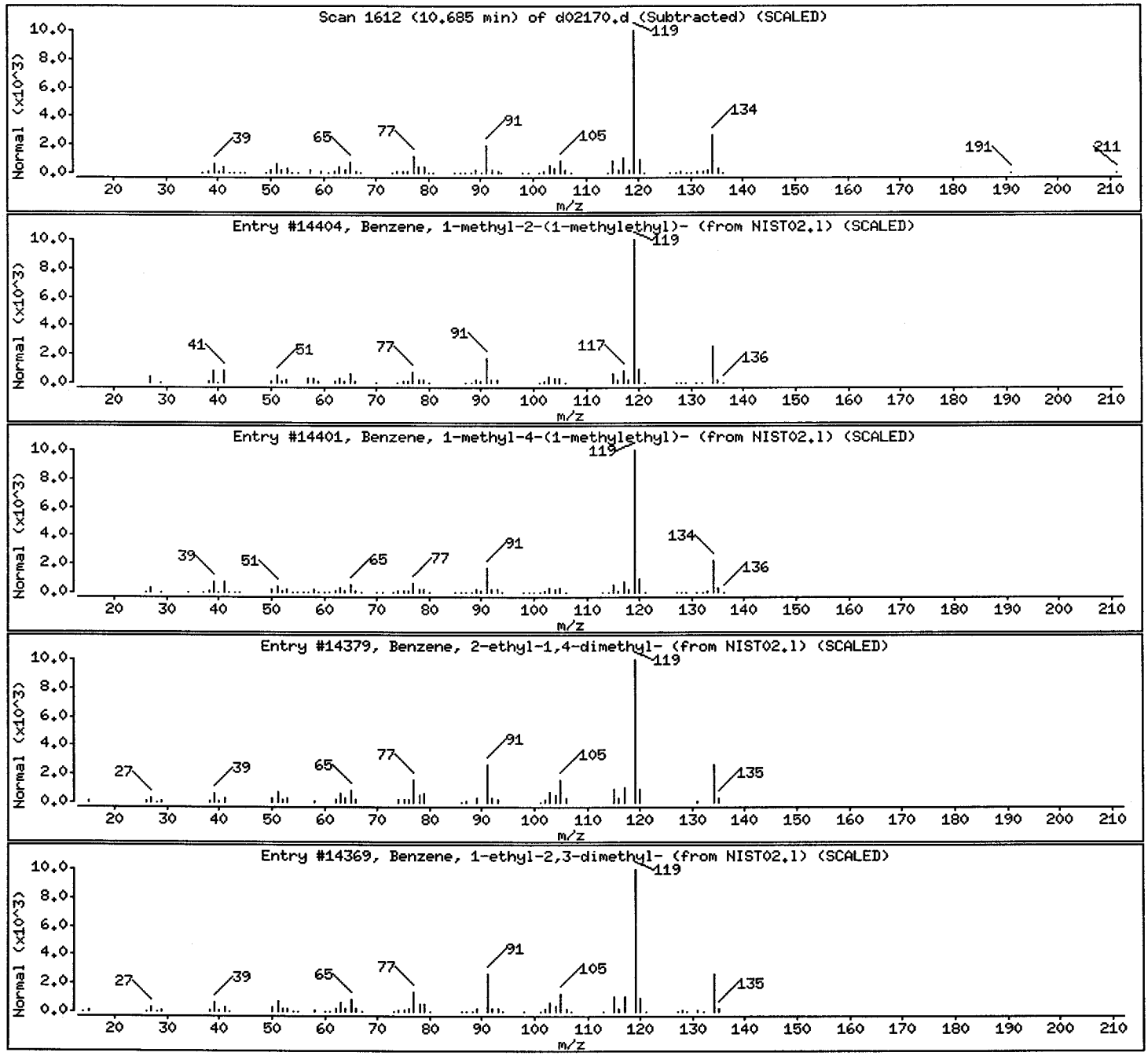
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14404	97	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.l	14401	97	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14379	96	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	96	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

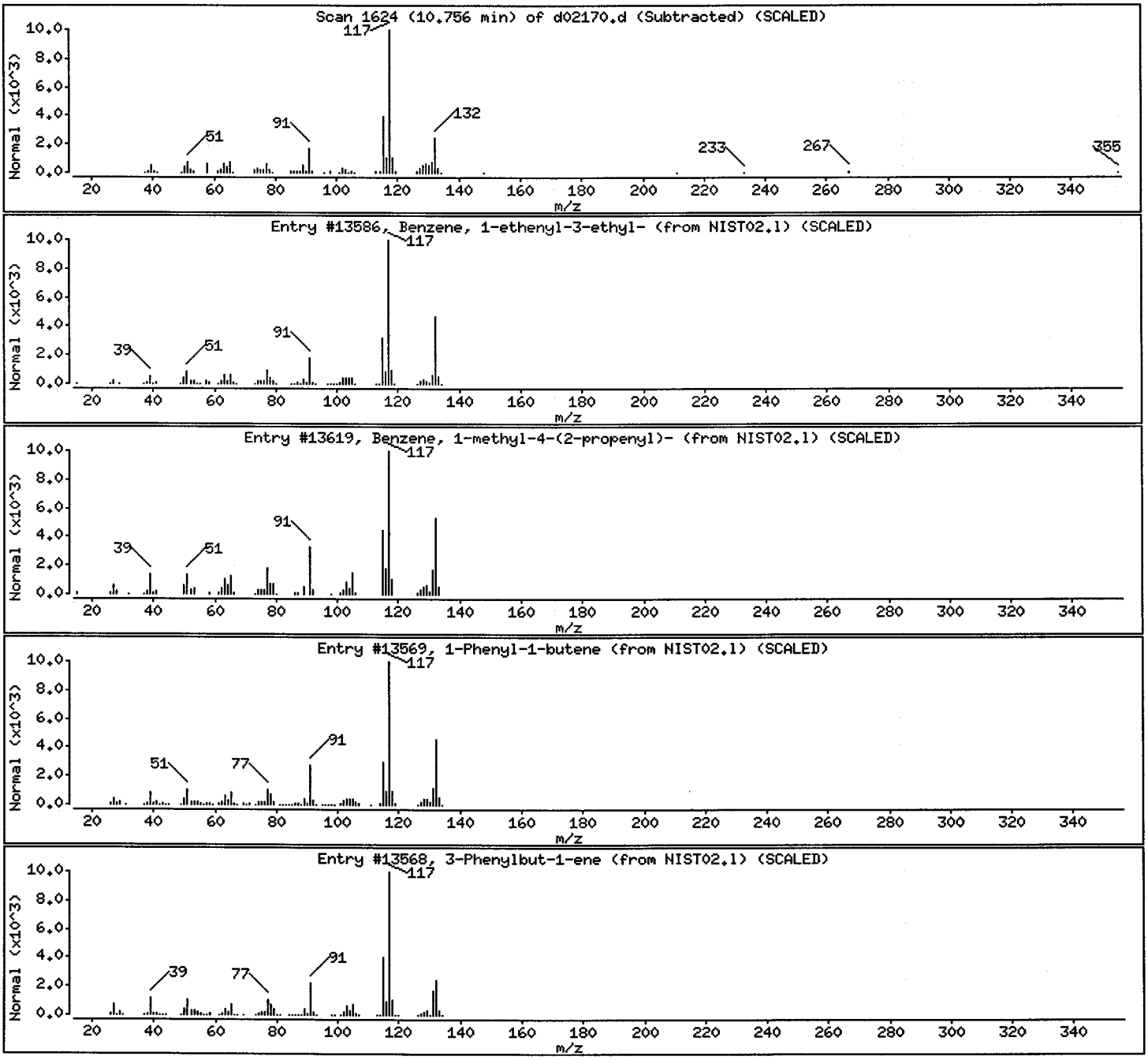
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic		NIST02.l	13586	90	C10H12	132
Benzene, 1-methyl-4-(2-propenyl)-	3333-13-9	NIST02.l	13619	87	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	83	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	83	C10H12	132



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

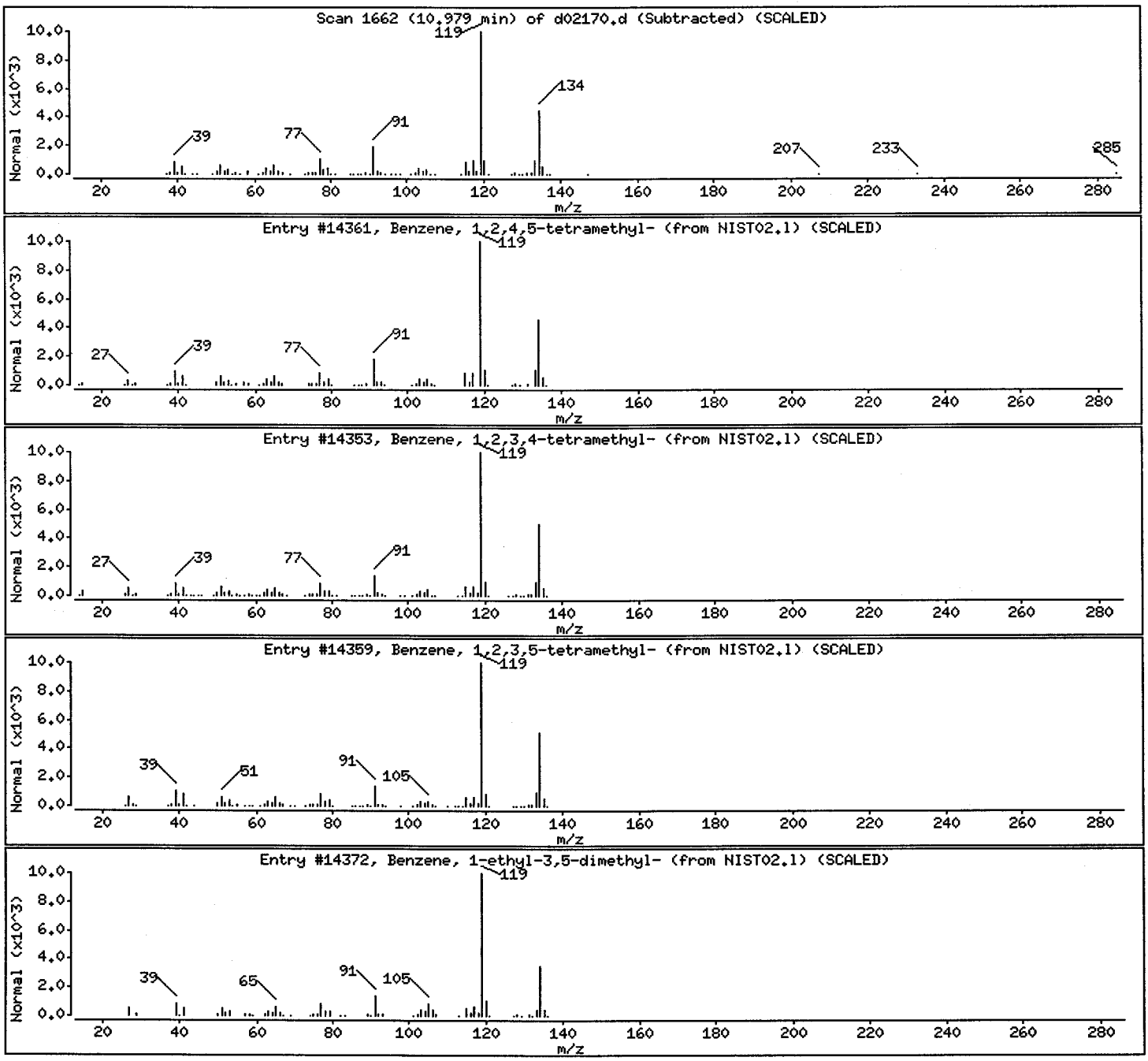
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	95	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14359	94	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14372	94	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02170.d

Date : 07-AUG-2008 10:18

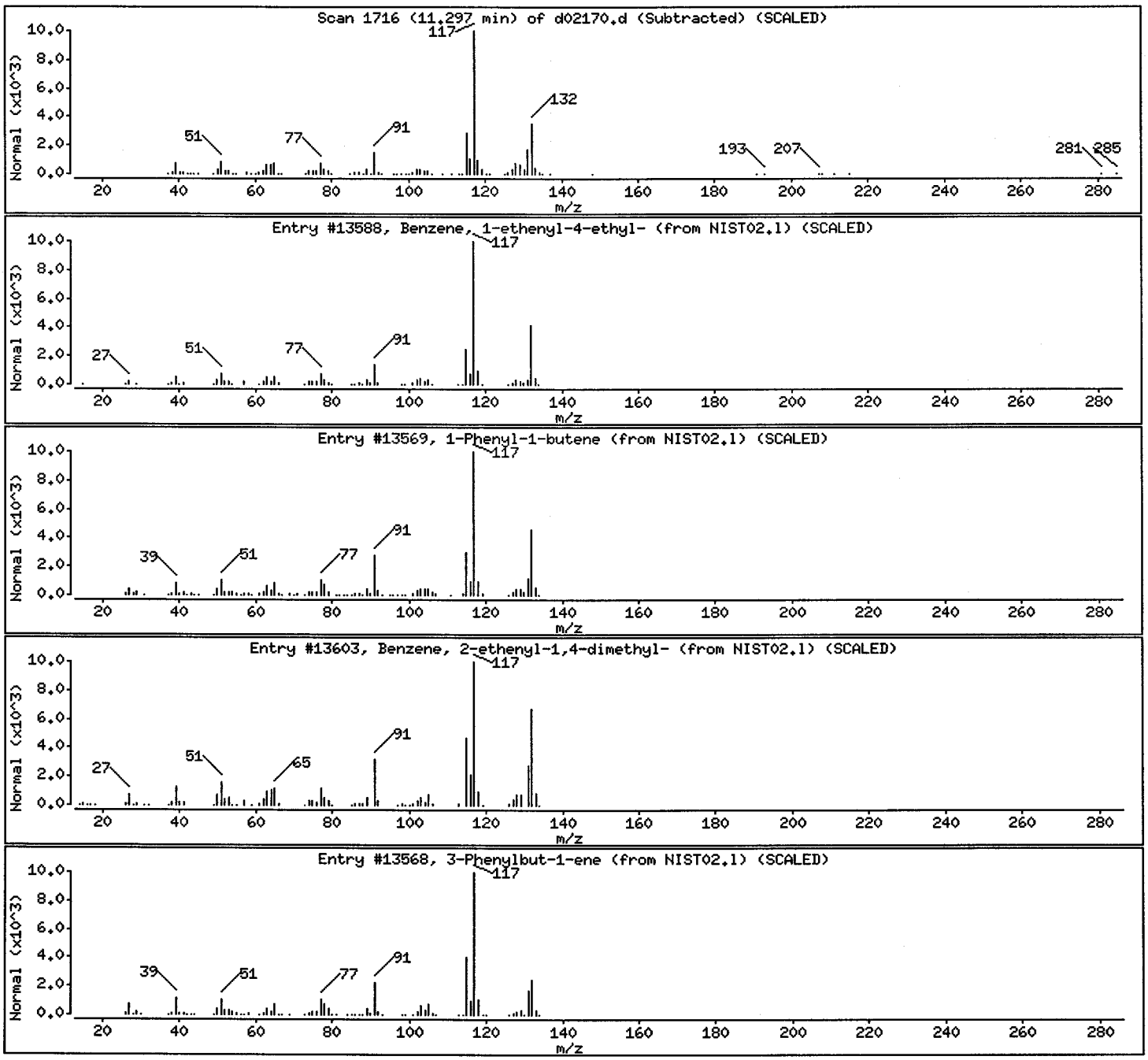
Client ID: 080408-02 Instrument: VOAMS4.i

Sample Info: 940029

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic		NIST02.l	13588	94	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	94	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	93	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	91	C10H12	132



Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02171.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02171.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	0.2J	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02171.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02171.d
Report Date: 19-Aug-2008 11:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02171.d
Lab Smp Id: 940030 Client Smp ID: 080408-03
Inj Date : 07-AUG-2008 10:42
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940030
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

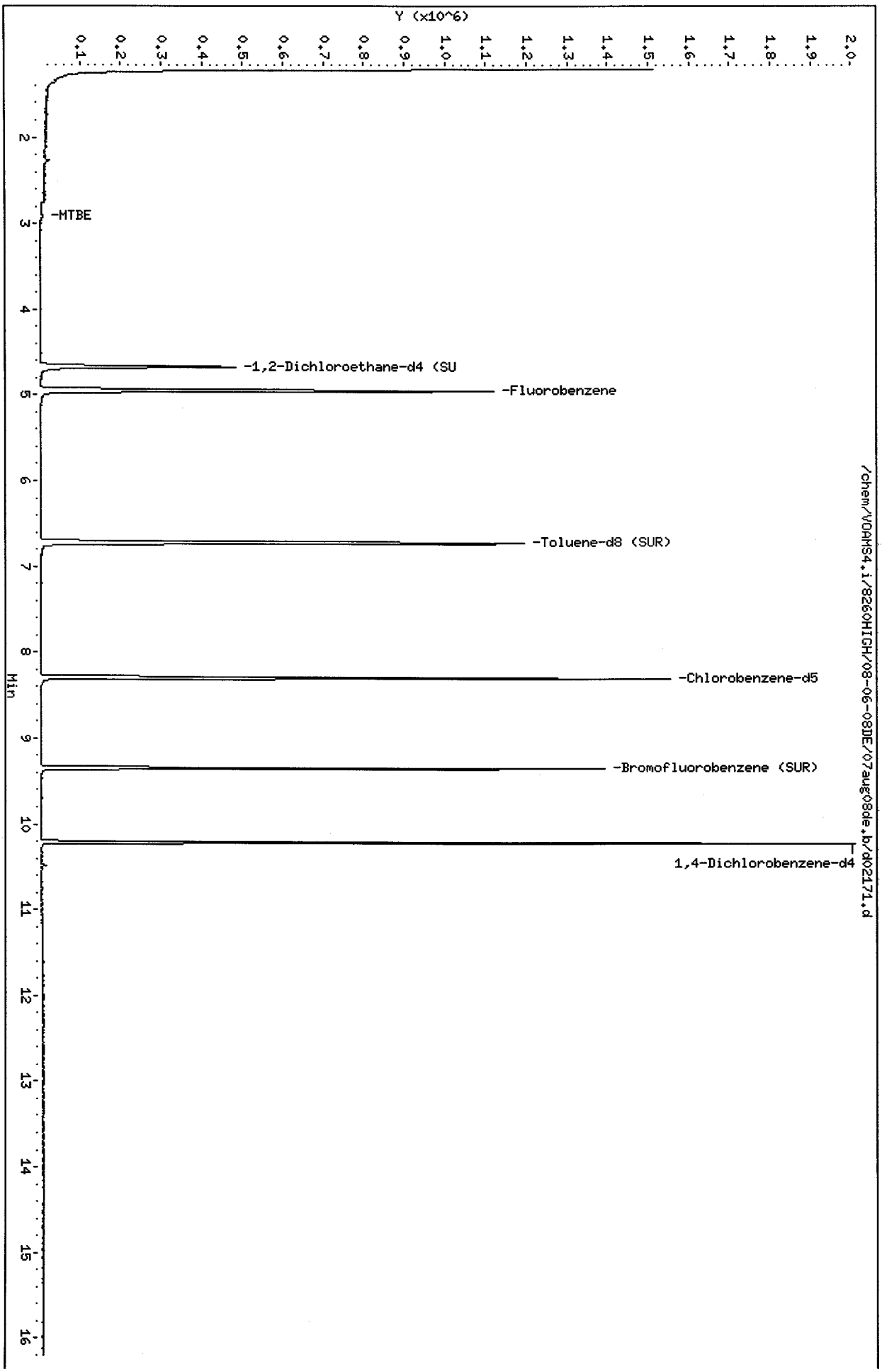
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	53 MTBE	73	2.915	2.909	(0.589)	3408	0.22097	0.22(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.943)	361461	50.9695	51
*	19 Fluorobenzene	96	4.950	4.944	(1.000)	908107	50.0000	
$	37 Toluene-d8 (SUR)	98	6.721	6.715	(0.811)	733861	52.8995	53
*	32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	625770	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	214010	53.2026	53
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	287523	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02171.d
Date : 07-AUG-2008 10:42
Client ID: 080408-03
Sample Info: 940030
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
-MTBE
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Toluene-d8 (SUR)
-Chlorobenzene-d5
-Bromofluorobenzene (SUR)
1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02171.d

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02171.d

Date : 07-AUG-2008 10:42

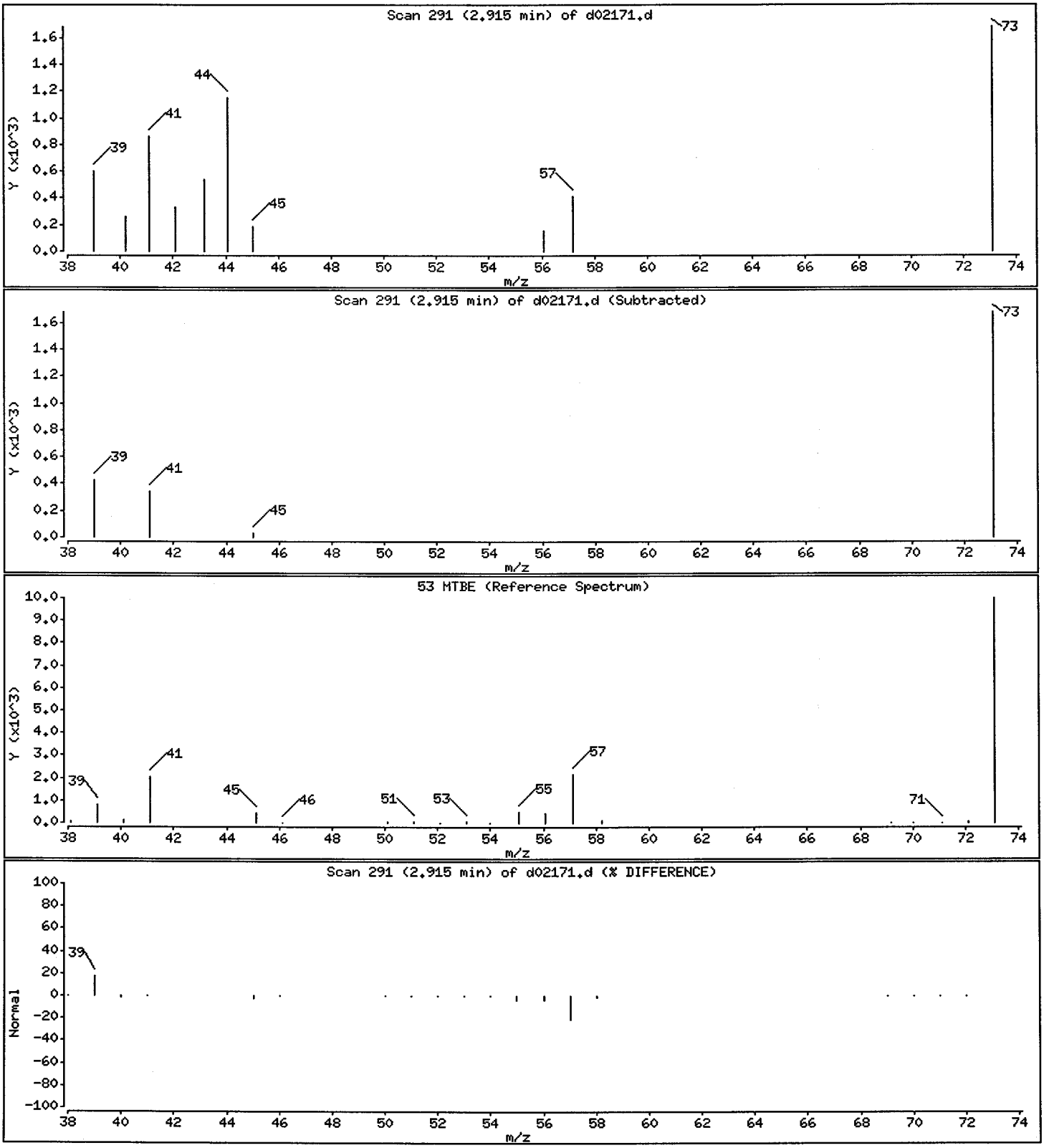
Client ID: 080408-03 Instrument: VOAMS4.i

Sample Info: 940030

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 0.22 ug/L



Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02375.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	50
Bromomethane	ND	50
Vinyl Chloride	ND	50
Chloroethane	ND	50
Methylene Chloride	ND	30
Acetone	ND	50
Carbon Disulfide	ND	50
Trichlorofluoromethane	ND	50
1,1-Dichloroethene	ND	20
1,1-Dichloroethane	ND	50
trans-1,2-Dichloroethene	ND	50
cis-1,2-Dichloroethene	ND	50
Chloroform	ND	50
1,2-Dichloroethane	ND	20
2-Butanone	ND	50
1,1,1-Trichloroethane	ND	50
Carbon Tetrachloride	ND	20
Bromodichloromethane	ND	10
1,2-Dichloropropane	ND	10
cis-1,3-Dichloropropene	ND	50
Trichloroethene	ND	10
Dibromochloromethane	ND	50
1,1,2-Trichloroethane	ND	30
Benzene	14	10
trans-1,3-Dichloropropene	ND	50
Bromoform	ND	40
4-Methyl-2-Pentanone	ND	50
2-Hexanone	ND	50
Tetrachloroethene	ND	10
1,1,2,2-Tetrachloroethane	ND	10
Toluene	*	50
Chlorobenzene	ND	50
Ethylbenzene	550	40
Styrene	ND	50

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02375.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	3200	50
Freon TF	ND	50
MTBE	17 J	50
Cyclohexane	13 J	50
1,2-Dibromoethane	ND	50
1,3-Dichlorobenzene	ND	50
1,4-Dichlorobenzene	ND	50
1,2-Dichlorobenzene	ND	50
Dichlorodifluoromethane	ND	50
1,2,4-Trichlorobenzene	ND	50
1,2-Dibromo-3-chloropropane	ND	50
Isopropylbenzene	9.0J	50
Methyl Acetate	ND	50
Methyl Cyclohexane	95	50

* see dilution

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02375.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Trimethylbenzene isomer	10.24	450	
2. Indane	10.34	570	
3. Ethyldimethylbenzene isomer	10.40	530	
4. Ethyldimethylbenzene isomer	10.61	370	
5. Ethyldimethylbenzene isomer	10.68	680	
6. Ethyldimethylbenzene isomer	10.91	190	
7. Ethyldimethylbenzene isomer	10.97	530	
8. Tetramethylbenzene isomer	11.01	820	
9. Unknown	11.29	840	
10. Naphthalene	11.89	2700	
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	7680

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d
Report Date: 19-Aug-2008 11:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d
Lab Smp Id: 940031 Client Smp ID: 080408-04
Inj Date : 15-AUG-2008 06:33
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940031;10
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 7
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

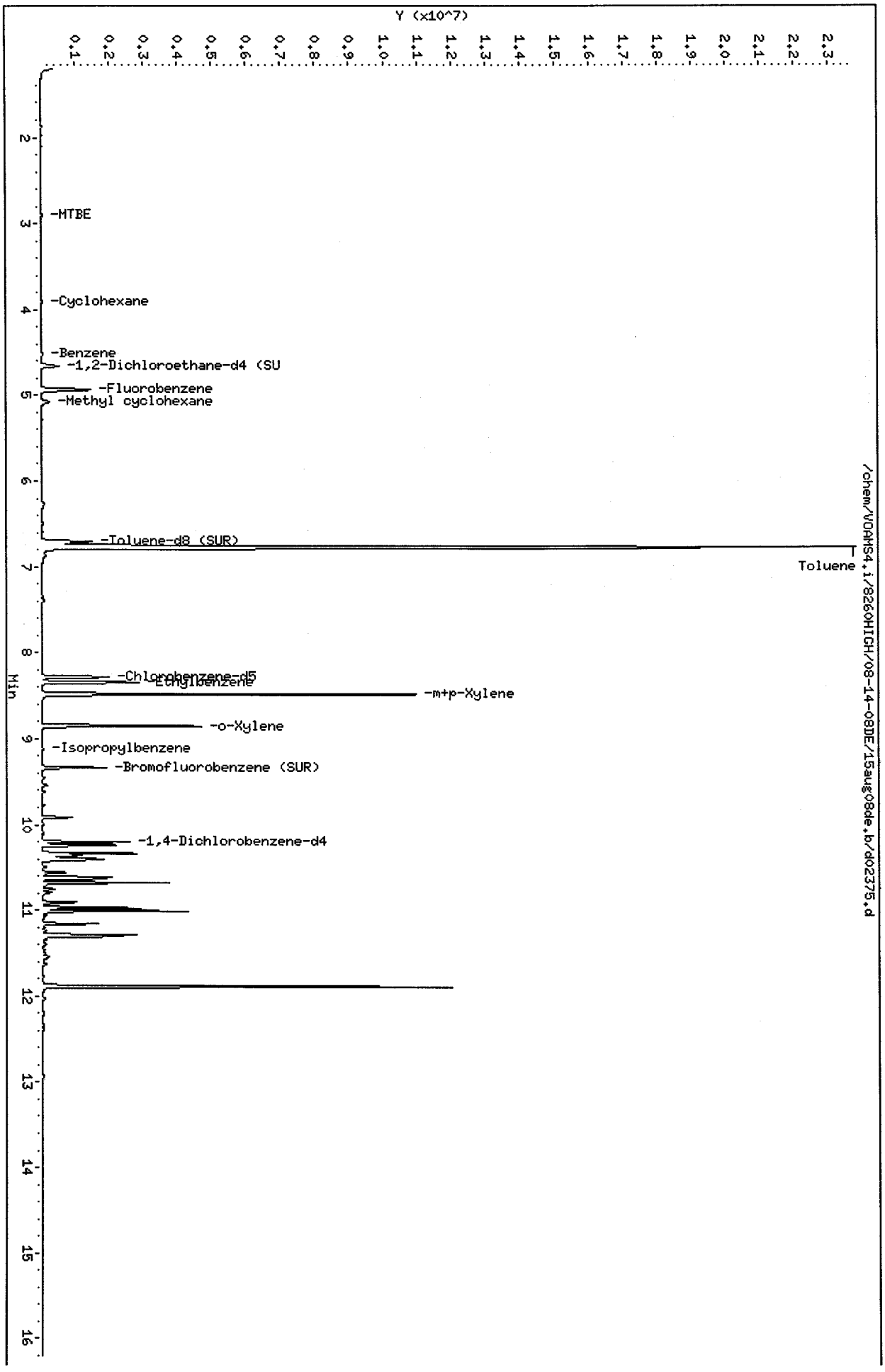
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
53 MTBE	73	2.904	2.903	(0.589)	33858	1.73447	17(a)
59 Cyclohexane	56	3.909	3.909	(0.793)	13999	1.30241	13(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	360351	50.3894	50
28 Benzene	78	4.521	4.515	(0.917)	38681	1.43747	14
* 19 Fluorobenzene	96	4.933	4.933	(1.000)	1243646	50.0000	
132 Methyl Cyclohexane	83	5.080	5.080	(1.030)	101962	9.53883	95
$ 37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	994316	52.0800	52
38 Toluene	91	6.762	6.768	(0.816)	17822560	672.533	6700(A)*
* 32 Chlorobenzene-d5	117	8.286	8.285	(1.000)	880077	50.0000	
40 Ethylbenzene	106	8.344	8.344	(1.007)	489803	55.3279	550
43 m+p-Xylene	106	8.486	8.485	(1.024)	2557154	228.363	2300
44 o-Xylene	106	8.850	8.850	(1.068)	948920	90.5717	900
110 Isopropylbenzene	105	9.121	9.121	(1.101)	24964	0.90535	9.0(a)
$ 41 Bromofluorobenzene (SUR)	174	9.333	9.338	(0.915)	348559	50.4274	50
* 91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	426435	50.0000	
M 45 Xylene (Total)	100				3506074	319.970	3200

* See dilution

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d
Report Date: 19-Aug-2008 11:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d
Date : 15-AUG-2008 06:33
Client ID: 080408-04
Sample Info: 940031;10
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^7)
Min
-MTBE
-Cyclohexane
-Benzene
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Methyl cyclohexane
-Toluene-d8 (SUR)
Toluene
-Chlorobenzene-d5
Ethylbenzene
-m+p-Xylene
-o-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

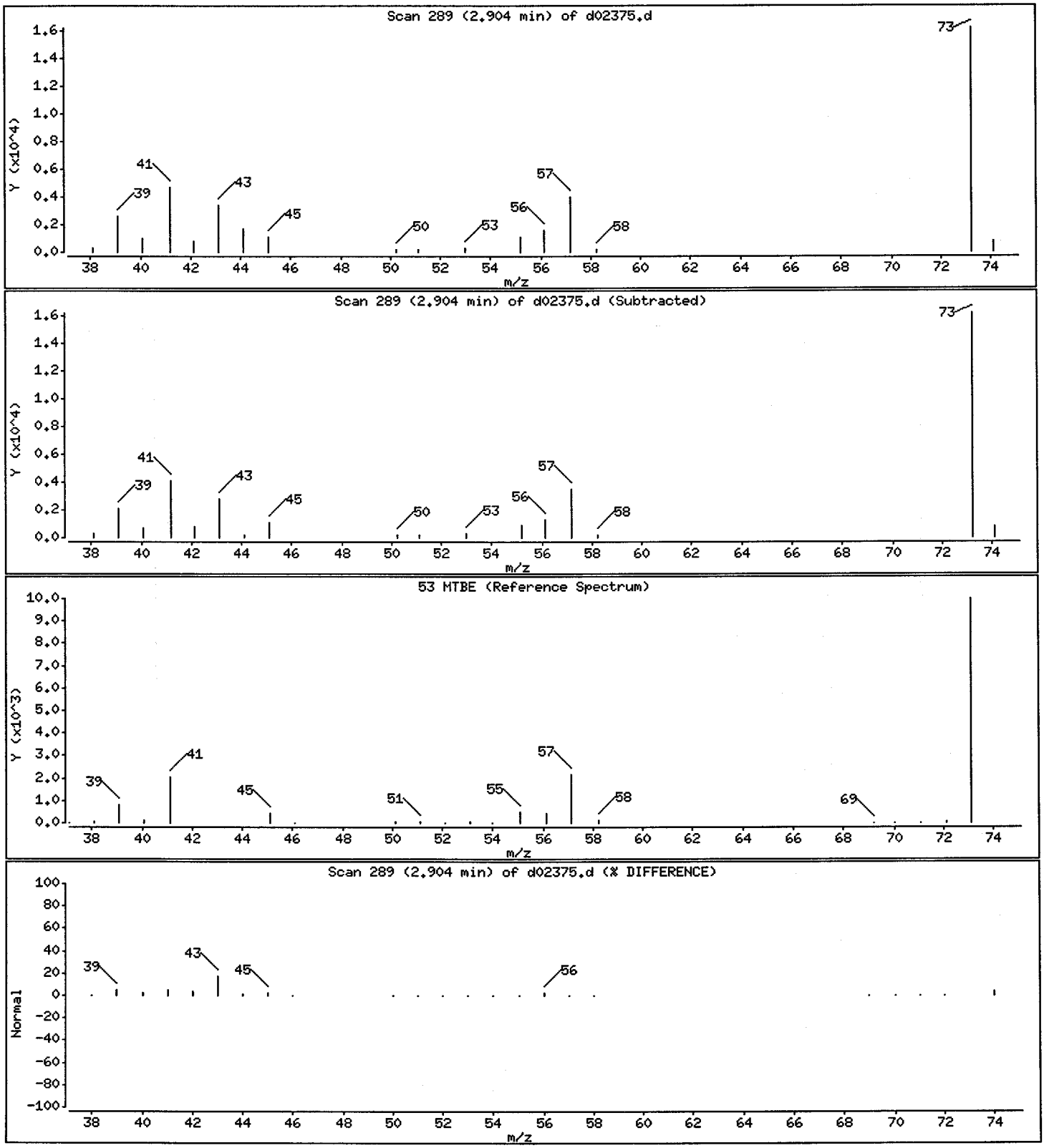
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 17 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

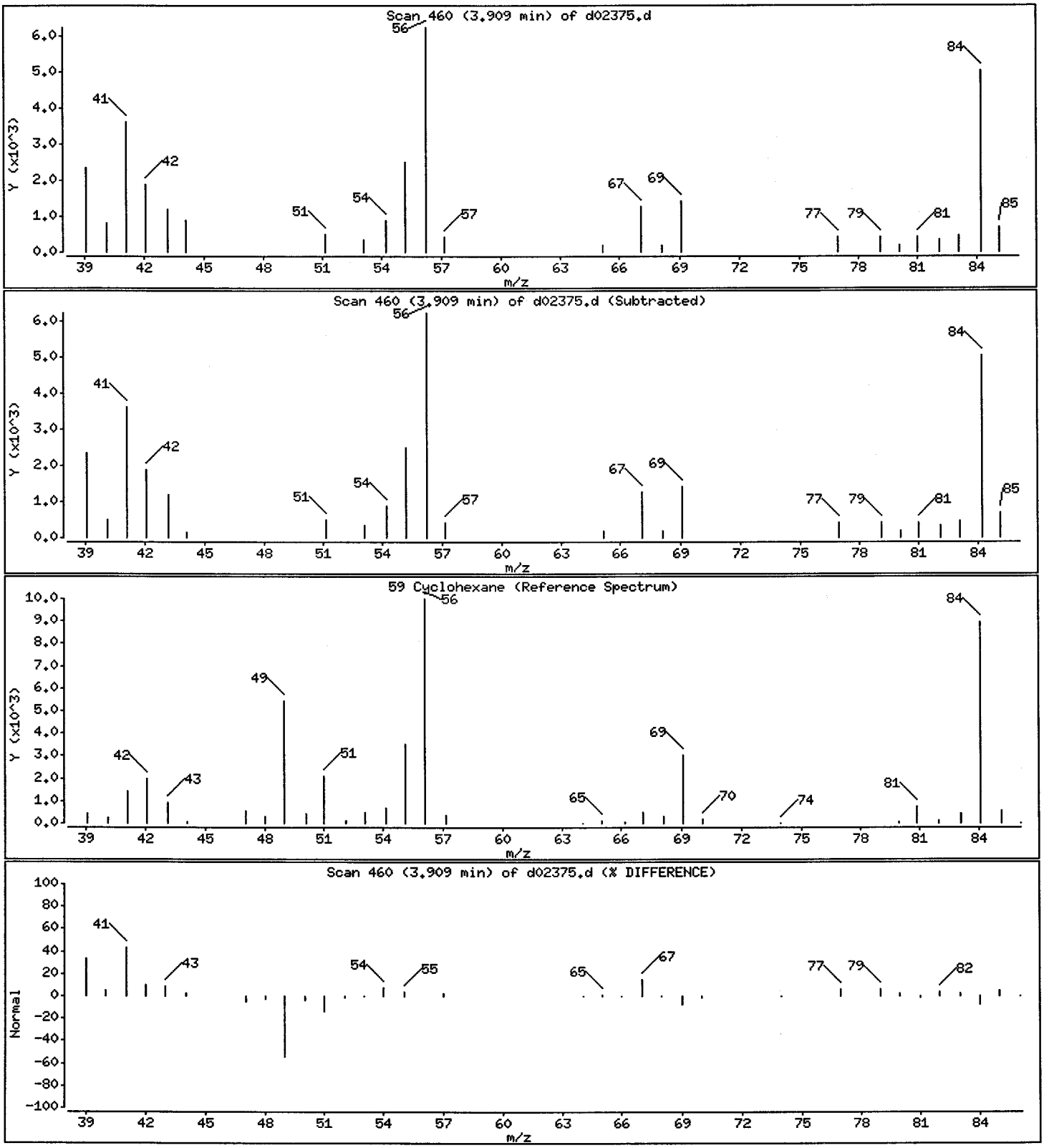
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

59 Cyclohexane Concentration: 13 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

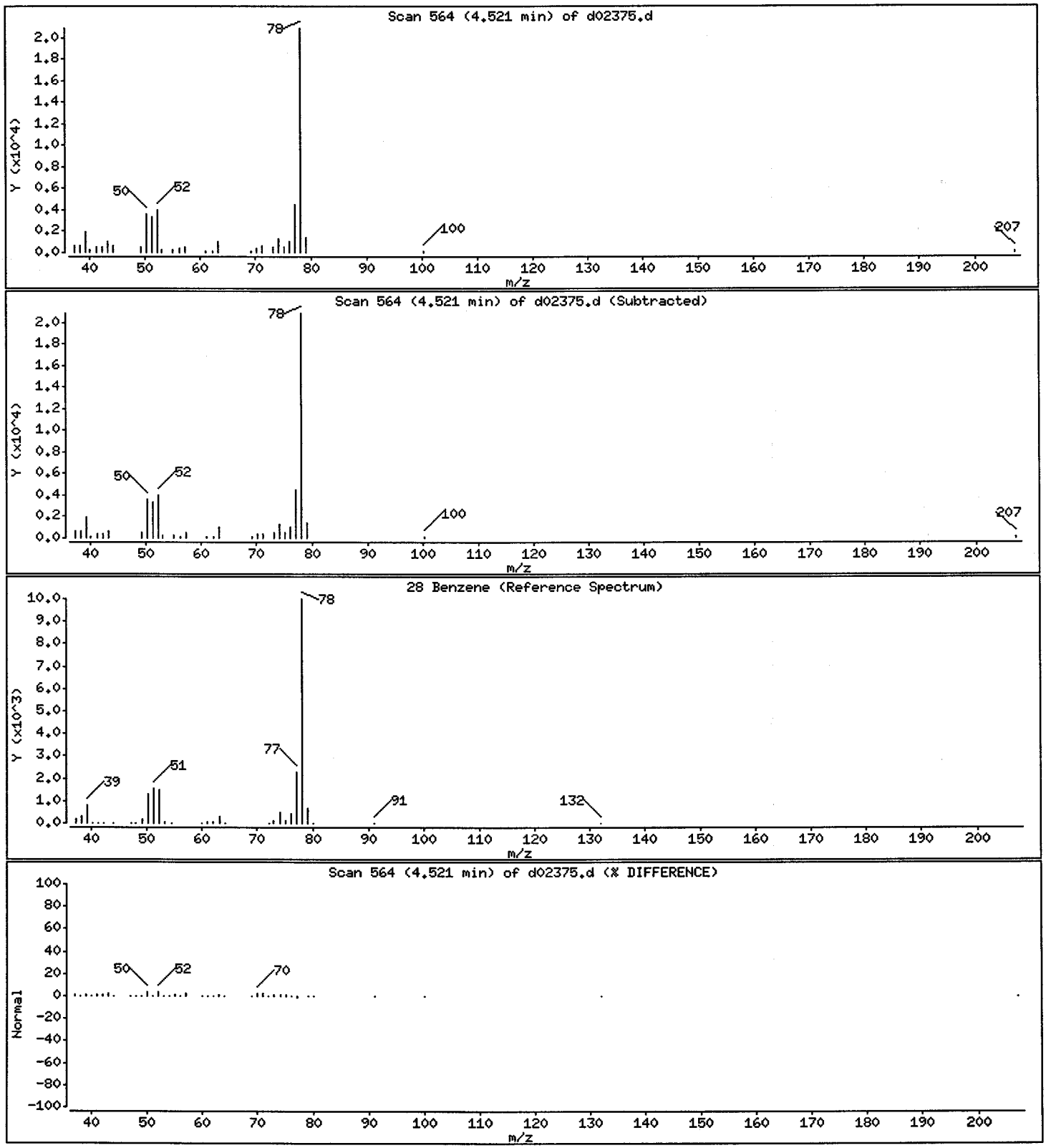
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 14 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

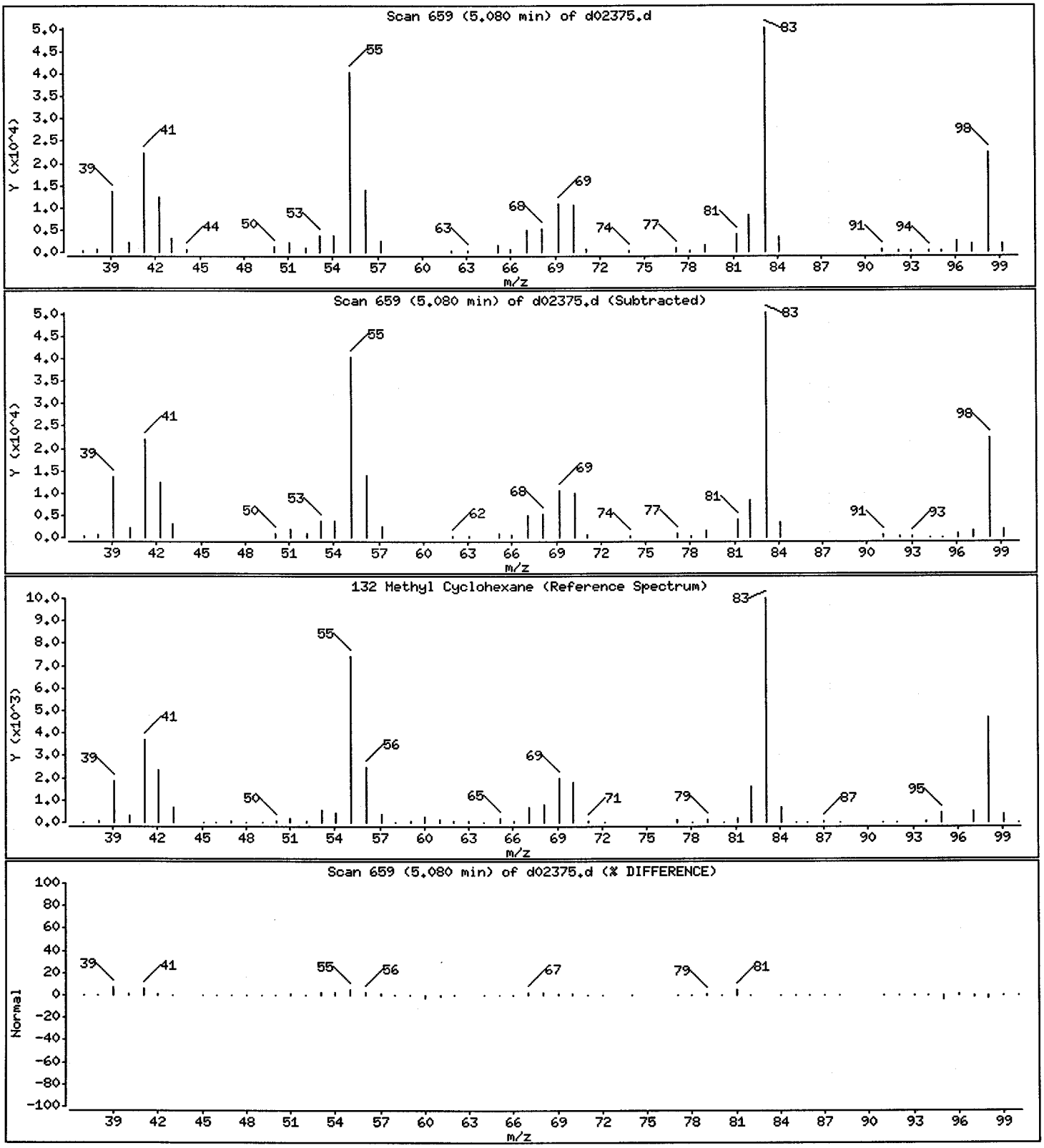
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

132 Methyl Cyclohexane Concentration: 95 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

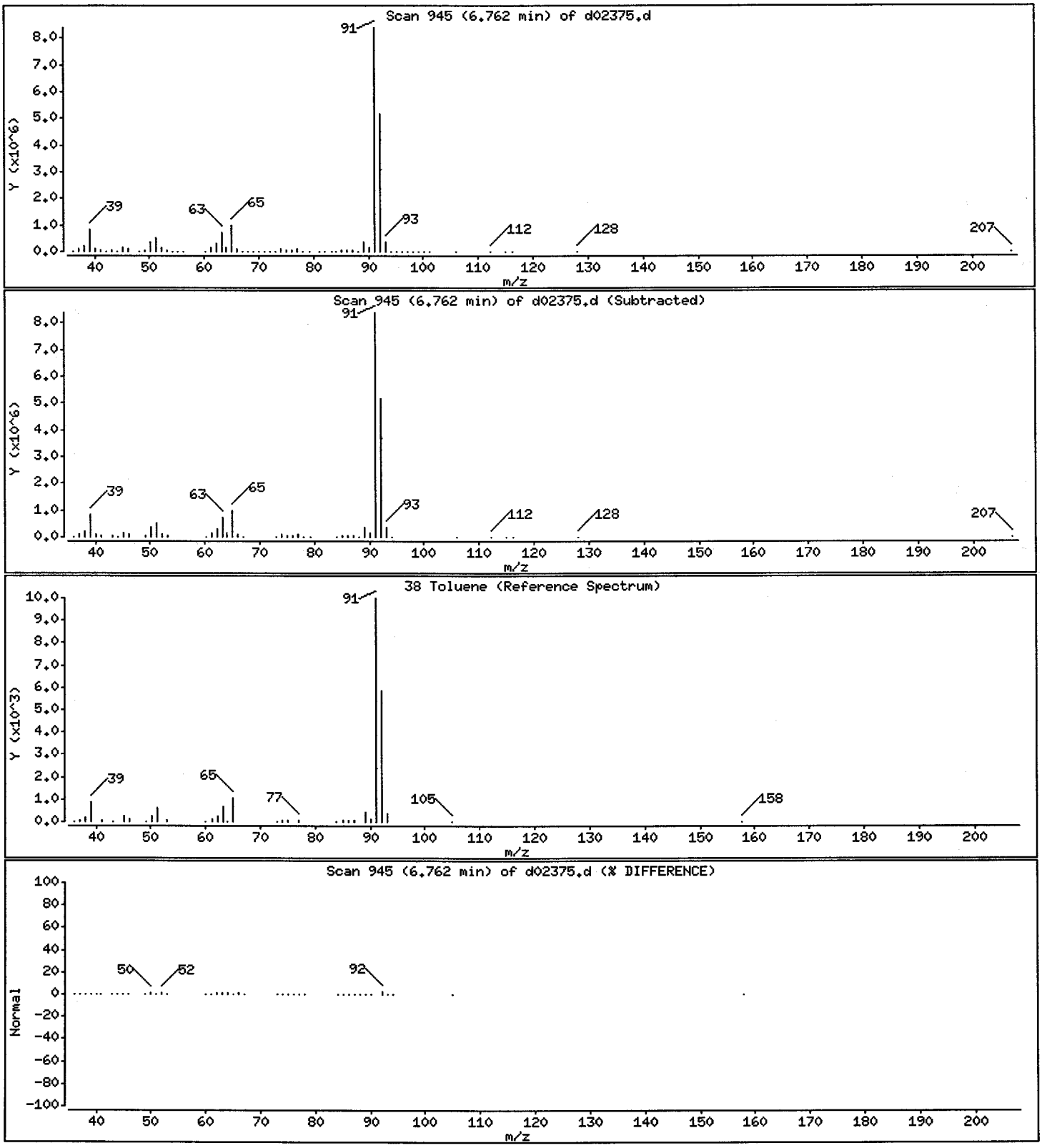
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 6700 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

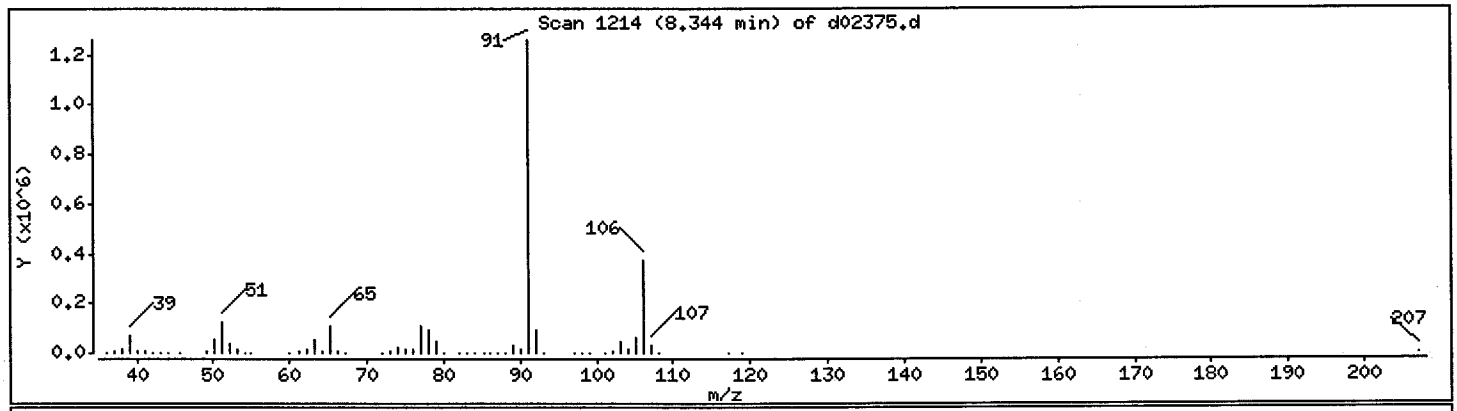
Client ID: 080408-04 Instrument: VOAMS4.i

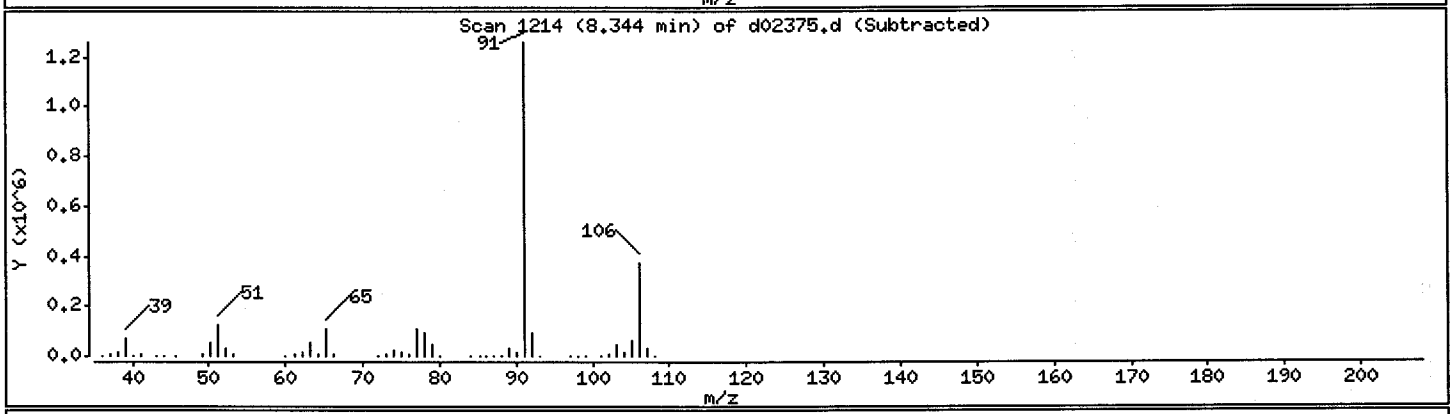
Sample Info: 940031;10

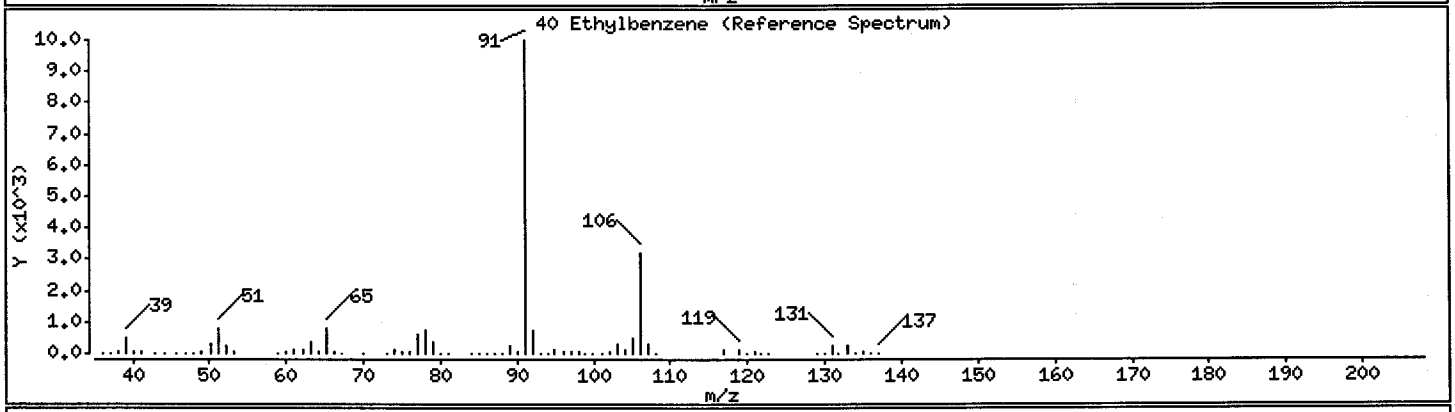
Purge Volume: 5.0 Operator: VOAMS 13

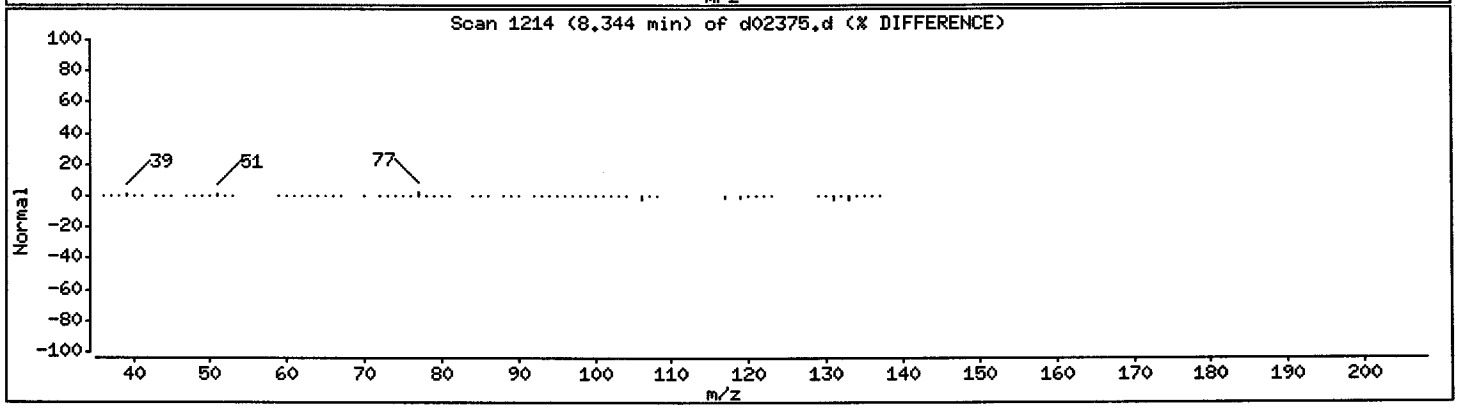
Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 550 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

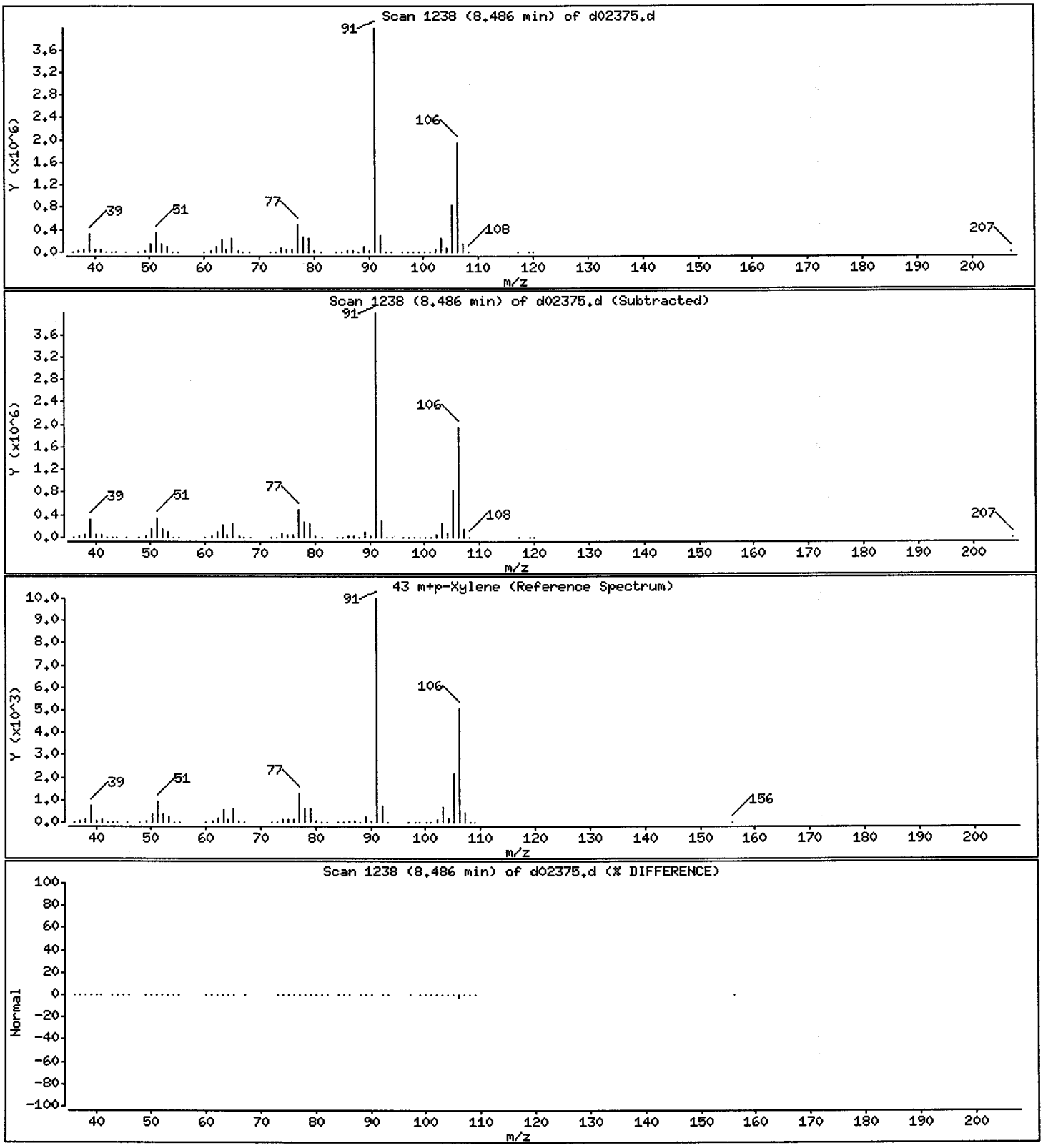
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 2300 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

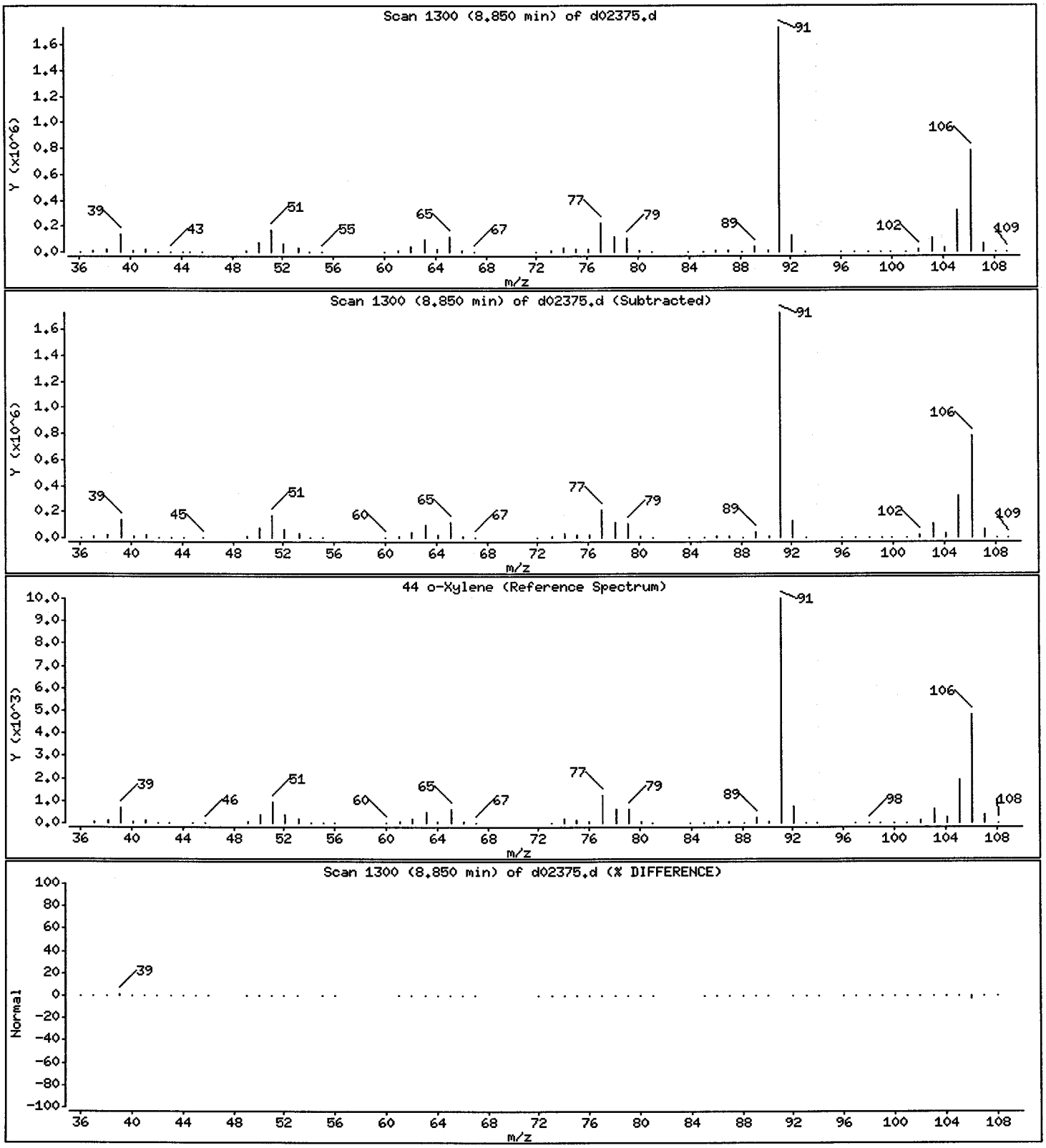
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 900 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

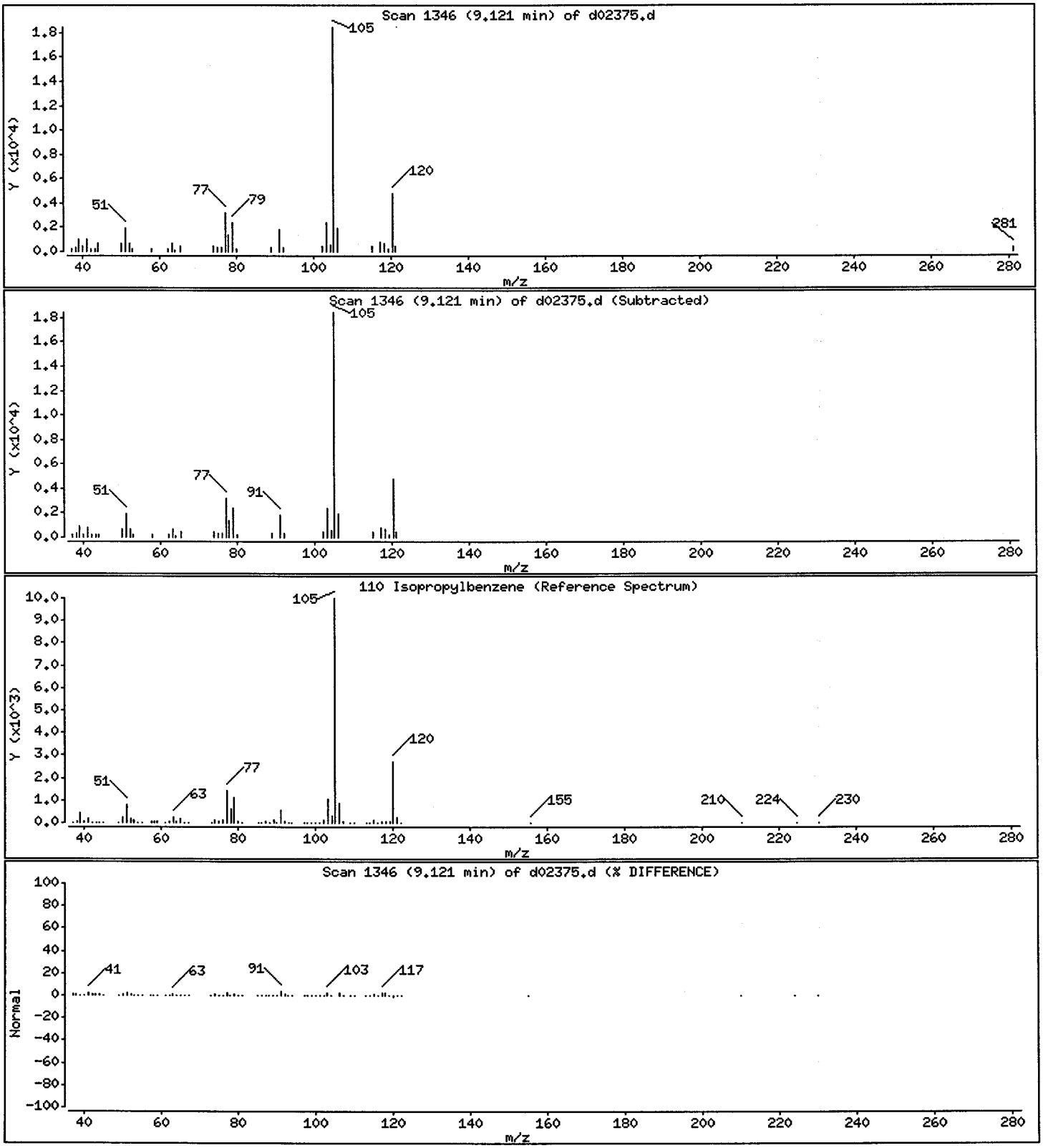
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 9.0 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

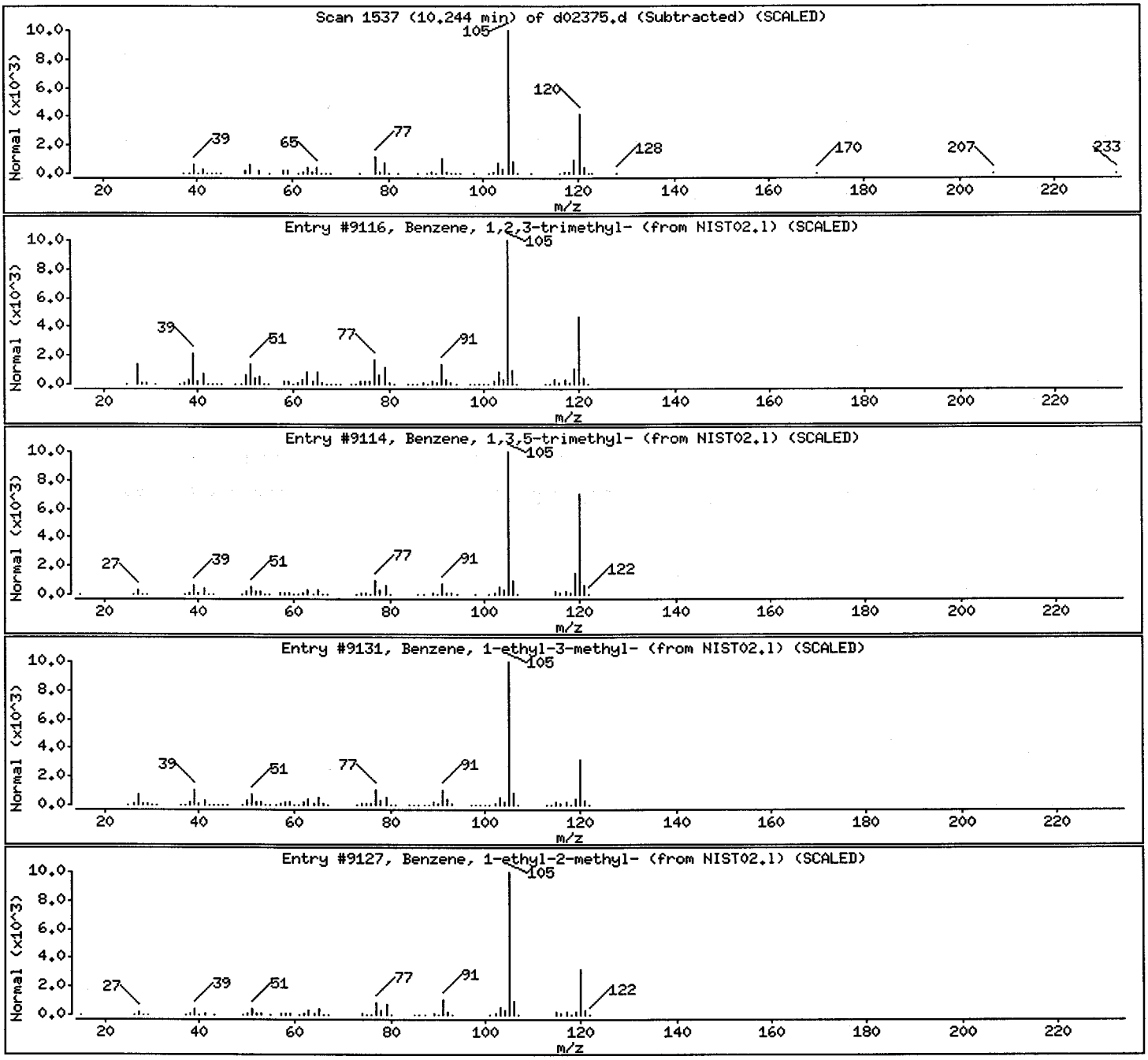
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9116	91	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9114	91	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9131	91	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9127	90	C9H12	120



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

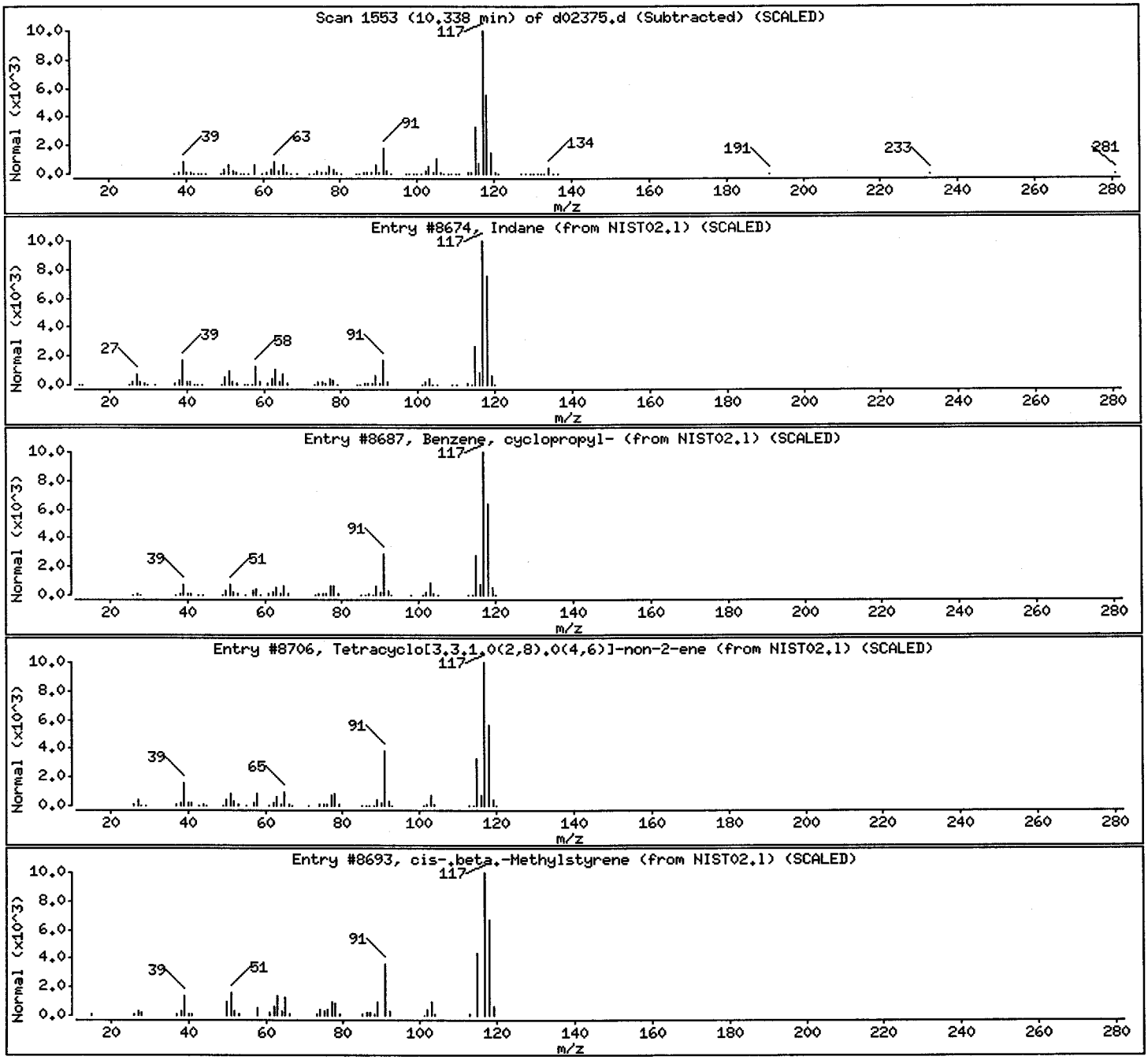
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	76	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8687	76	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-en	1000191-13-7	NIST02.l	8706	68	C9H10	118
cis-.beta.-Methylstyrene	766-90-5	NIST02.l	8693	58	C9H10	118



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

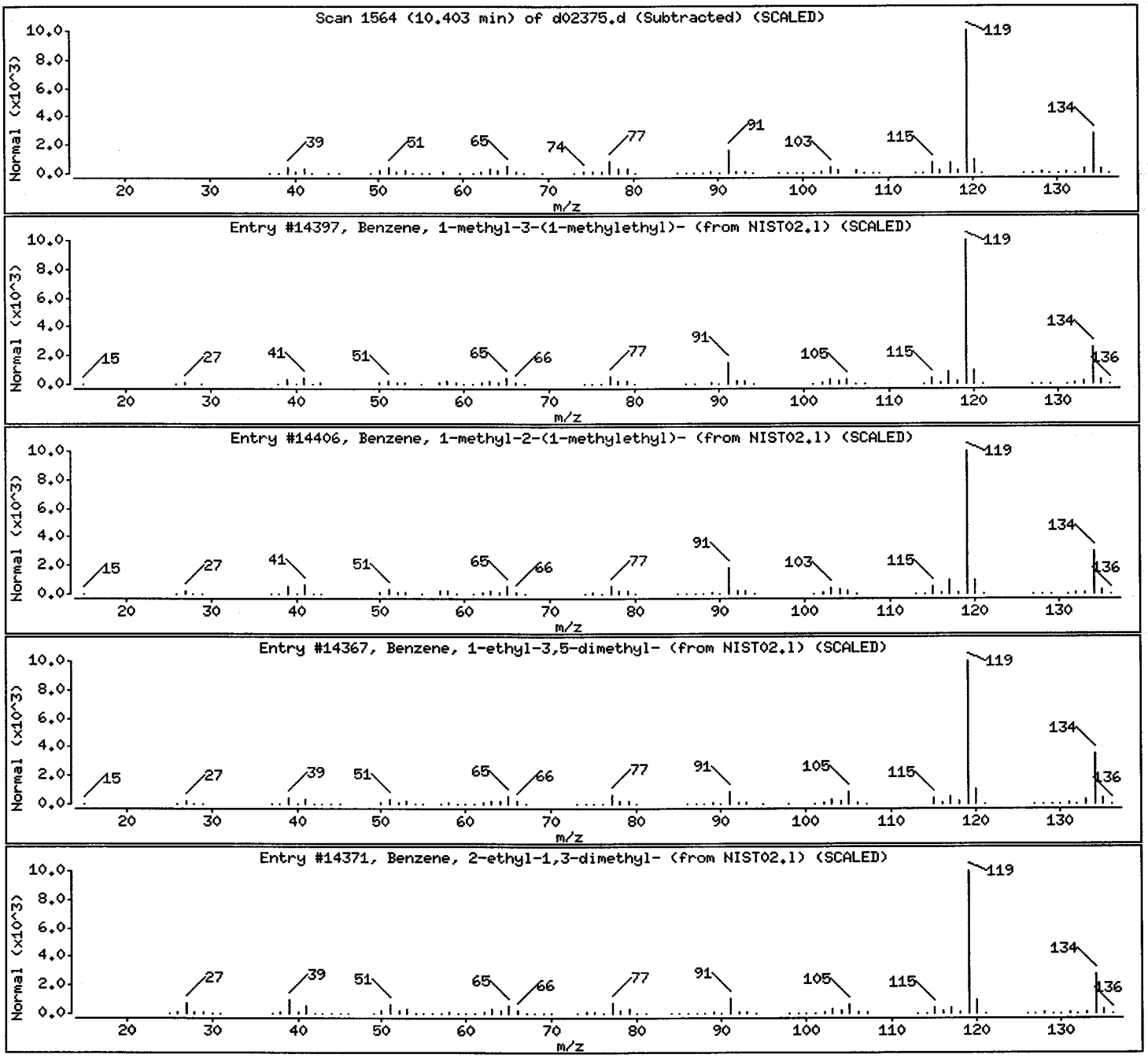
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.l	14397	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	95	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	94	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14371	91	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

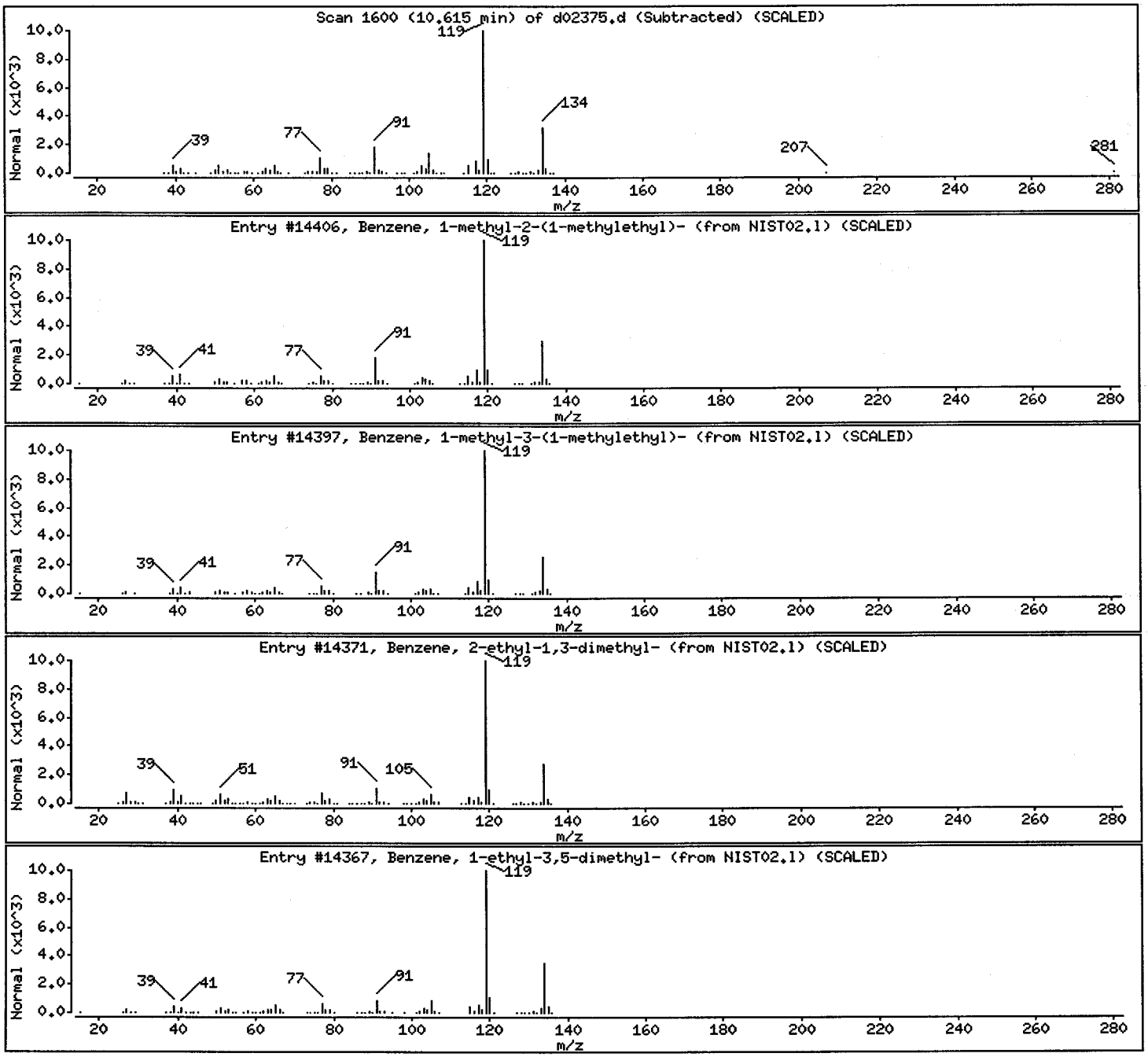
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	94	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.l	14397	93	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14371	93	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	91	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

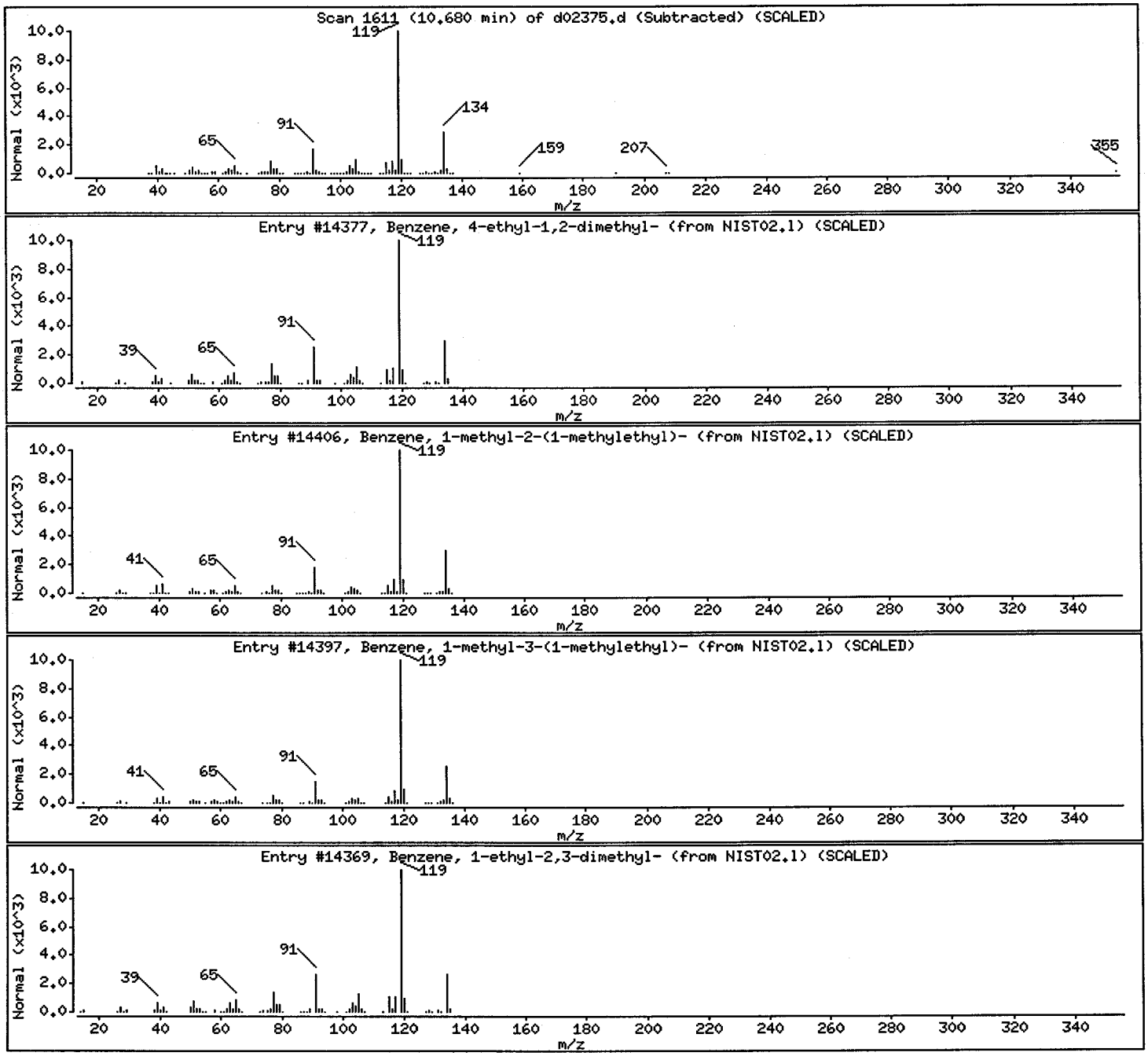
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	95	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.l	14397	95	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	95	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

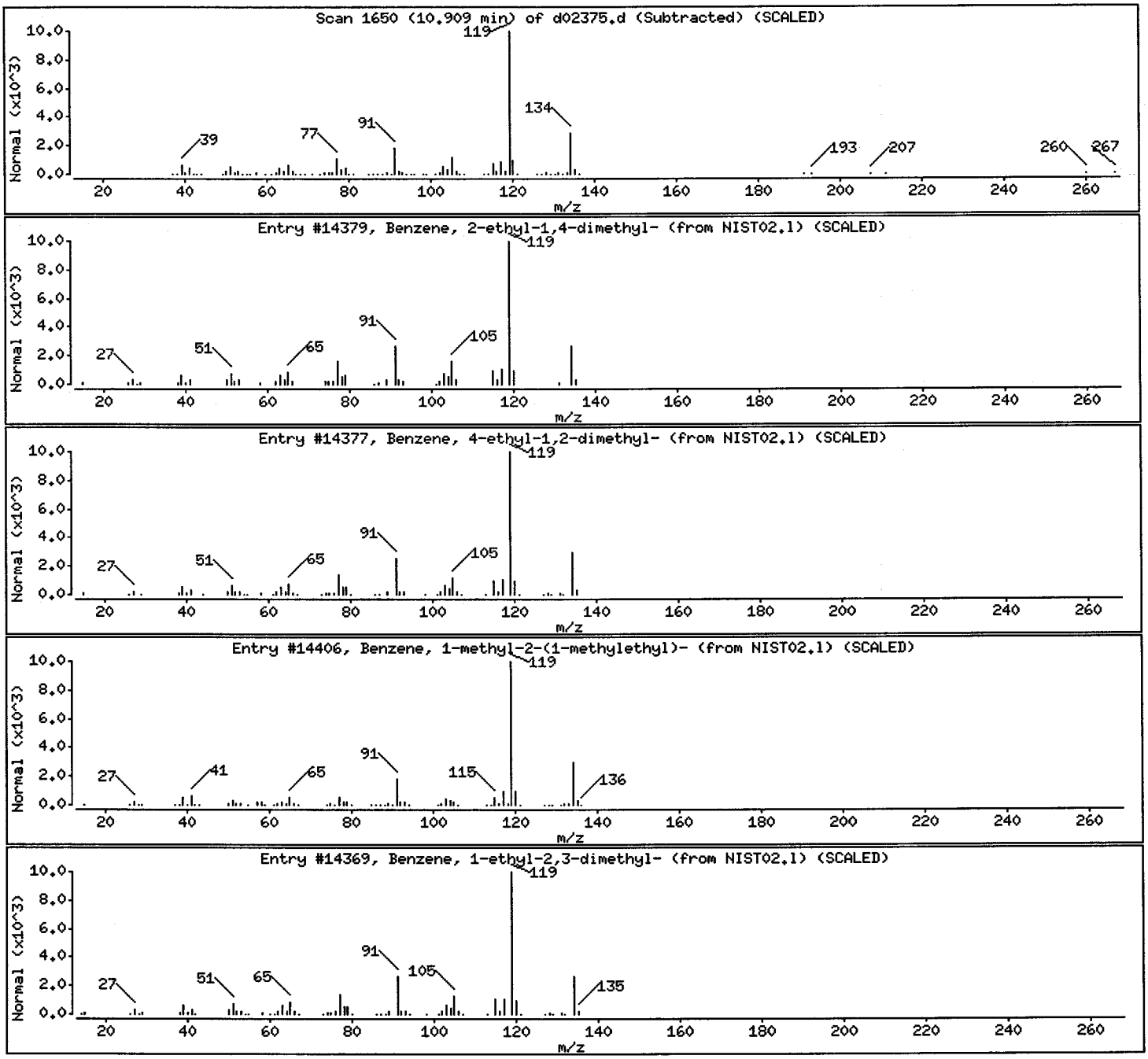
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14379	96	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	95	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	95	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

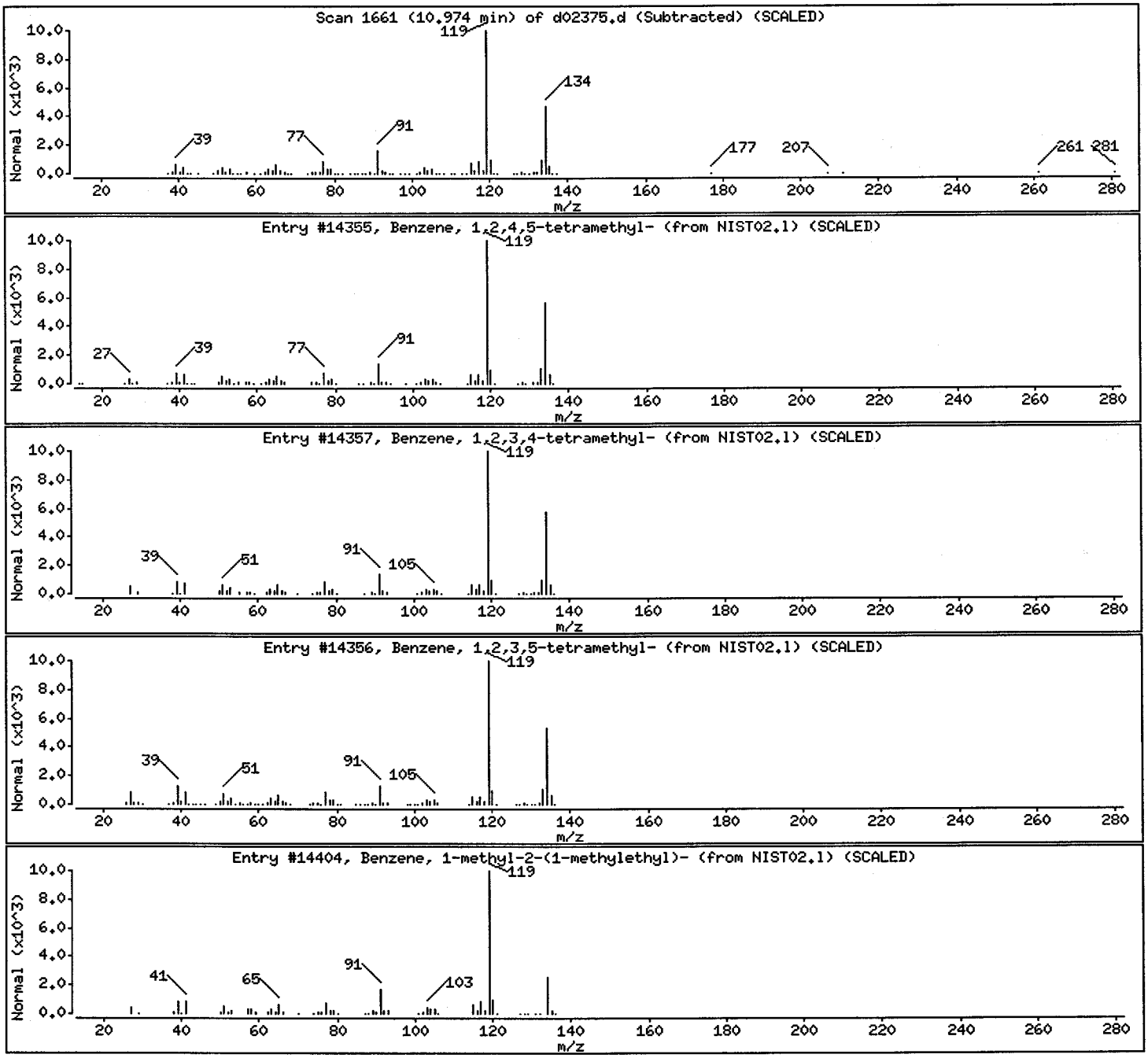
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	97	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14357	97	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	96	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14404	95	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

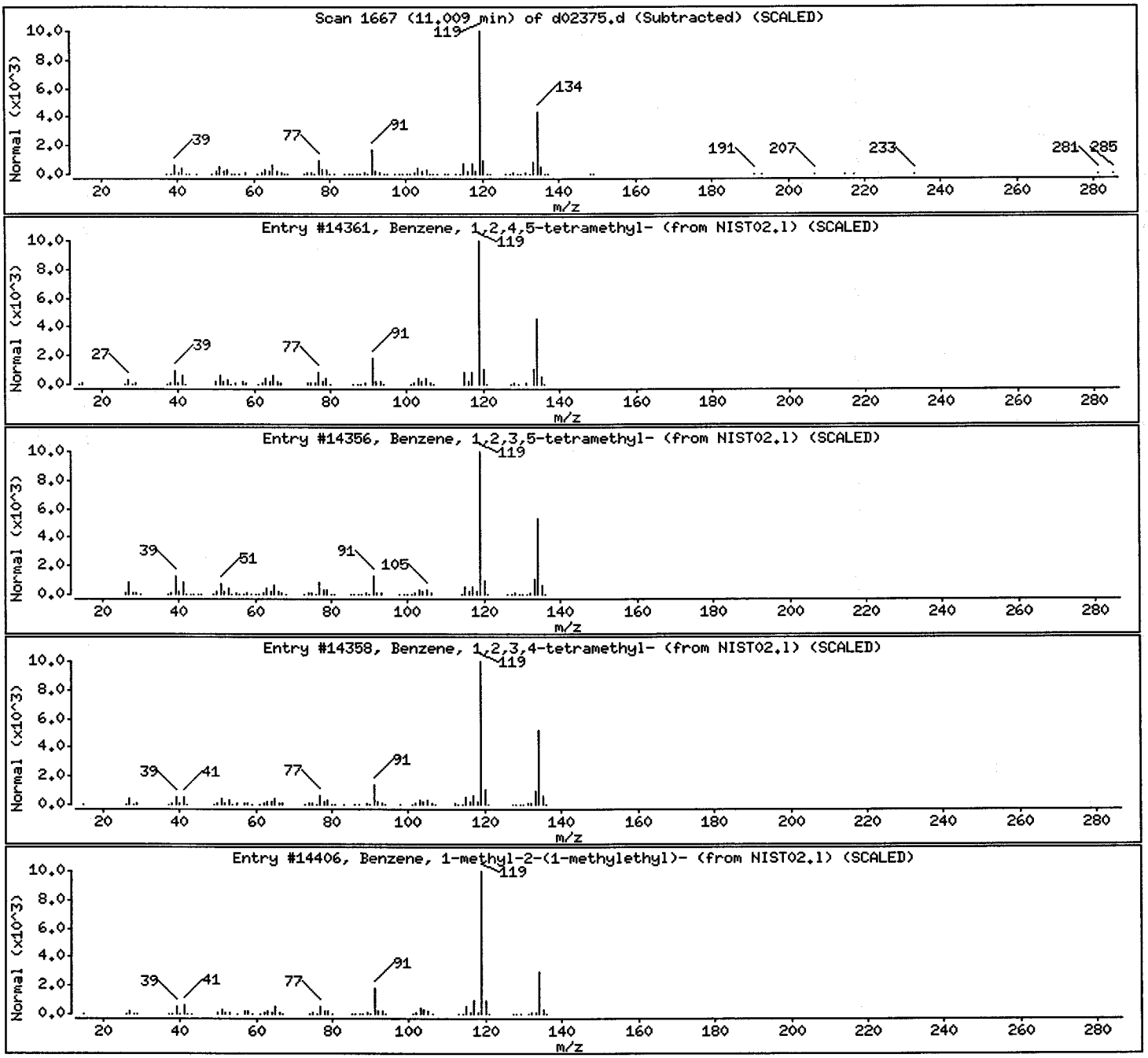
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	95	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	95	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

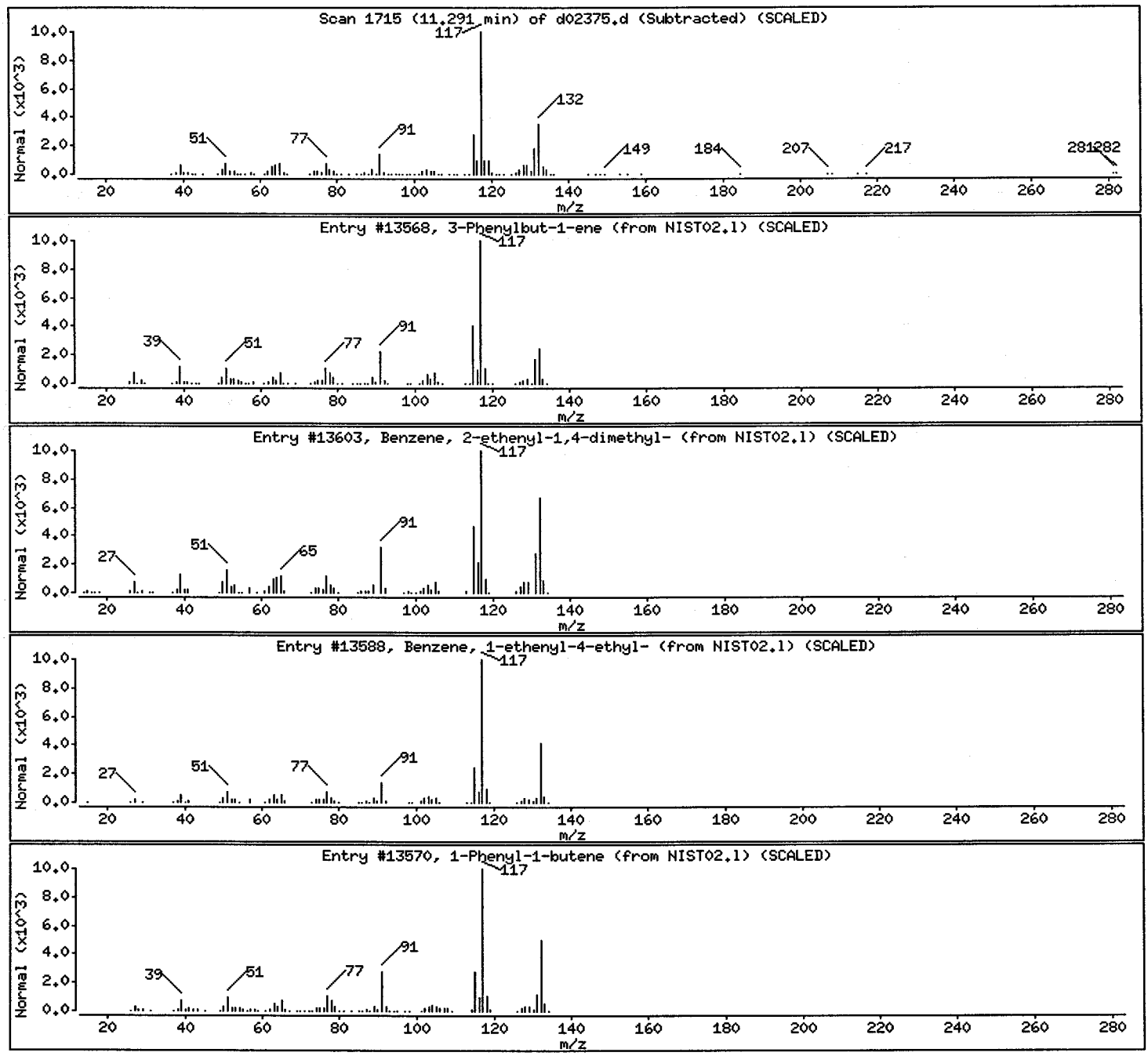
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	93	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	92	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	91	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13570	90	C10H12	132



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02375.d

Date : 15-AUG-2008 06:33

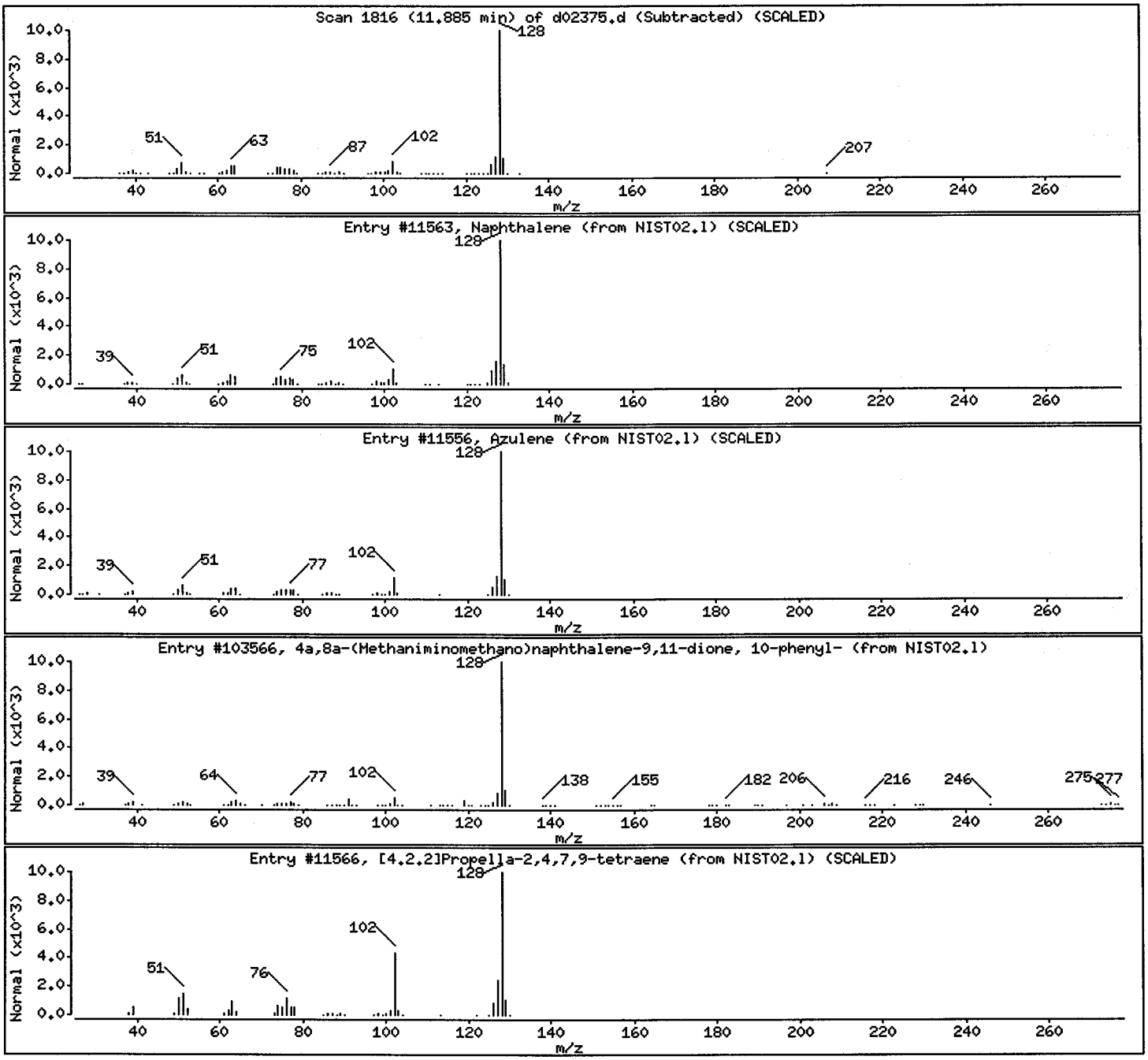
Client ID: 080408-04 Instrument: VOAMS4.i

Sample Info: 940031;10

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.l	11563	97	C10H8	128
Azulene	275-51-4	NIST02.l	11556	93	C10H8	128
4a,8a-(Methaniminomethano)naphthalene-9,	69915-10-2	NIST02.l	103566	78	C18H13NO2	275
[4.2.2]Propella-2,4,7,9-tetraene	88090-34-0	NIST02.l	11566	50	C10H8	128



Client ID: **080408-04D1**
Site: GM Wilmington-17338

Lab Sample No: **940031D1**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02222.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 100.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	7500	500

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02222.d
Report Date: 19-Aug-2008 11:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

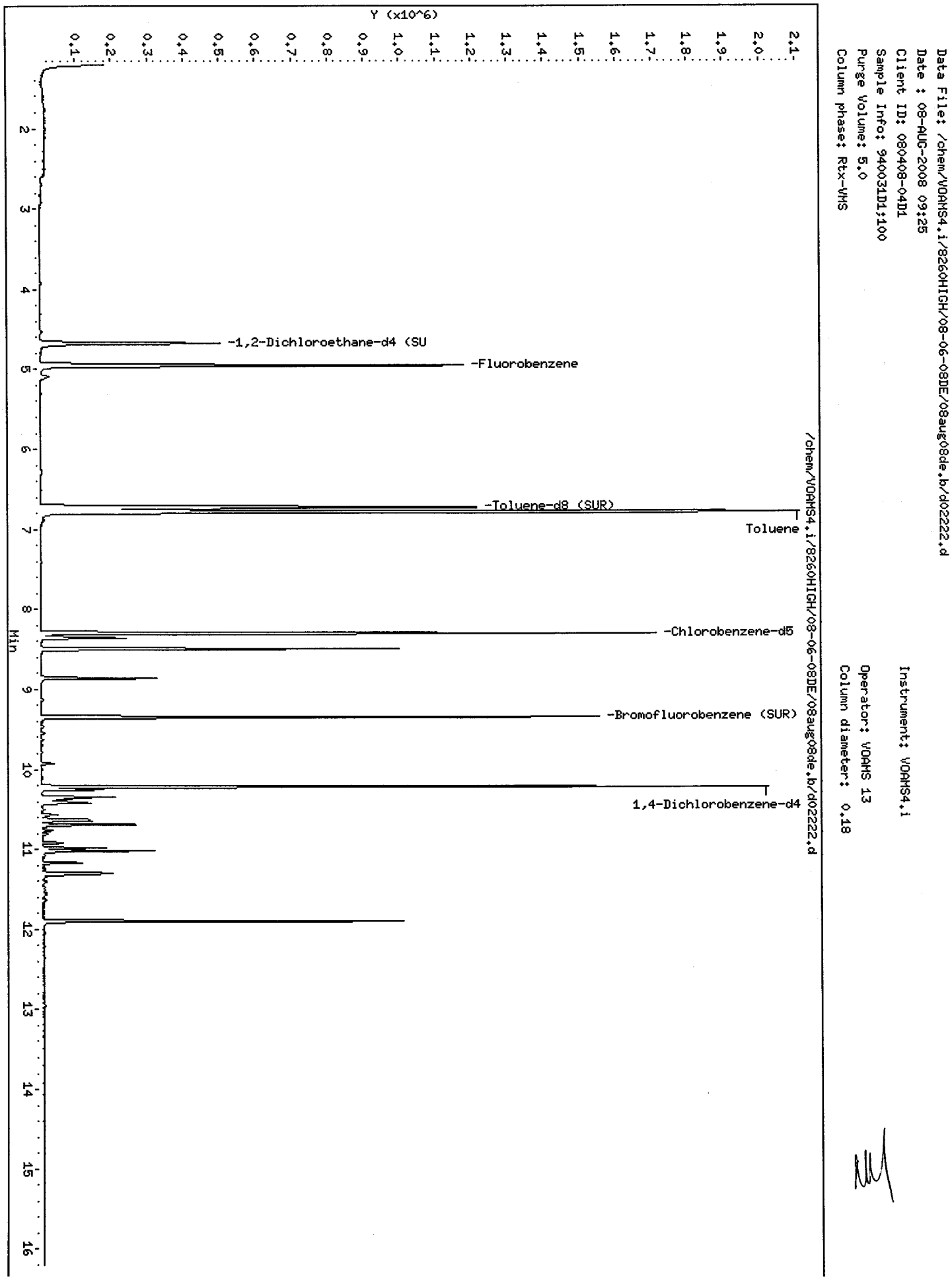
Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02222.d
Lab Smp Id: 940031D1 Client Smp ID: 080408-04D1
Inj Date : 08-AUG-2008 09:25
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940031D1;100
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 10:54 pritch Quant Type: ISTD
Cal Date : 08-AUG-2008 05:26 Cal File: d02212.d
Als bottle: 11
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: Tol.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	378231	50.7752	51
* 19 Fluorobenzene	96	4.950	4.950	(1.000)	938429	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.721	(0.810)	780289	52.0267	52
38 Toluene	91	6.780	6.780	(0.817)	1554808	75.2753	7500
* 32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	662880	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	242342	52.1237	52
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.215	(1.000)	309517	50.0000	


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02222.d
Date : 08-AUG-2008 09:25
Client ID: 080408-04D1
Sample Info: 940031D1;100
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Toluene-d8 (SUR)
Toluene
-Chlorobenzene-d5
-Bromofluorobenzene (SUR)
1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02222.d

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02222.d

Date : 08-AUG-2008 09:25

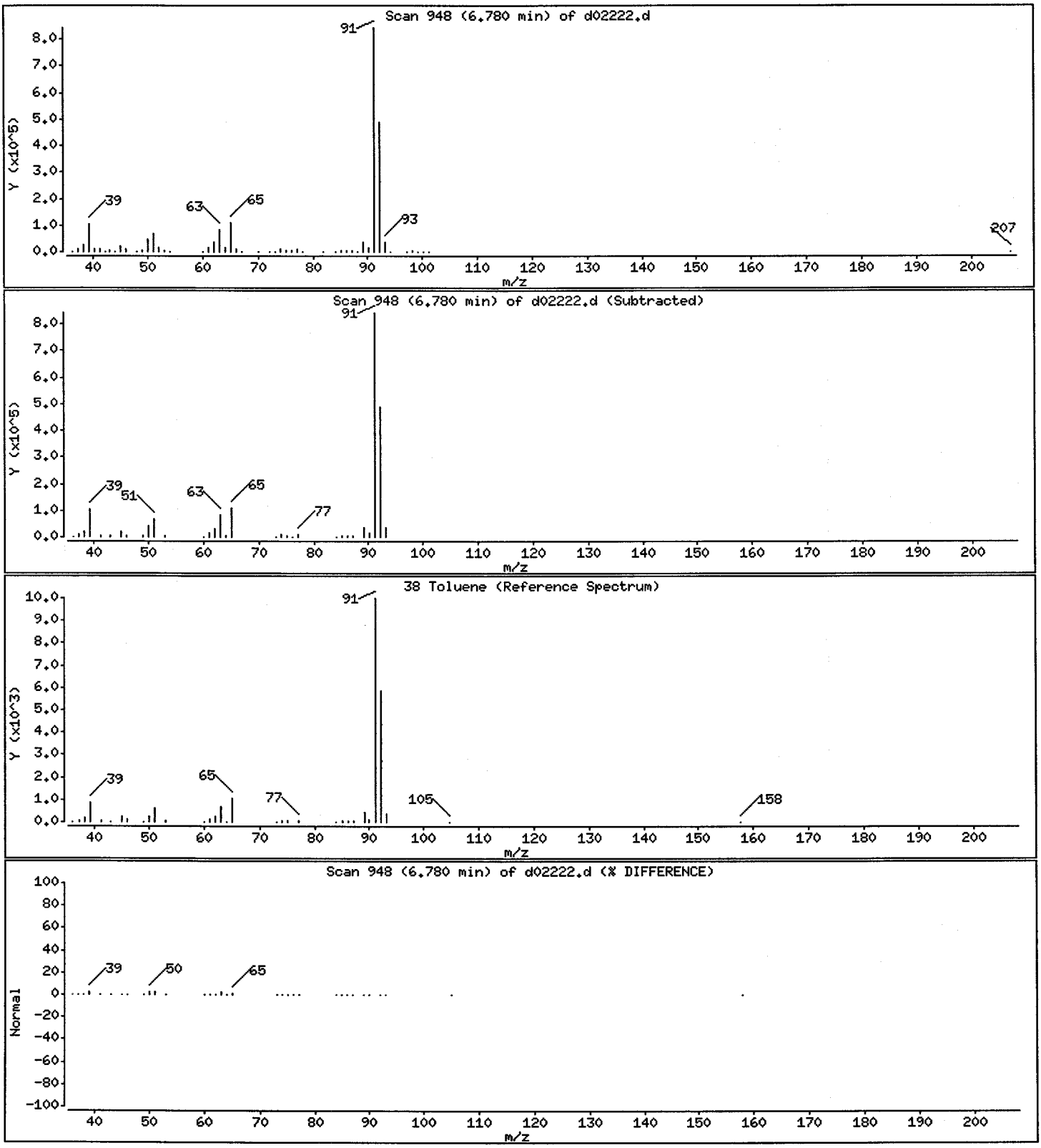
Client ID: 080408-04D1 Instrument: VOAMS4.i

Sample Info: 940031D1;100

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 7500 ug/L



Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02220.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	6.9	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02220.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	0.3J	5.0
Freon TF	ND	5.0
MTBE	4.2J	5.0
Cyclohexane	36	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	18	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	13	5.0

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02220.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	C5H12 Alkane	1.74	14	
2.	C6H14 Alkane	2.52	9.6	
3.	Diisopropyl ether	3.23	6.7	
4.	C6H12 Cycloalkane	3.36	6.4	
5.	Benzene, propyl-	9.47	6.9	
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 44

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d
Report Date: 19-Aug-2008 11:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d
Lab Smp Id: 940032 Client Smp ID: 080408-05
Inj Date : 08-AUG-2008 08:37
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940032
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 10:54 pritch Quant Type: ISTD
Cal Date : 08-AUG-2008 05:26 Cal File: d02212.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

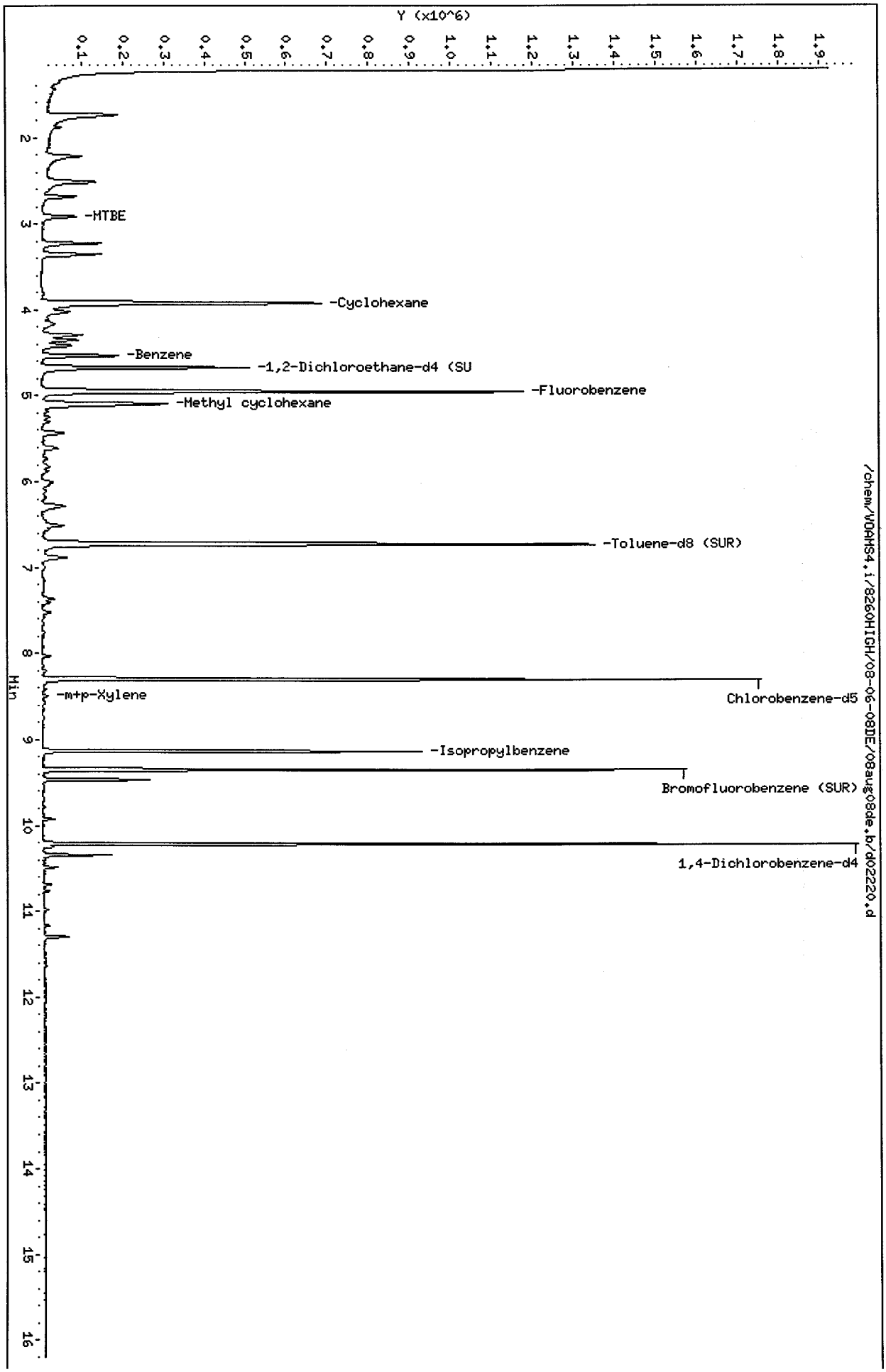
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
53 MTBE	73	2.915	2.915	(0.589)	74370	4.22470	4.2(a)
59 Cyclohexane	56	3.921	3.921	(0.792)	337708	36.5494	36
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	378835	50.5878	50
28 Benzene	78	4.533	4.533	(0.916)	152805	6.86987	6.9
* 19 Fluorobenzene	96	4.950	4.950	(1.000)	943408	50.0000	
132 Methyl Cyclohexane	83	5.097	5.097	(1.030)	119004	13.4417	13
$ 37 Toluene-d8 (SUR)	98	6.721	6.721	(0.810)	833830	53.4340	53
* 32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	689708	50.0000	
43 m+p-Xylene	106	8.491	8.491	(1.023)	2830	0.30719	0.31(aH)
110 Isopropylbenzene	105	9.132	9.133	(1.101)	415283	18.1895	18
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	246711	52.0080	52
* 91 1,4-Dichlorobenzene-d4	152	10.215	10.215	(1.000)	315798	50.0000	
M 45 Xylene (Total)	100				2830	0.31598	0.32(a)

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d
Report Date: 19-Aug-2008 11:38

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.


Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
Min
-MTBE
-Cyclohexane
-Benzene
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Methyl cyclohexane
-Toluene-d8 (SUR)
-m+p-Xylene
Chlorobenzene-d5
-Isopropylbenzene
Bromofluorobenzene (SUR)
1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d
Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d
Date : 08-AUG-2008 08:37
Client ID: 080408-05
Sample Info: 940032
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

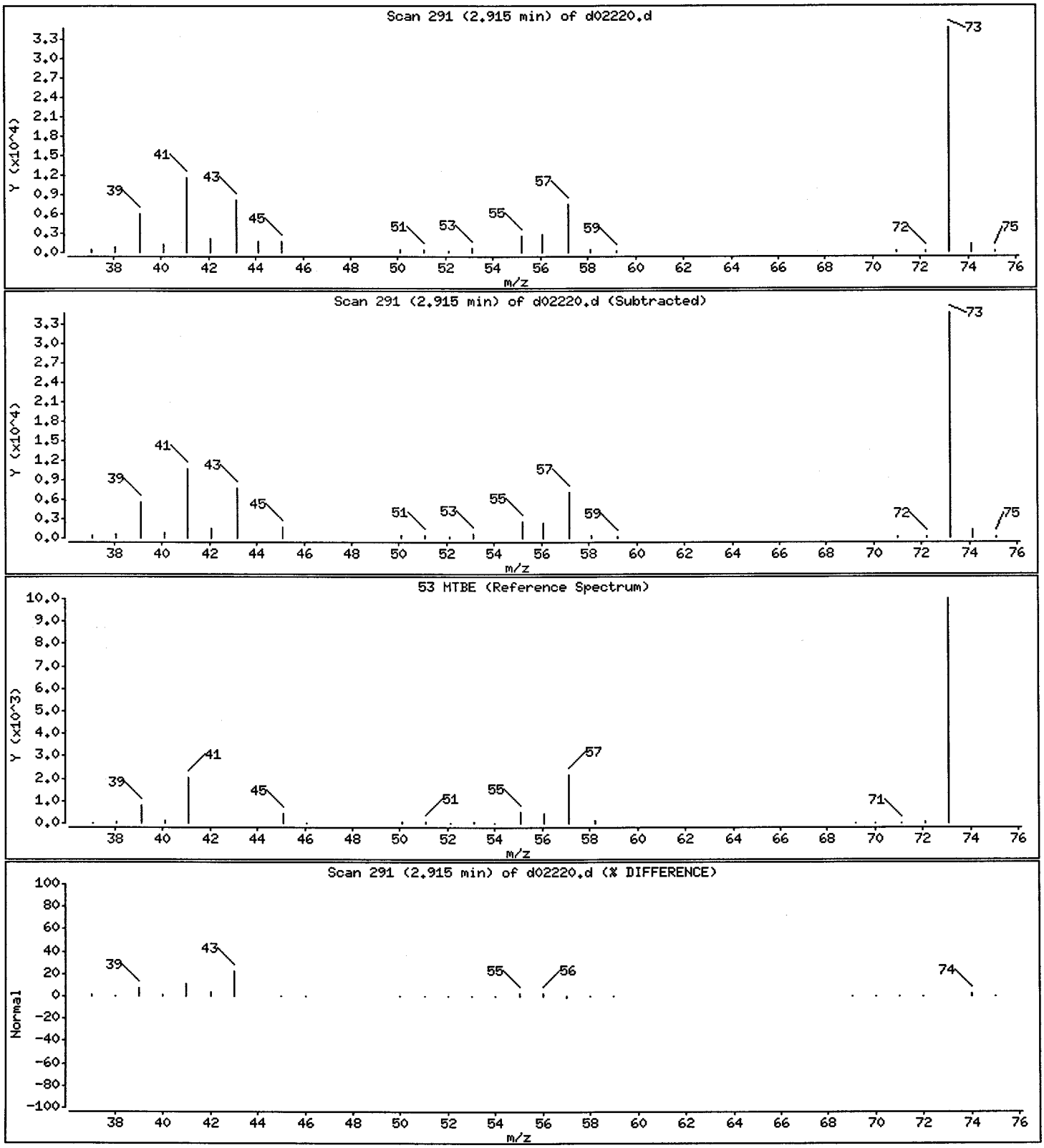
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 4.2 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

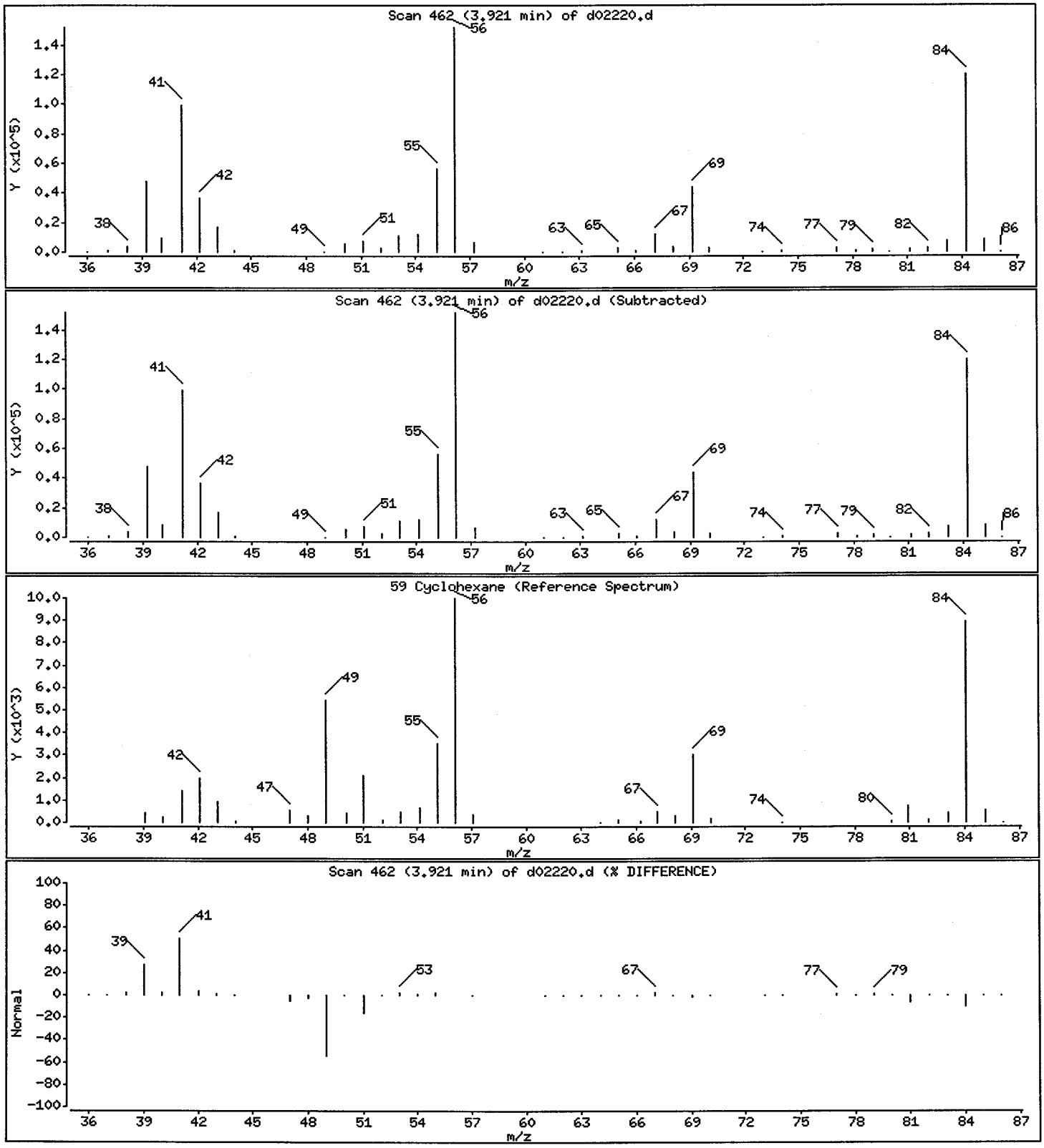
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

59 Cyclohexane Concentration: 36 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

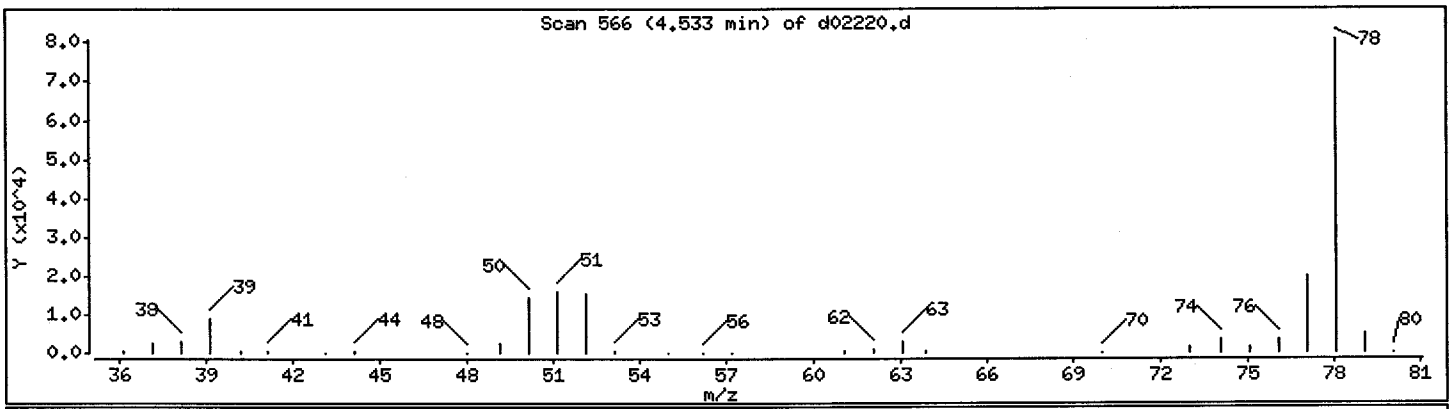
Client ID: 080408-05 Instrument: VOAMS4.i

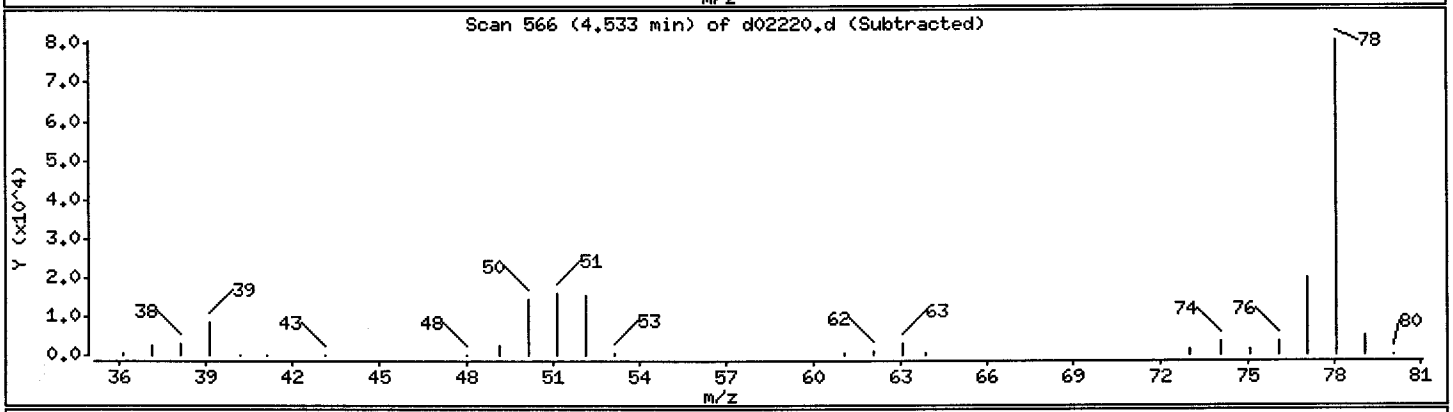
Sample Info: 940032

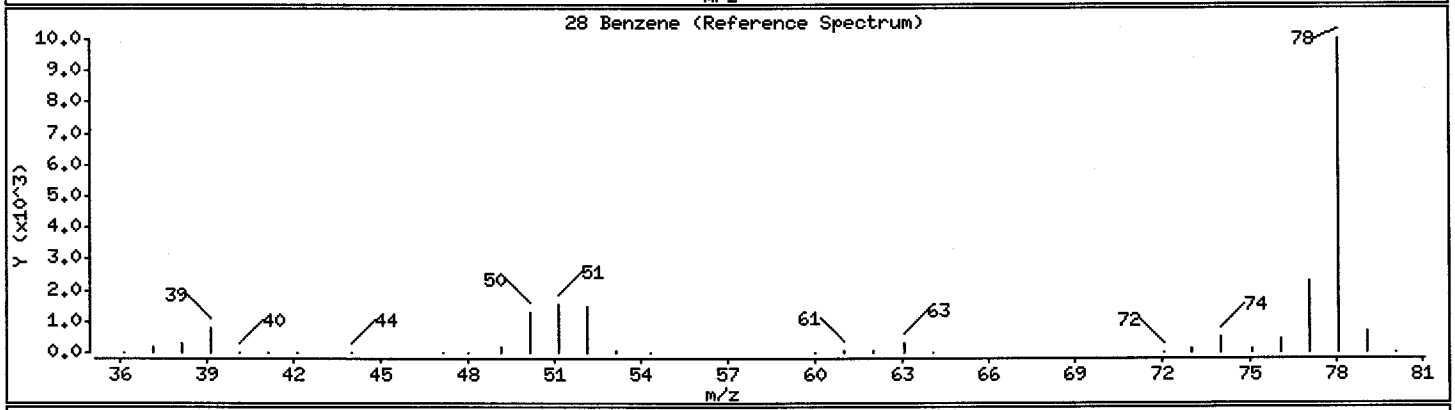
Purge Volume: 5.0 Operator: VOAMS 13

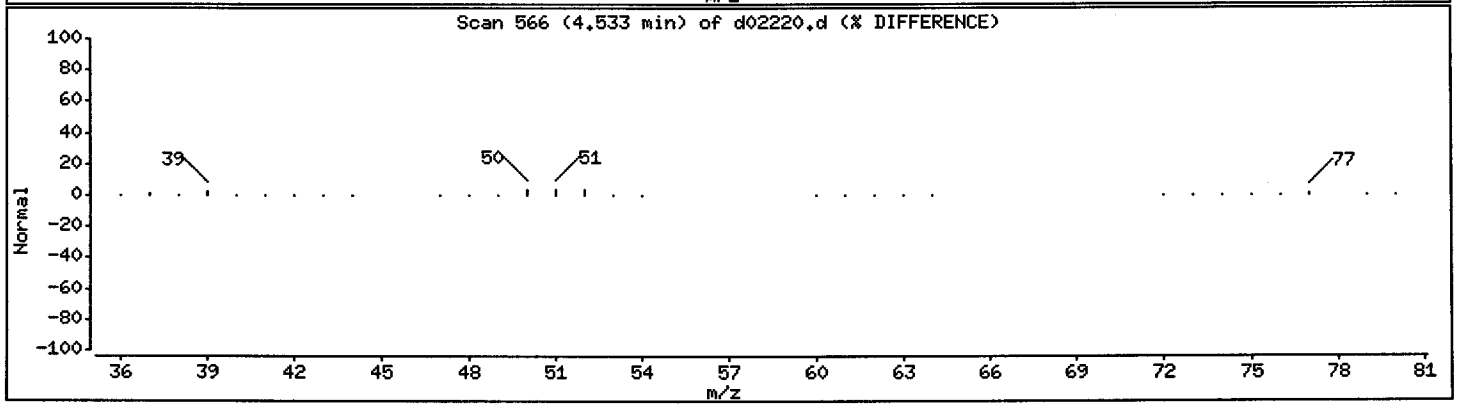
Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 6.9 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

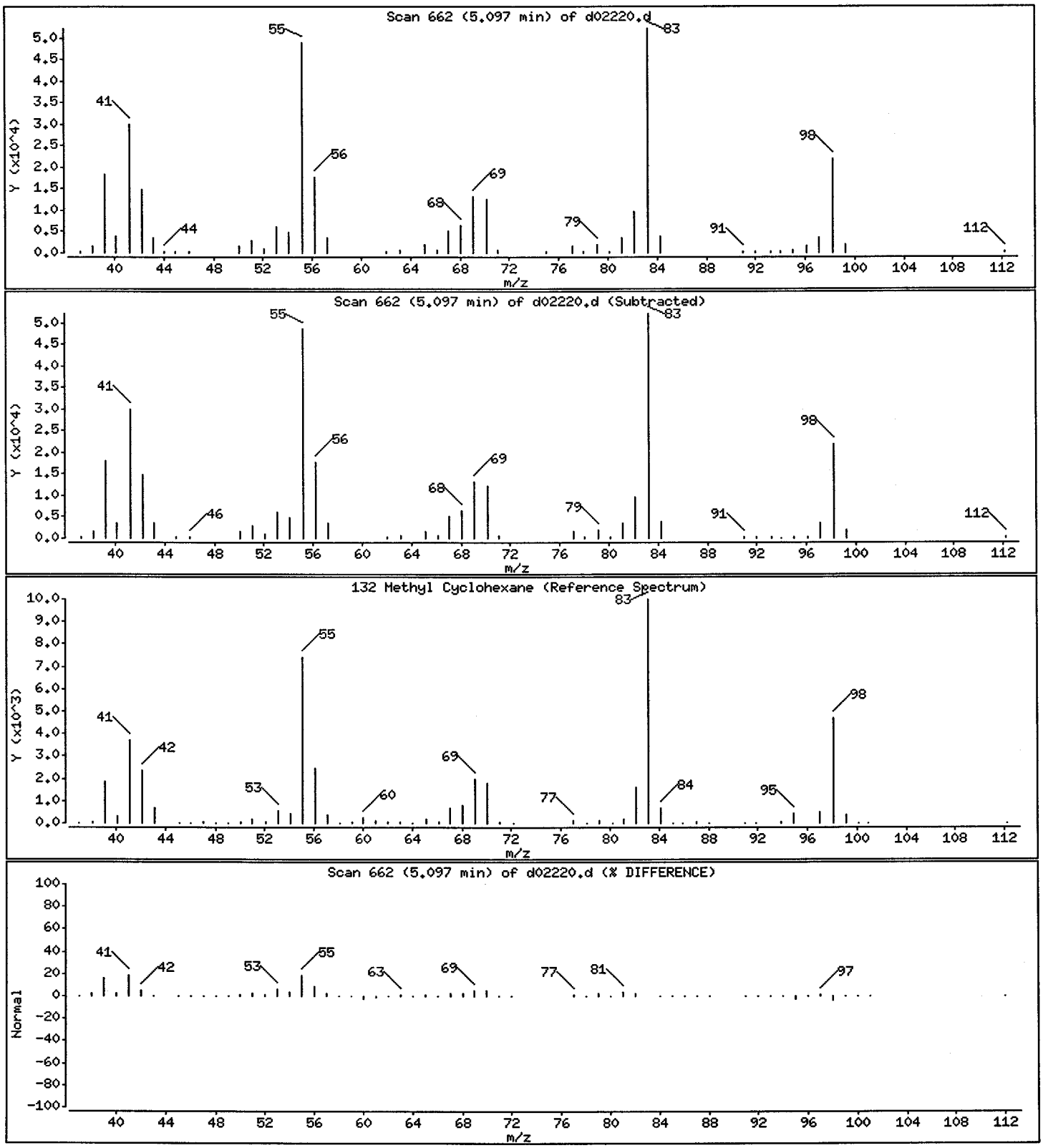
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

132 Methyl Cyclohexane Concentration: 13 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

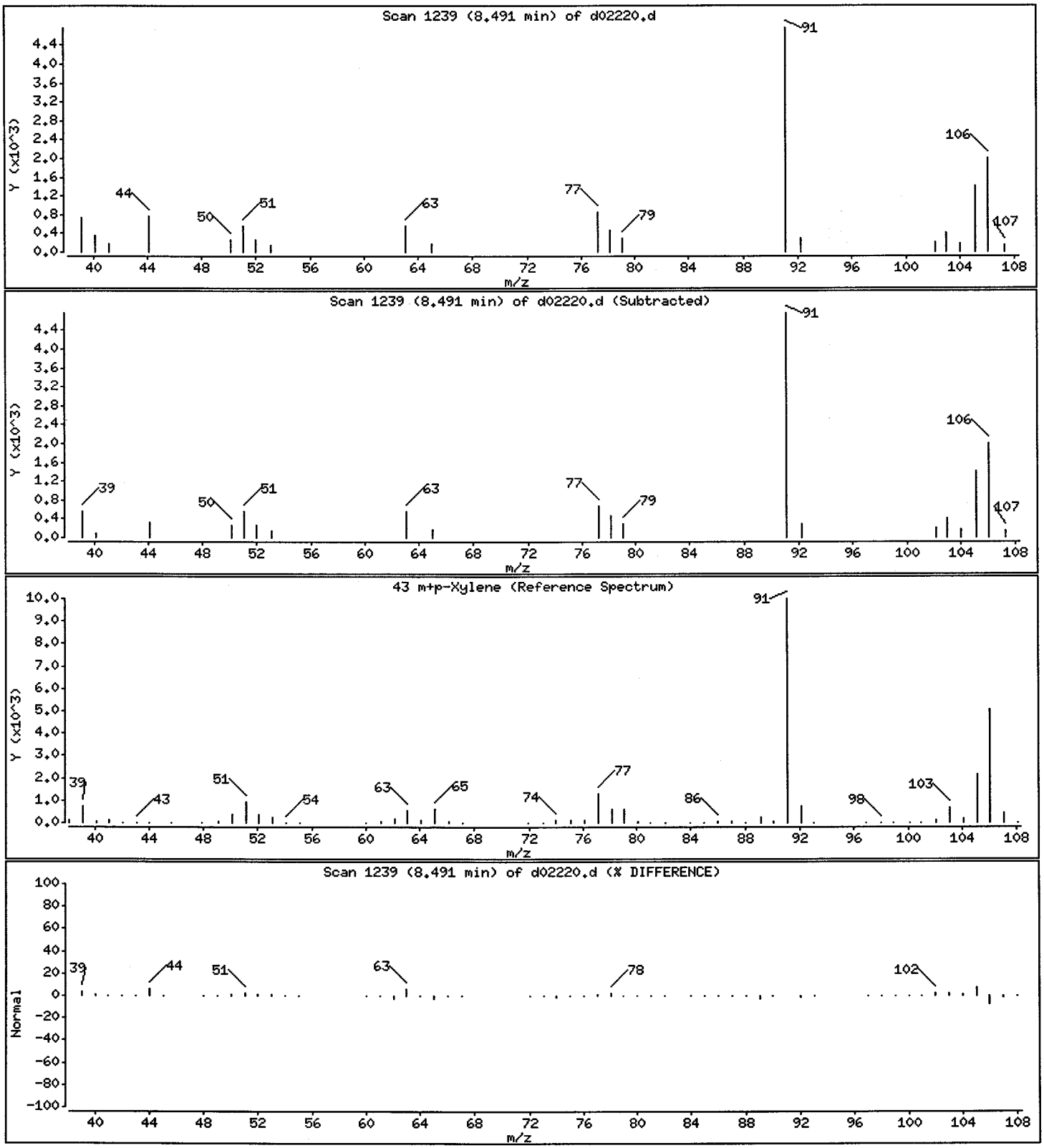
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 0.31 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

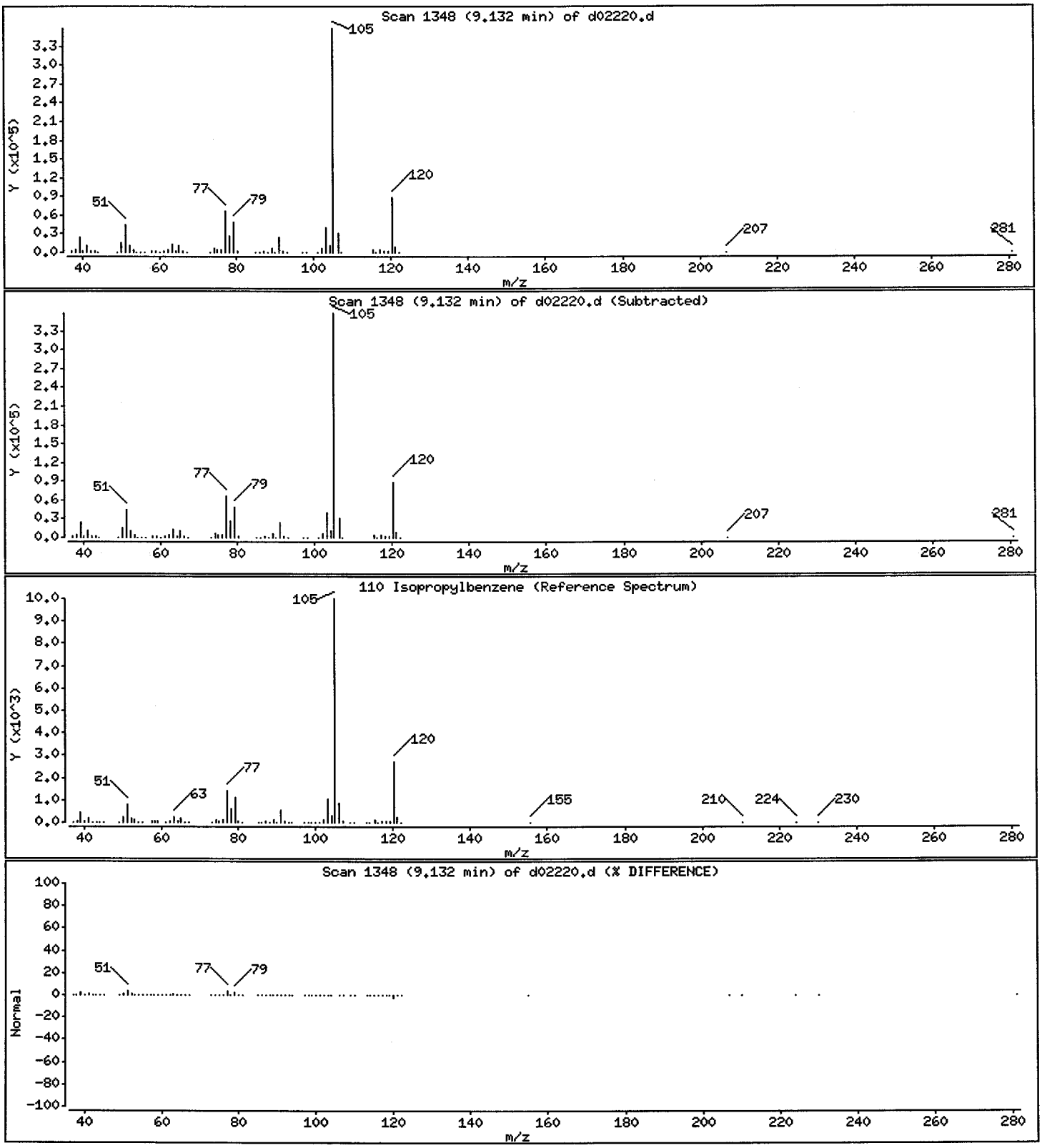
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 18 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

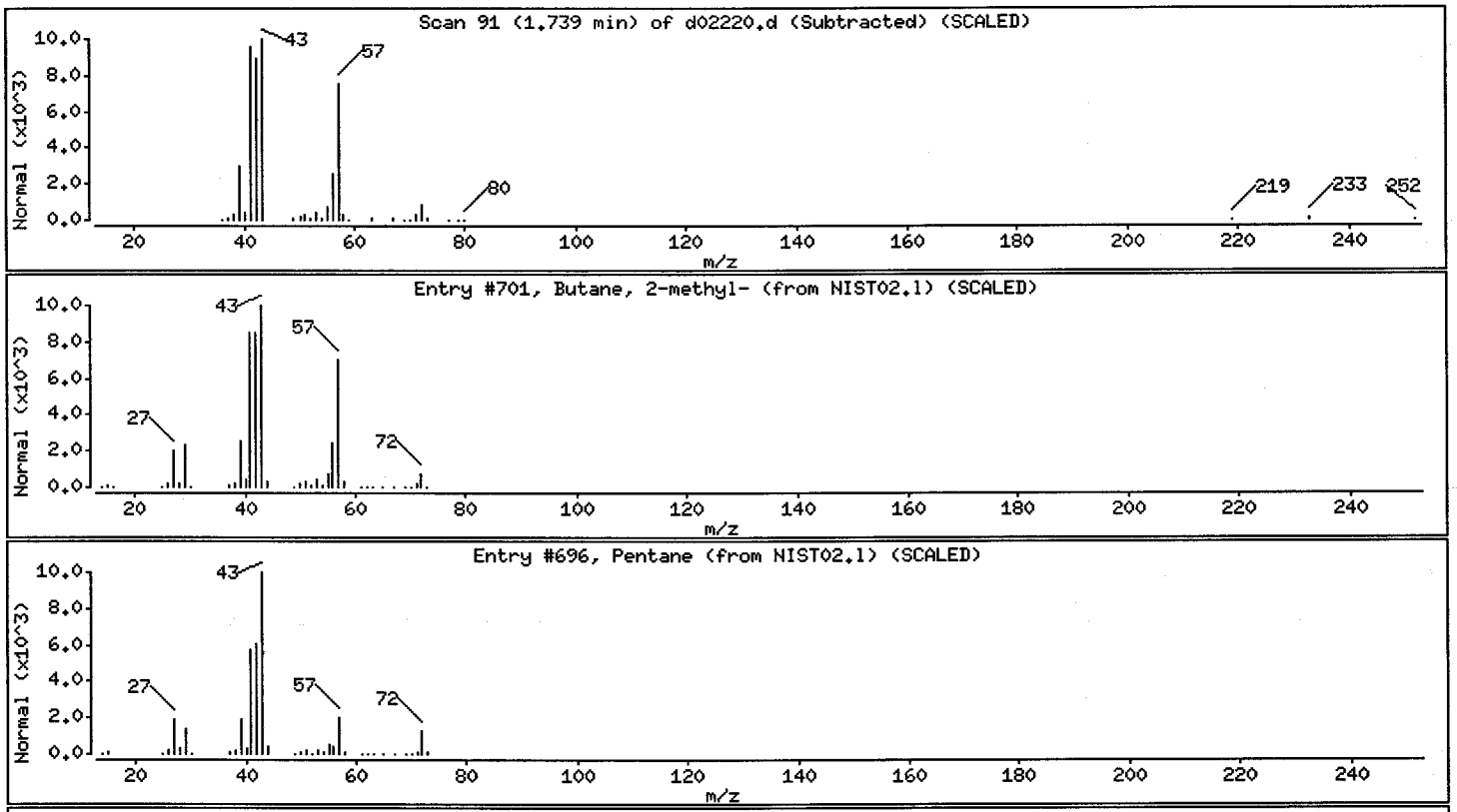
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.l	701	91	C5H12	72
Pentane	109-66-0	NIST02.l	696	32	C5H12	72



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

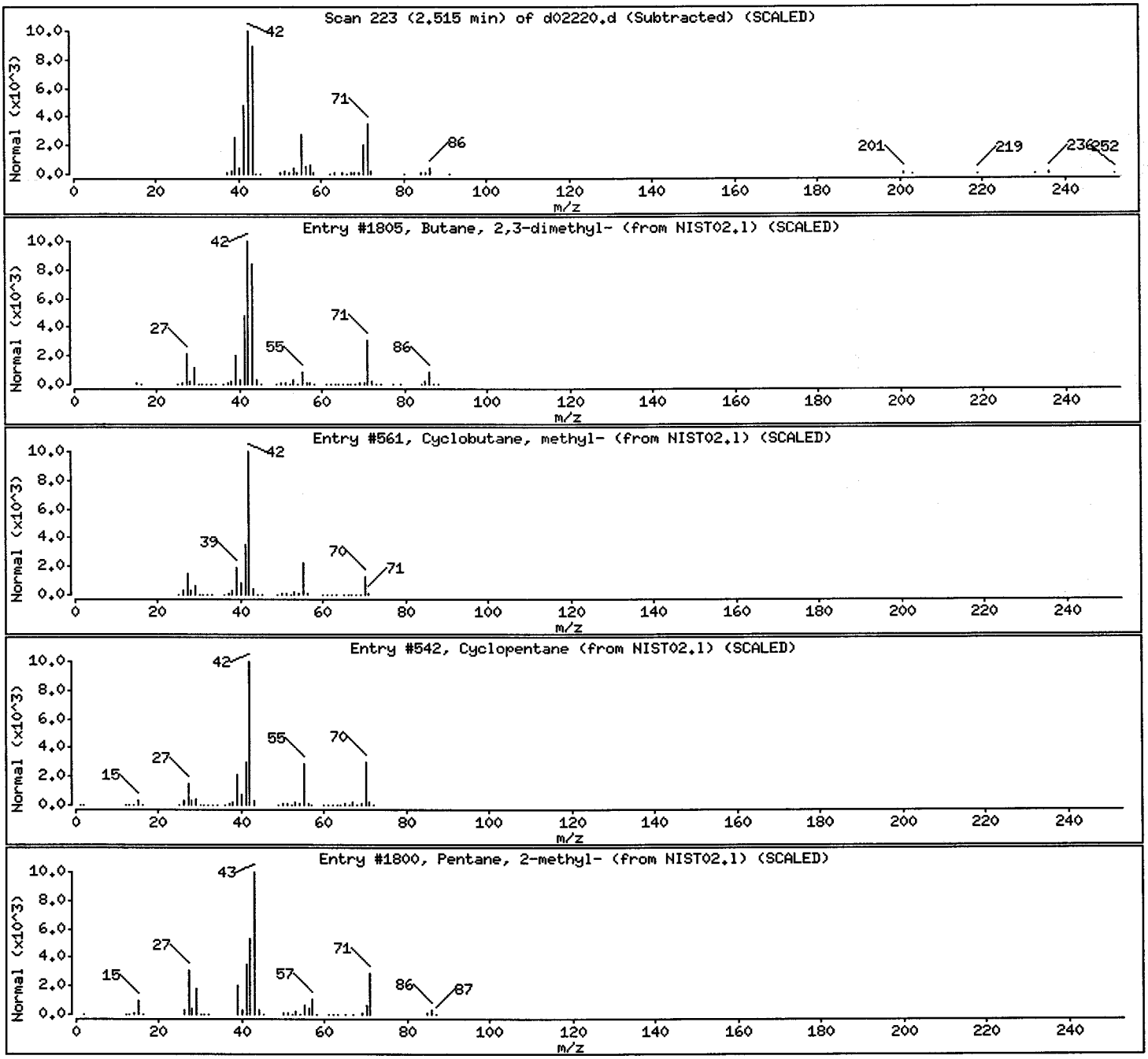
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H14 Alkane						
Butane, 2,3-dimethyl-	79-29-8	NIST02.l	1805	80	C6H14	86
Cyclobutane, methyl-	598-61-8	NIST02.l	561	50	C5H10	70
Cyclopentane	287-92-3	NIST02.l	542	50	C5H10	70
Pentane, 2-methyl-	107-83-5	NIST02.l	1800	43	C6H14	86



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

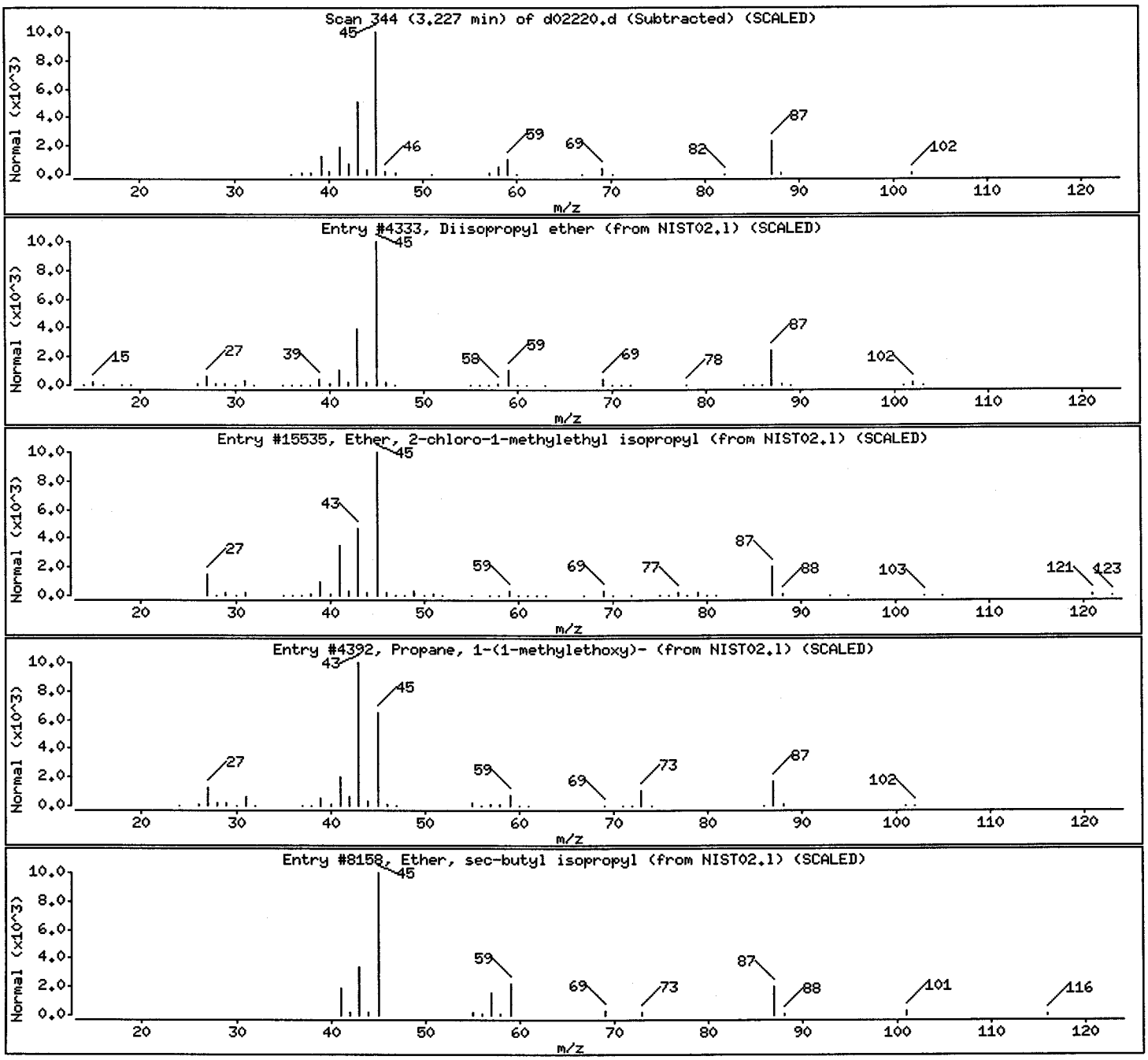
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diisopropyl ether	108-20-3	NIST02.l	4333	86	C6H140	102
Ether, 2-chloro-1-methylethyl isopropyl	98277-76-0	NIST02.l	15535	72	C6H13C10	136
Propane, 1-(1-methylethoxy)-	627-08-7	NIST02.l	4392	64	C6H140	102
Ether, sec-butyl isopropyl	18641-81-1	NIST02.l	8158	39	C7H160	116



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

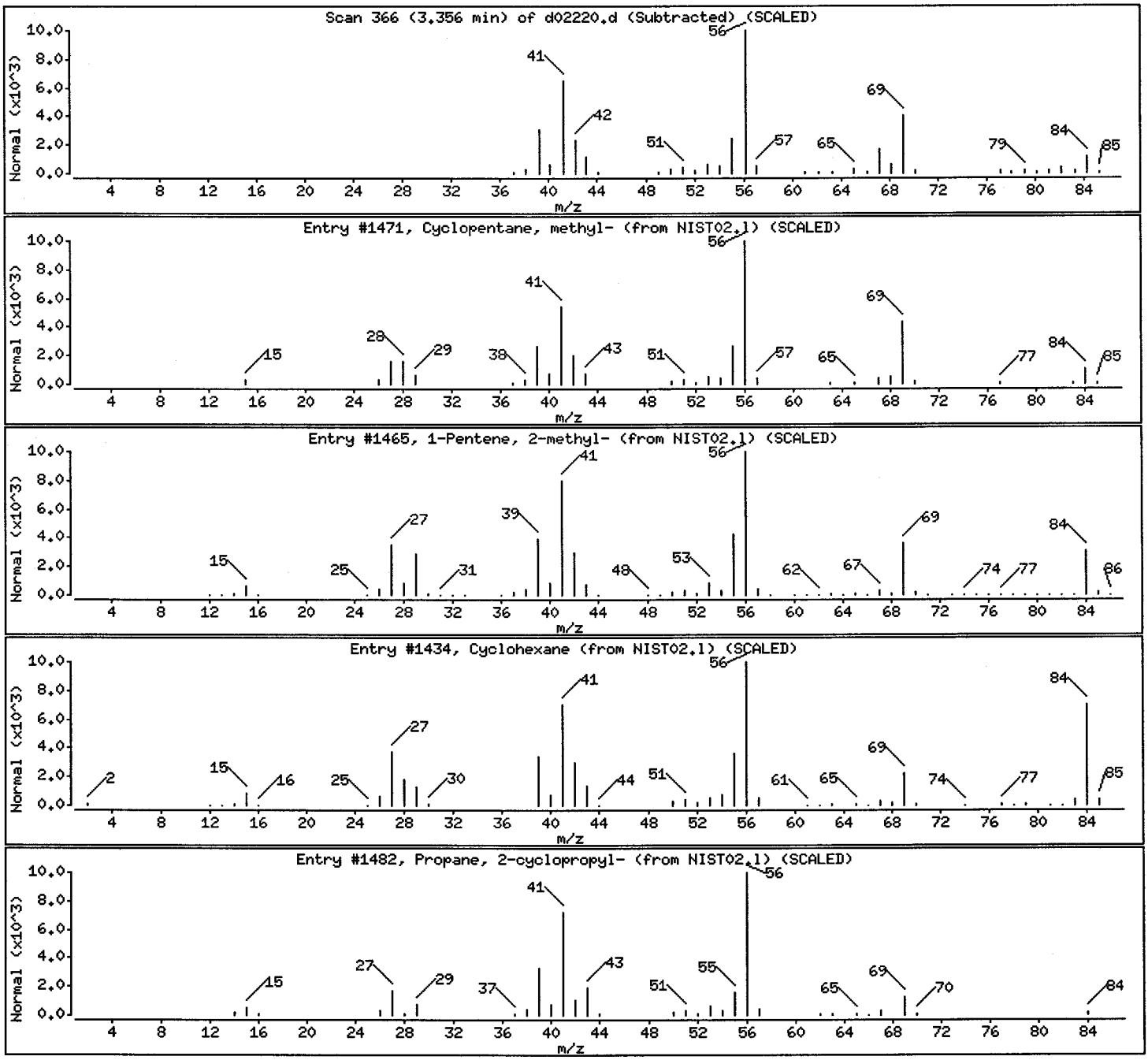
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.l	1471	90	C6H12	84
1-Pentene, 2-methyl-	763-29-1	NIST02.l	1465	72	C6H12	84
Cyclohexane	110-82-7	NIST02.l	1434	72	C6H12	84
Propane, 2-cyclopropyl-	3638-35-5	NIST02.l	1482	59	C6H12	84



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02220.d

Date : 08-AUG-2008 08:37

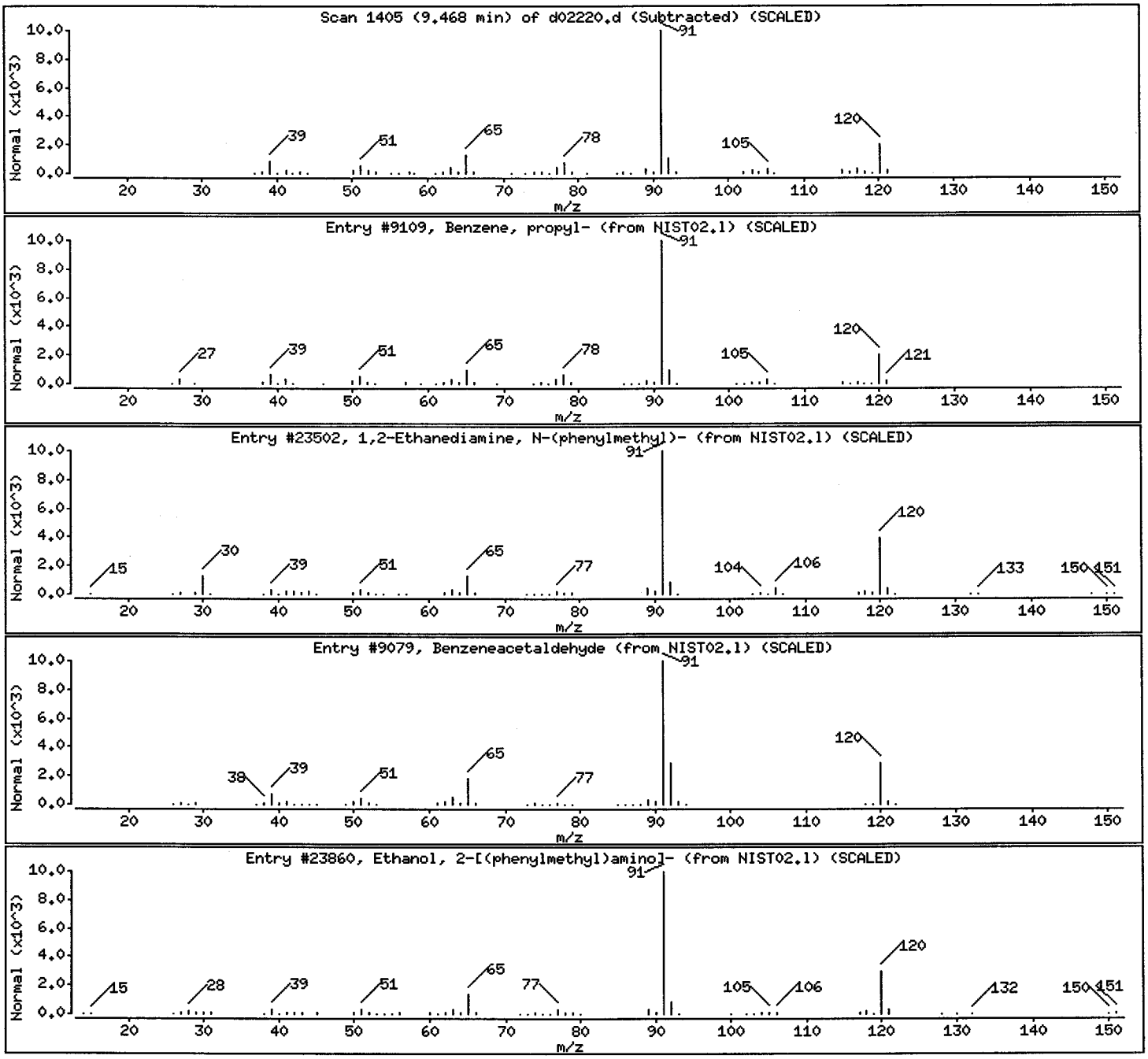
Client ID: 080408-05 Instrument: VOAMS4.i

Sample Info: 940032

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9109	90	C9H12	120
1,2-Ethanediamine, N-(phenylmethyl)-	4152-09-4	NIST02.l	23502	72	C9H14N2	150
Benzeneacetaldehyde	122-78-1	NIST02.l	9079	62	C8H8O	120
Ethanol, 2-[(phenylmethyl)amino]-	104-63-2	NIST02.l	23860	59	C9H13NO	151



Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02376.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	2.5J	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	0.6J	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	0.8J	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	*	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	12	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	*	4.0
Styrene	ND	5.0

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02376.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	*	5.0
Freon TF	ND	5.0
MTBE	56	5.0
Cyclohexane	16	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	120	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	33	5.0

* see dilution

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02376.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Diisopropyl ether	3.22	38	
2.	Benzene, propyl-	9.46	74	
3.	Trimethylbenzene isomer	9.91	33	
4.	Trimethylbenzene isomer	10.24	21	
5.	Indane	10.34	46	
6.	Ethyldimethylbenzene isomer	10.68	46	
7.	Tetramethylbenzene isomer	10.97	35	
8.	Tetramethylbenzene isomer	11.01	44	
9.	Unknown Aromatic	11.29	56	
10.	Naphthalene	11.89	95	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	488

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d
Report Date: 19-Aug-2008 11:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d
Lab Smp Id: 940033 Client Smp ID: 080408-06
Inj Date : 15-AUG-2008 06:57
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940033
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)	
	4 Vinyl Chloride	62	1.474	1.468	(0.298)	20473	2.54773	2.5(a)	
	53 MTBE	73	2.903	2.903	(0.588)	1166636	56.3071	56	
	13 cis-1,2-Dichloroethene	96	3.756	3.745	(0.761)	4444	0.57030	0.57(a)	
	59 Cyclohexane	56	3.909	3.909	(0.792)	187416	16.4279	16	
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.943)	390394	51.4326	51	
	17 1,2-Dichloroethane	62	4.721	4.721	(0.956)	9015	0.84335	0.84(a)	
	28 Benzene	78	4.521	4.515	(0.915)	13463278	471.384	470(A)	*
*	19 Fluorobenzene	96	4.939	4.933	(1.000)	1320003	50.0000		
	132 Methyl Cyclohexane	83	5.080	5.080	(1.029)	375329	33.0819	33	
$	37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	1046976	51.8721	52	
	38 Toluene	91	6.768	6.768	(0.817)	339185	12.1069	12	
*	32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	930400	50.0000		
	40 Ethylbenzene	106	8.350	8.344	(1.008)	2671655	285.466	280(A)	*
	43 m+p-Xylene	106	8.485	8.485	(1.024)	12251049	1034.89	1000(A)	*
	110 Isopropylbenzene	105	9.121	9.121	(1.101)	3572240	122.545	120	
$	41 Bromofluorobenzene (SUR)	174	9.338	9.338	(0.915)	367601	51.7522	52	
*	91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	438218	50.0000		

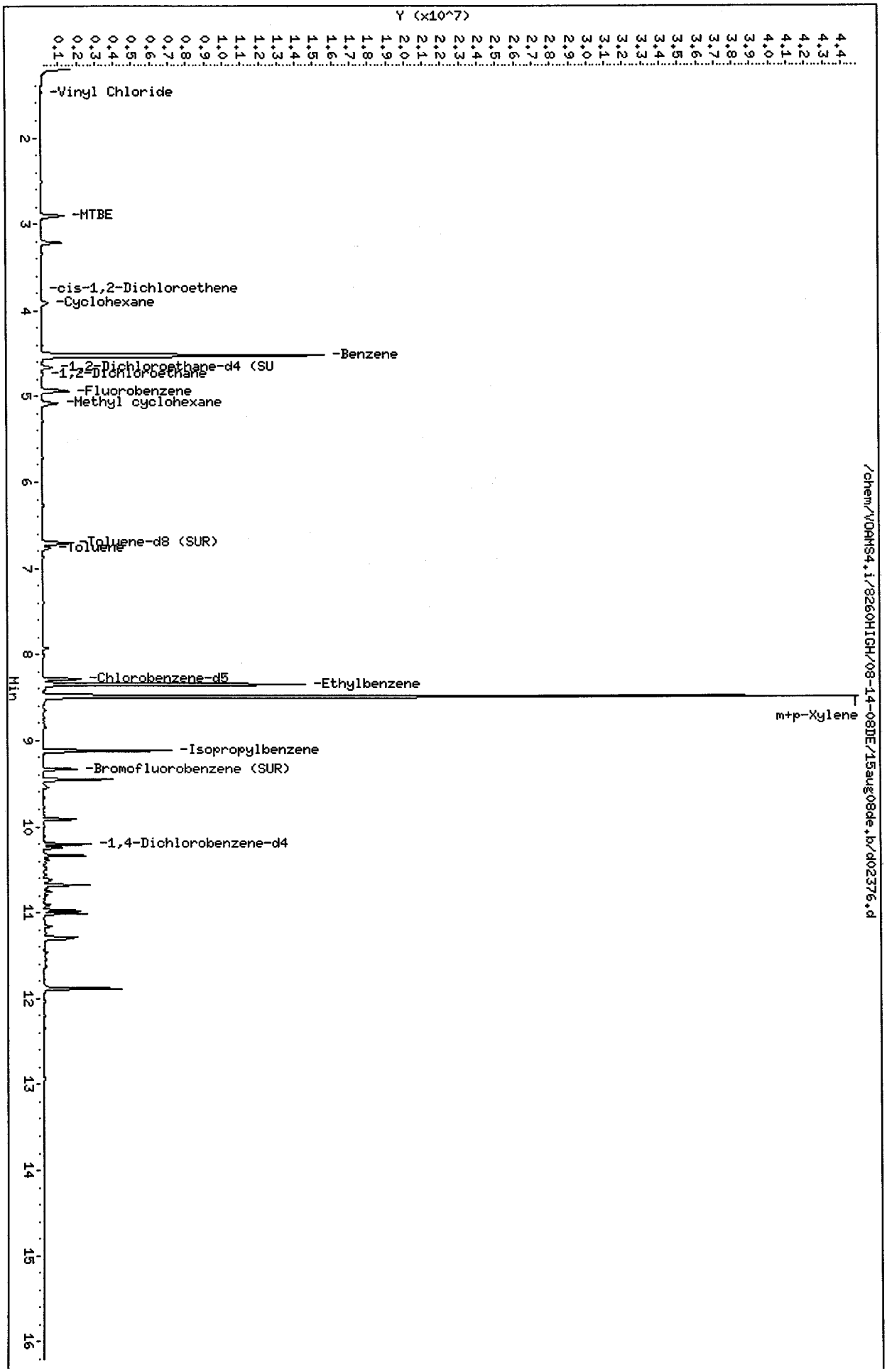
* See dilution

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d
Report Date: 19-Aug-2008 11:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 45 Xylene (Total)	100				12251049	1057.58	1000(A) *

QC Flag Legend * See dilution

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.


Y (x10^7)
-Vinyl Chloride
-MTBE
-cis-1,2-Dichloroethene
-Cyclohexane
-Benzene
-1,2-Dichloroethane-d4 (SU
-1,2-Dichloroethane
-Fluorobenzene
-Methyl cyclohexane
-Toluene-d8 (SUR)
-Toluene
-Chlorobenzene-d5
-Ethylbenzene
m+p-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
Min
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d
Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d
Date : 15-AUG-2008 06:57
Client ID: 080408-06
Sample Info: 940033
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

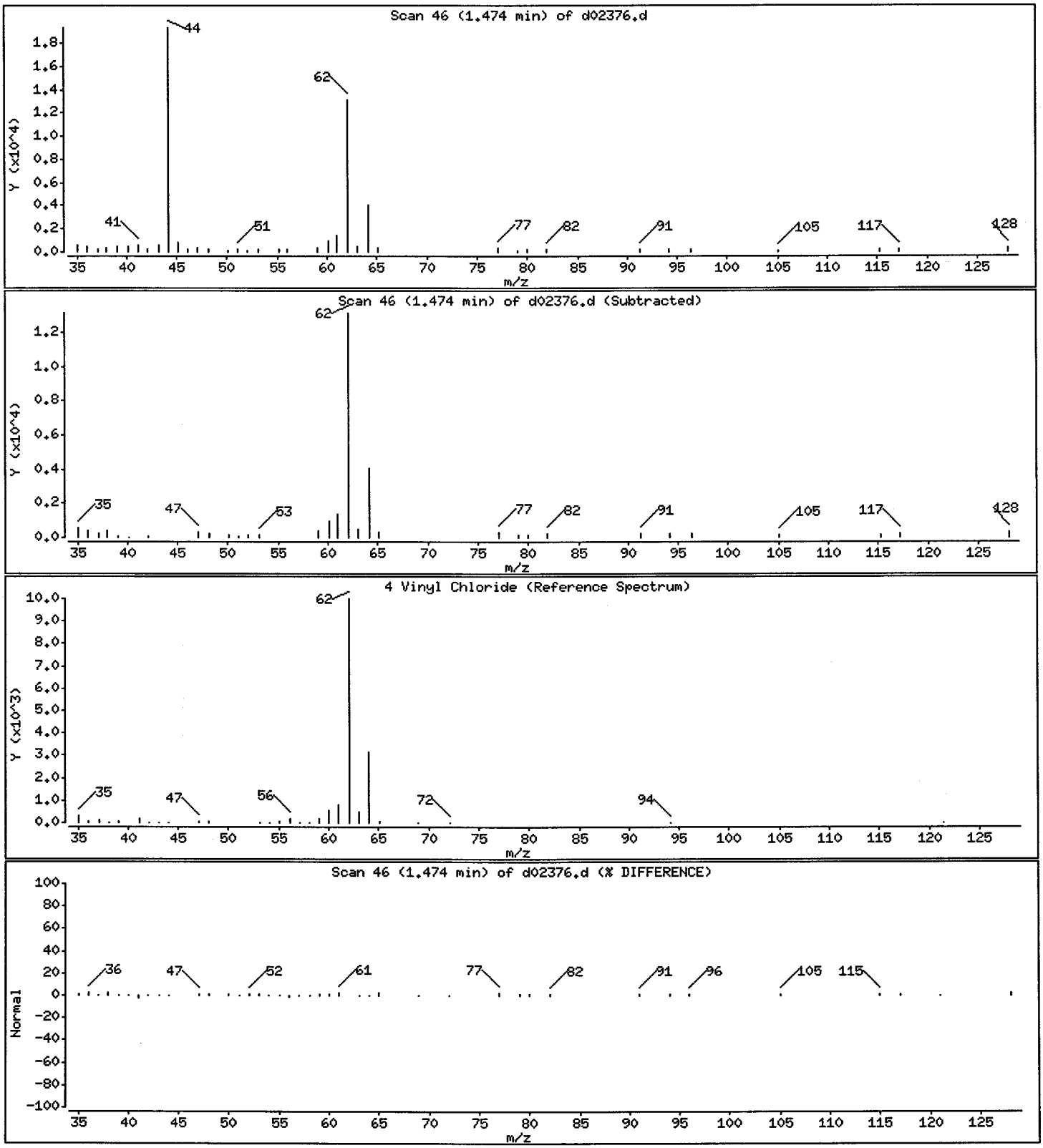
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

4 Vinyl Chloride Concentration: 2.5 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

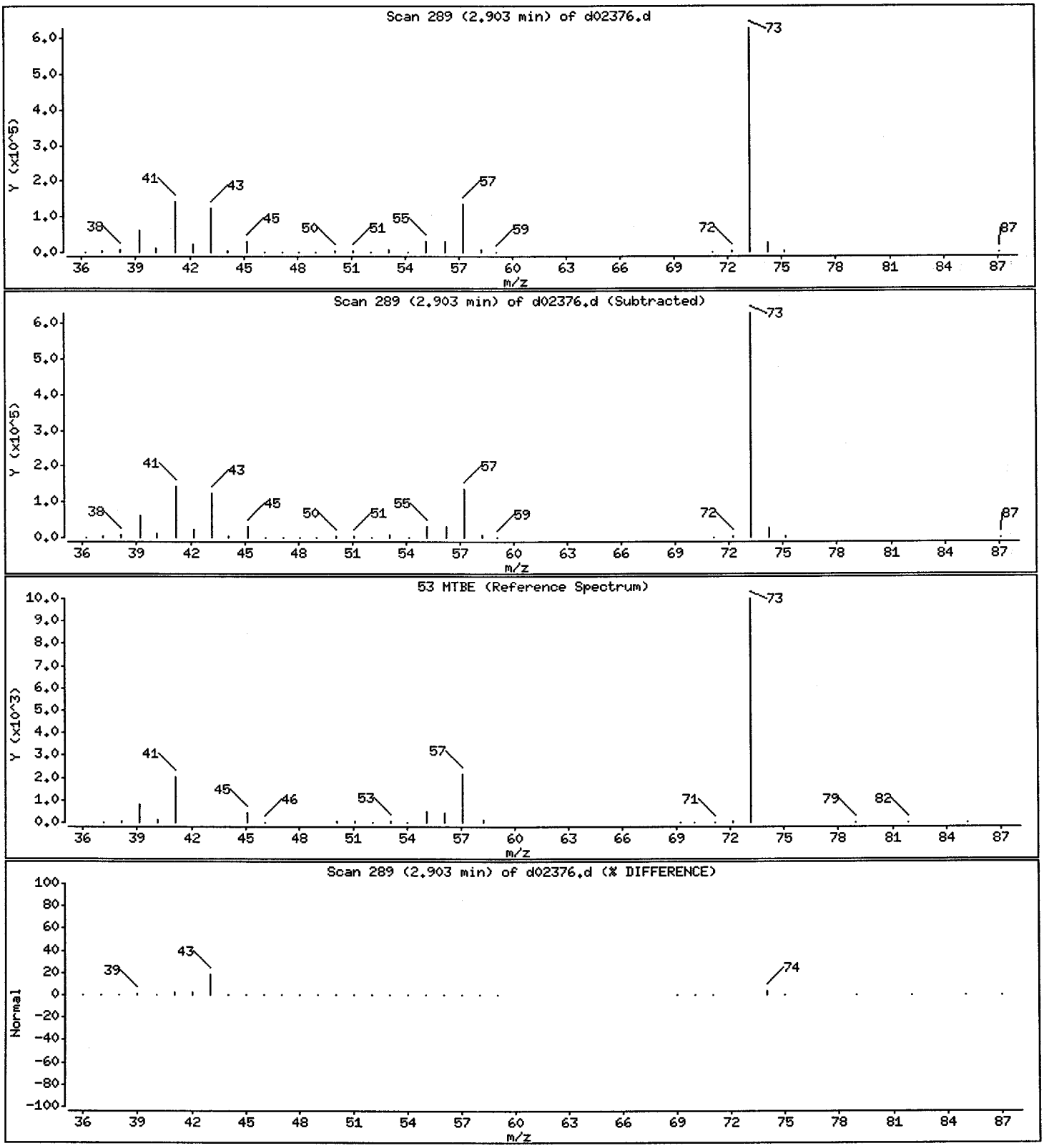
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 56 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

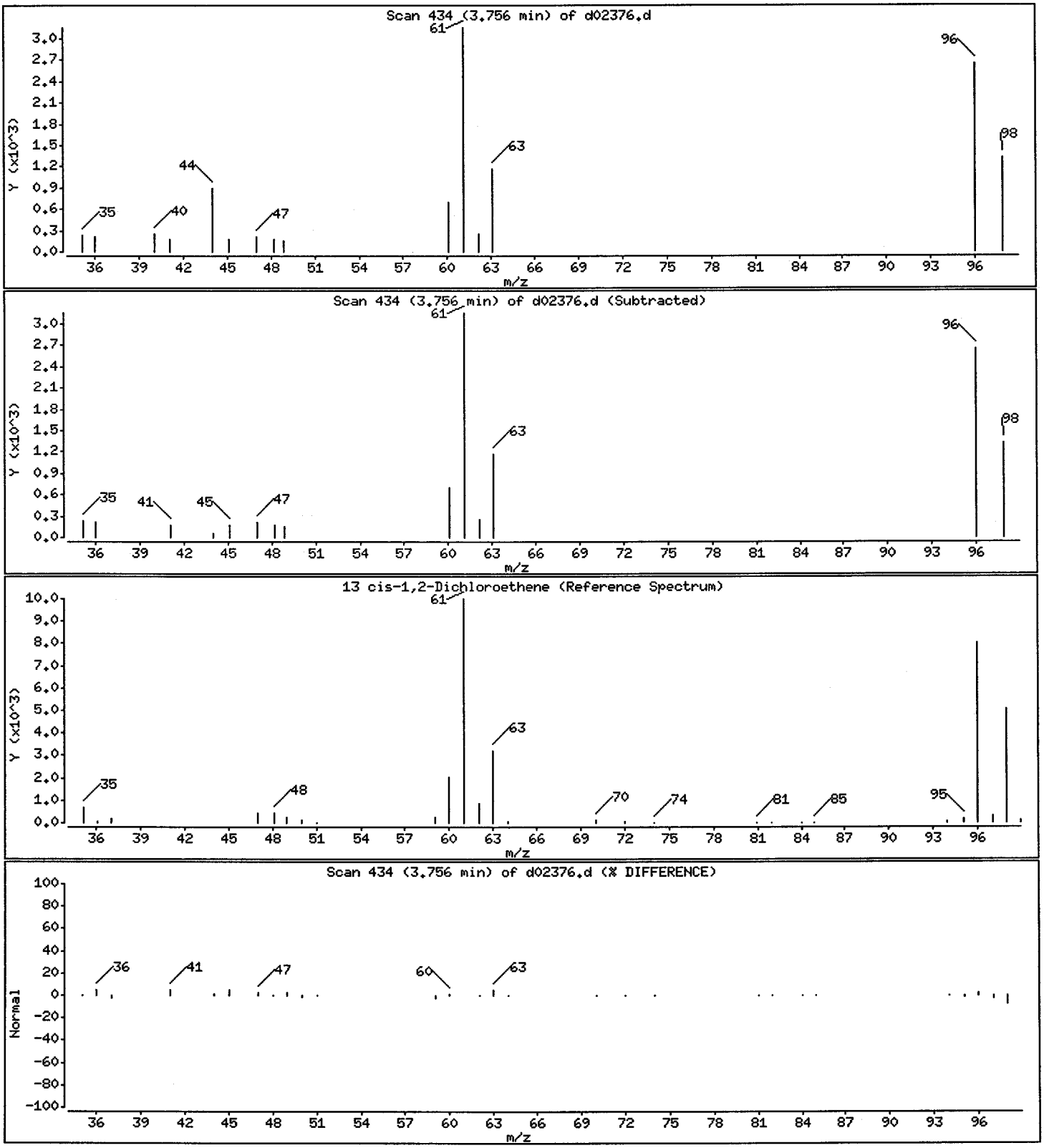
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

13 cis-1,2-Dichloroethene Concentration: 0.57 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

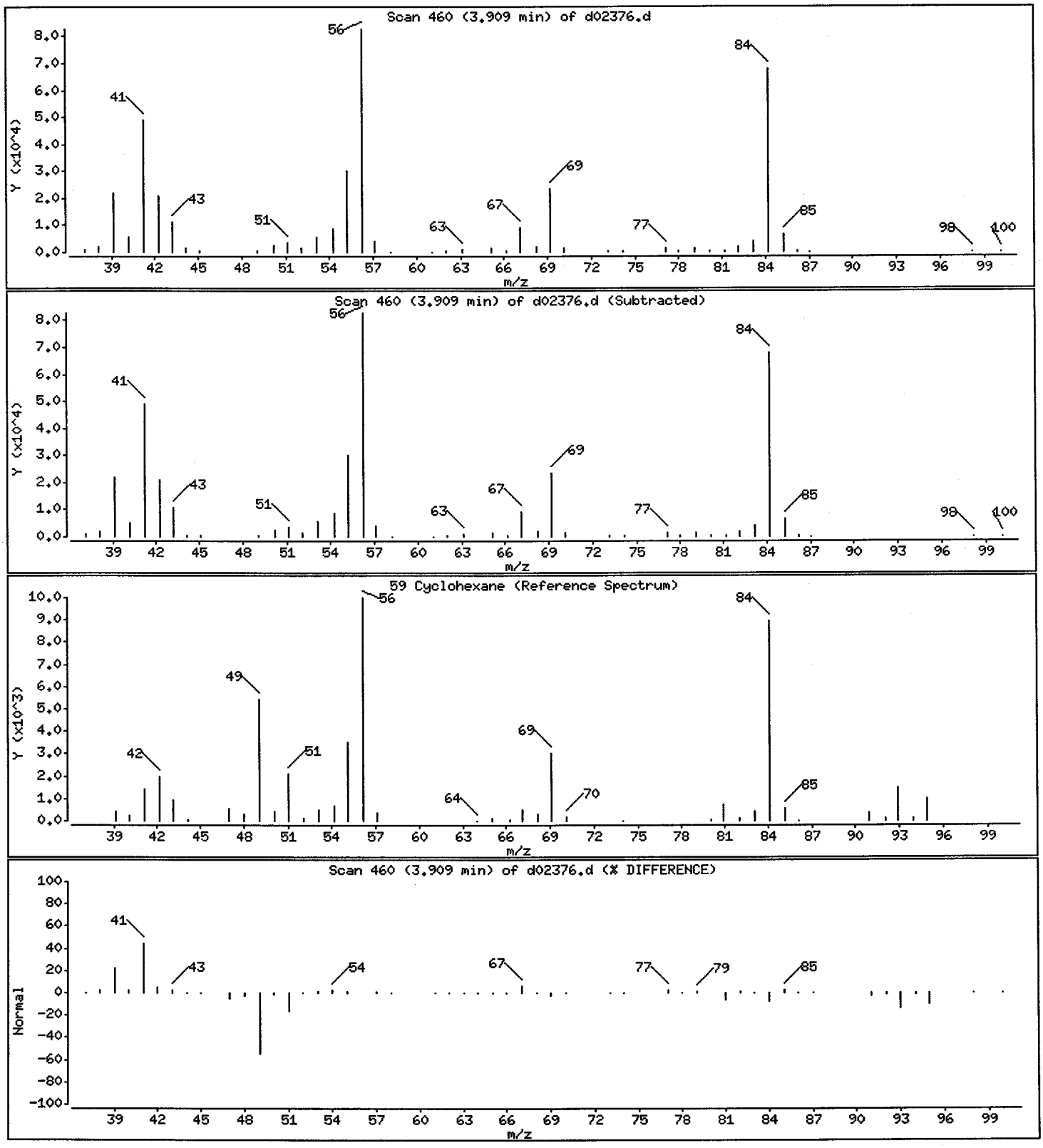
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

59 Cyclohexane Concentration: 16 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

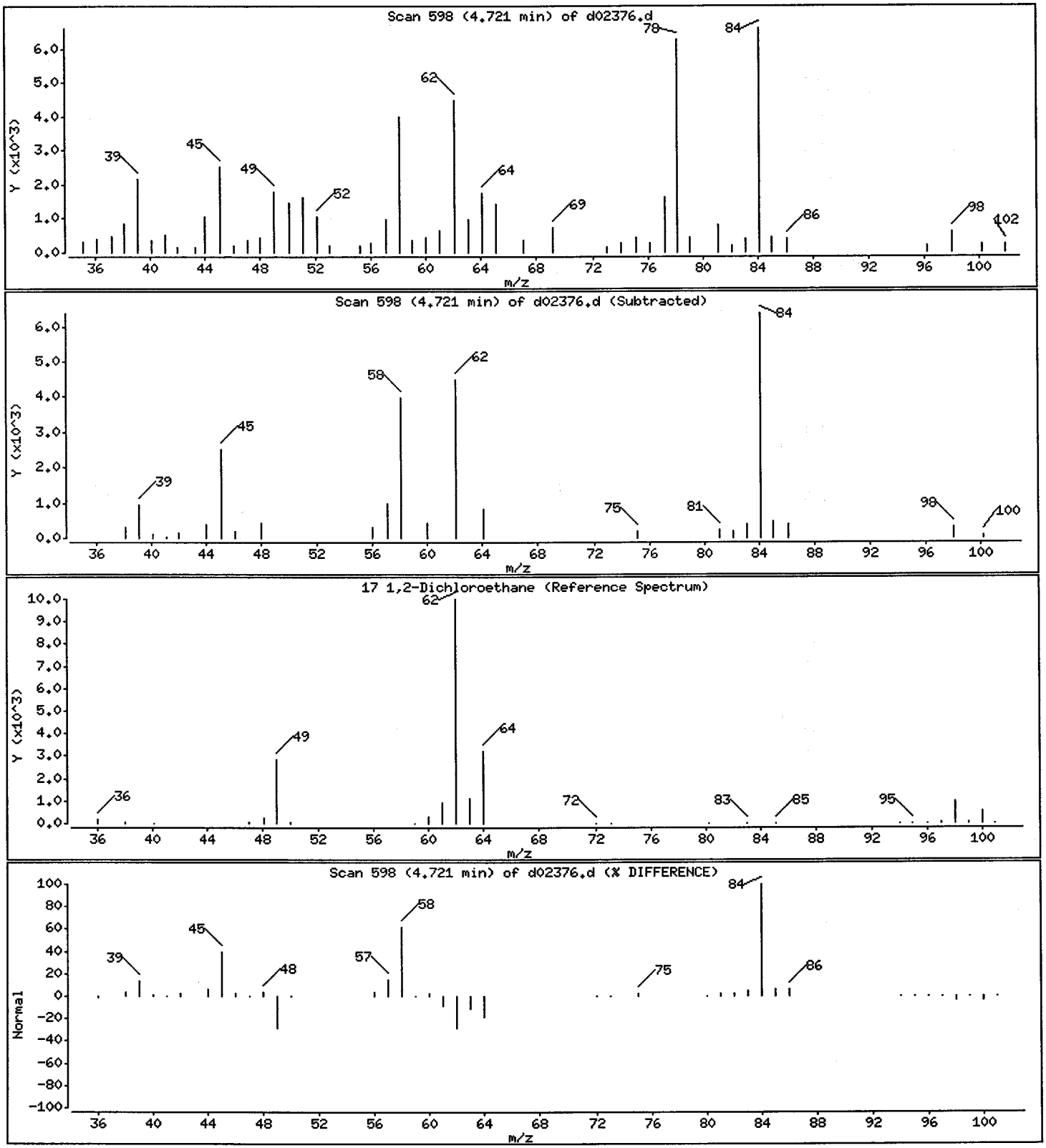
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

17 1,2-Dichloroethane Concentration: 0.84 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

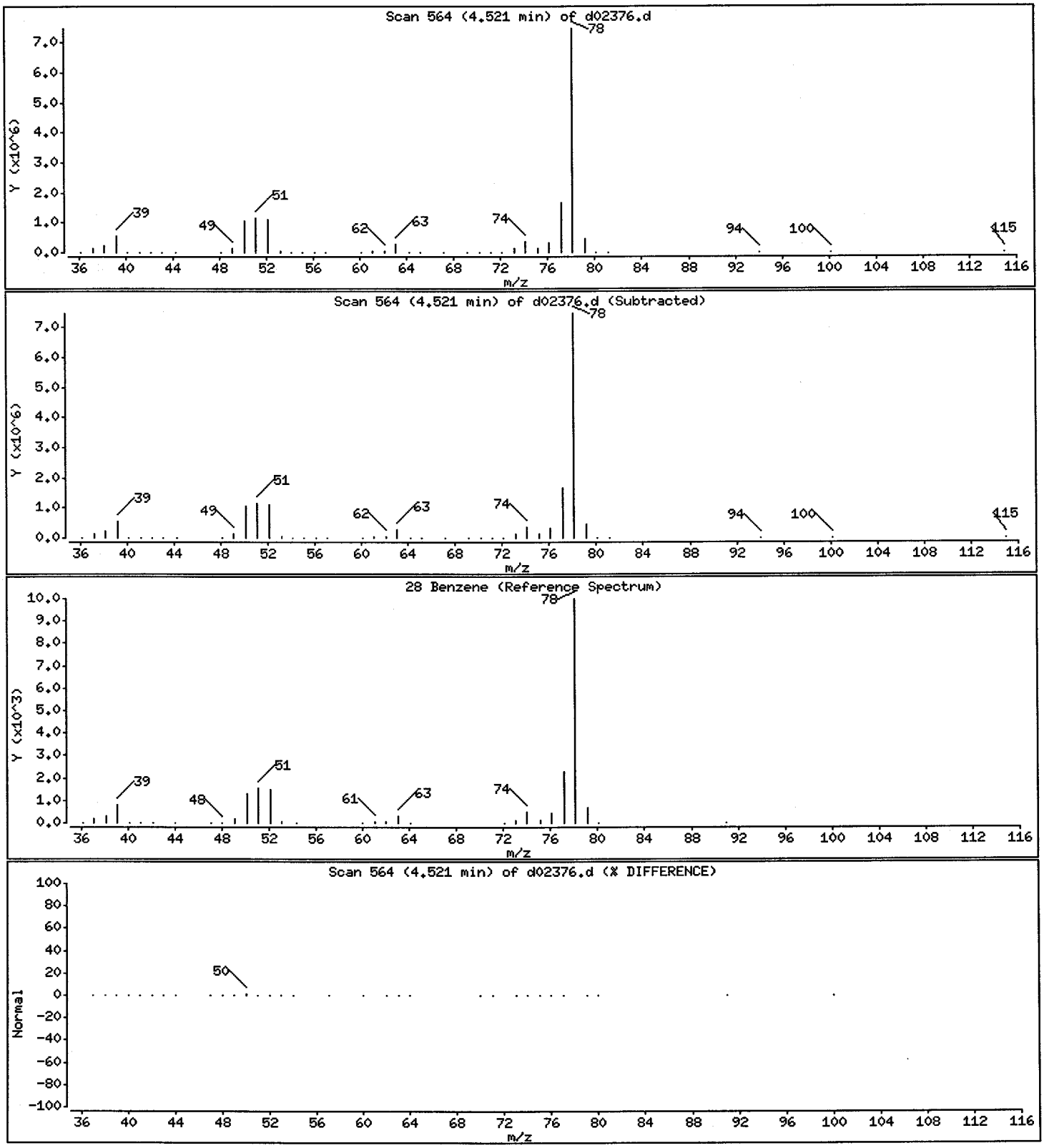
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 470 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

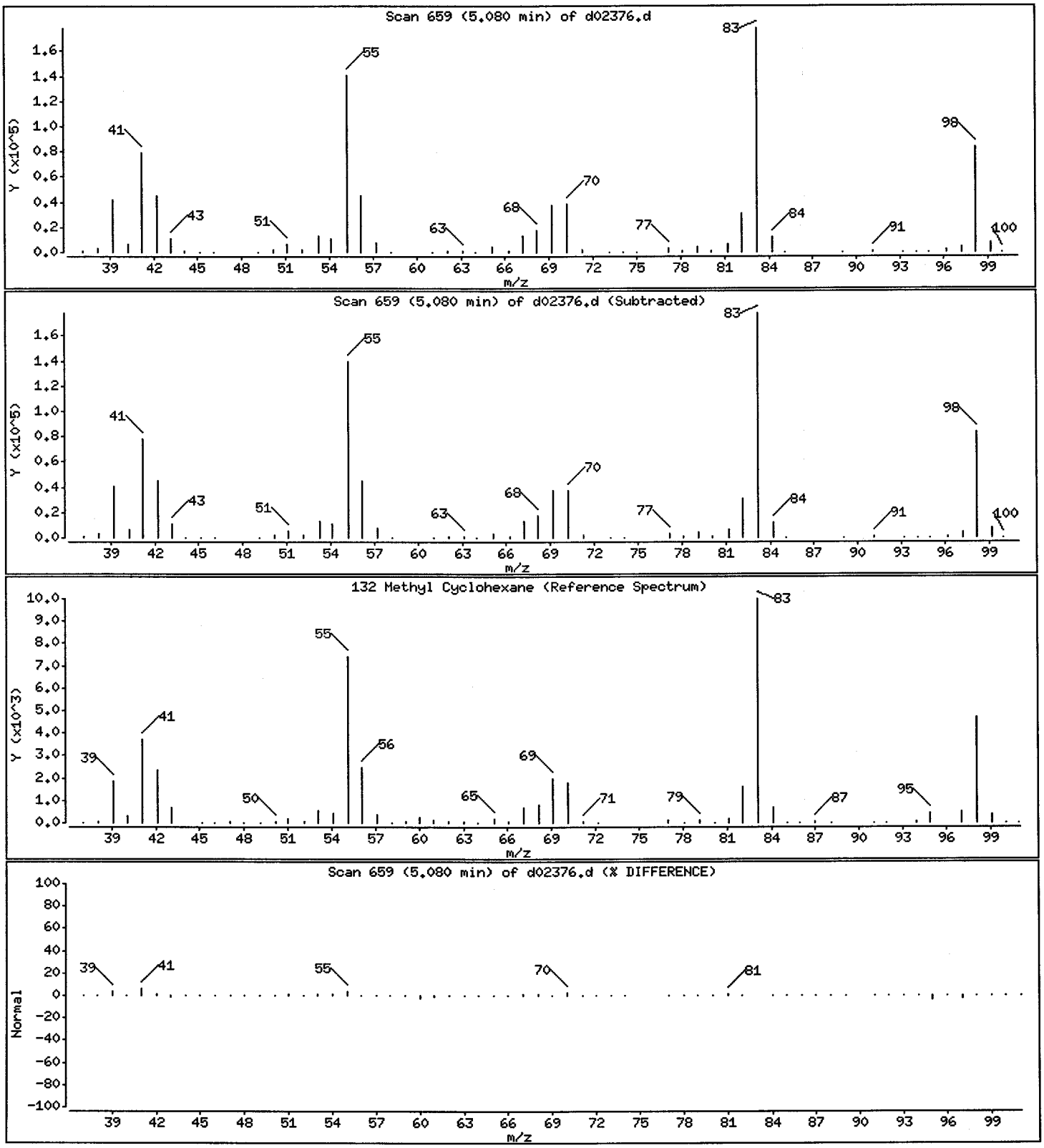
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

132 Methyl Cyclohexane Concentration: 33 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

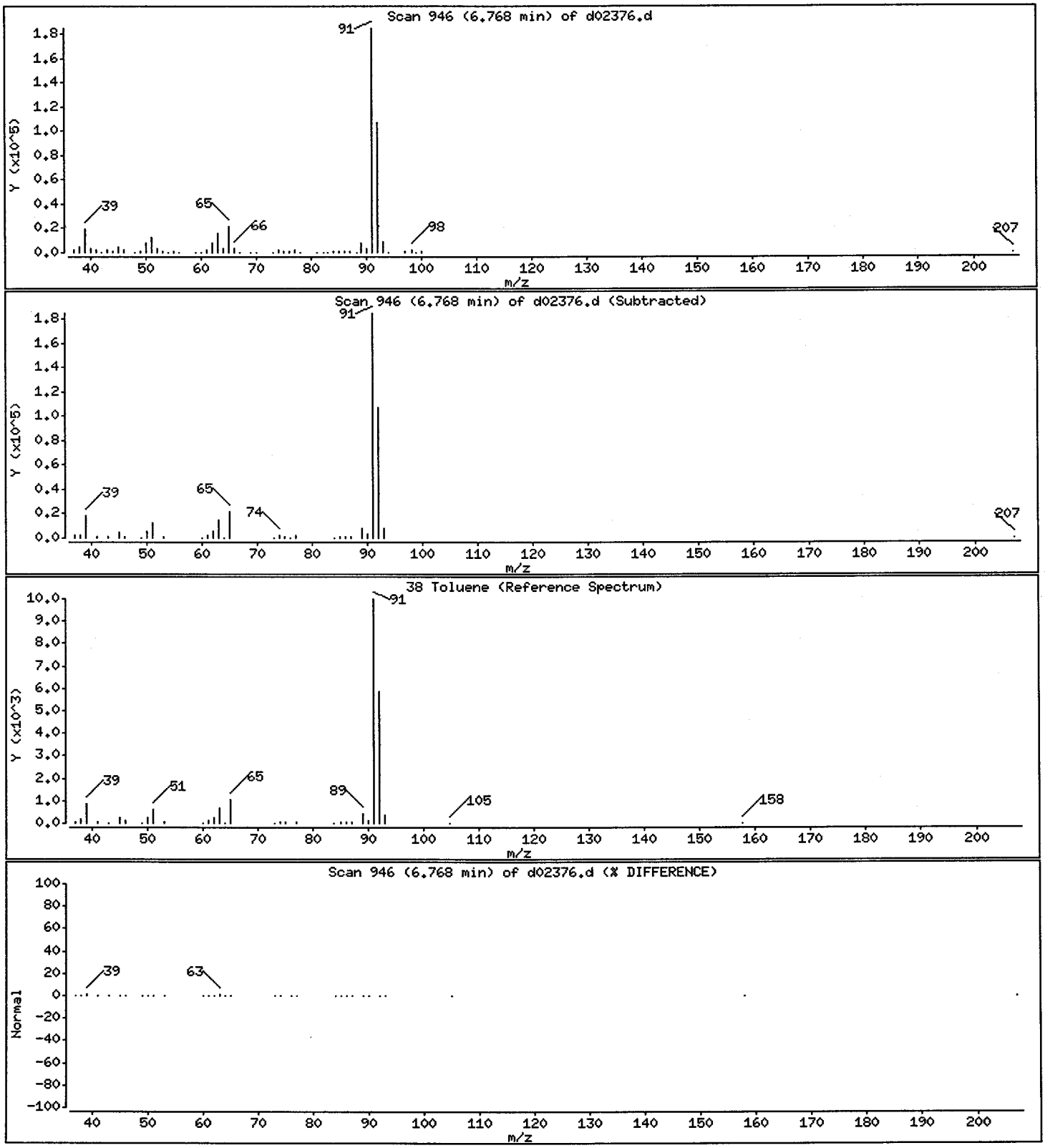
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 12 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

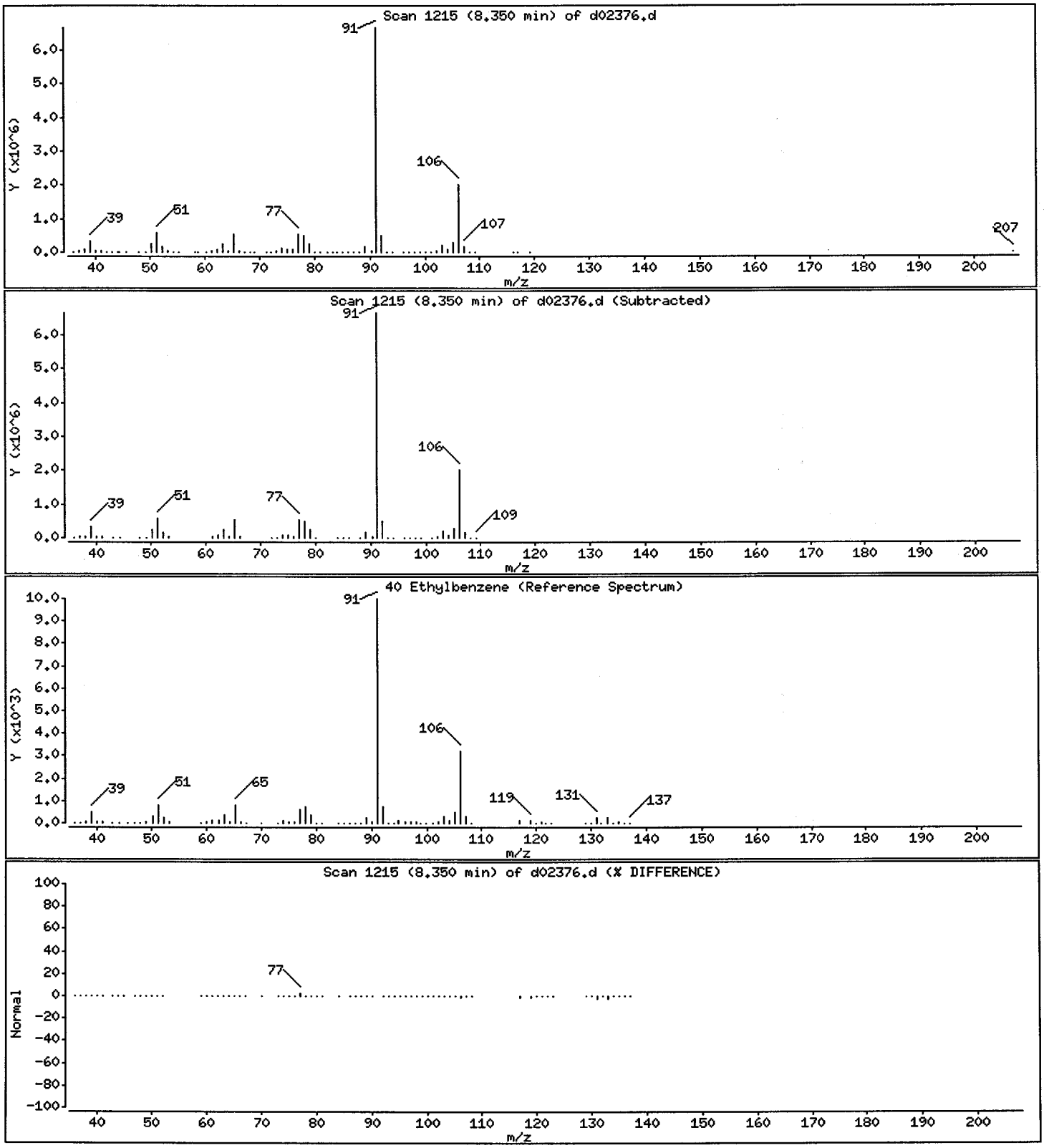
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 280 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

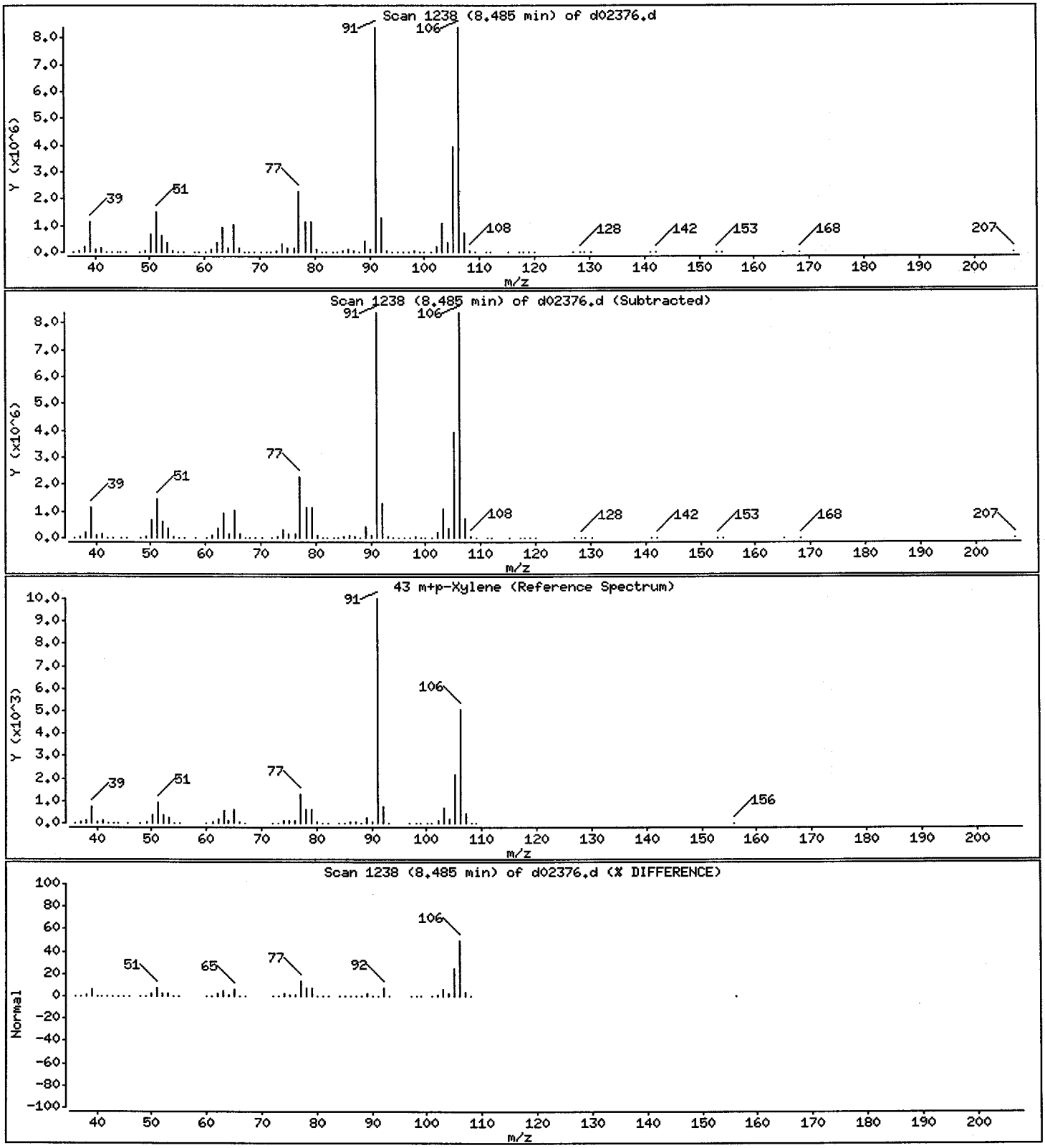
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 1000 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

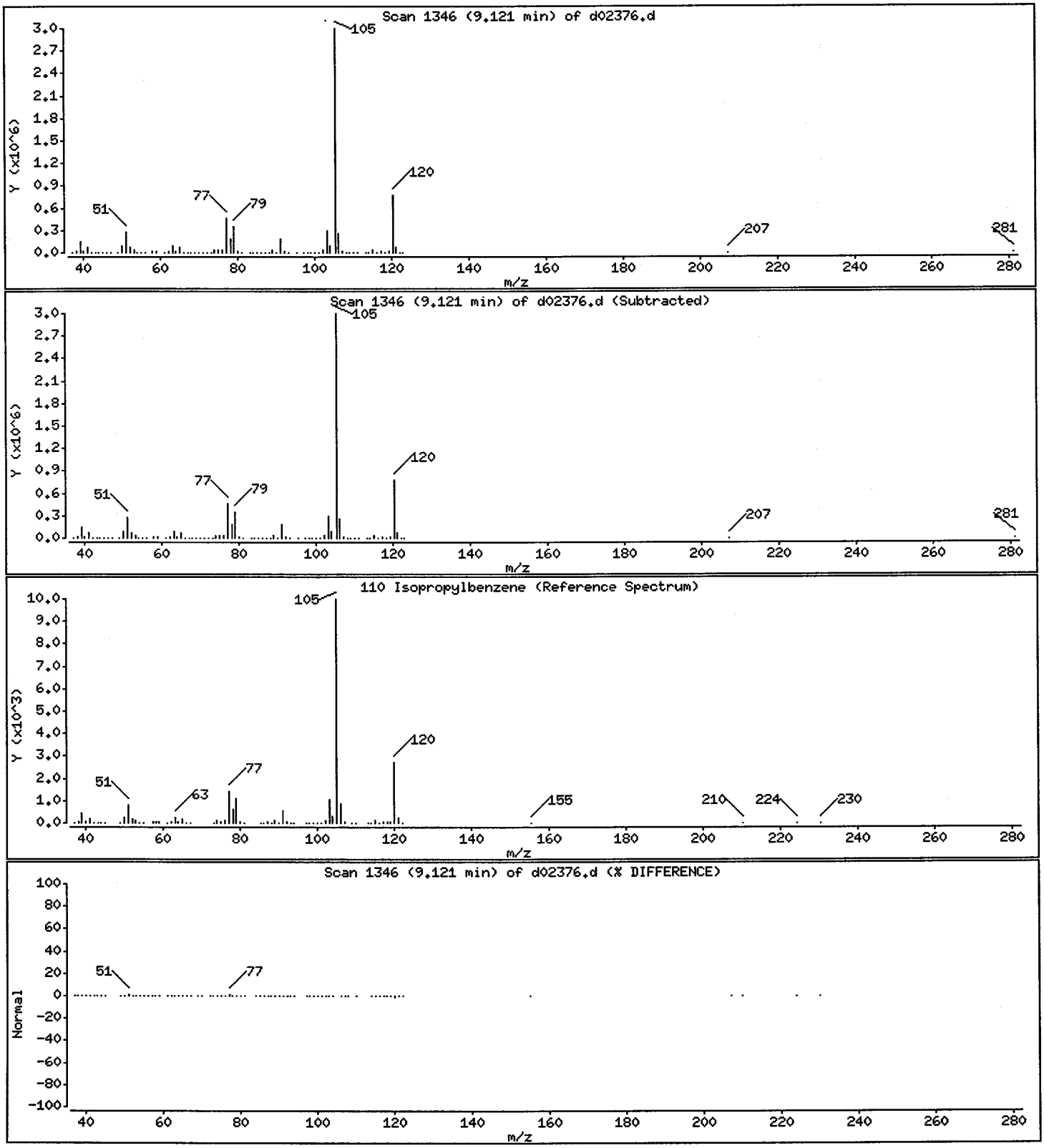
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 120 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

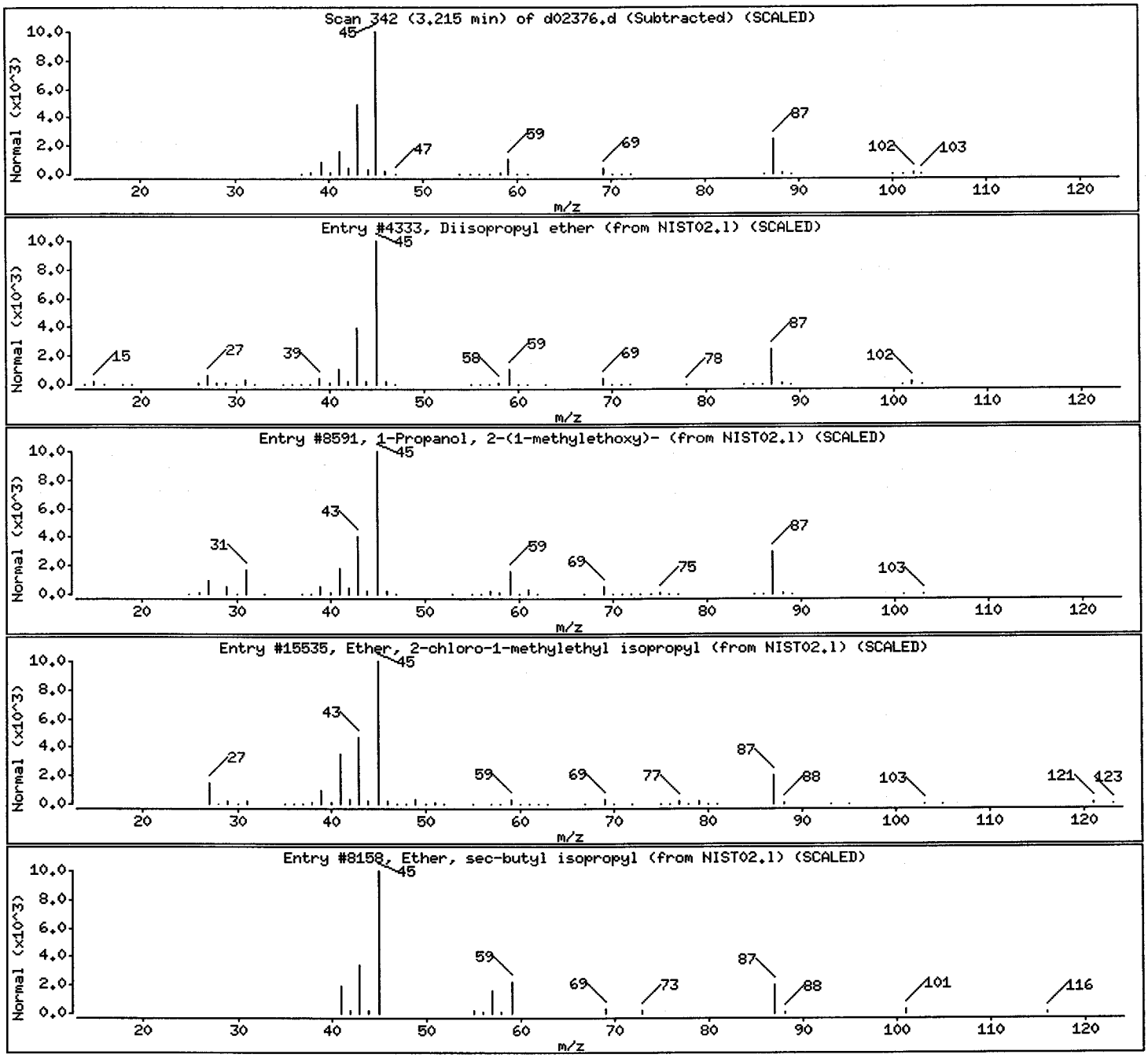
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diisopropyl ether	108-20-3	NIST02.l	4333	91	C6H140	102
1-Propanol, 2-(1-methylethoxy)-	3944-37-4	NIST02.l	8591	78	C6H1402	118
Ether, 2-chloro-1-methylethyl isopropyl	98277-76-0	NIST02.l	15535	64	C6H13C10	136
Ether, sec-butyl isopropyl	18641-81-1	NIST02.l	8158	64	C7H160	116



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

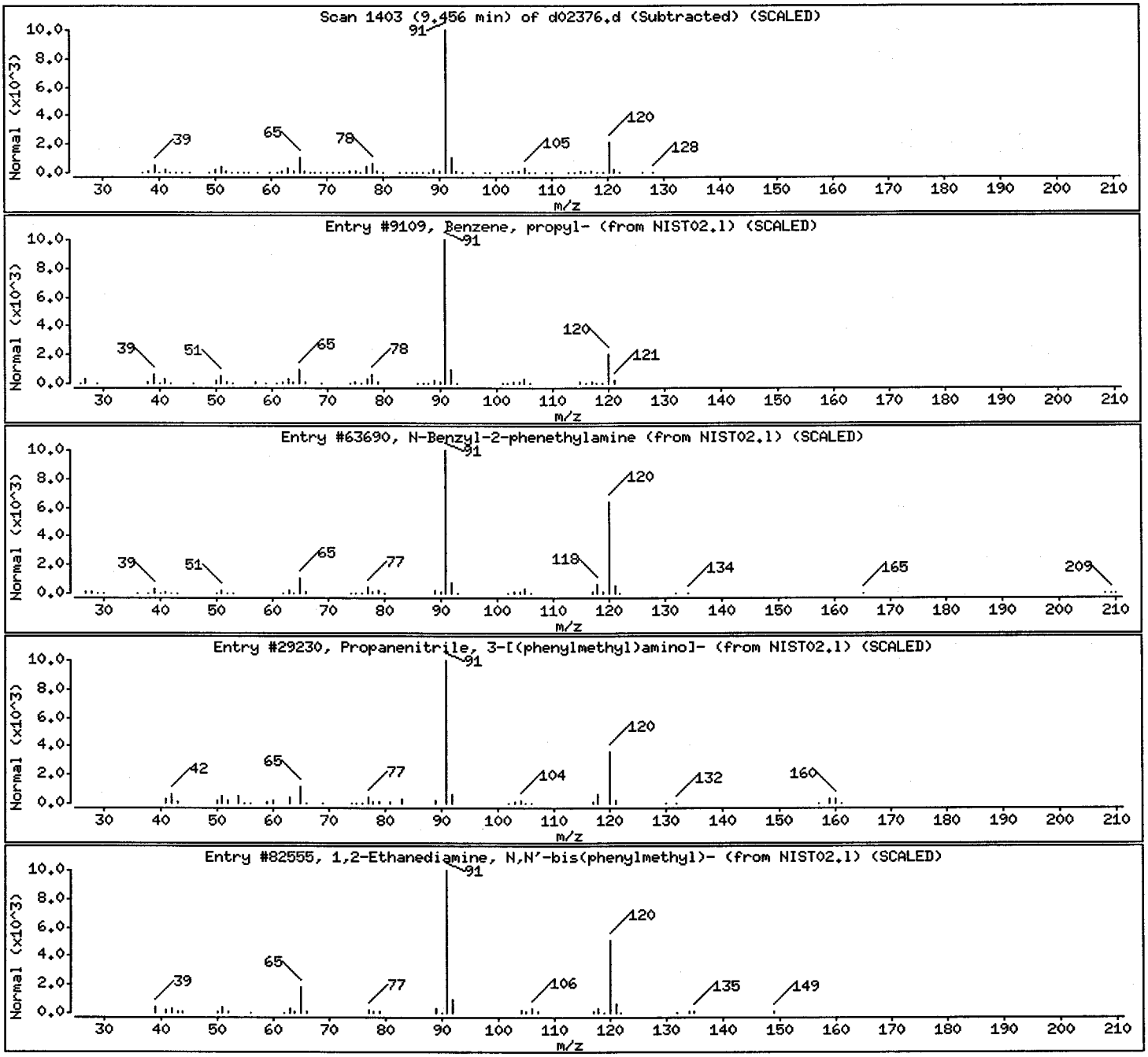
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9109	91	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.l	63690	74	C15H17N	211
Propanenitrile, 3-[(phenylmethyl)amino]-	706-03-6	NIST02.l	29230	72	C10H12N2	160
1,2-Ethanediamine, N,N'-bis(phenylmethyl	140-28-3	NIST02.l	82555	64	C16H20N2	240



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

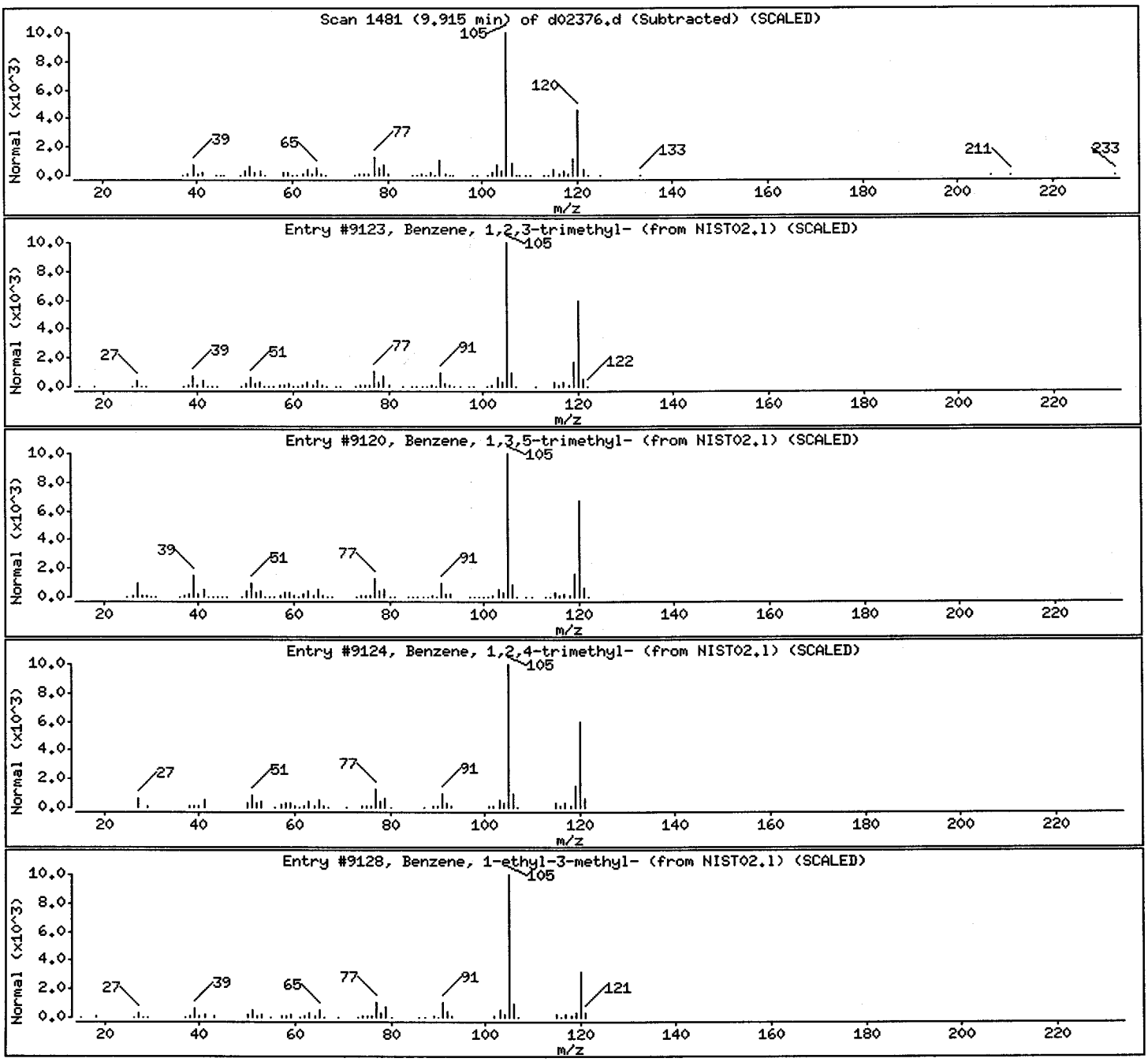
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9120	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9124	95	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	90	C9H12	120



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

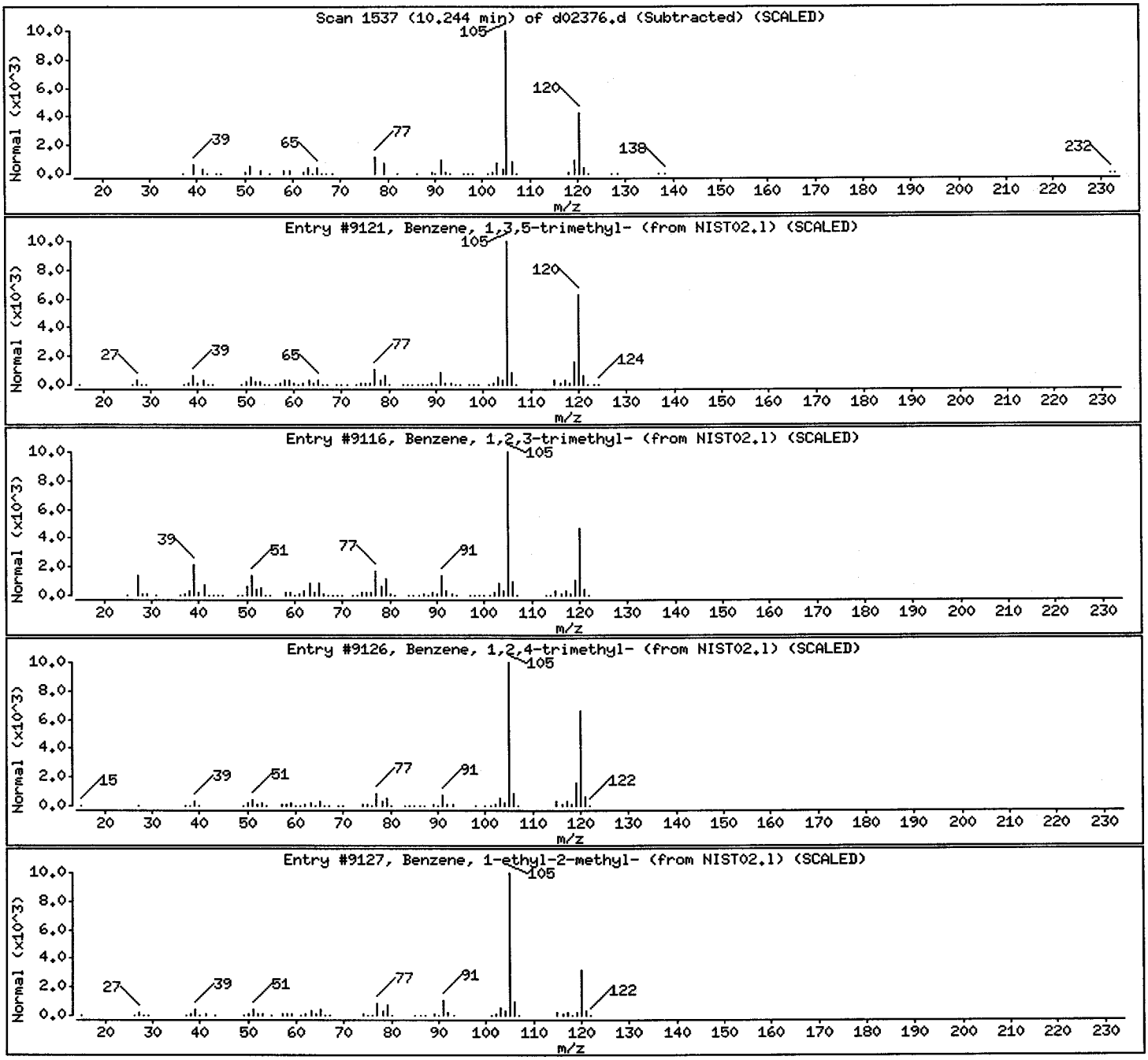
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	94	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9116	91	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9126	91	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9127	90	C9H12	120



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

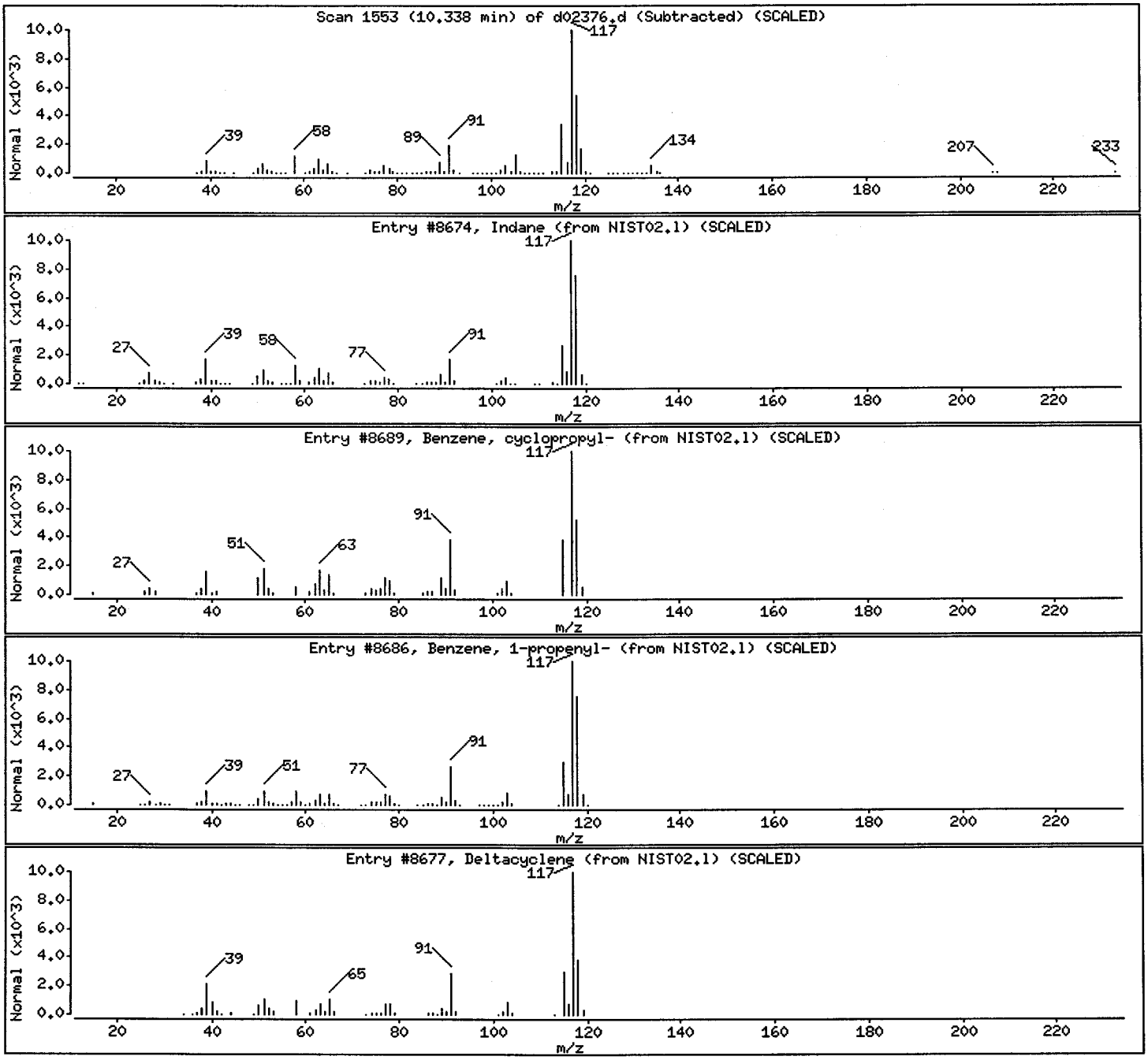
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	94	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8689	93	C9H10	118
Benzene, 1-propenyl-	637-50-3	NIST02.l	8686	76	C9H10	118
Deltacyclene	7785-10-6	NIST02.l	8677	58	C9H10	118



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

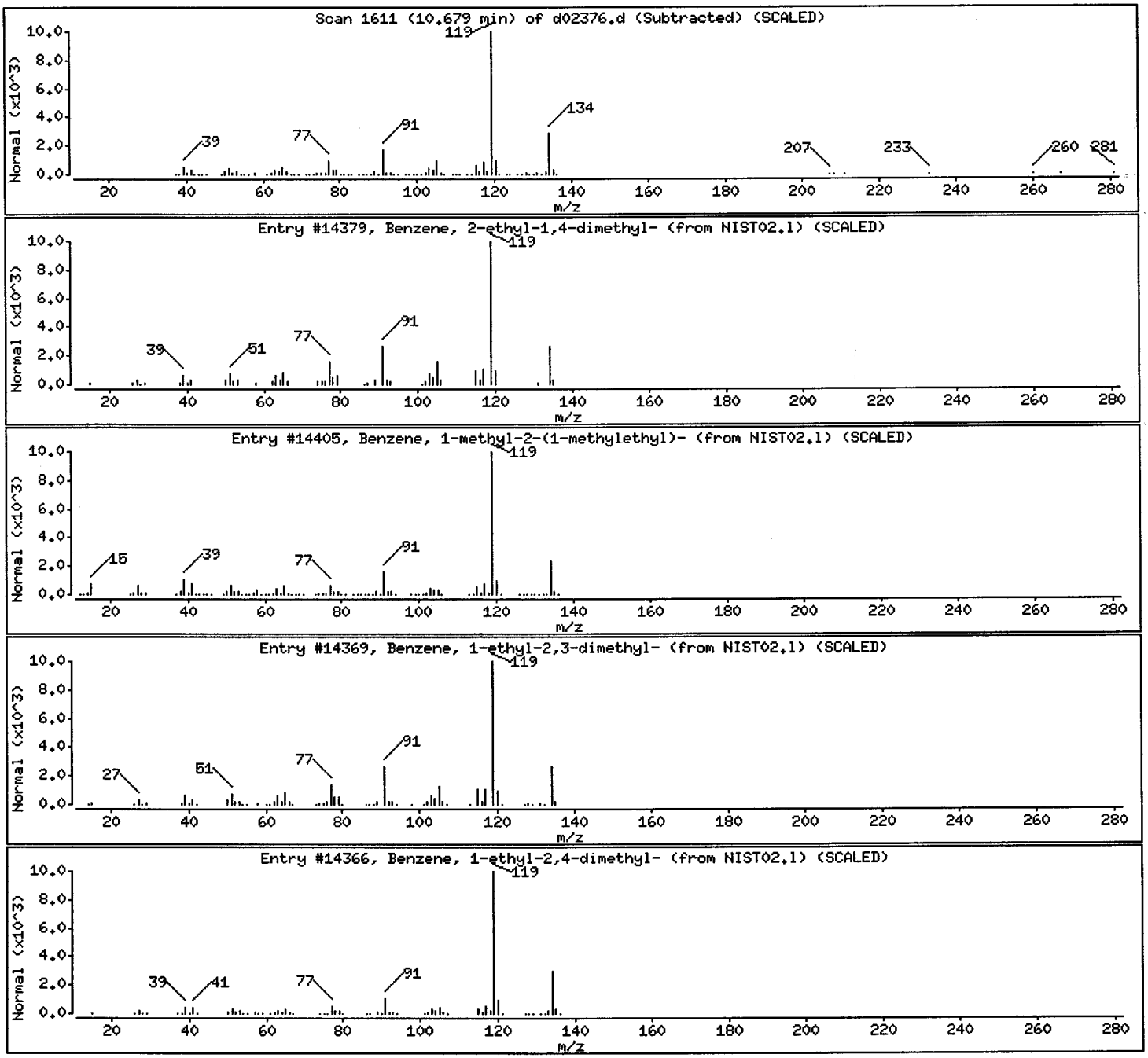
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14379	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14405	95	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	95	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	94	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

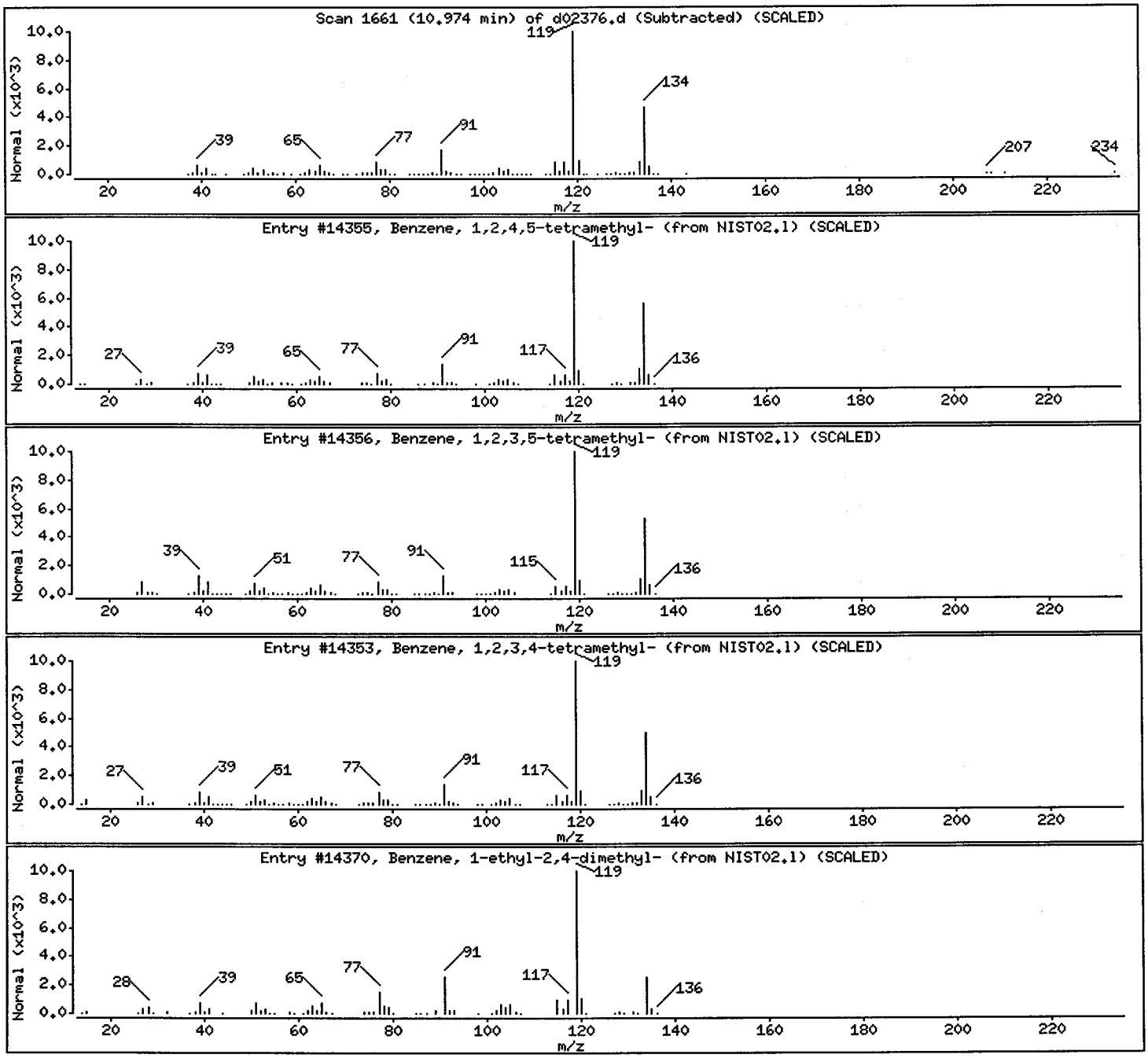
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	97	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	96	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	96	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	95	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

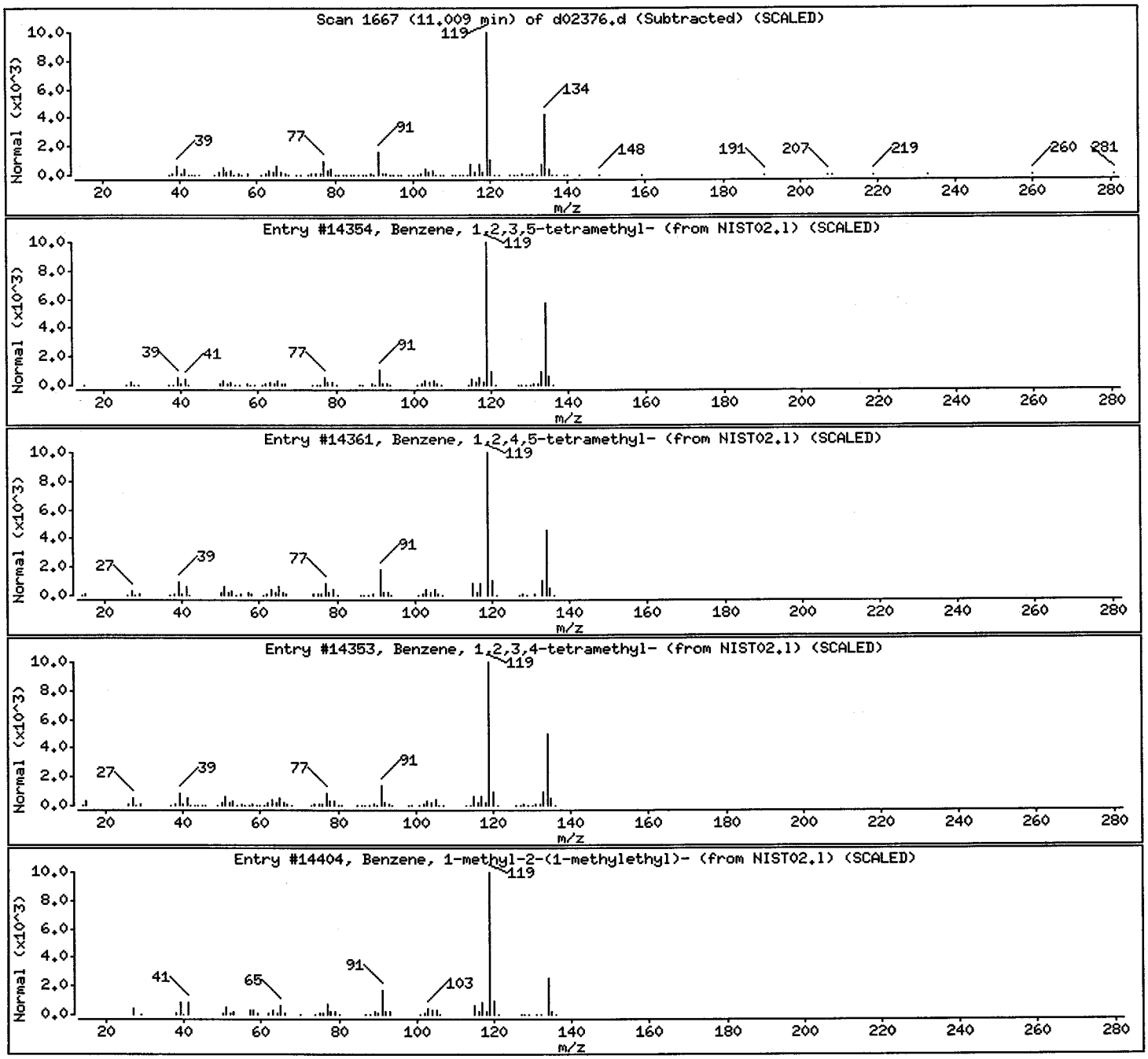
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	96	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14404	95	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

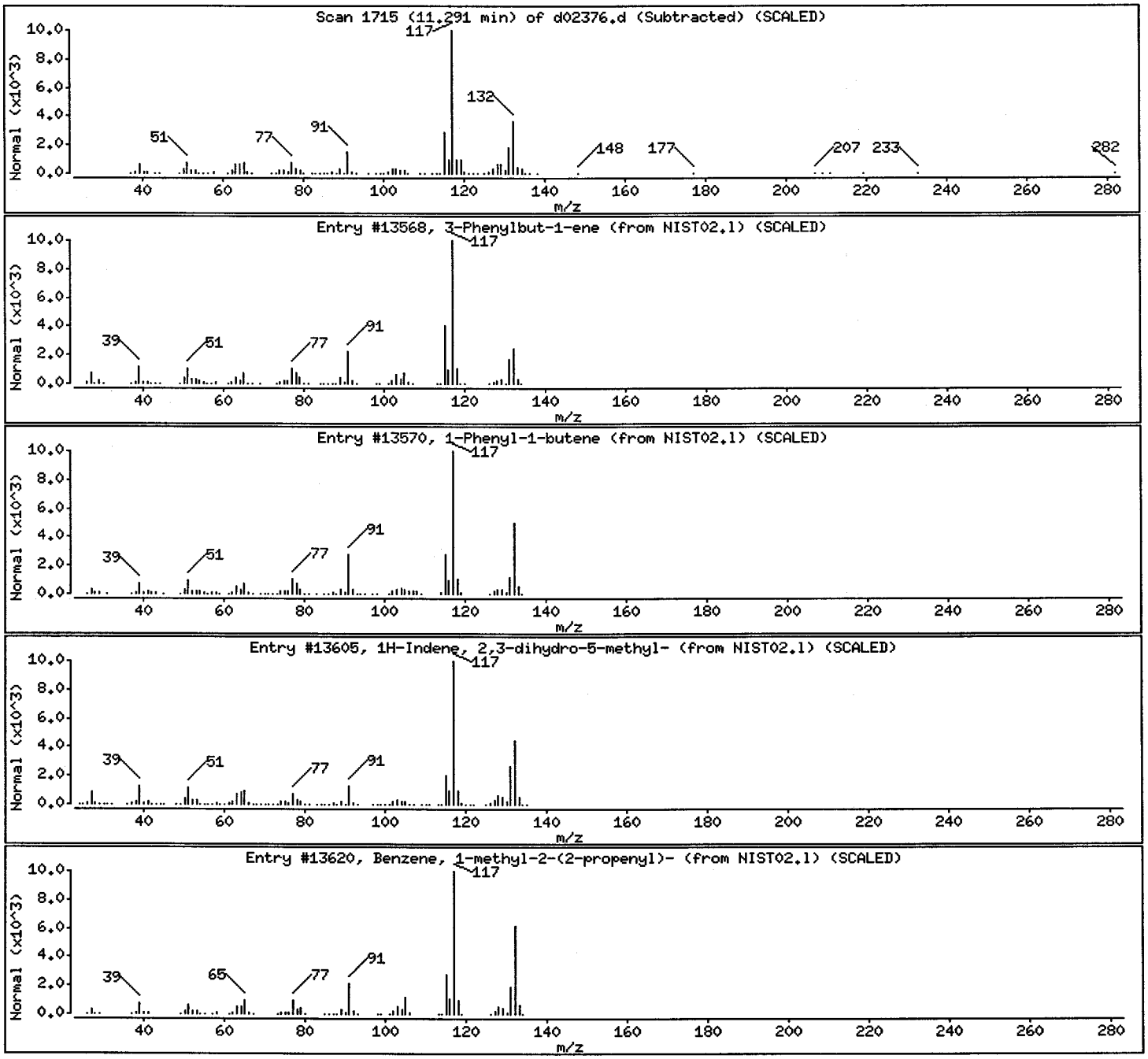
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	93	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13570	90	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	90	C10H12	132
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	87	C10H12	132



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02376.d

Date : 15-AUG-2008 06:57

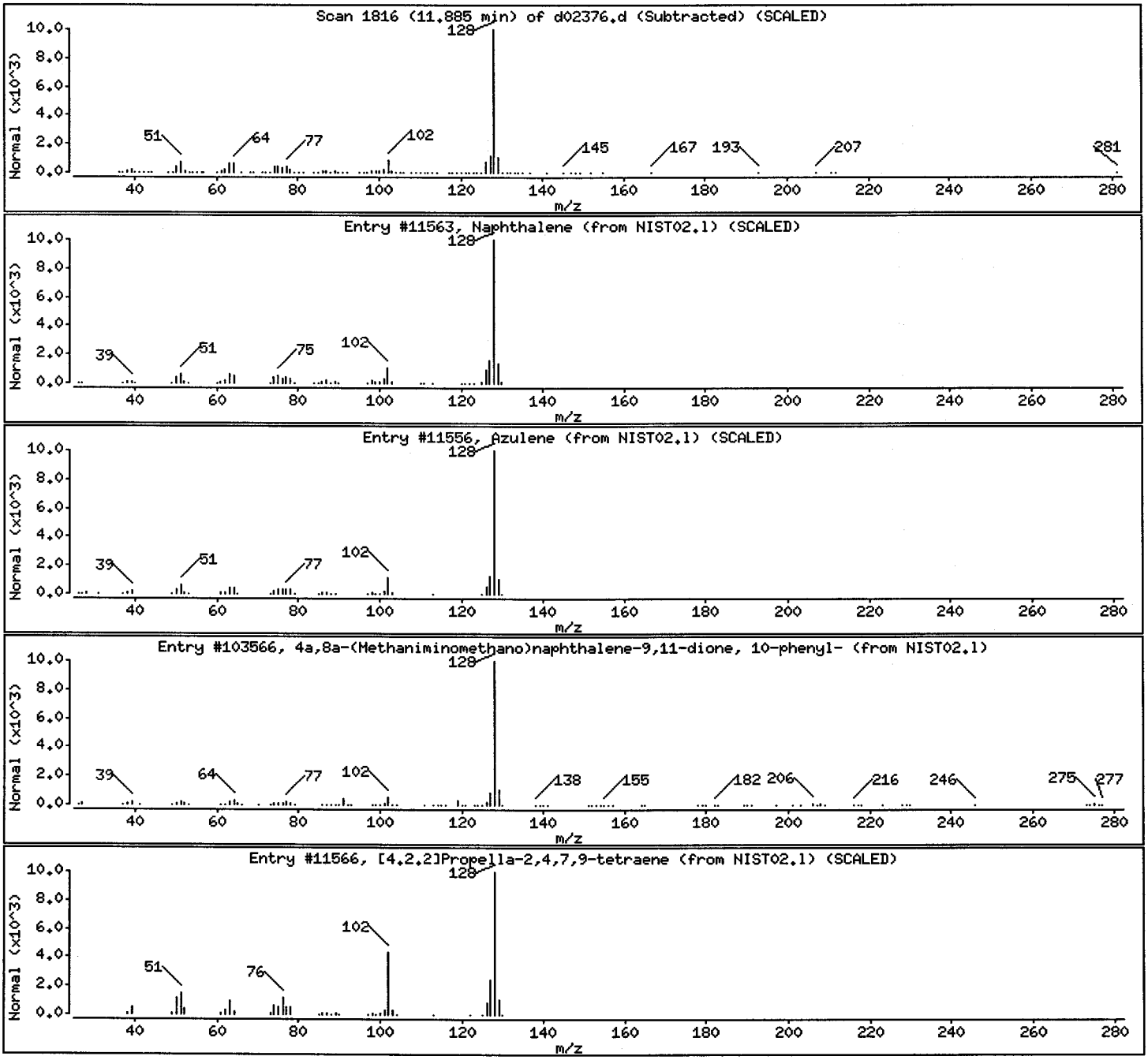
Client ID: 080408-06 Instrument: VOAMS4.i

Sample Info: 940033

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.l	11563	97	C10H8	128
Azulene	275-51-4	NIST02.l	11556	94	C10H8	128
4a,8a-(Methaniminomethano)naphthalene-9,	69915-10-2	NIST02.l	103566	64	C18H13NO2	275
[4.2.2]Propella-2,4,7,9-tetraene	88090-34-0	NIST02.l	11566	50	C10H8	128



Client ID: **080408-06D1**
Site: GM Wilmington-17338

Lab Sample No: **940033D1**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02221.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Benzene	400	5.0
Ethylbenzene	250	20
Xylene (Total)	1000	25

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02221.d
Report Date: 19-Aug-2008 11:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

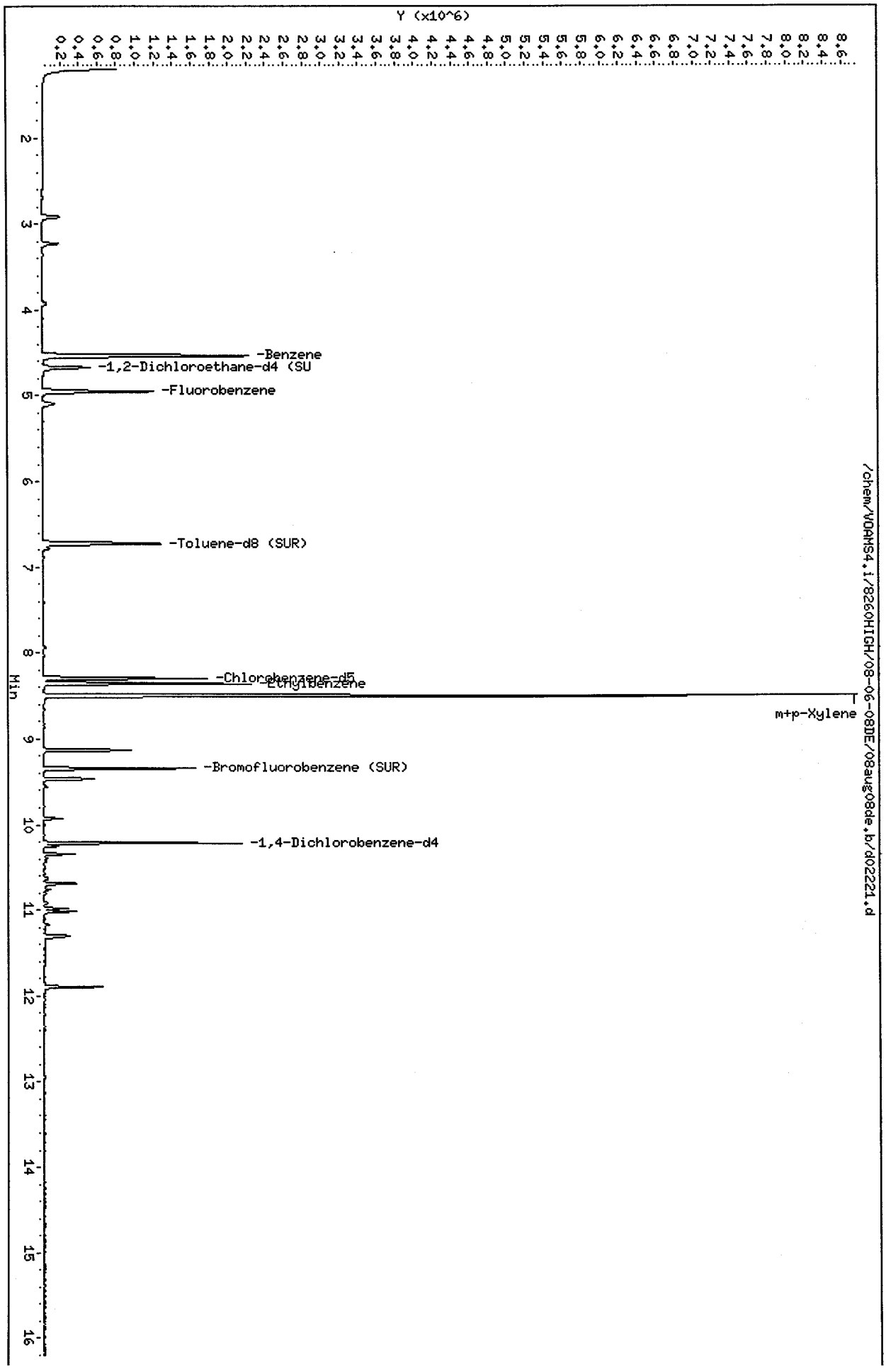
Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02221.d
Lab Smp Id: 940033D1 Client Smp ID: 080408-06D1
Inj Date : 08-AUG-2008 09:01
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940033D1;5
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 10:54 pritch Quant Type: ISTD
Cal Date : 08-AUG-2008 05:26 Cal File: d02212.d
Als bottle: 10
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: BENethXY.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 Benzene	78	4.533	4.533	(0.916)	1789254	79.8912	400
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	388259	51.4913	51
*	19 Fluorobenzene	96	4.950	4.950	(1.000)	949912	50.0000	
$	37 Toluene-d8 (SUR)	98	6.727	6.721	(0.811)	795805	50.8600	51
*	32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	691569	50.0000	
	40 Ethylbenzene	106	8.356	8.356	(1.007)	354573	49.3649	250
	43 m+p-Xylene	106	8.497	8.491	(1.024)	1812529	196.219	980
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	256445	52.6184	53
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.215	(1.000)	324450	50.0000	
M	45 Xylene (Total)	100				1812529	201.834	1000


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02221.d
Date : 08-AUG-2008 09:01
Client ID: 080408-06D1
Sample Info: 940033D1;5
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
-Benzene
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Toluene-d8 (SUR)
-Chlorobenzene-d5
Ethylbenzene
m+p-Xylene
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02221.d

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02221.d

Date : 08-AUG-2008 09:01

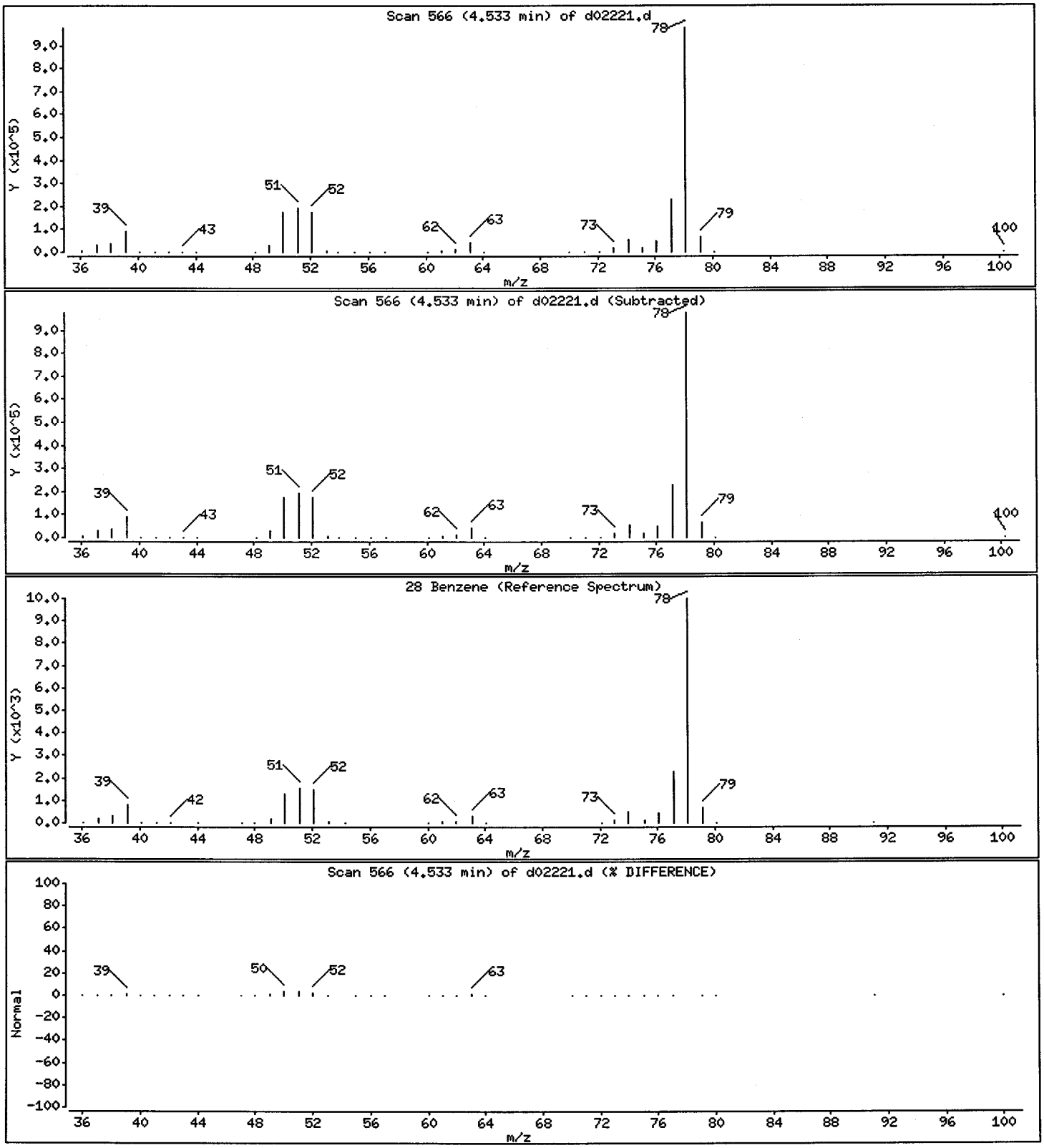
Client ID: 080408-06D1 Instrument: VOAMS4.i

Sample Info: 940033D1;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 400 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02221.d

Date : 08-AUG-2008 09:01

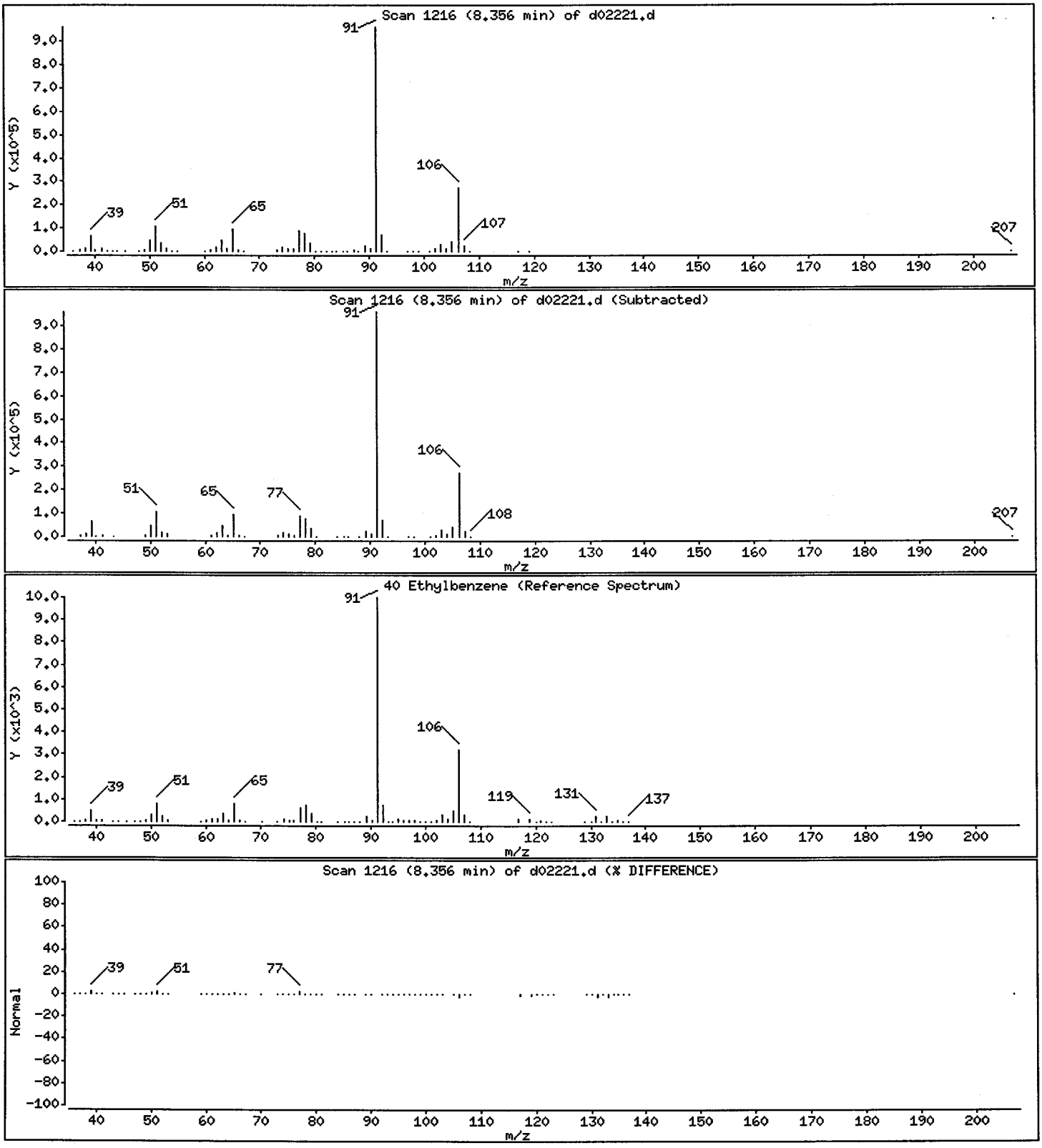
Client ID: 080408-06D1 Instrument: VOAMS4.i

Sample Info: 940033D1;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 250 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02221.d

Date : 08-AUG-2008 09:01

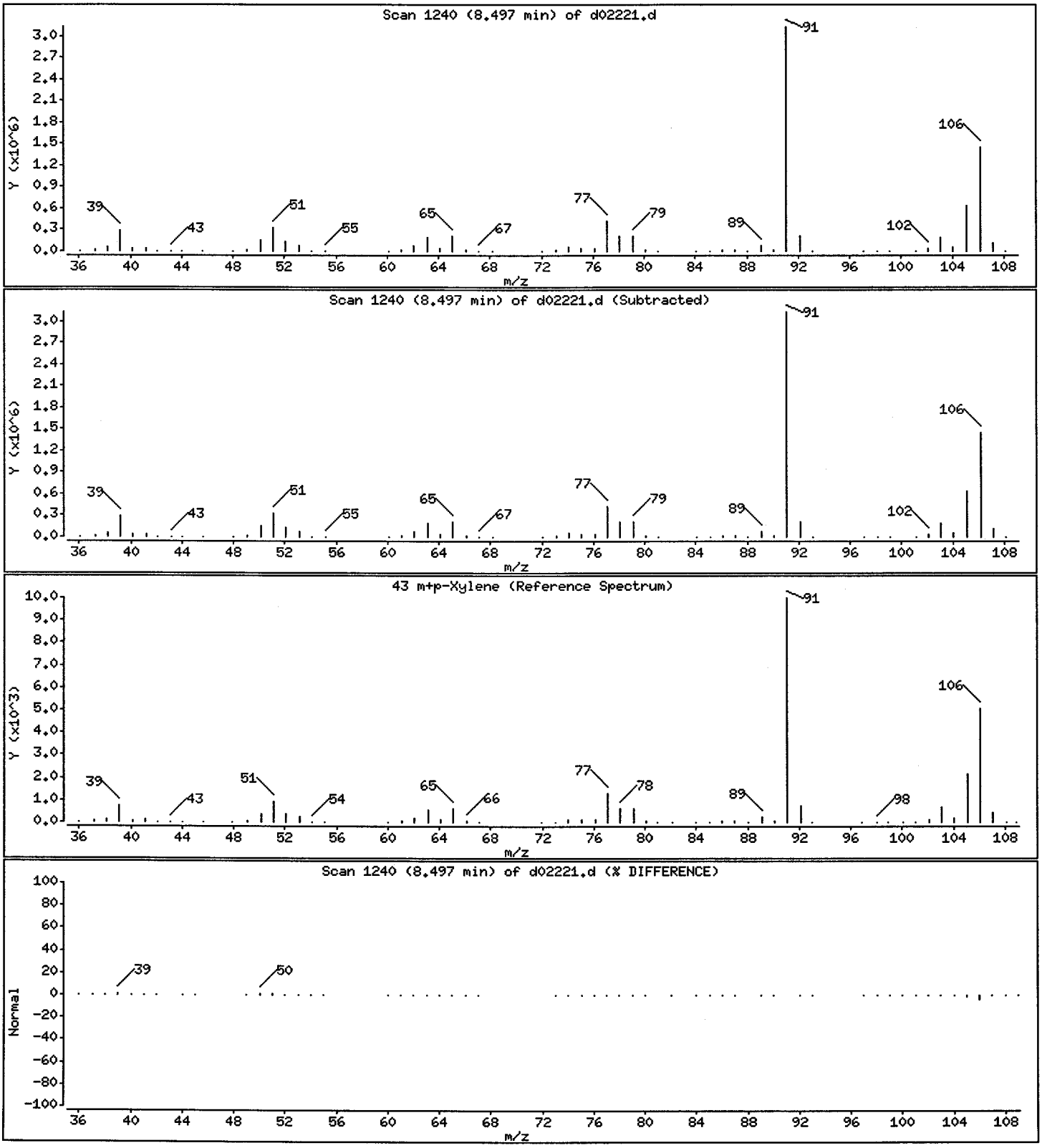
Client ID: 080408-06D1 Instrument: VOAMS4.i

Sample Info: 940033D1;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 980 ug/L



Client ID: **080408-TB**
Site: GM Wilmington-17338

Lab Sample No: **940034**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02219.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	6.8	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080408-TB**
Site: GM Wilmington-17338

Lab Sample No: **940034**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02219.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080408-TB**
Site: GM Wilmington-17338

Lab Sample No: **940034**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02219.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02219.d
Report Date: 19-Aug-2008 11:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02219.d
Lab Smp Id: 940034 Client Smp ID: 080408-TB
Inj Date : 08-AUG-2008 08:13
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940034
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 10:54 pritch Quant Type: ISTD
Cal Date : 08-AUG-2008 05:26 Cal File: d02212.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

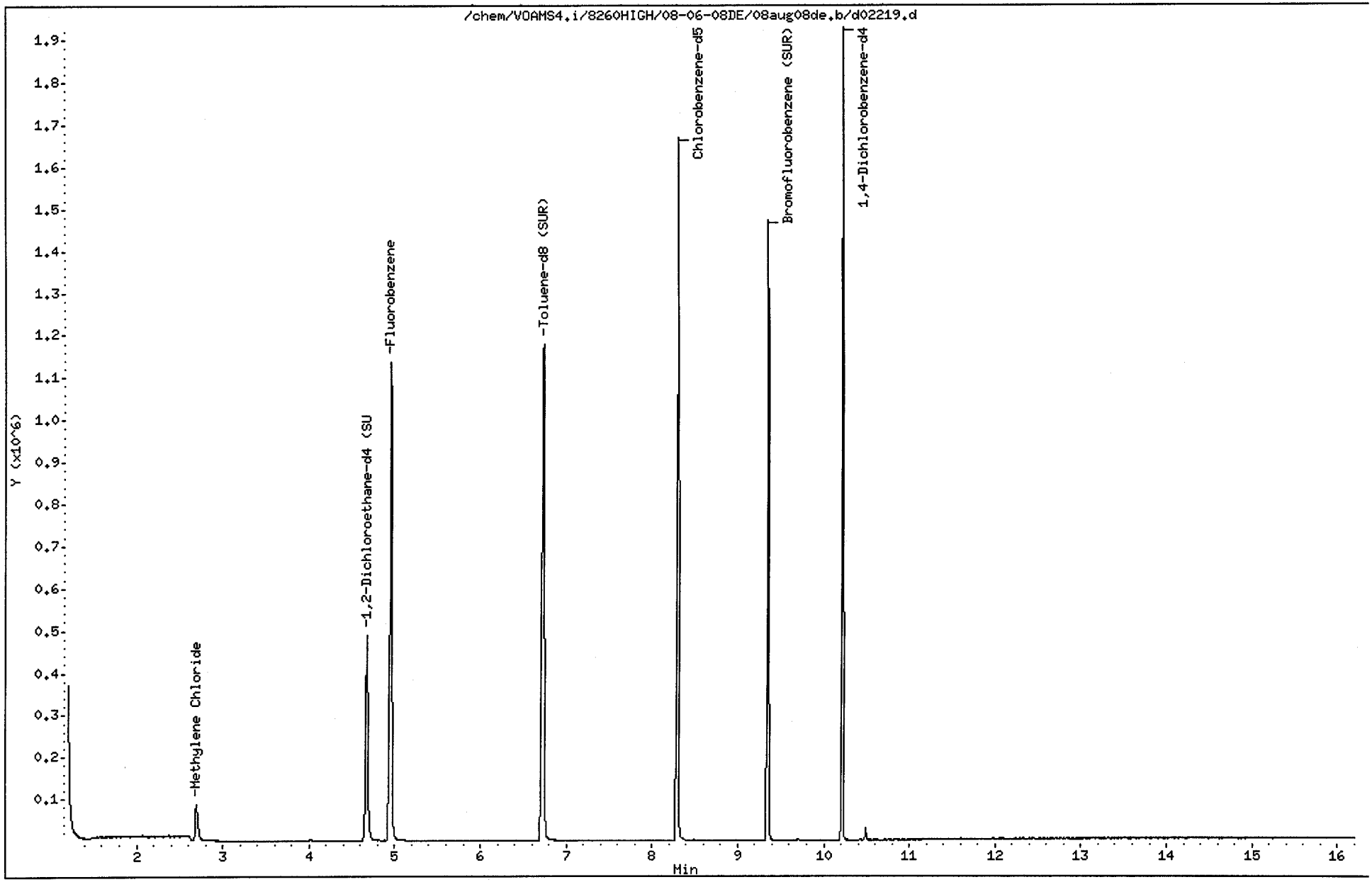
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
6 Methylene Chloride	84	2.692	2.692	(0.544)	37167	6.75079	6.8
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	373039	51.0865	51
* 19 Fluorobenzene	96	4.950	4.950	(1.000)	919906	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.727	6.721	(0.811)	752845	51.6943	52
* 32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	643678	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	219470	49.9100	50
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.215	(1.000)	292738	50.0000	

confirmed d02175.d

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02219.d
Date : 08-AUG-2008 08:13
Client ID: 080408-TB
Sample Info: 940034
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i

Operator: VOAMS 13
Column diameter: 0.18



TestAmerica Edison

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02219.d

Date : 08-AUG-2008 08:13

Client ID: 080408-TB

Instrument: VOAMS4.i

Sample Info: 940034

Purge Volume: 5.0

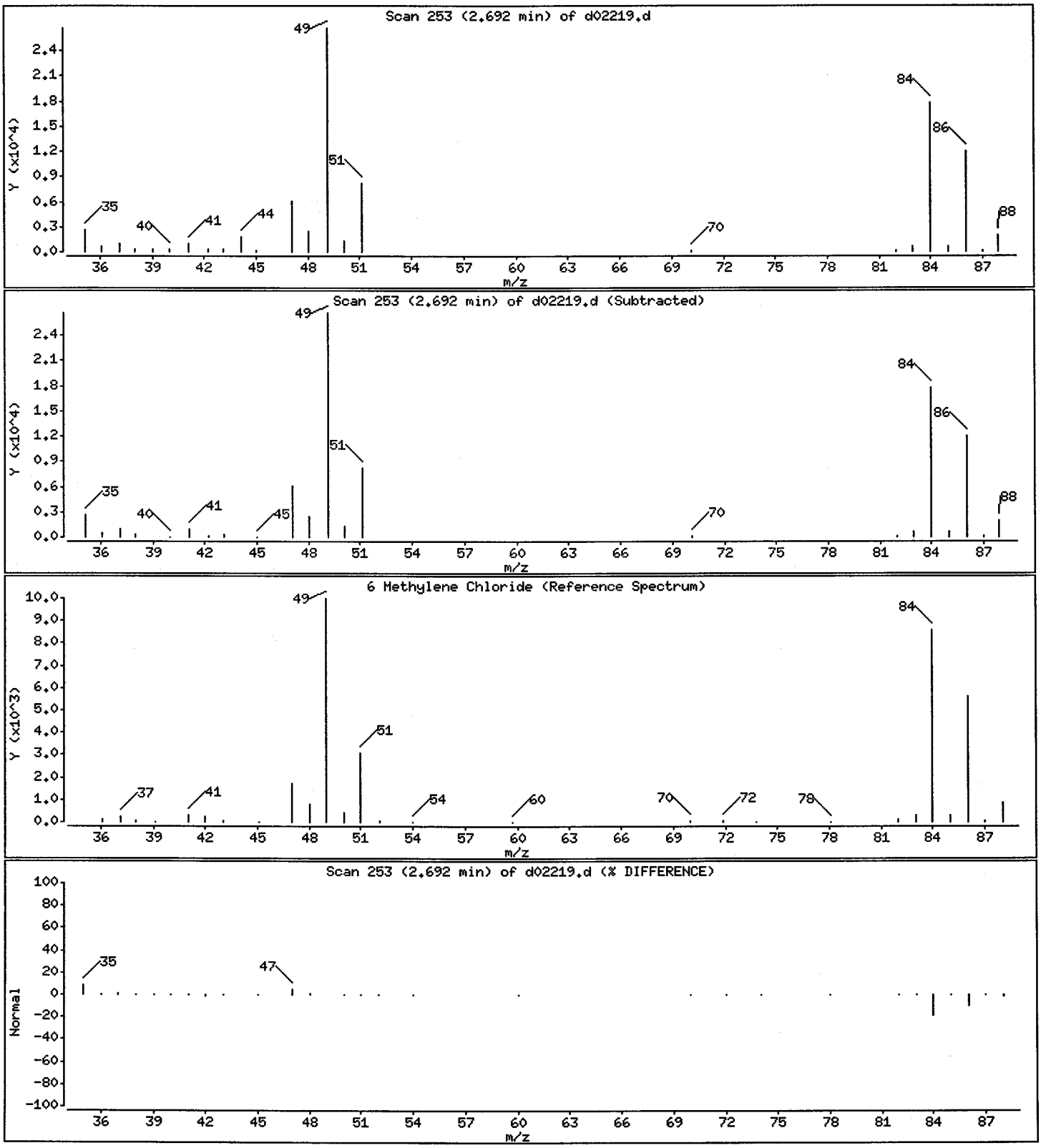
Operator: VOAMS 13

Column phase: Rtx-VMS

Column diameter: 0.18

6 Methylene Chloride

Concentration: 6.8 ug/L



Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02377.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 250.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1200
Bromomethane	ND	1200
Vinyl Chloride	ND	1200
Chloroethane	ND	1200
Methylene Chloride	ND	750
Acetone	*	1200
Carbon Disulfide	ND	1200
Trichlorofluoromethane	ND	1200
1,1-Dichloroethene	ND	500
1,1-Dichloroethane	ND	1200
trans-1,2-Dichloroethene	ND	1200
cis-1,2-Dichloroethene	ND	1200
Chloroform	ND	1200
1,2-Dichloroethane	ND	500
2-Butanone	ND	1200
1,1,1-Trichloroethane	ND	1200
Carbon Tetrachloride	ND	500
Bromodichloromethane	ND	250
1,2-Dichloropropane	ND	250
cis-1,3-Dichloropropene	ND	1200
Trichloroethene	ND	250
Dibromochloromethane	ND	1200
1,1,2-Trichloroethane	ND	750
Benzene	960	250
trans-1,3-Dichloropropene	ND	1200
Bromoform	ND	1000
4-Methyl-2-Pentanone	540 J	1200
2-Hexanone	ND	1200
Tetrachloroethene	ND	250
1,1,2,2-Tetrachloroethane	ND	250
Toluene	*	1200
Chlorobenzene	ND	1200
Ethylbenzene	18000	1000
Styrene	ND	1200

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02377.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 250.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	30000	1200
Freon TF	ND	1200
MTBE	530 J	1200
Cyclohexane	ND	1200
1,2-Dibromoethane	ND	1200
1,3-Dichlorobenzene	ND	1200
1,4-Dichlorobenzene	ND	1200
1,2-Dichlorobenzene	ND	1200
Dichlorodifluoromethane	ND	1200
1,2,4-Trichlorobenzene	ND	1200
1,2-Dibromo-3-chloropropane	ND	1200
Isopropylbenzene	ND	1200
Methyl Acetate	ND	1200
Methyl Cyclohexane	ND	1200

* see dilution

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02377.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 250.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d
Report Date: 19-Aug-2008 11:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d
Lab Smp Id: 940360 Client Smp ID: 080508-07
Inj Date : 15-AUG-2008 07:20
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940360;250
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 9
Dil Factor: 250.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	250.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

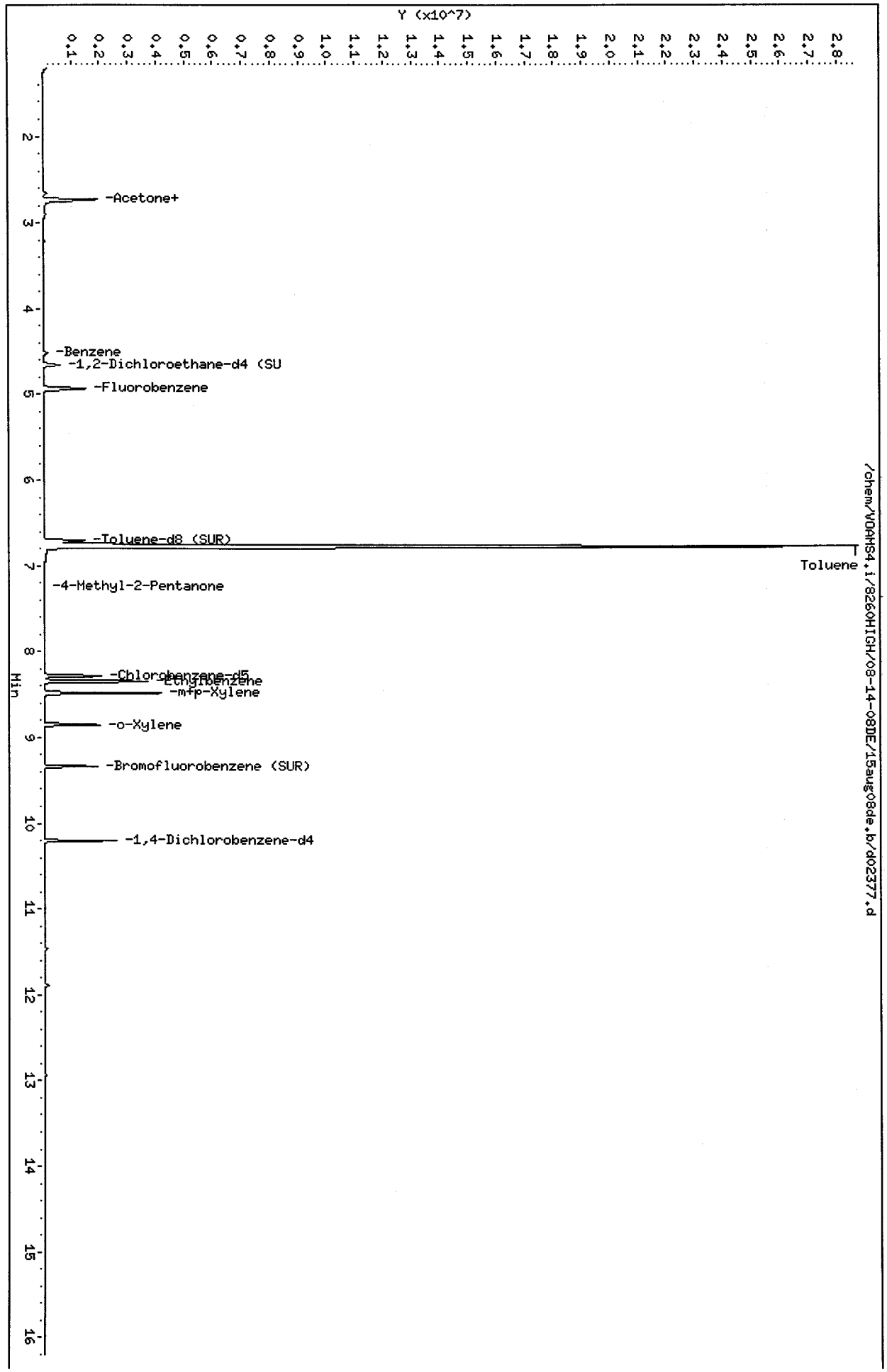
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	7 Acetone	58	2.733	2.733	(0.553)	693185	970.037	240000(A) *
	53 MTBE	73	2.903	2.903	(0.588)	43286	2.12917	530(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.943)	382215	51.3189	51
	28 Benzene	78	4.521	4.515	(0.915)	107780	3.84589	960
*	19 Fluorobenzene	96	4.939	4.933	(1.000)	1295212	50.0000	
	33 4-Methyl-2-Pentanone	43	7.238	7.238	(1.466)	14044	2.14081	540(a)
$	37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	980129	50.8579	51
	38 Toluene	91	6.762	6.768	(0.816)	20347131	760.634	190000(AM) *
*	32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	888366	50.0000	
	40 Ethylbenzene	106	8.344	8.344	(1.007)	647126	72.4170	18000
	43 m+p-Xylene	106	8.479	8.485	(1.023)	949502	84.0027	21000
	44 o-Xylene	106	8.850	8.850	(1.068)	388598	36.7445	9200
$	41 Bromofluorobenzene (SUR)	174	9.332	9.338	(0.915)	357465	52.2965	52
*	91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	421700	50.0000	
M	45 Xylene (Total)	100				1338100	120.978	30000

* See dilution

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d
Report Date: 19-Aug-2008 11:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.


Y (x10^7)
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Min
-Acetone+
-Benzene
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Toluene-d8 (SUR)
Toluene
-4-Methyl-2-Pentanone
-Chlorobenzene-d5
-Ethylbenzene
-m+p-Xylene
-o-Xylene
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d
Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d
Date : 15-AUG-2008 07:20
Client ID: 080508-07
Sample Info: 940360;250
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d

Date : 15-AUG-2008 07:20

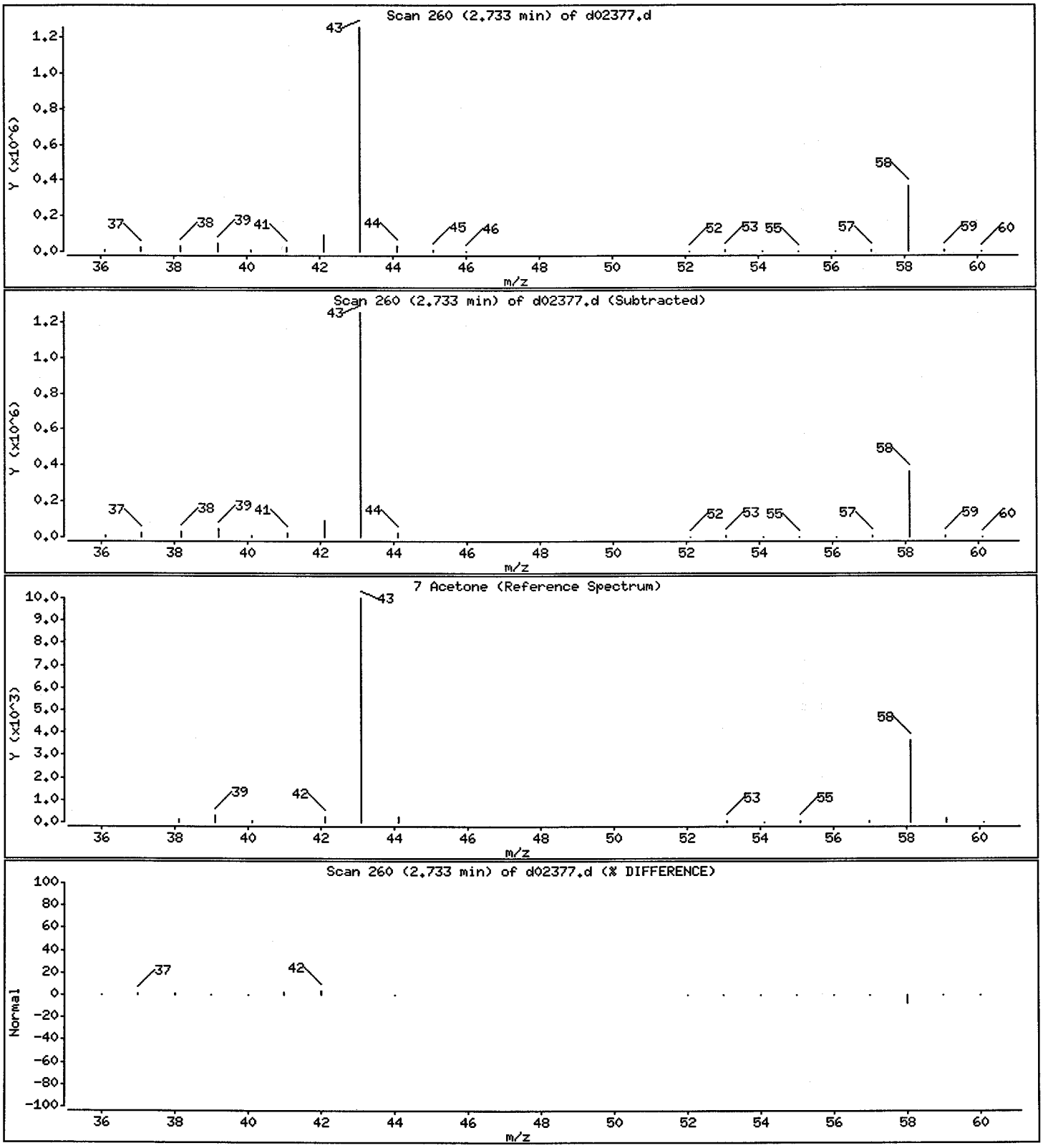
Client ID: 080508-07 Instrument: VOAMS4.i

Sample Info: 940360;250

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

7 Acetone Concentration: 240000 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d

Date : 15-AUG-2008 07:20

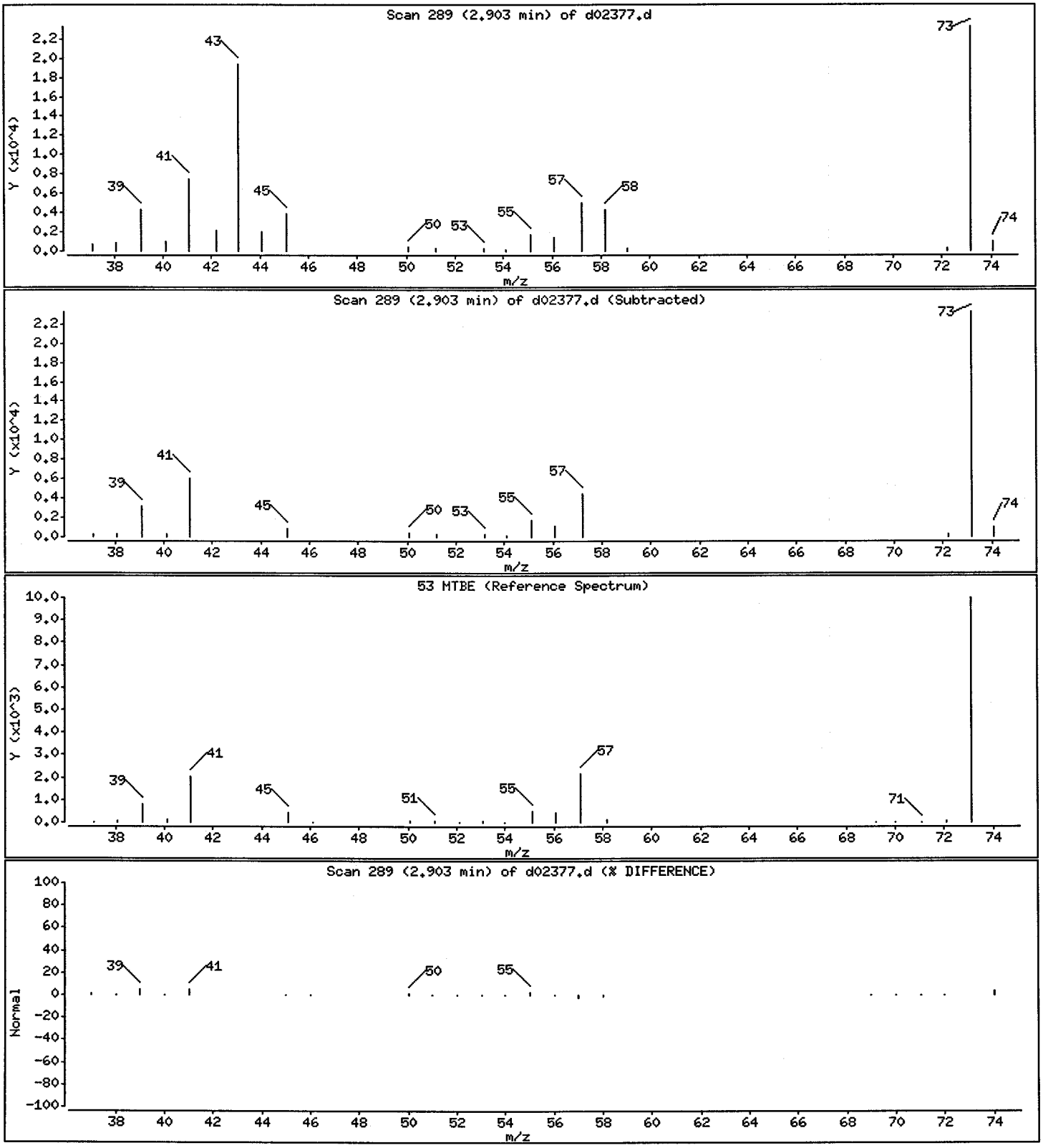
Client ID: 080508-07 Instrument: VOAMS4.i

Sample Info: 940360;250

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 530 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d

Date : 15-AUG-2008 07:20

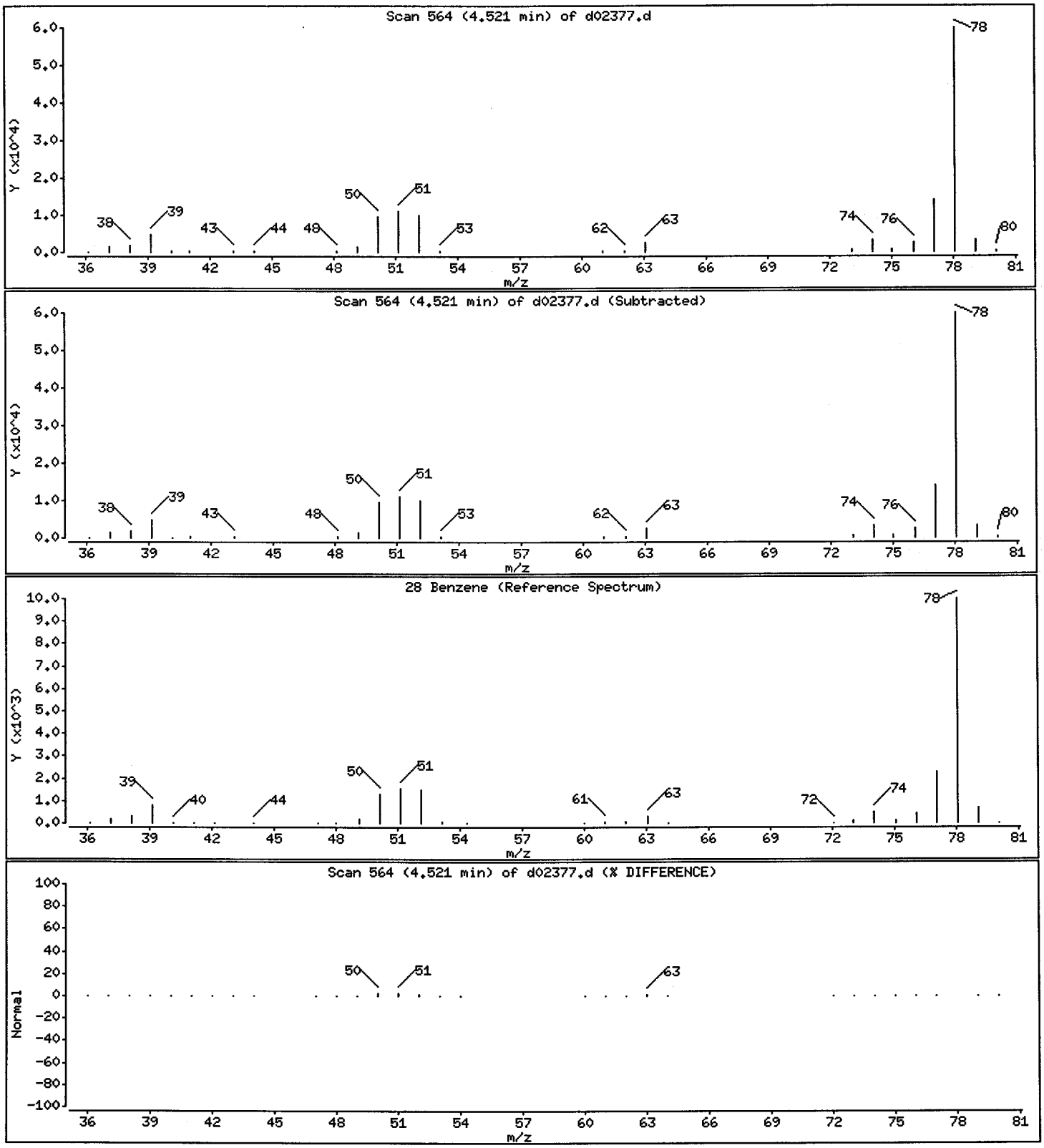
Client ID: 080508-07 Instrument: VOAMS4.i

Sample Info: 940360;250

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 960 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d

Date : 15-AUG-2008 07:20

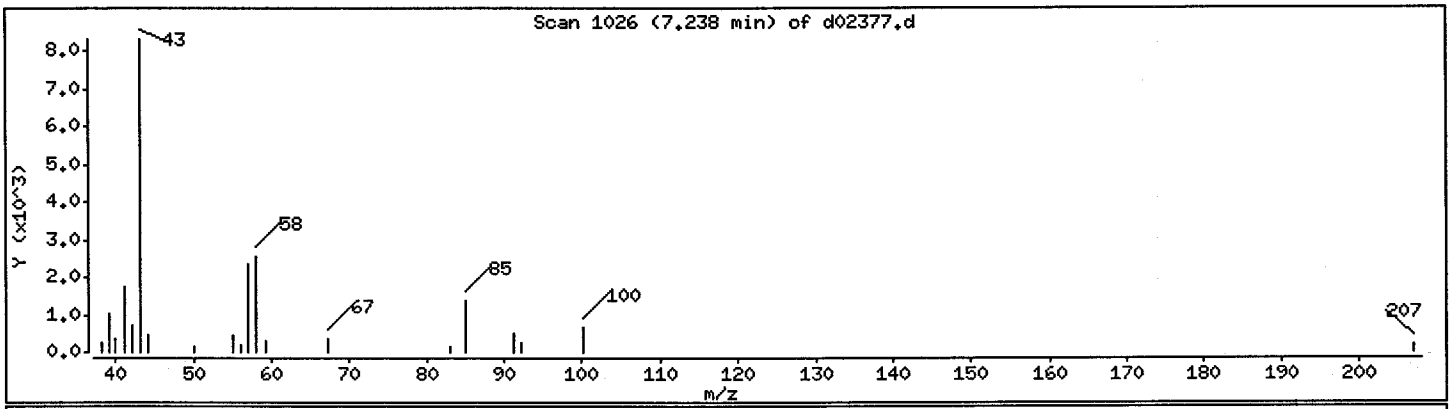
Client ID: 080508-07 Instrument: VOAMS4.i

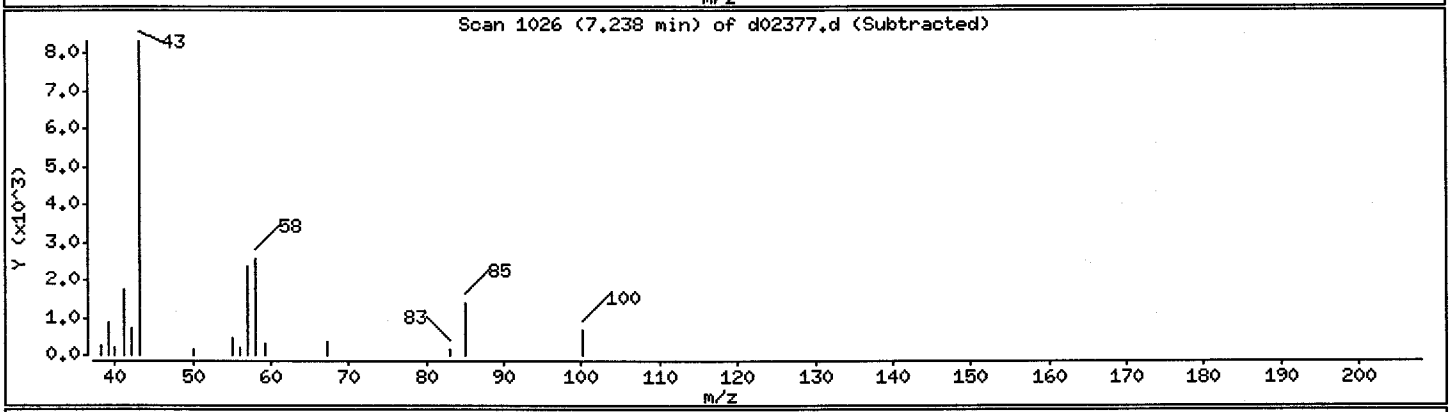
Sample Info: 940360;250

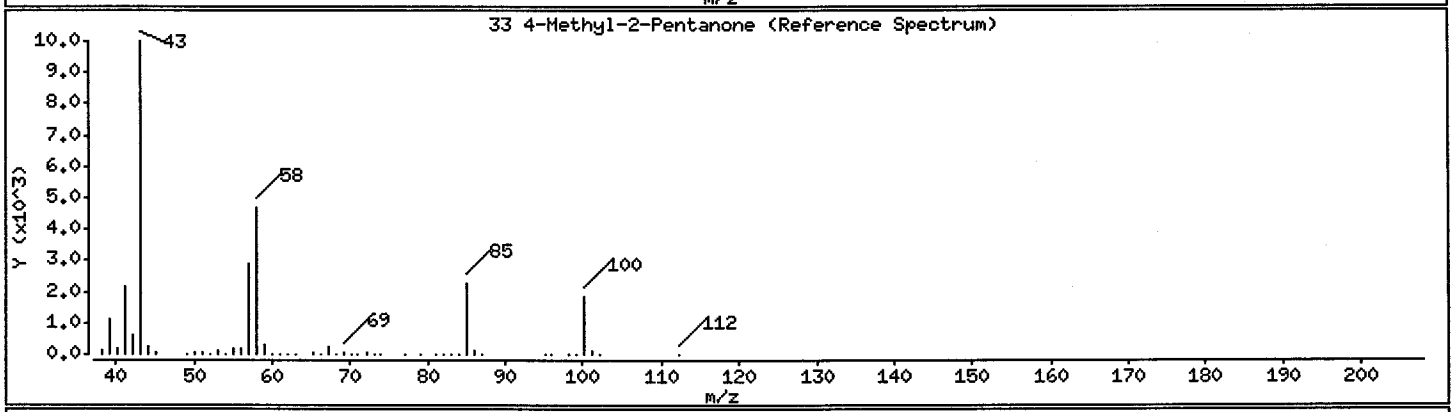
Purge Volume: 5.0 Operator: VOAMS 13

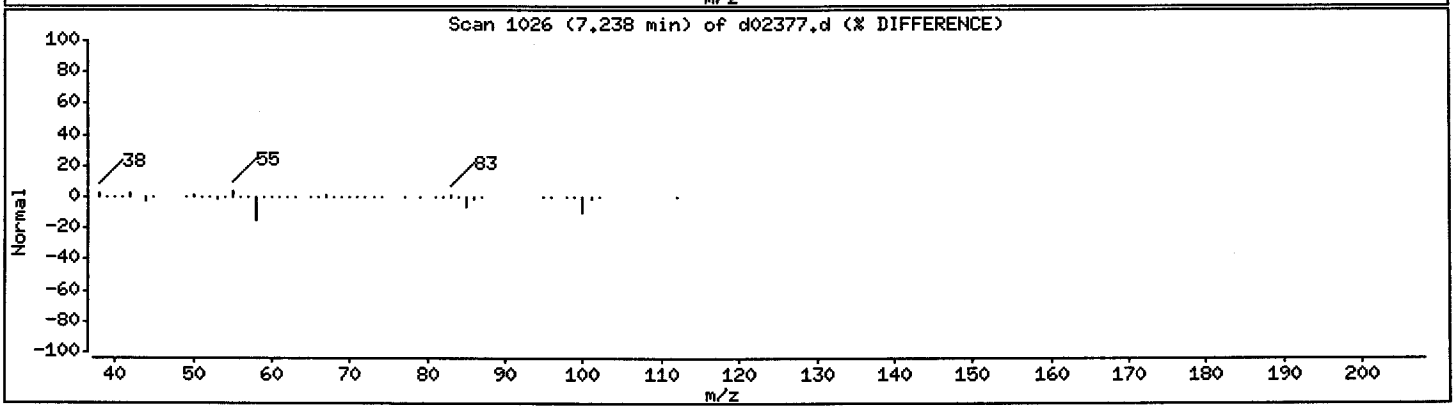
Column phase: Rtx-VMS Column diameter: 0.18

33 4-Methyl-2-Pentanone Concentration: 540 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d

Date : 15-AUG-2008 07:20

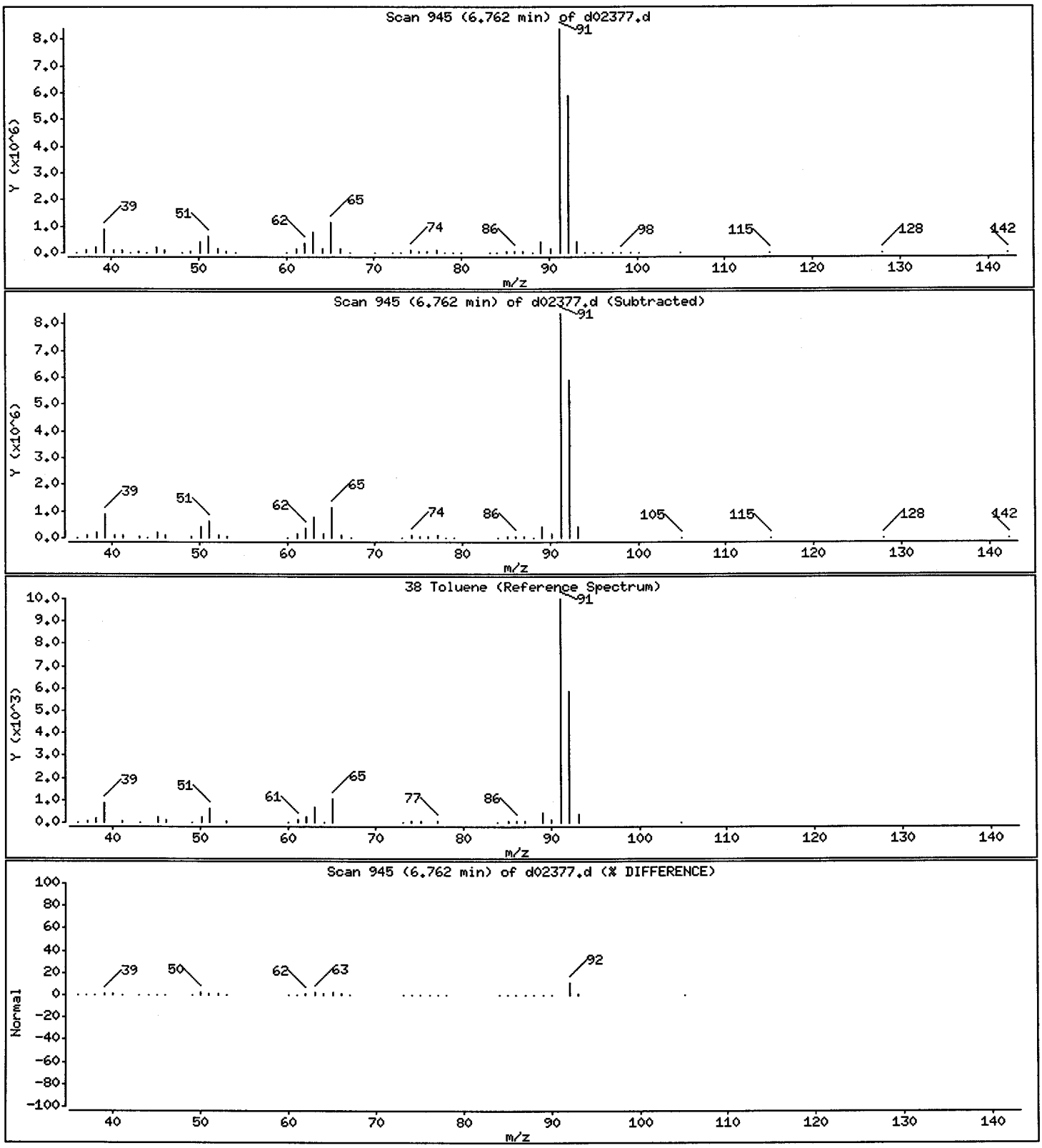
Client ID: 080508-07 Instrument: VOAMS4.i

Sample Info: 940360;250

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 190000 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d

Date : 15-AUG-2008 07:20

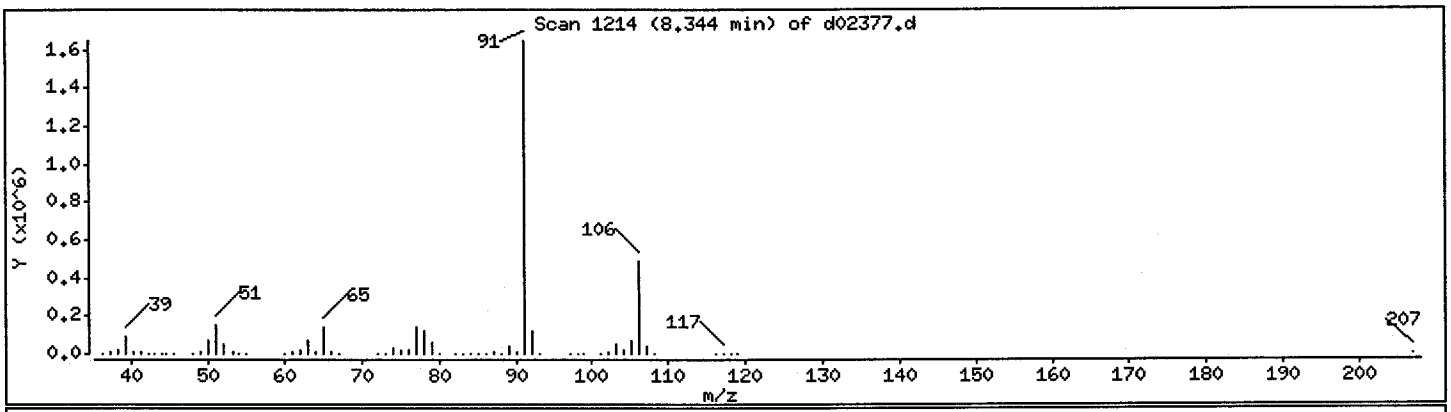
Client ID: 080508-07 Instrument: VOAMS4.i

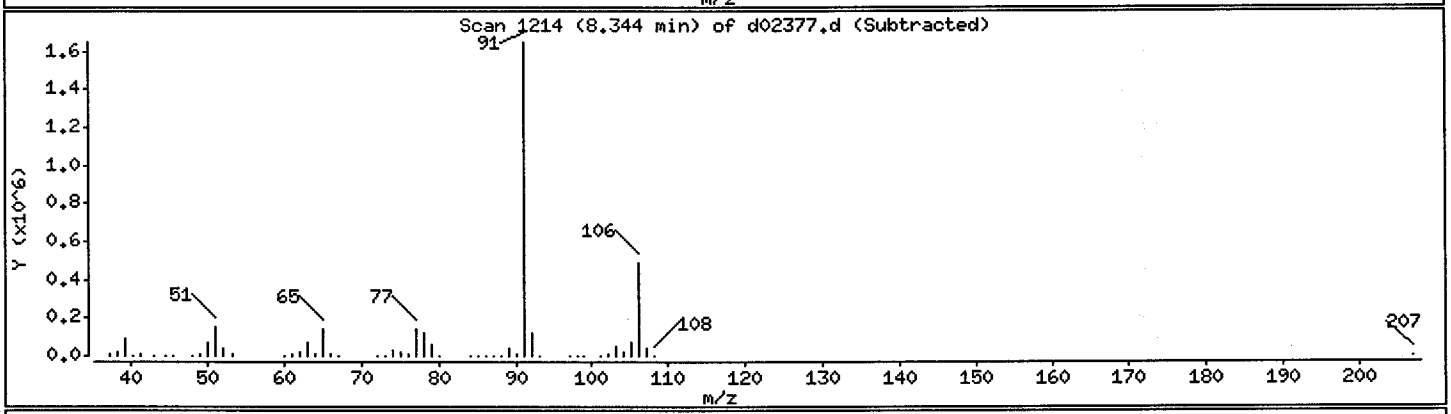
Sample Info: 940360;250

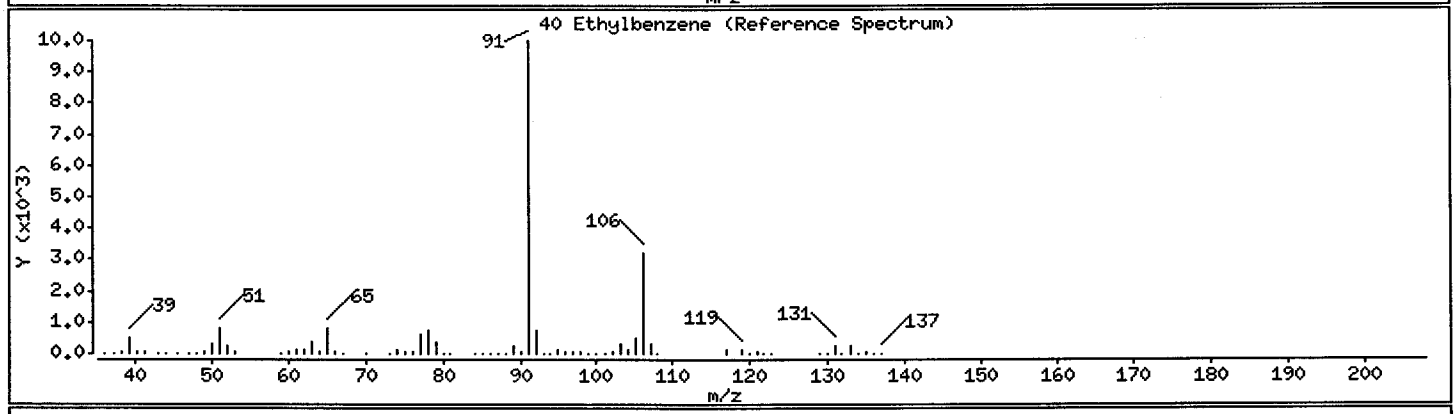
Purge Volume: 5.0 Operator: VOAMS 13

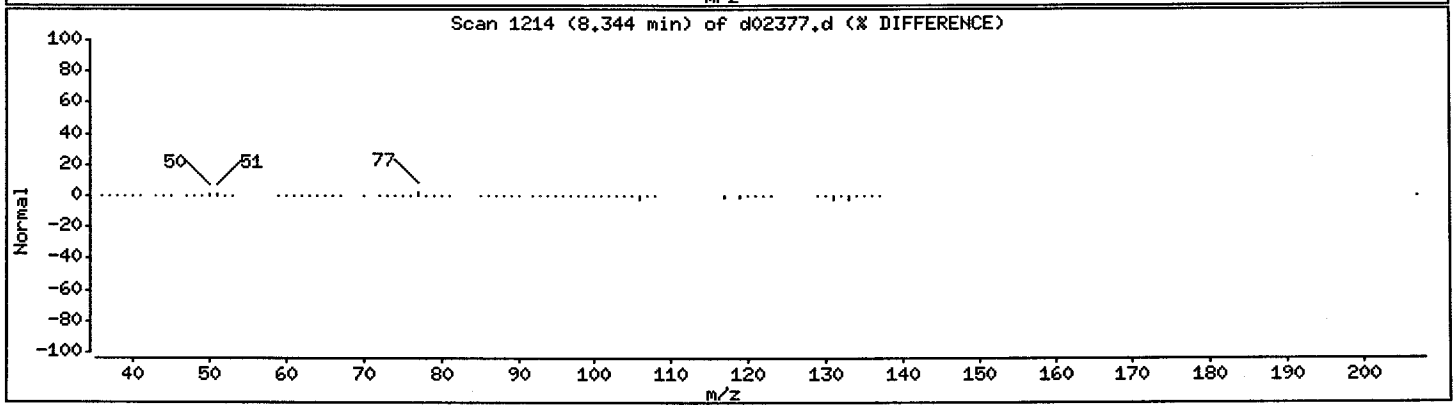
Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 18000 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d

Date : 15-AUG-2008 07:20

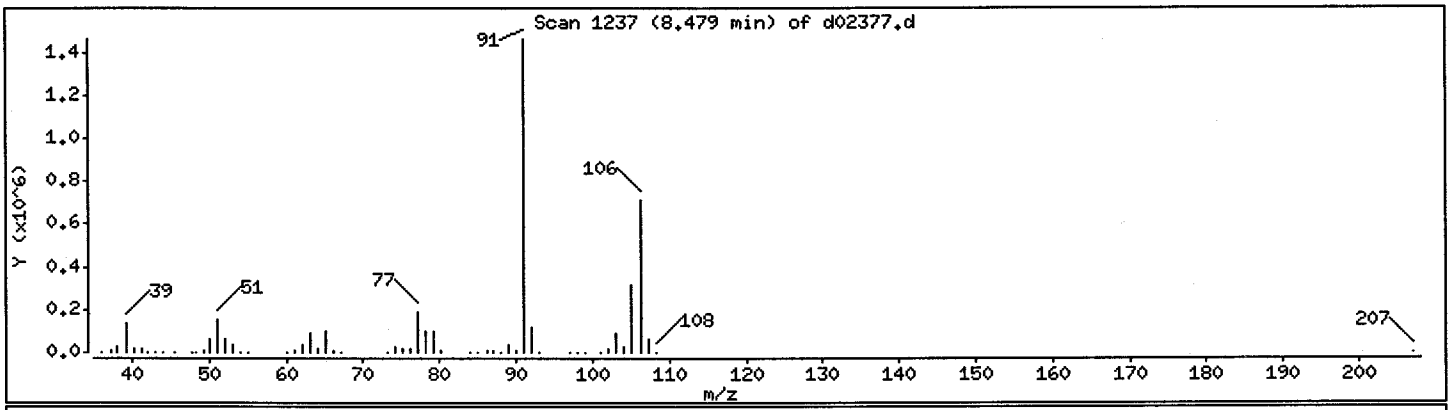
Client ID: 080508-07 Instrument: VOAMS4.i

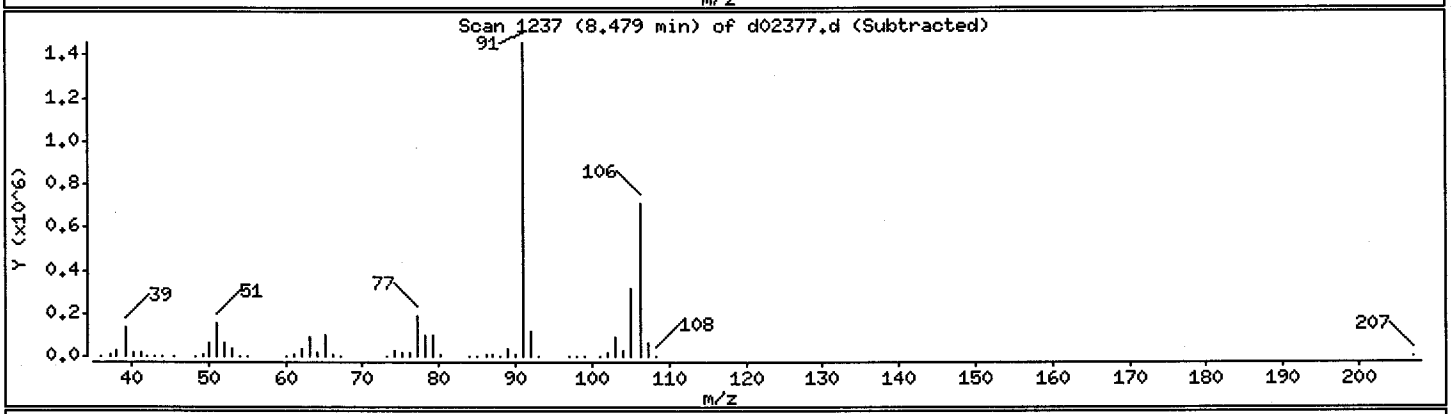
Sample Info: 940360;250

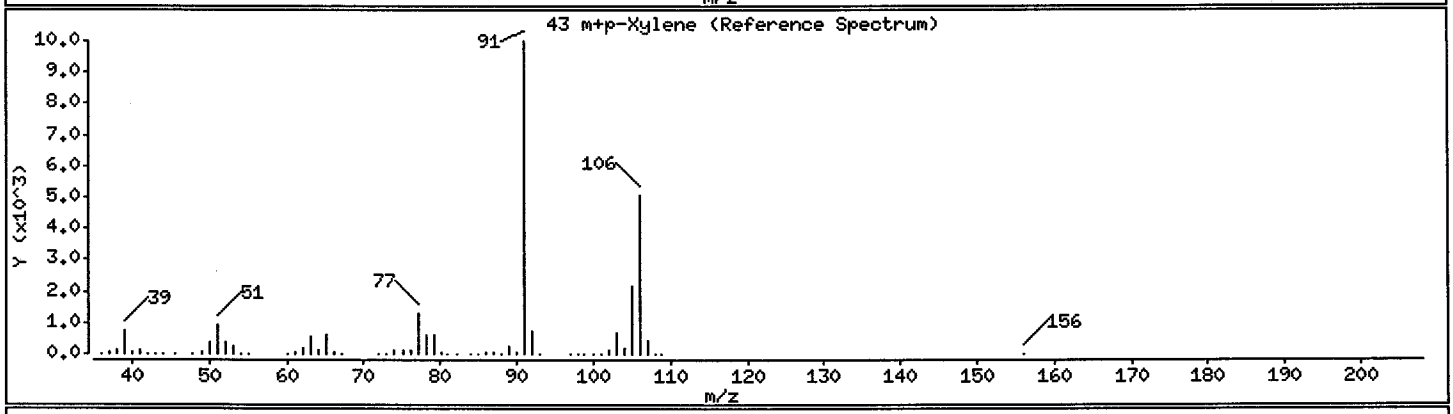
Purge Volume: 5.0 Operator: VOAMS 13

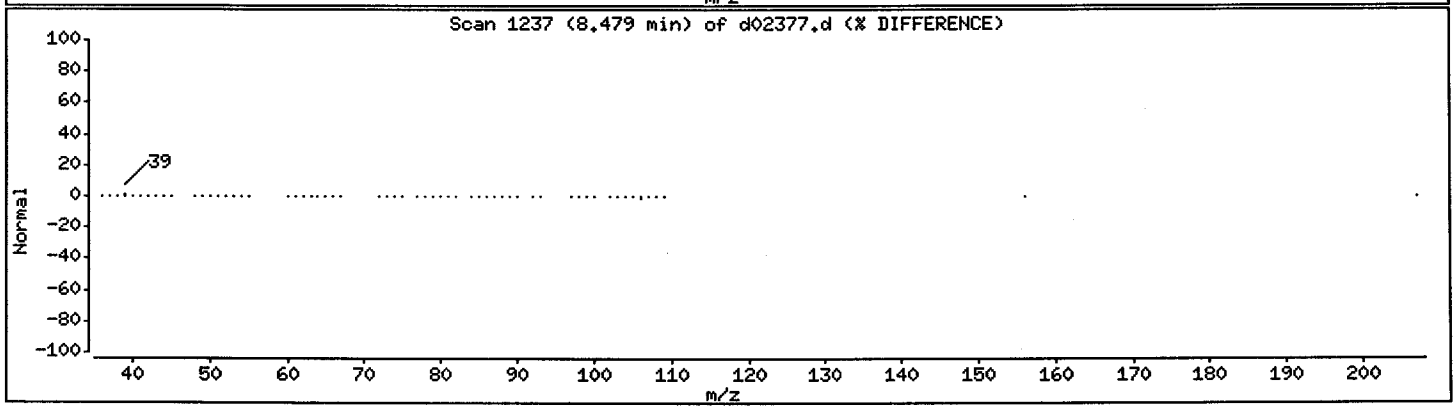
Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 21000 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02377.d

Date : 15-AUG-2008 07:20

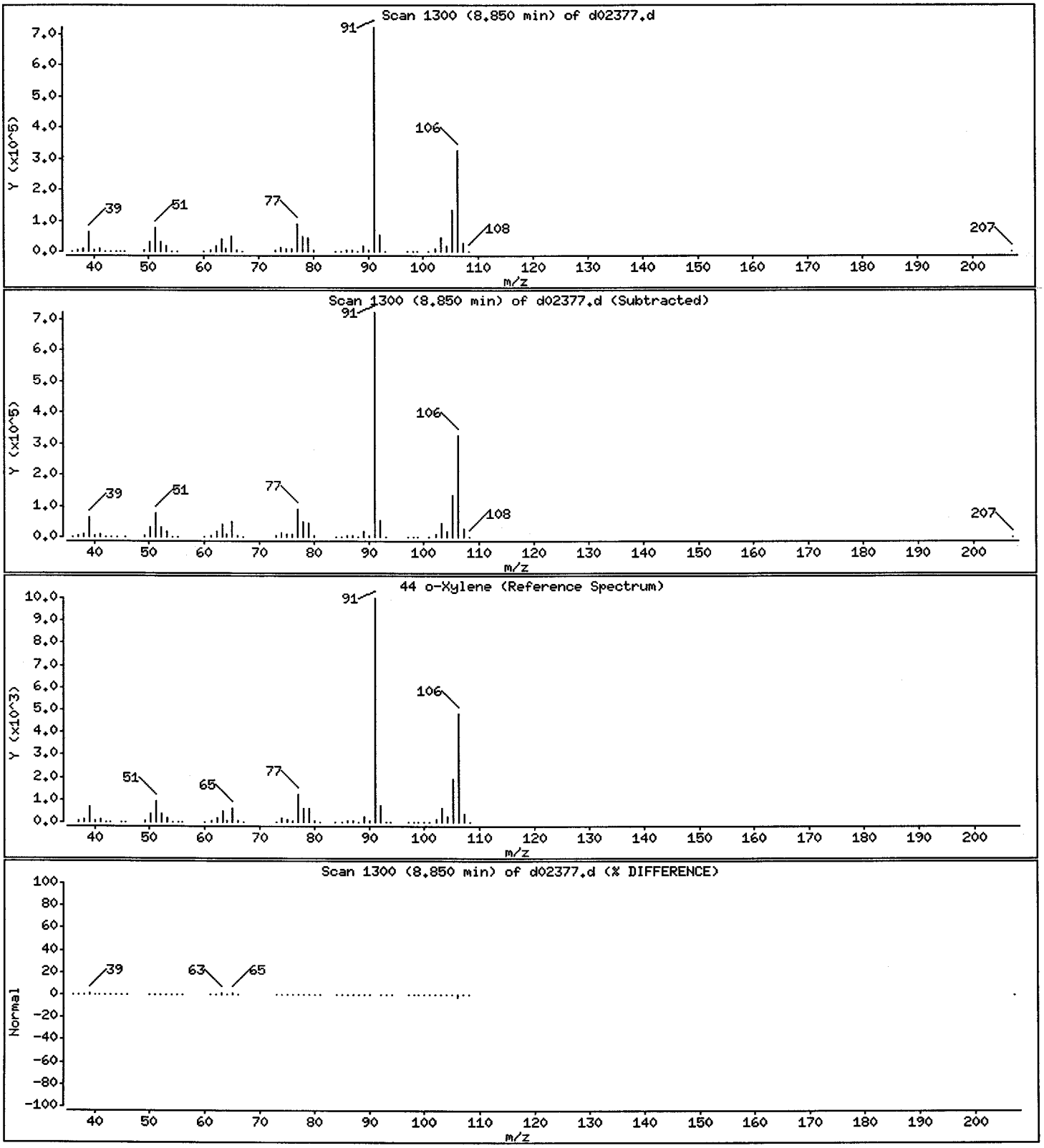
Client ID: 080508-07 Instrument: VOAMS4.i

Sample Info: 940360;250

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 9200 ug/L



Client ID: **080508-07D1**
Site: GM Wilmington-17338

Lab Sample No: **940360D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02176.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2500.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Acetone	220000	12000
Toluene	190000	12000

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02176.d
Report Date: 19-Aug-2008 11:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

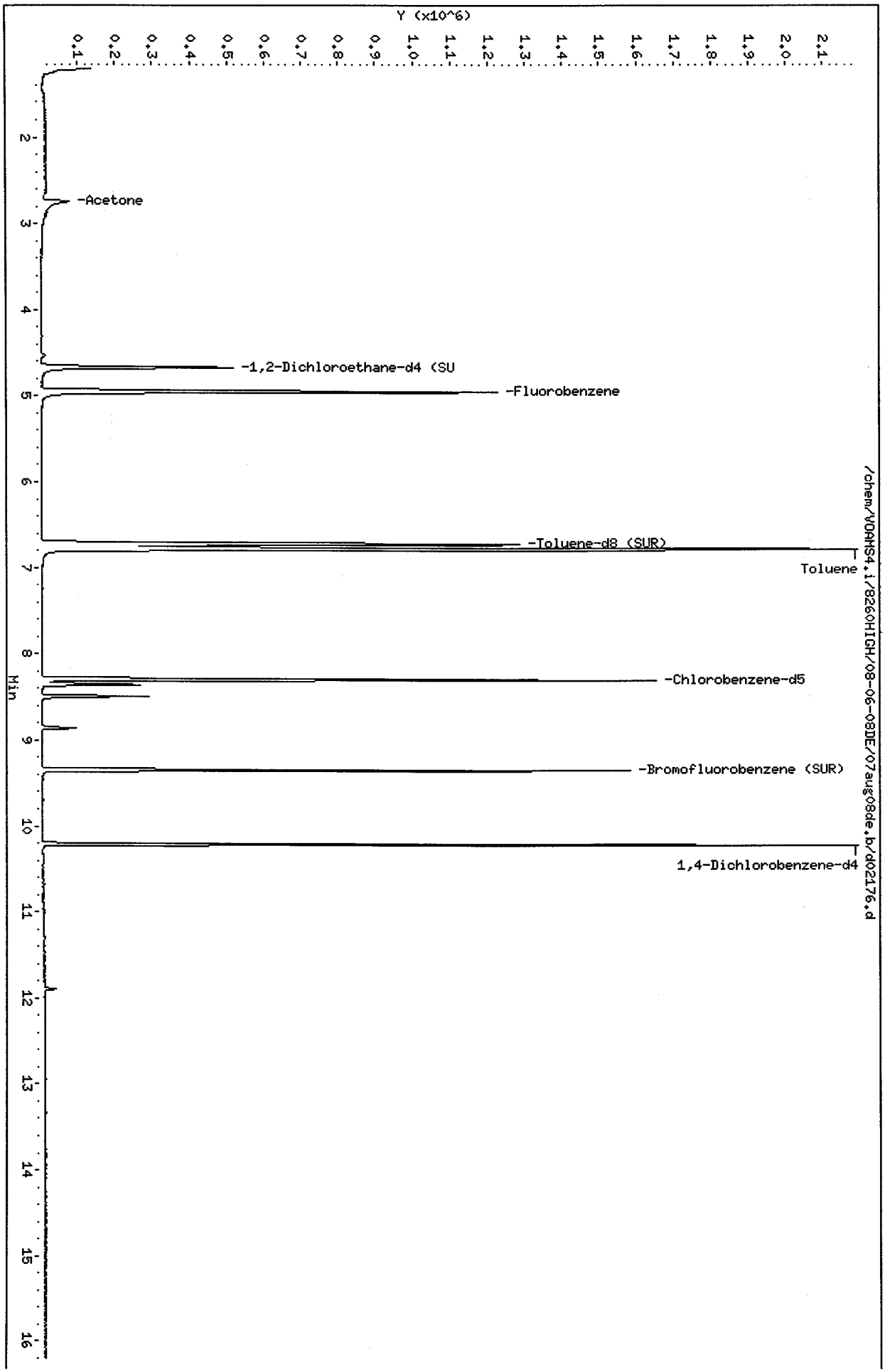
Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02176.d
Lab Smp Id: 940360D1 Client Smp ID: 080508-07D1
Inj Date : 07-AUG-2008 12:42
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940360D1;2500
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 15
Dil Factor: 2500.00000
Integrator: HP RTE Compound Sublist: ACETol.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2500.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
7 Acetone	58	2.745	2.745	(0.554)	50034	86.3358	220000
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.943)	390237	46.4201	46
* 19 Fluorobenzene	96	4.950	4.944	(1.000)	1076486	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.715	(0.811)	833678	52.5889	52
38 Toluene	91	6.780	6.780	(0.818)	1659120	76.4625	190000
* 32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	715084	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	258797	55.1778	55
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	335248	50.0000	


Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
Min
-Acetone
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Toluene-d8 (SUR)
Toluene
-Chlorobenzene-d5
-Bromofluorobenzene (SUR)
1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02176.d
Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02176.d
Date : 07-AUG-2008 12:42
Client ID: 080508-07D1
Sample Info: 940360D1;2500
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02176.d

Date : 07-AUG-2008 12:42

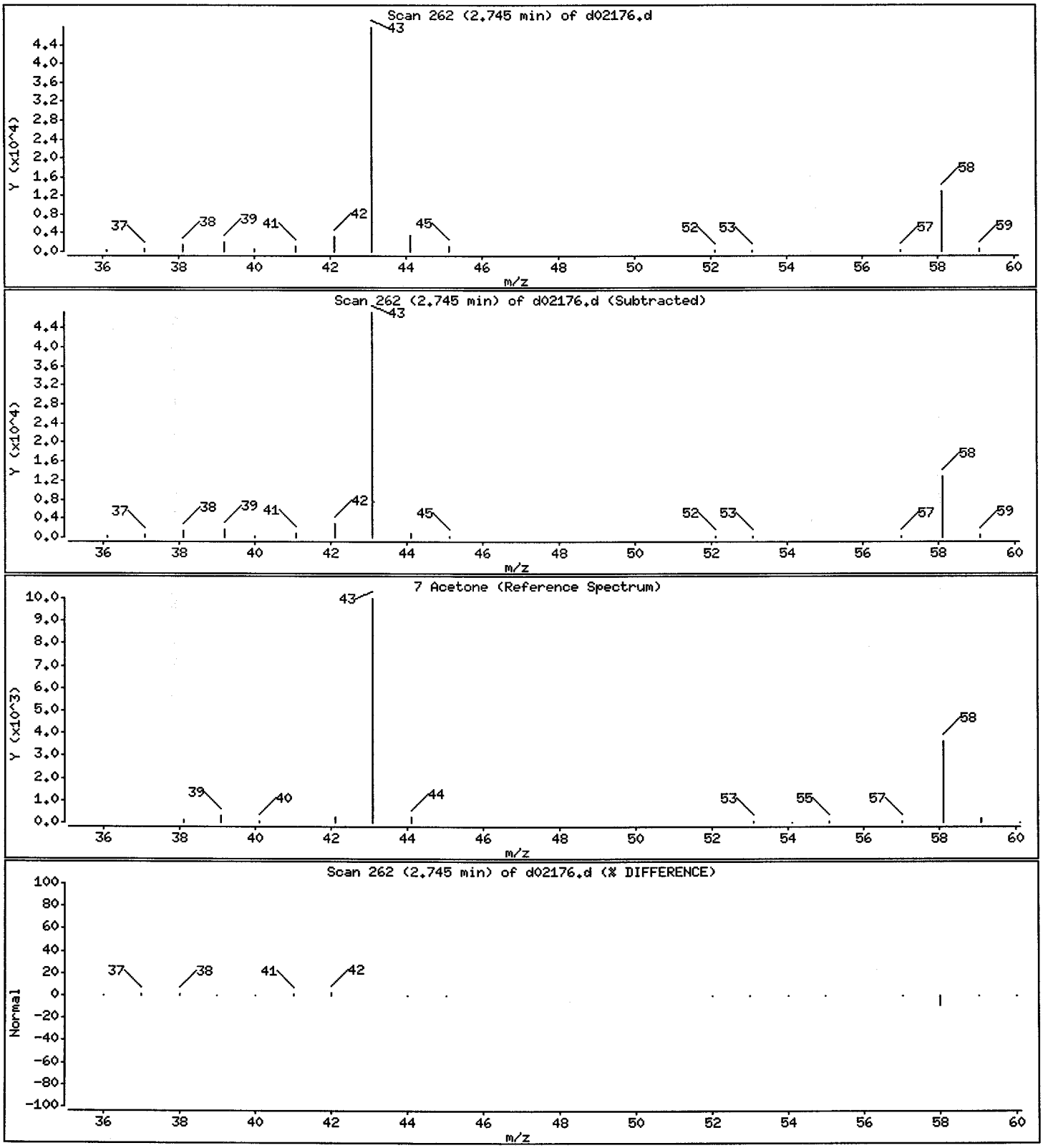
Client ID: 080508-07D1 Instrument: VOAMS4.i

Sample Info: 940360D1;2500

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

7 Acetone Concentration: 220000 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02176.d

Date : 07-AUG-2008 12:42

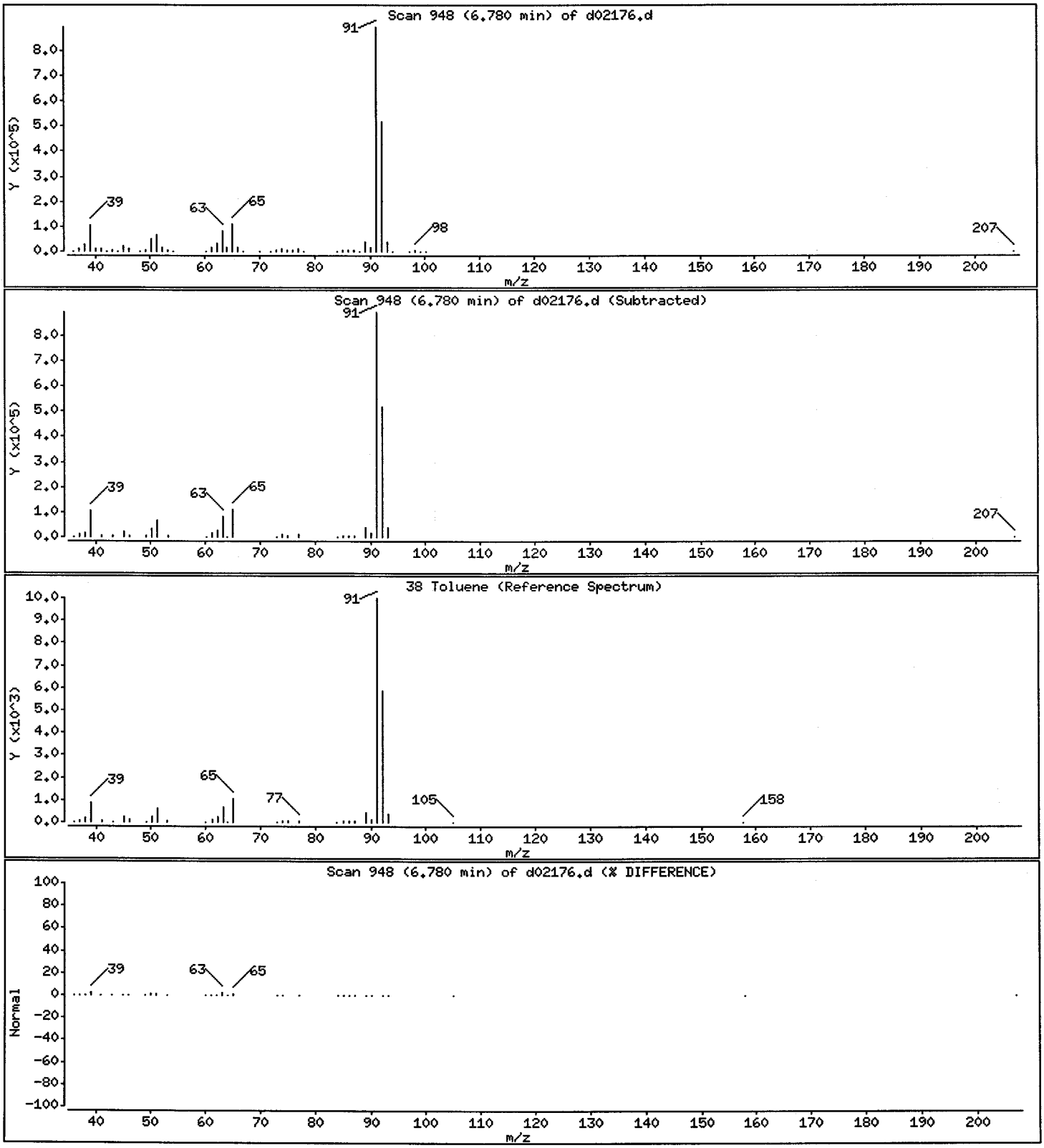
Client ID: 080508-07D1 Instrument: VOAMS4.i

Sample Info: 940360D1:2500

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 190000 ug/L



Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02378.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	25
Bromomethane	ND	25
Vinyl Chloride	ND	25
Chloroethane	ND	25
Methylene Chloride	ND	15
Acetone	39	25
Carbon Disulfide	ND	25
Trichlorofluoromethane	ND	25
1,1-Dichloroethene	ND	10
1,1-Dichloroethane	ND	25
trans-1,2-Dichloroethene	ND	25
cis-1,2-Dichloroethene	0.9J	25
Chloroform	ND	25
1,2-Dichloroethane	ND	10
2-Butanone	9.6J	25
1,1,1-Trichloroethane	ND	25
Carbon Tetrachloride	ND	10
Bromodichloromethane	ND	5.0
1,2-Dichloropropane	ND	5.0
cis-1,3-Dichloropropene	ND	25
Trichloroethene	ND	5.0
Dibromochloromethane	ND	25
1,1,2-Trichloroethane	ND	15
Benzene	330	5.0
trans-1,3-Dichloropropene	ND	25
Bromoform	ND	20
4-Methyl-2-Pentanone	ND	25
2-Hexanone	ND	25
Tetrachloroethene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
Toluene	690	25
Chlorobenzene	ND	25
Ethylbenzene	*	20
Styrene	ND	25

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02378.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	*	25
Freon TF	ND	25
MTBE	530	25
Cyclohexane	4.7J	25
1,2-Dibromoethane	ND	25
1,3-Dichlorobenzene	ND	25
1,4-Dichlorobenzene	ND	25
1,2-Dichlorobenzene	ND	25
Dichlorodifluoromethane	ND	25
1,2,4-Trichlorobenzene	ND	25
1,2-Dibromo-3-chloropropane	ND	25
Isopropylbenzene	4.9J	25
Methyl Acetate	ND	25
Methyl Cyclohexane	1.8J	25

* see dilution

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02378.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d
Report Date: 19-Aug-2008 11:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d
Lab Smp Id: 940361 Client Smp ID: 080508-08
Inj Date : 15-AUG-2008 07:44
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940361;5
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 10
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)	
	7 Acetone	58	2.745	2.733	(0.556)	5582	7.83552	39	
	53 MTBE	73	2.903	2.903	(0.589)	2159458	106.548	530	
	18 2-Butanone	72	4.292	4.292	(0.870)	2359	1.92887	9.6(a)	
	13 cis-1,2-Dichloroethene	96	3.750	3.745	(0.760)	1402	0.18393	0.92(a)	
	59 Cyclohexane	56	3.915	3.909	(0.794)	10420	0.93372	4.7(a)	
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	376247	50.6735	51	
	28 Benzene	78	4.521	4.515	(0.917)	1846159	66.0794	330	
*	19 Fluorobenzene	96	4.933	4.933	(1.000)	1291225	50.0000		
	132 Methyl Cyclohexane	83	5.080	5.080	(1.030)	4074	0.36709	1.8(a)	
$	37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	1008918	51.1605	51	
	38 Toluene	91	6.768	6.768	(0.817)	3799040	138.787	690	
*	32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	909051	50.0000		
	40 Ethylbenzene	106	8.350	8.344	(1.008)	6658860	728.208	3600(AM)	X
	43 m+p-Xylene	106	8.485	8.485	(1.024)	14608984	1263.05	6300(A)	X
	44 o-Xylene	106	8.850	8.850	(1.068)	688873	63.6553	320(M)	
	110 Isopropylbenzene	105	9.121	9.121	(1.101)	27903	0.97969	4.9(a)	
$	41 Bromofluorobenzene (SUR)	174	9.332	9.338	(0.915)	364168	52.6531	53	

X See dilution

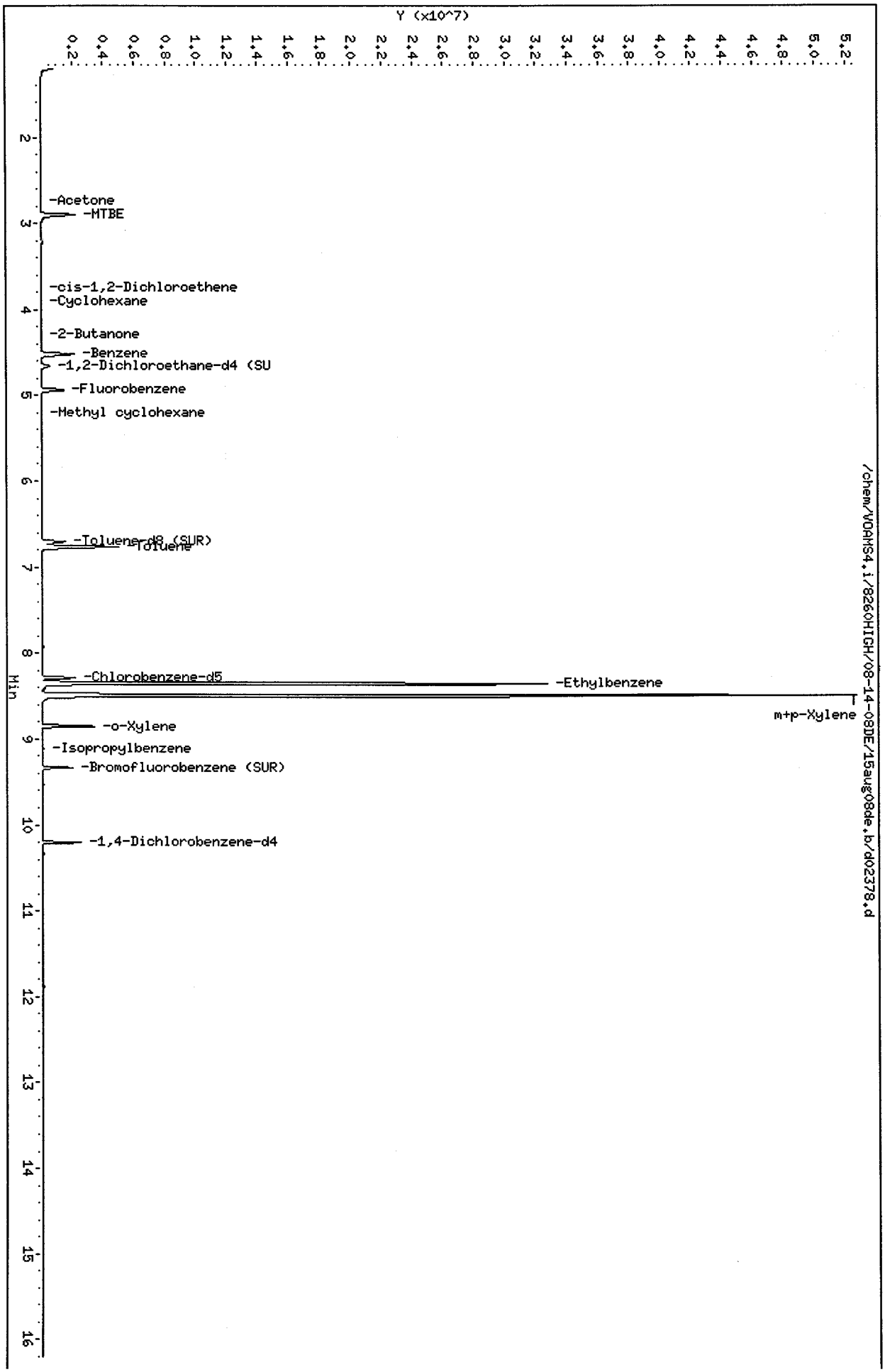
Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d
Report Date: 19-Aug-2008 11:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	426698	50.0000	
M 45 Xylene (Total)	100				15297857	1351.61	6800(A)

4 See dilution

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.


Y (x10^7)
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2
4.4
4.6
4.8
5.0
5.2
Min
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
-Acetone
-MTBE
-cis-1,2-Dichloroethene
-Cyclohexane
-2-Butanone
-Benzene
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Methyl cyclohexane
-Toluene-d8 (SUR)
-Toluene
-Chlorobenzene-d5
-Ethylbenzene
m+p-Xylene
-o-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d
Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d
Date : 15-AUG-2008 07:44
Client ID: 080508-08
Sample Info: 940361;5
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

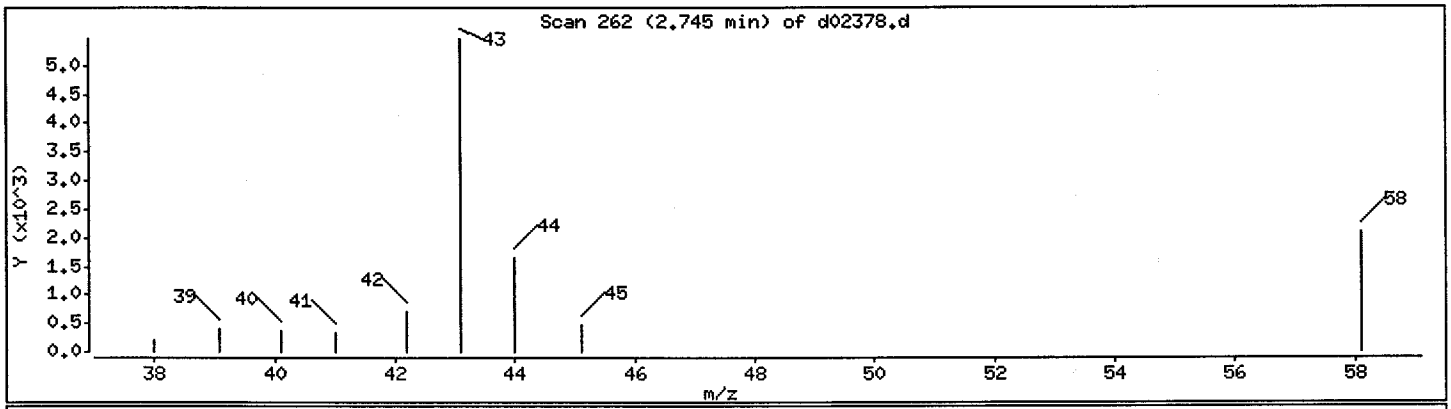
Client ID: 080508-08 Instrument: VOAMS4.i

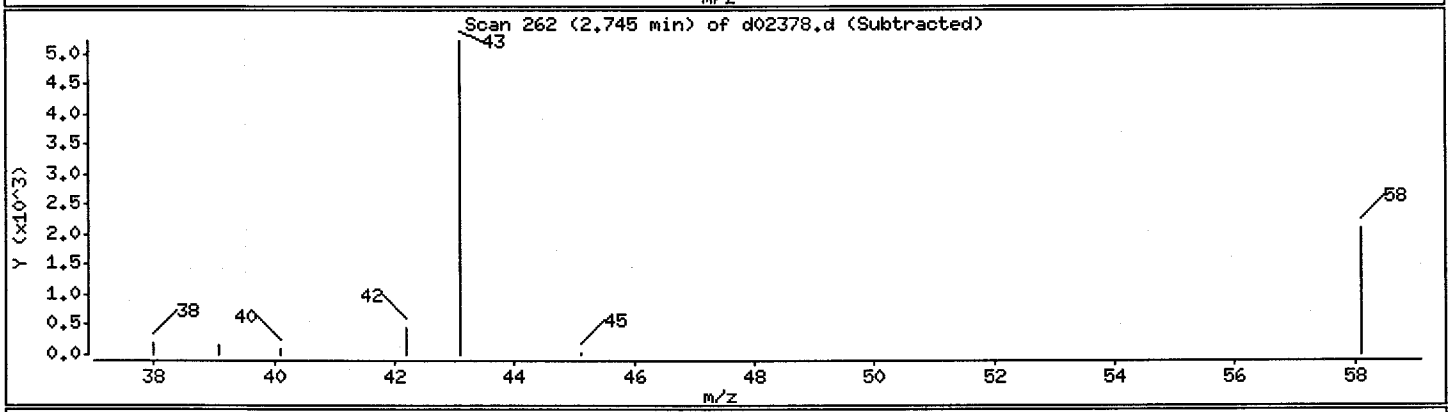
Sample Info: 940361;5

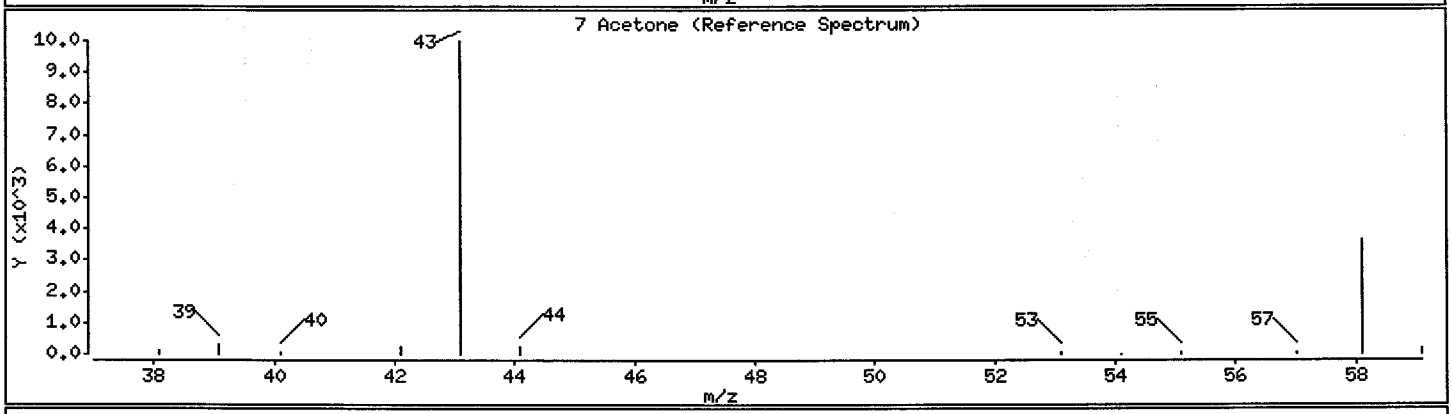
Purge Volume: 5.0 Operator: VOAMS 13

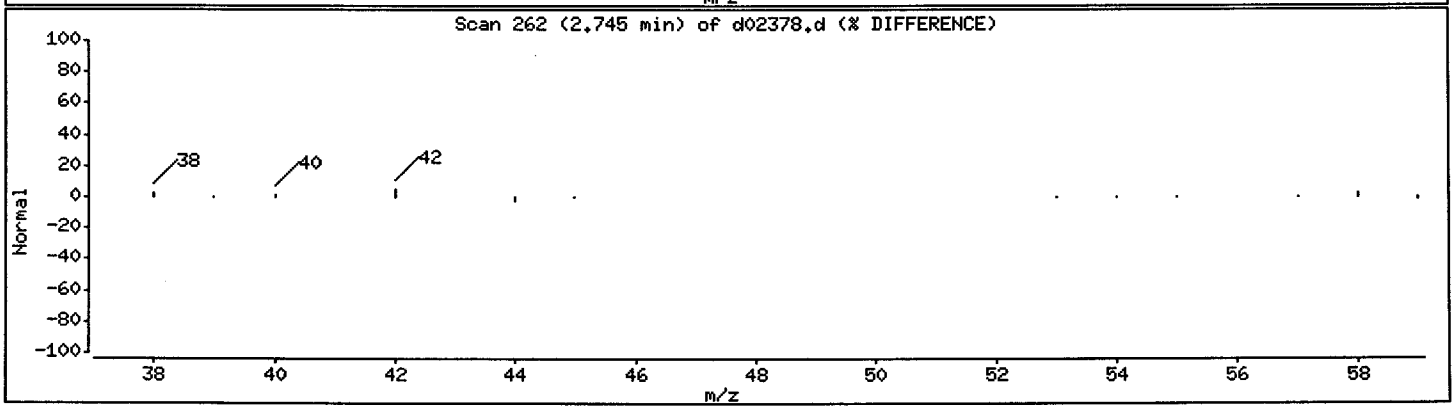
Column phase: Rtx-VMS Column diameter: 0.18

7 Acetone Concentration: 39 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

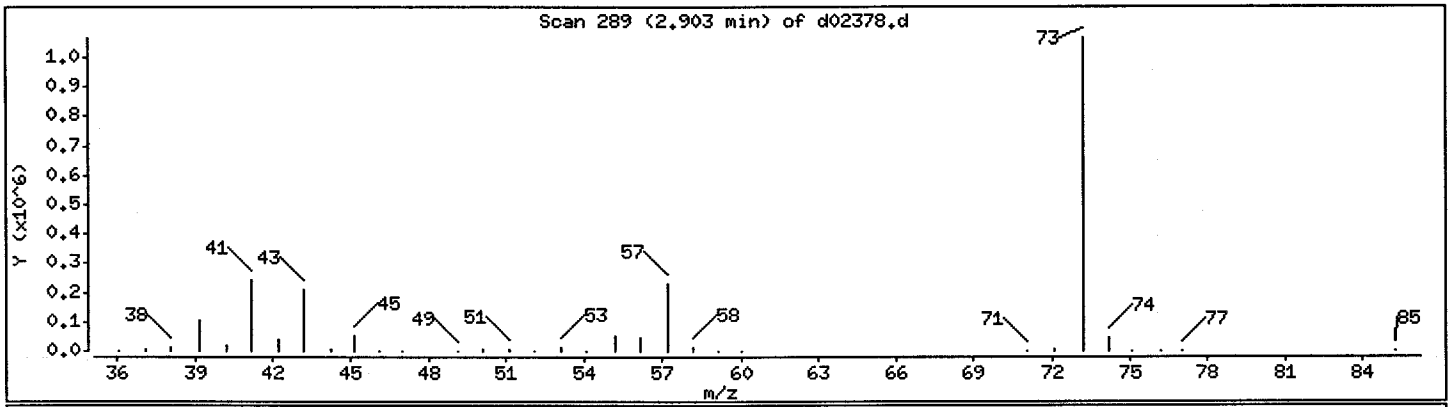
Client ID: 080508-08 Instrument: VOAMS4.i

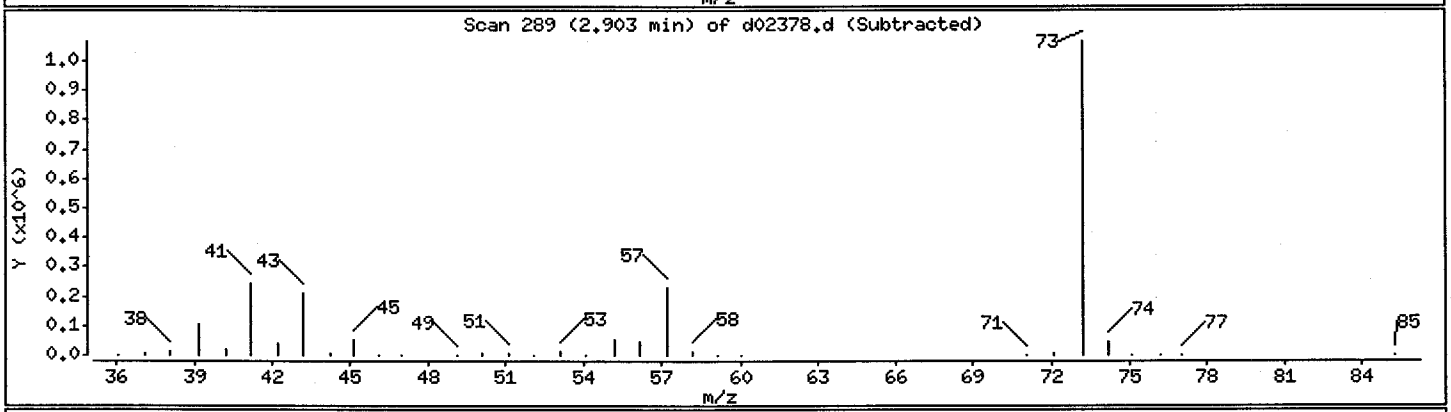
Sample Info: 940361;5

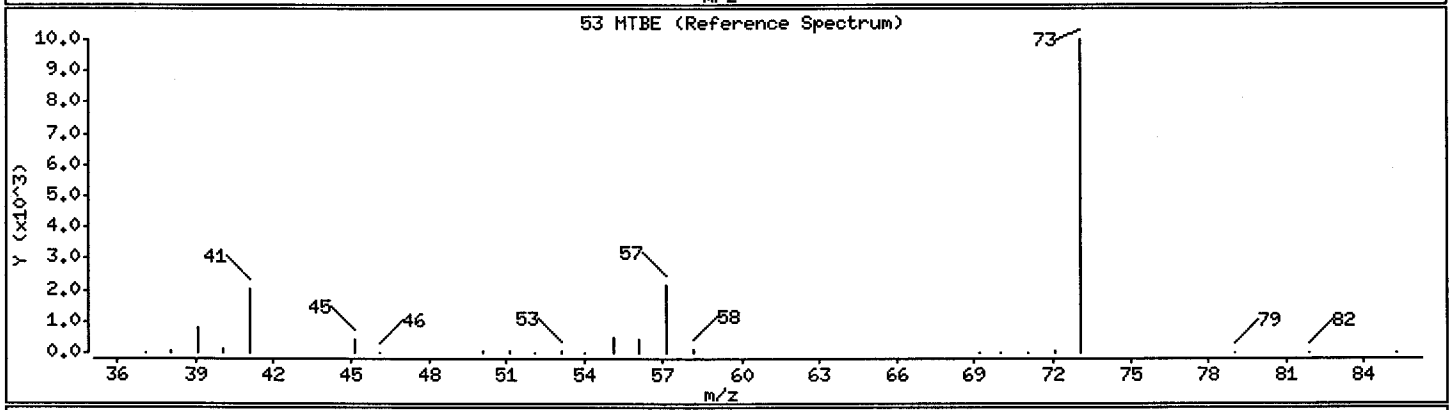
Purge Volume: 5.0 Operator: VOAMS 13

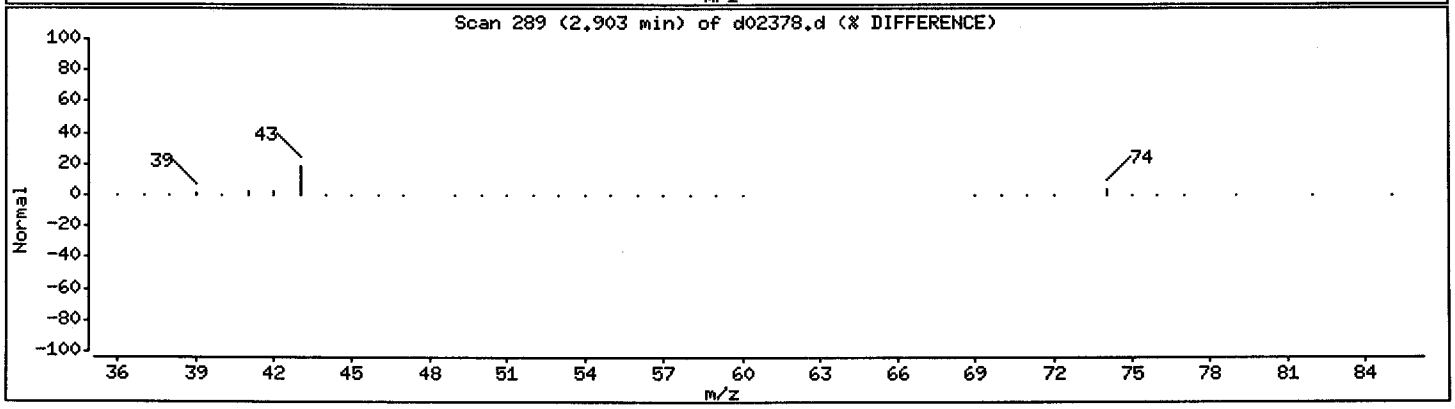
Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 530 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

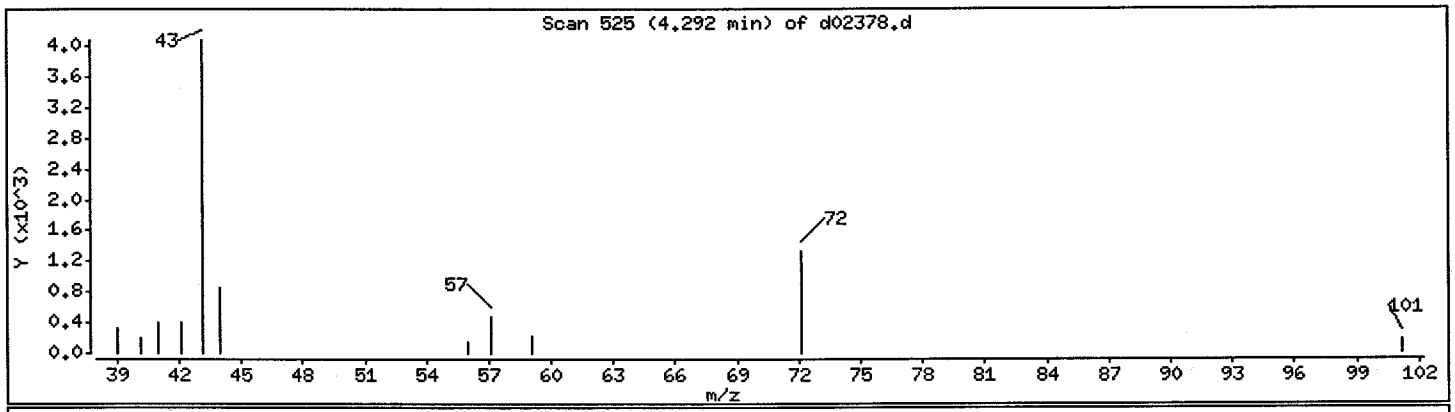
Client ID: 080508-08 Instrument: VOAMS4.i

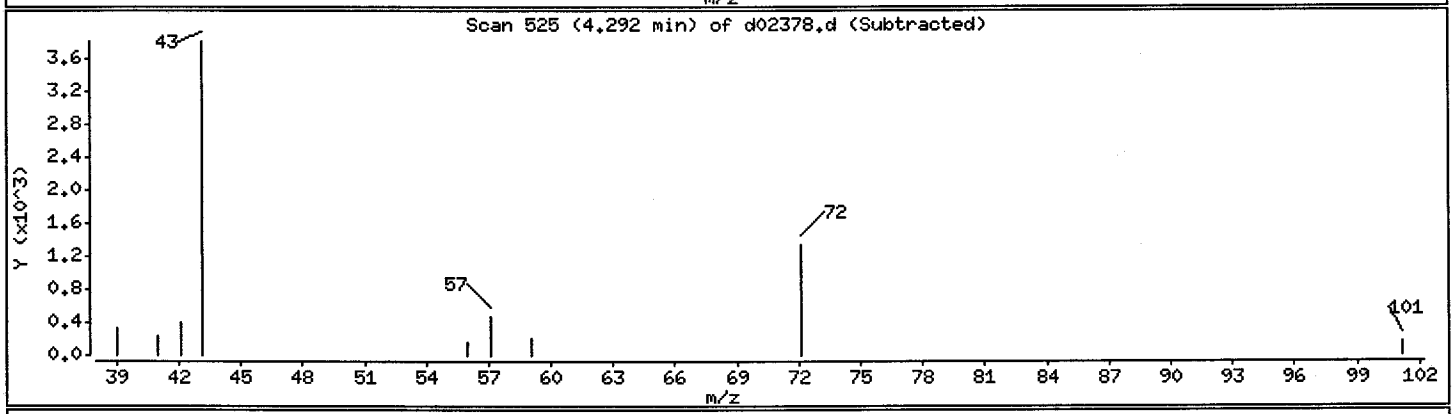
Sample Info: 940361;5

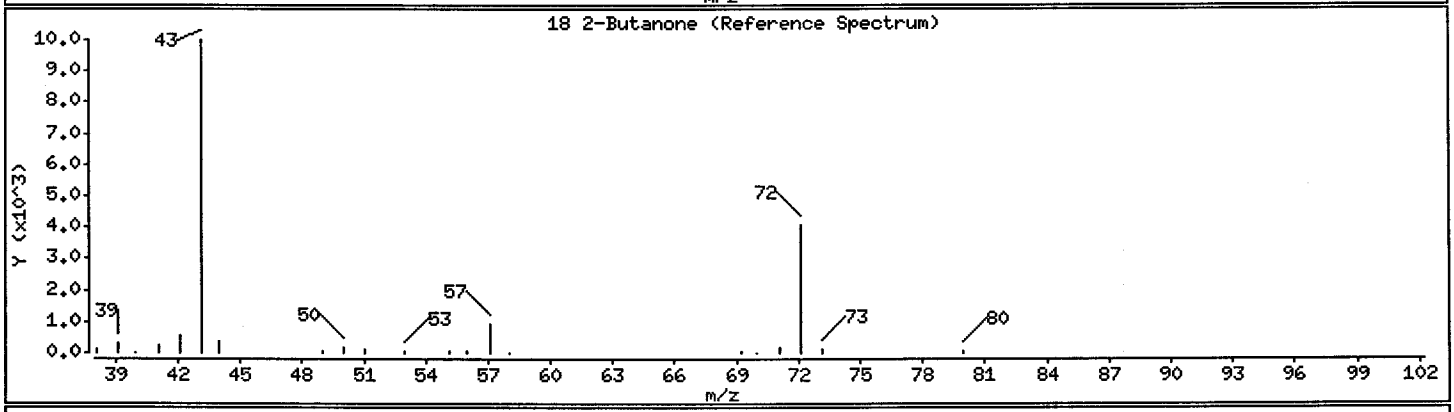
Purge Volume: 5.0 Operator: VOAMS 13

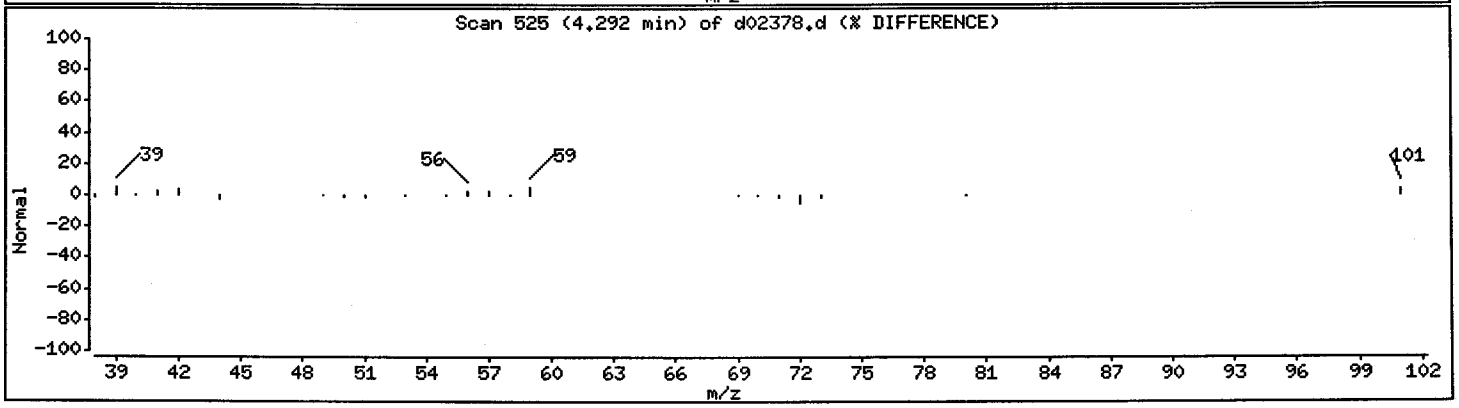
Column phase: Rtx-VMS Column diameter: 0.18

18 2-Butanone Concentration: 9.6 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

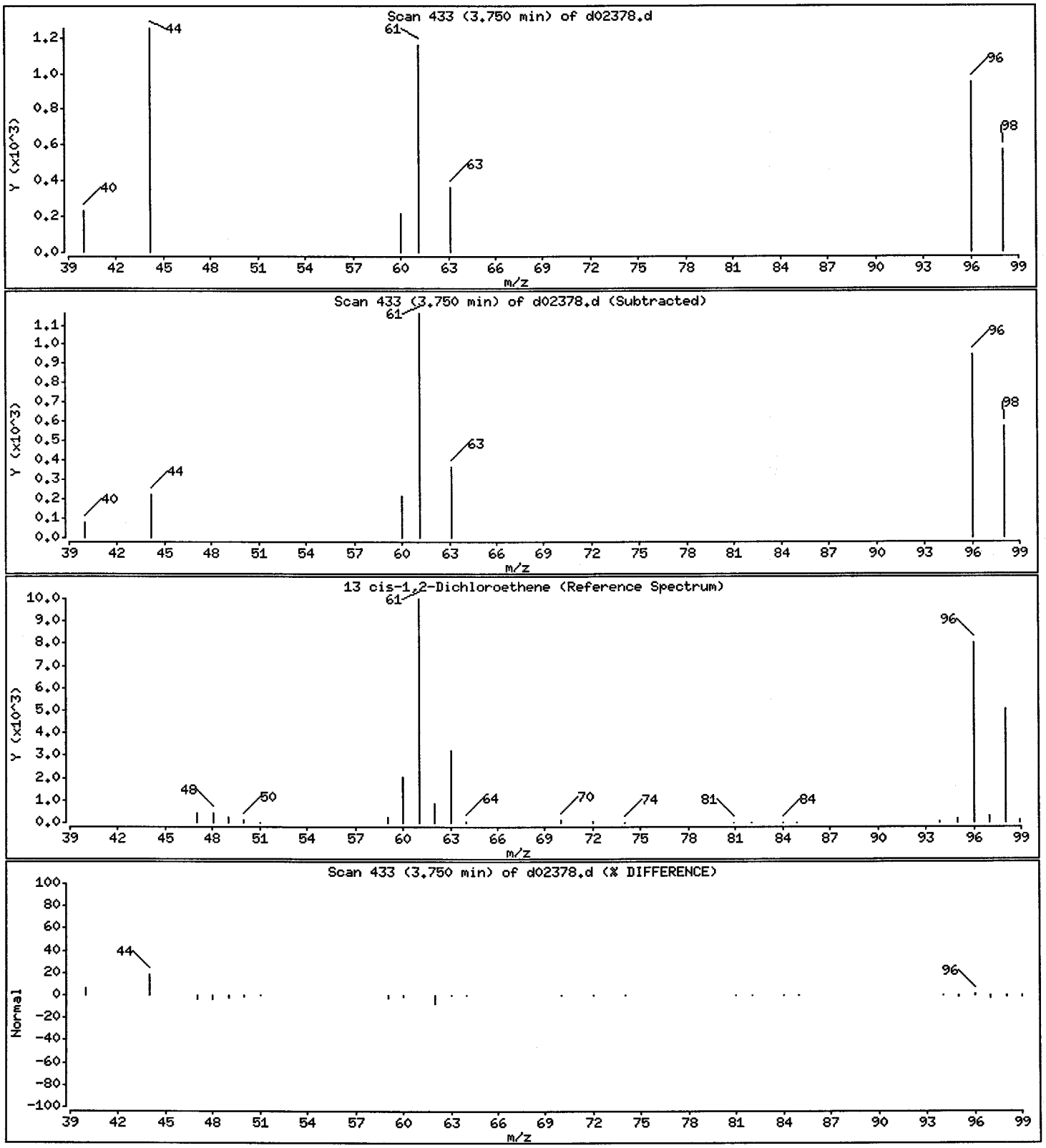
Client ID: 080508-08 Instrument: VOAMS4.i

Sample Info: 940361;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

13 cis-1,2-Dichloroethene Concentration: 0.92 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

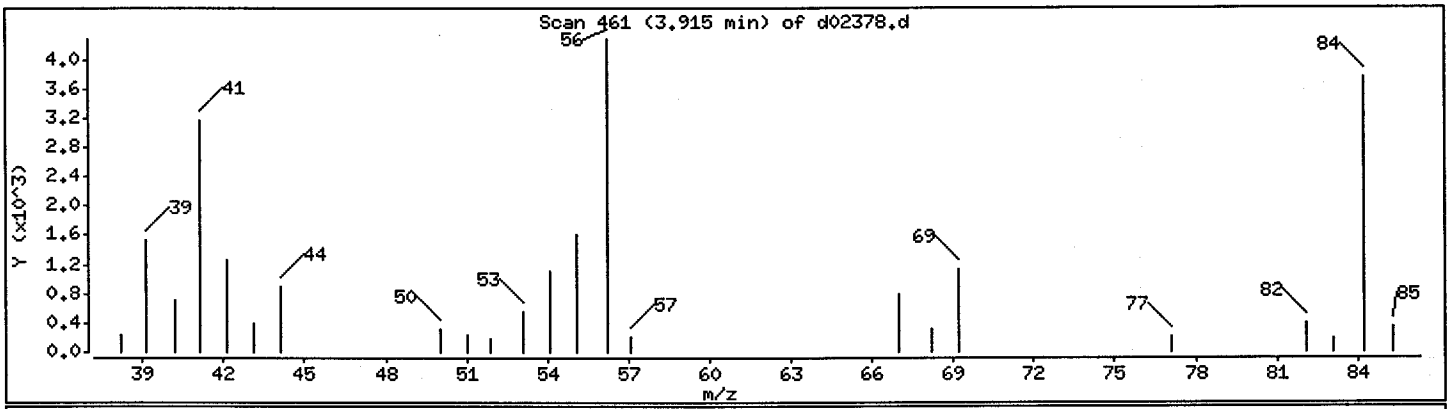
Client ID: 080508-08 Instrument: VOAMS4.i

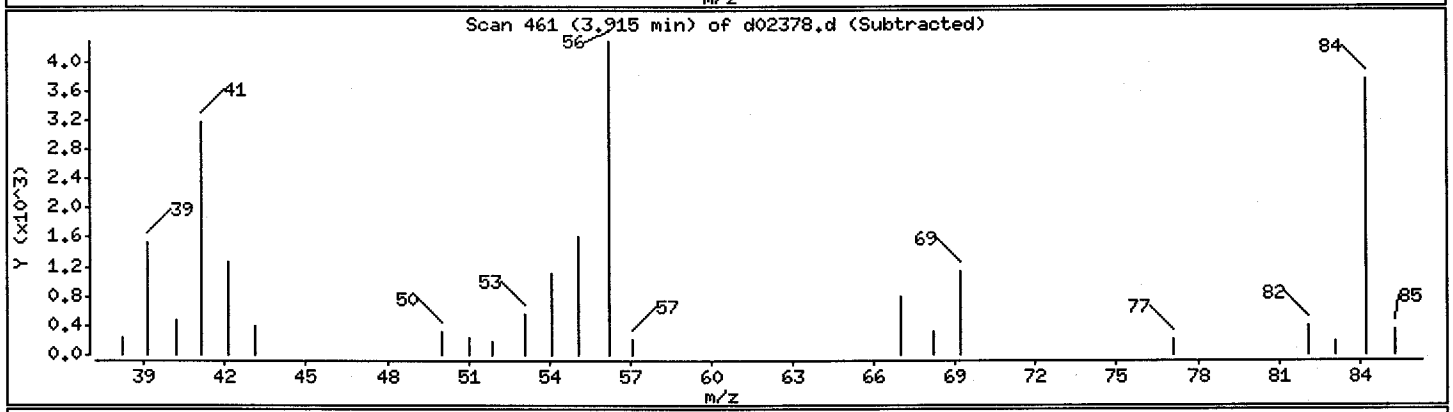
Sample Info: 940361;5

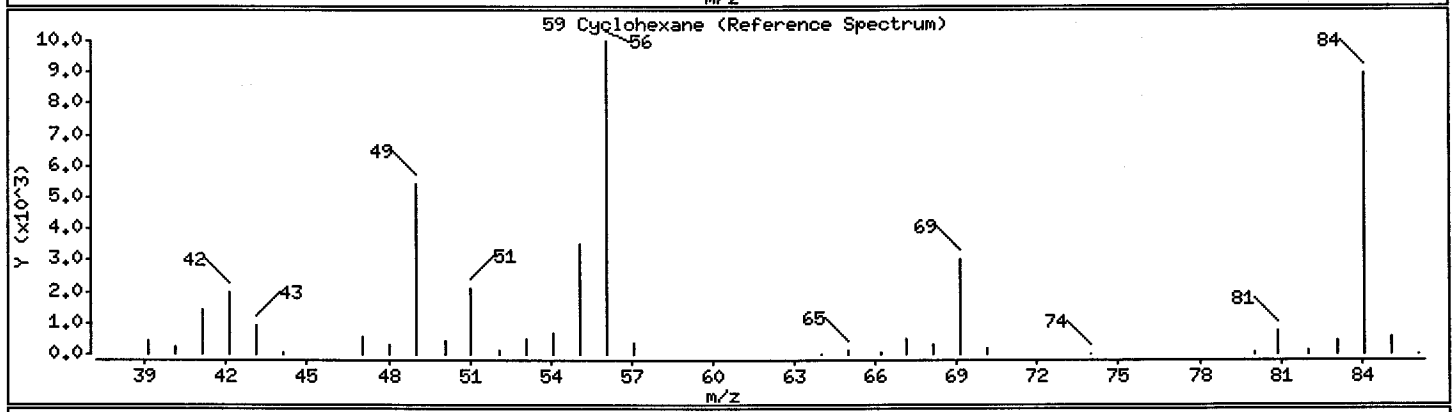
Purge Volume: 5.0 Operator: VOAMS 13

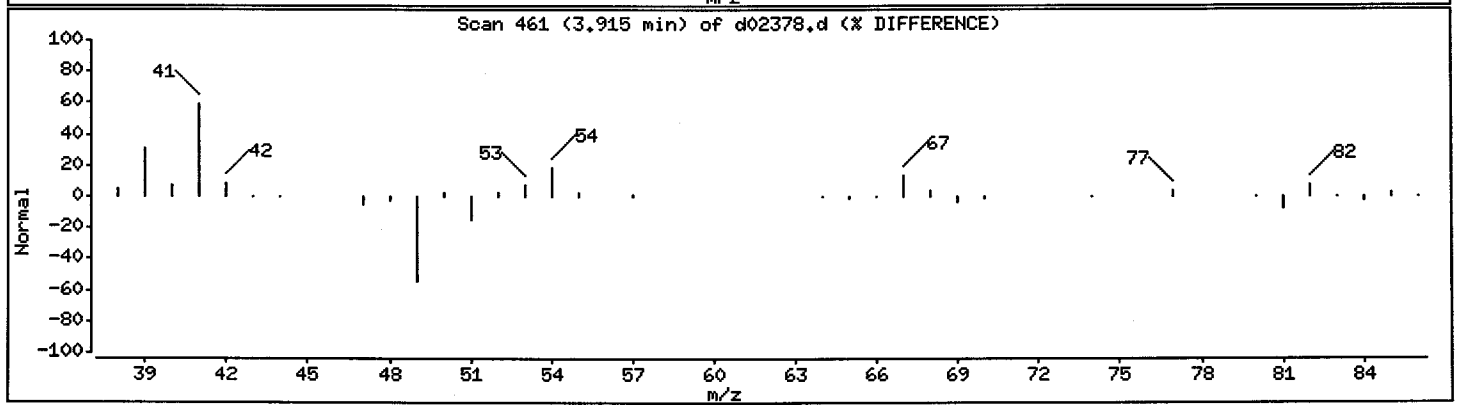
Column phase: Rtx-VMS Column diameter: 0.18

59 Cyclohexane Concentration: 4.7 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

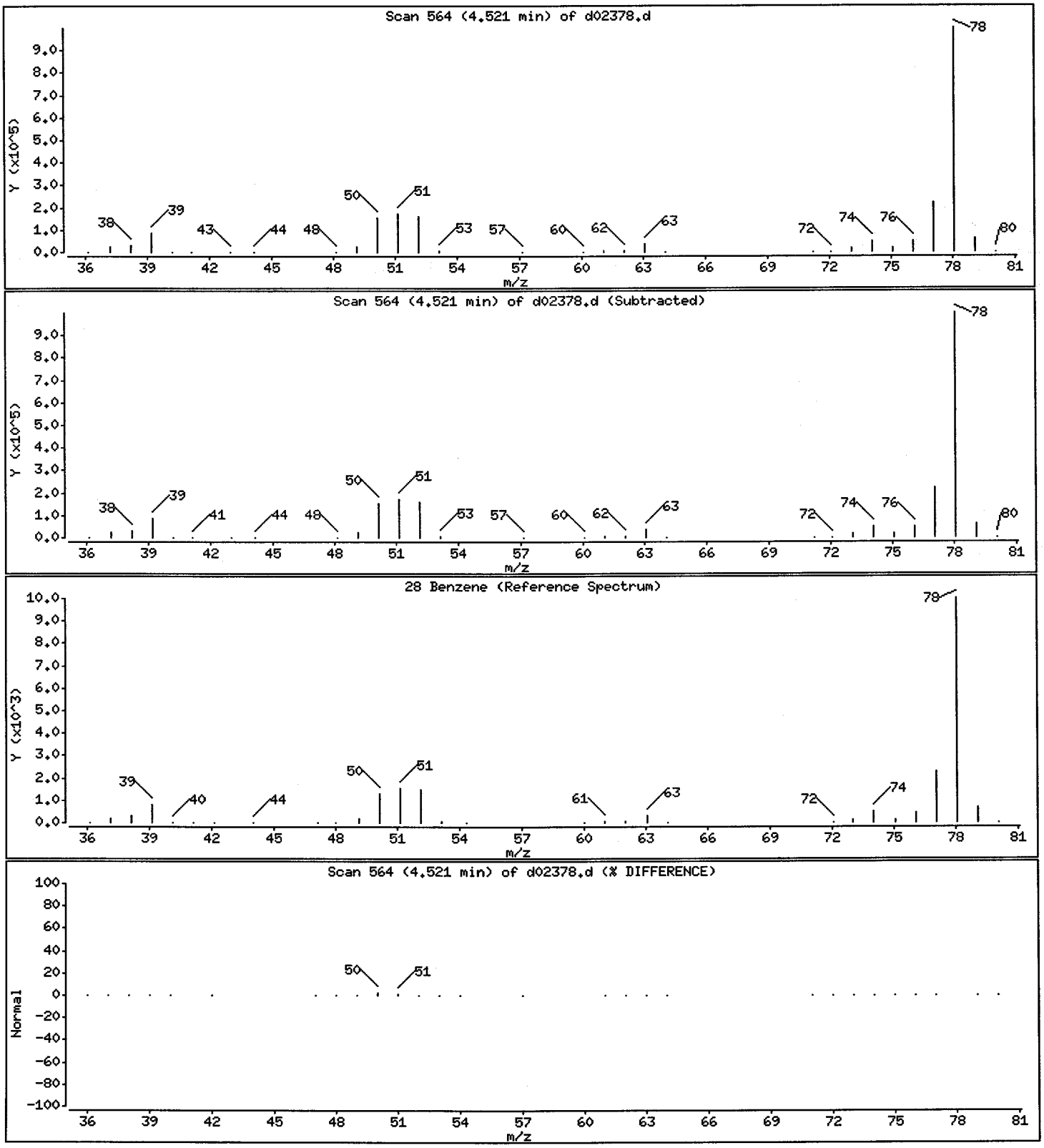
Client ID: 080508-08 Instrument: VOAMS4.i

Sample Info: 940361;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 330 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

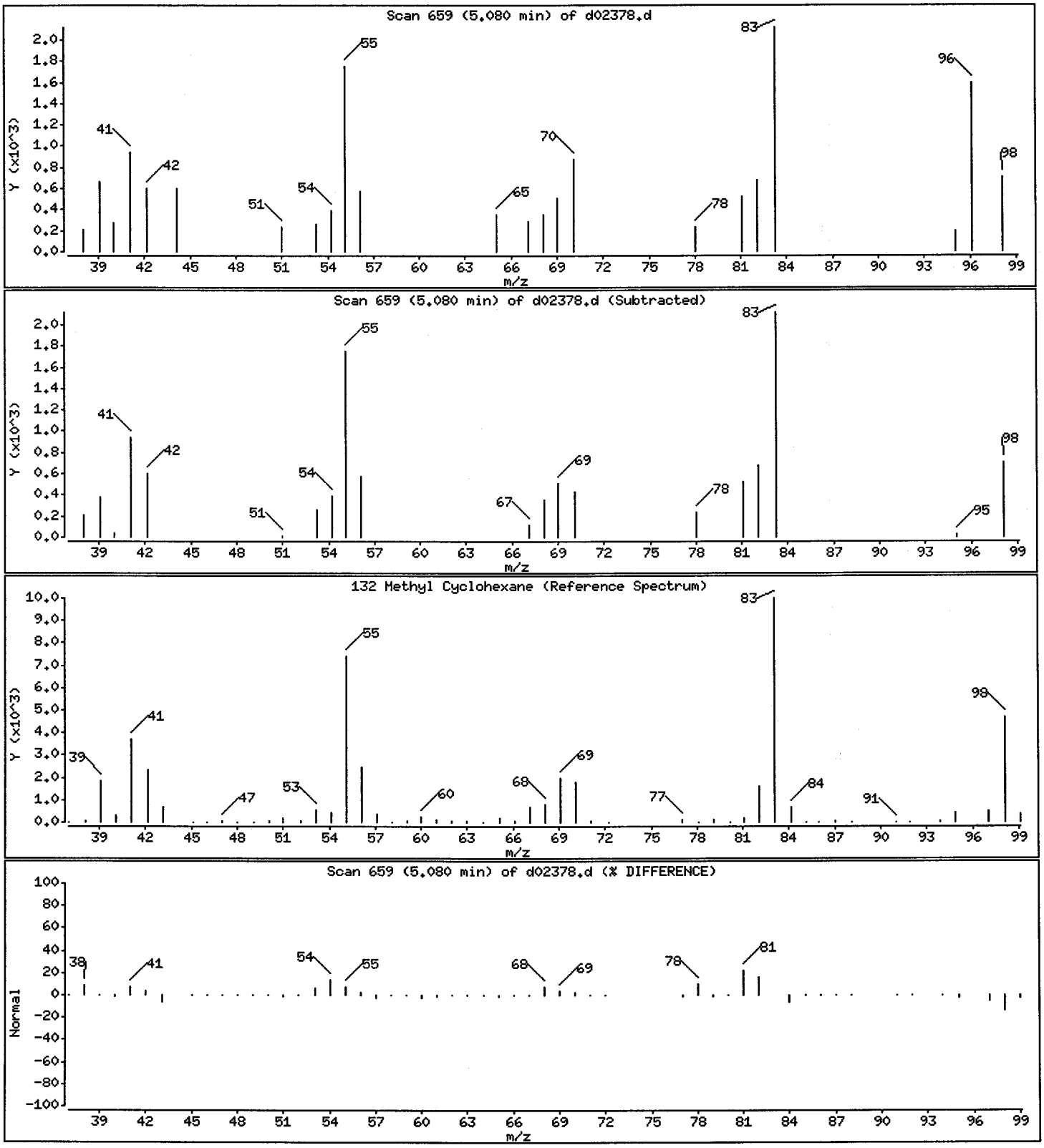
Client ID: 080508-08 Instrument: VOAMS4.i

Sample Info: 940361;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

132 Methyl Cyclohexane Concentration: 1.8 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

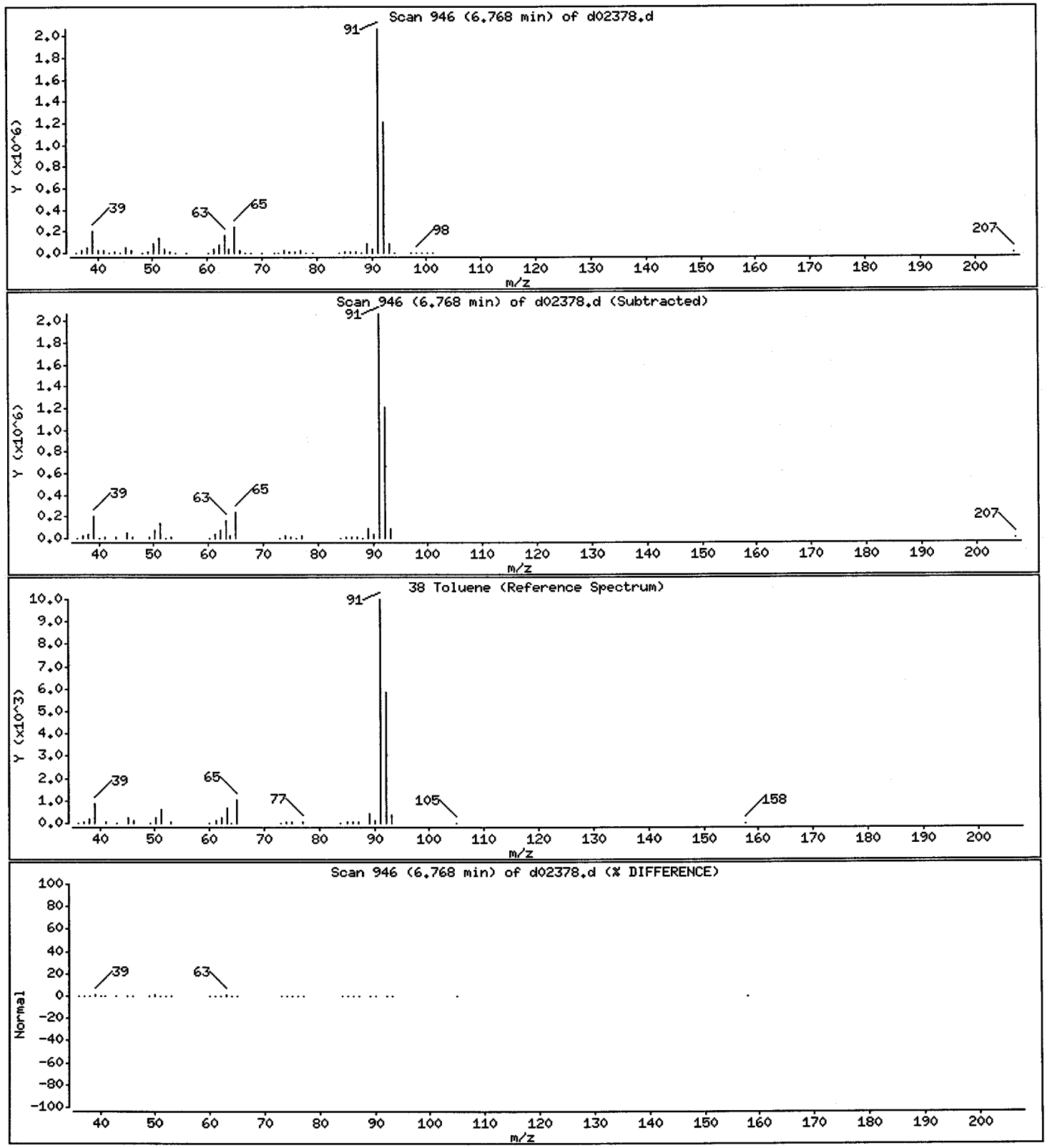
Client ID: 080508-08 Instrument: VOAMS4.i

Sample Info: 940361;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 690 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

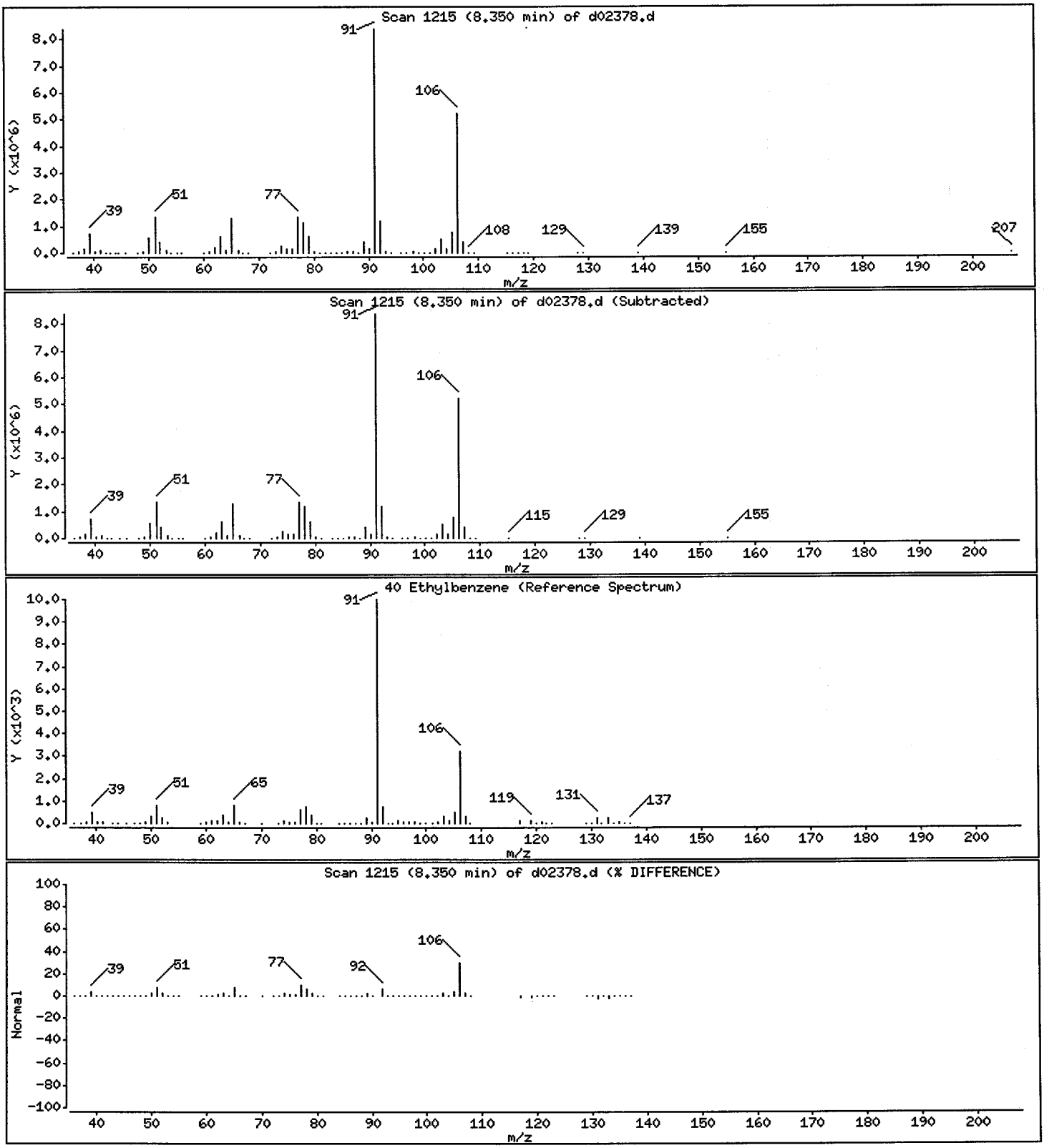
Client ID: 080508-08 Instrument: VOAMS4.i

Sample Info: 940361;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 3600 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

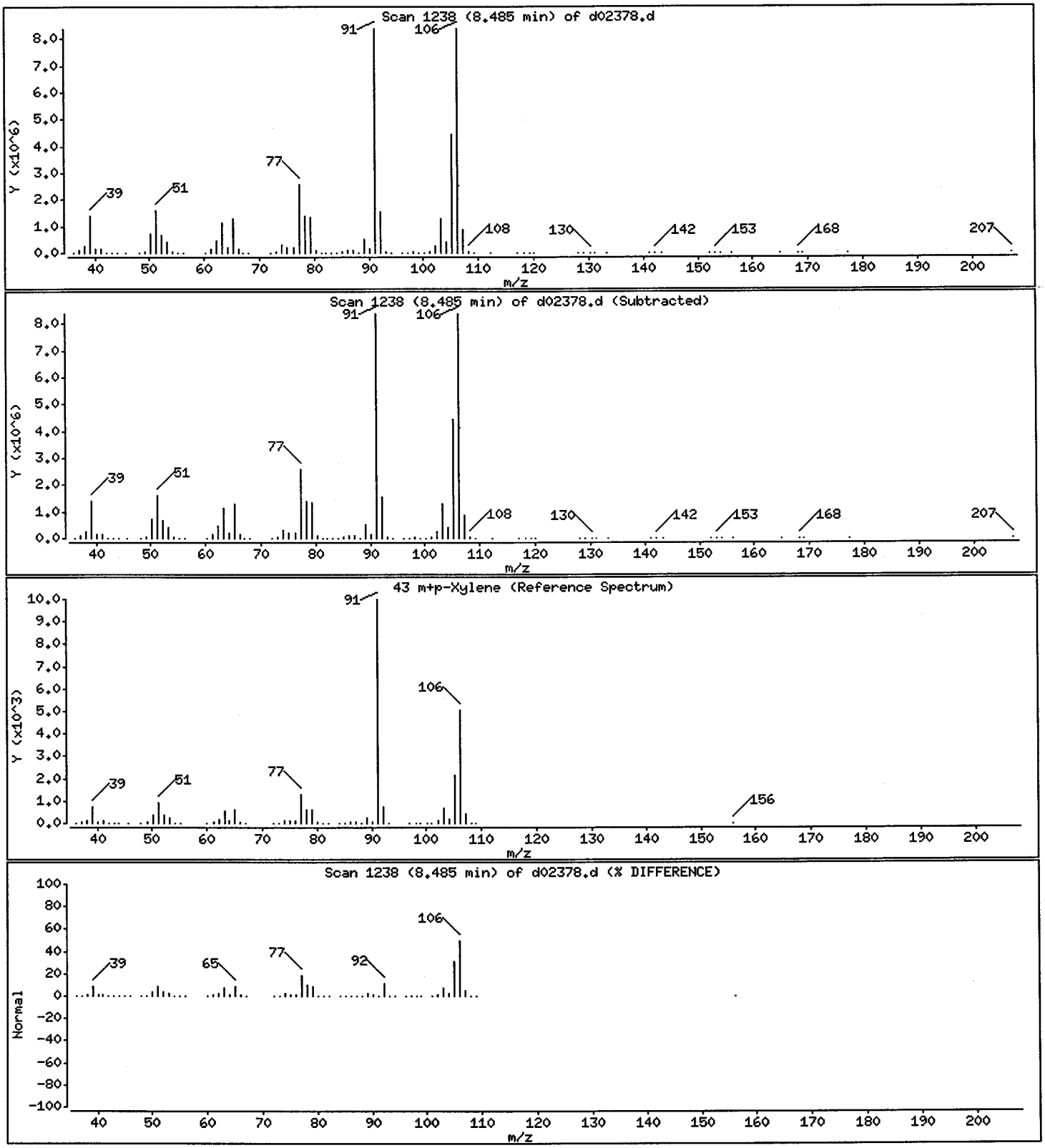
Client ID: 080508-08 Instrument: VOAMS4.i

Sample Info: 940361;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 6300 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

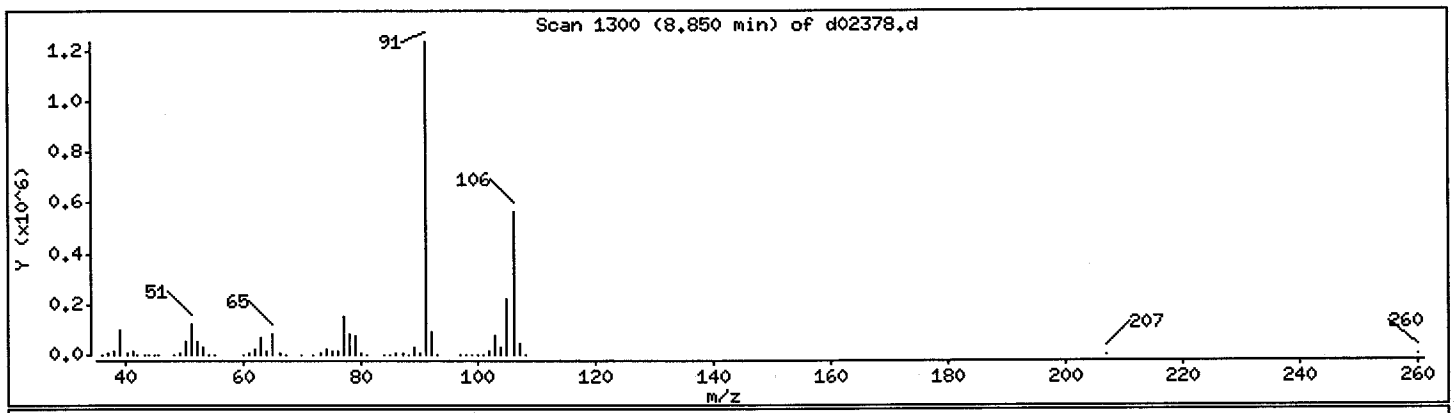
Client ID: 080508-08 Instrument: VOAMS4.i

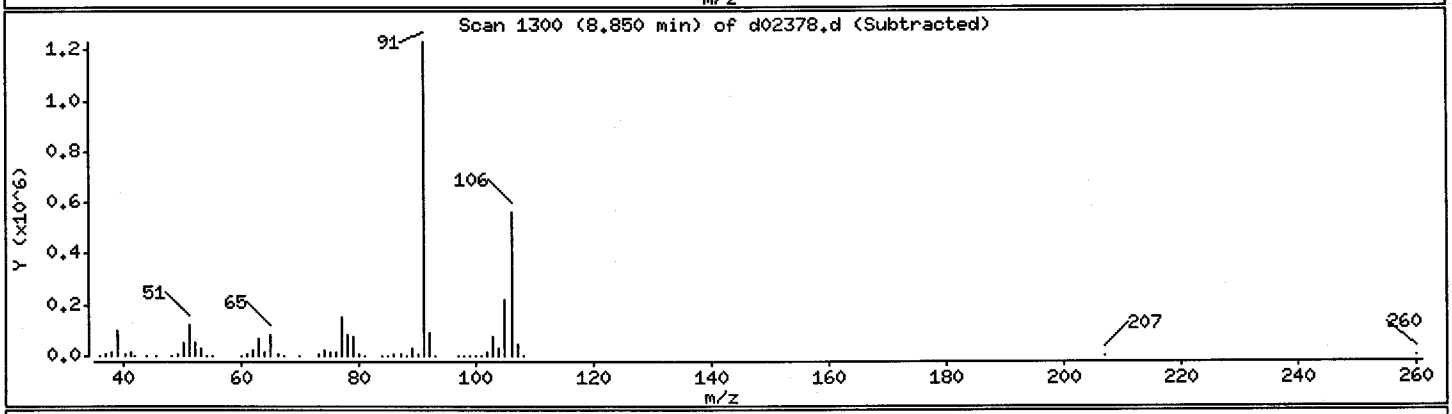
Sample Info: 940361;5

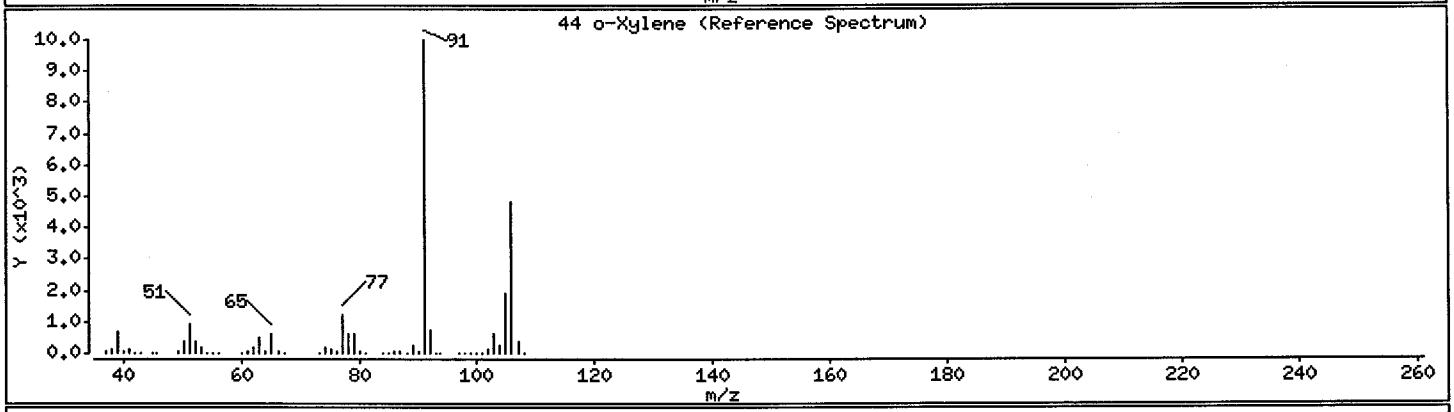
Purge Volume: 5.0 Operator: VOAMS 13

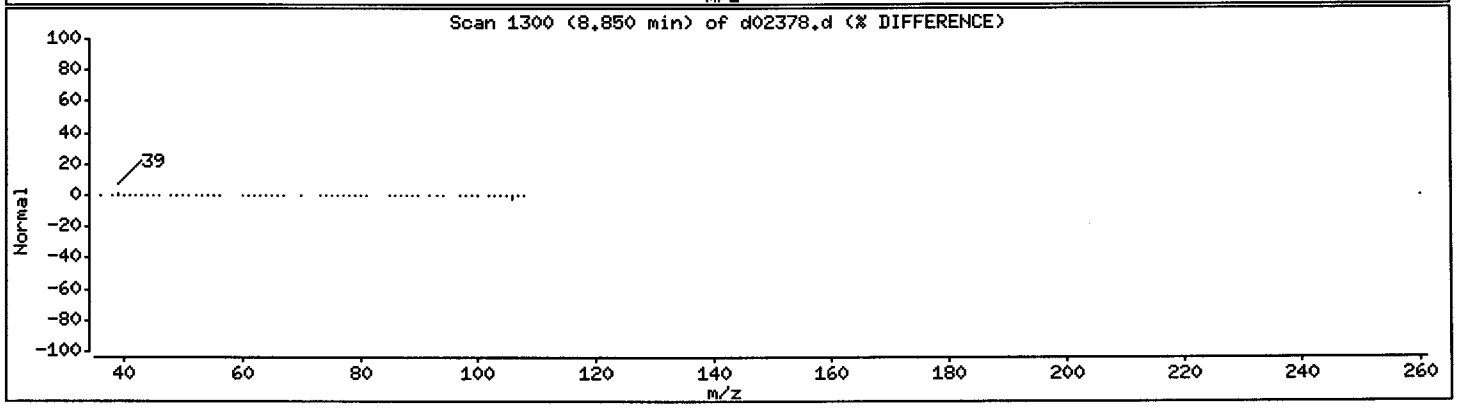
Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 320 ug/L









Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02378.d

Date : 15-AUG-2008 07:44

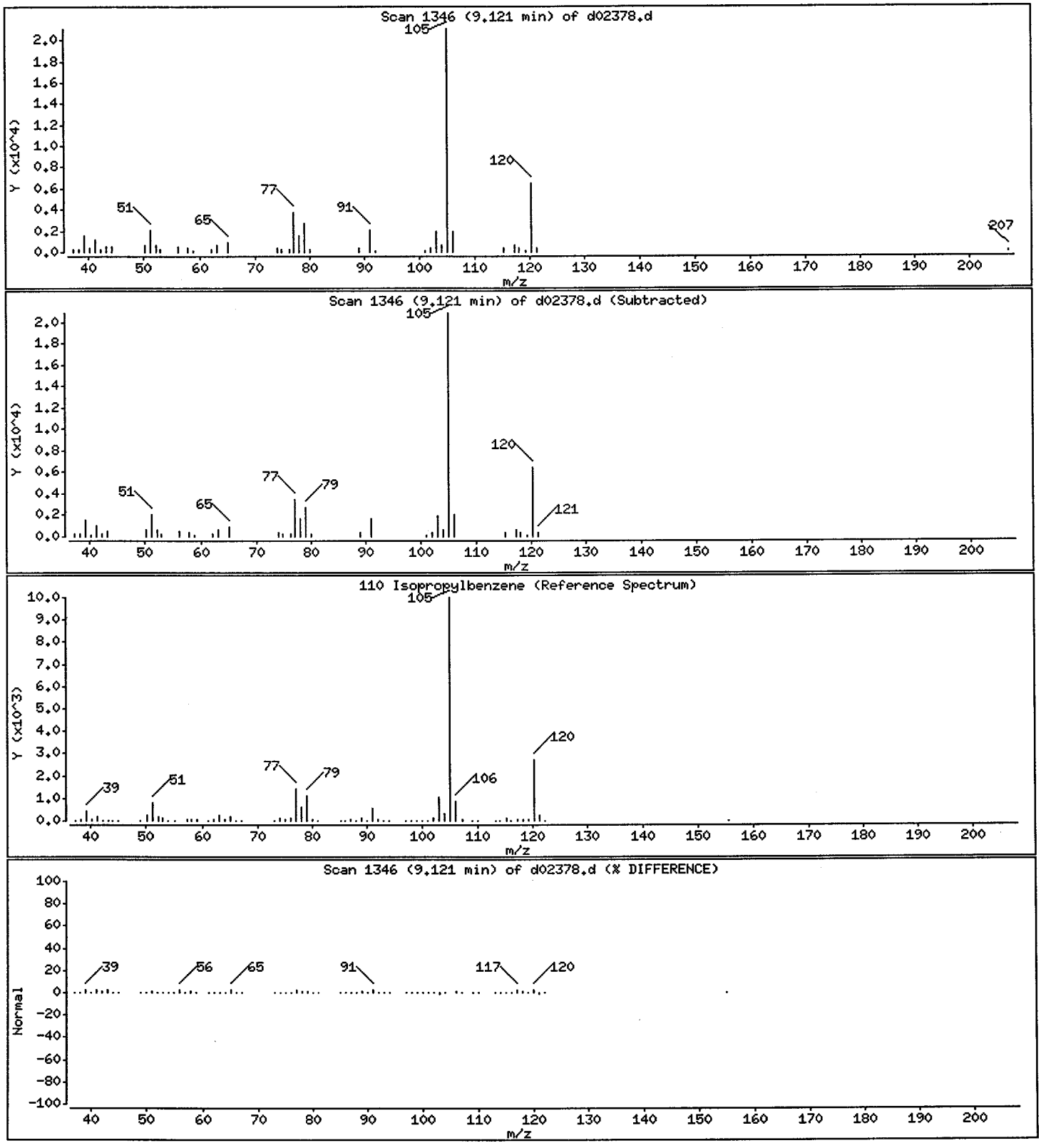
Client ID: 080508-08 Instrument: VOAMS4.i

Sample Info: 940361;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 4.9 ug/L



Client ID: **080508-08D1**
Site: GM Wilmington-17338

Lab Sample No: **940361D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02223.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 25.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Ethylbenzene	3100	100
Xylene (Total)	7000	120

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02223.d
Report Date: 19-Aug-2008 11:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

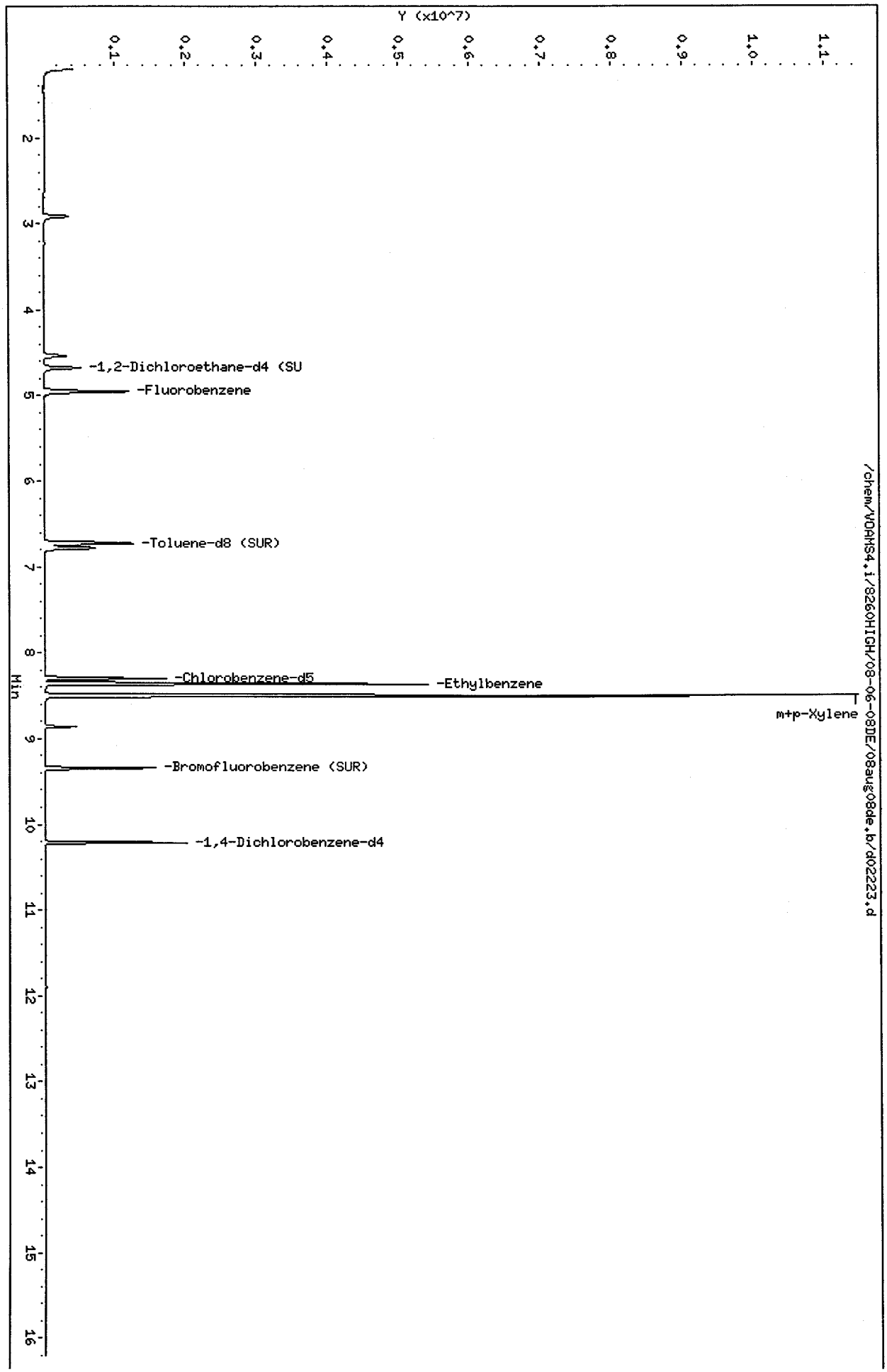
Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02223.d
Lab Smp Id: 940361D1 Client Smp ID: 080508-08D1
Inj Date : 08-AUG-2008 09:49
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940361D1;25
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 10:54 pritch Quant Type: ISTD
Cal Date : 08-AUG-2008 05:26 Cal File: d02212.d
Als bottle: 12
Dil Factor: 25.00000
Integrator: HP RTE Compound Sublist: ETHXY.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	381517	49.9989	50
*	19 Fluorobenzene	96	4.950	4.950	(1.000)	961279	50.0000	
$	37 Toluene-d8 (SUR)	98	6.727	6.721	(0.811)	786406	51.4363	51
*	32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	675745	50.0000	
	40 Ethylbenzene	106	8.356	8.356	(1.007)	880847	125.506	3100
	43 m+p-Xylene	106	8.497	8.491	(1.024)	2474550	274.161	6800
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	245872	52.8047	53
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.215	(1.000)	309976	50.0000	
M	45 Xylene (Total)	100				2474550	282.006	7000


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02223.d
Date : 08-AUG-2008 09:49
Client ID: 080508-08D1
Sample Info: 940361D1;25
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^7)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
Min
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Toluene-d8 (SUR)
-Chlorobenzene-d5
-Ethylbenzene
m+p-Xylene
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02223.d

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02223.d

Date : 08-AUG-2008 09:49

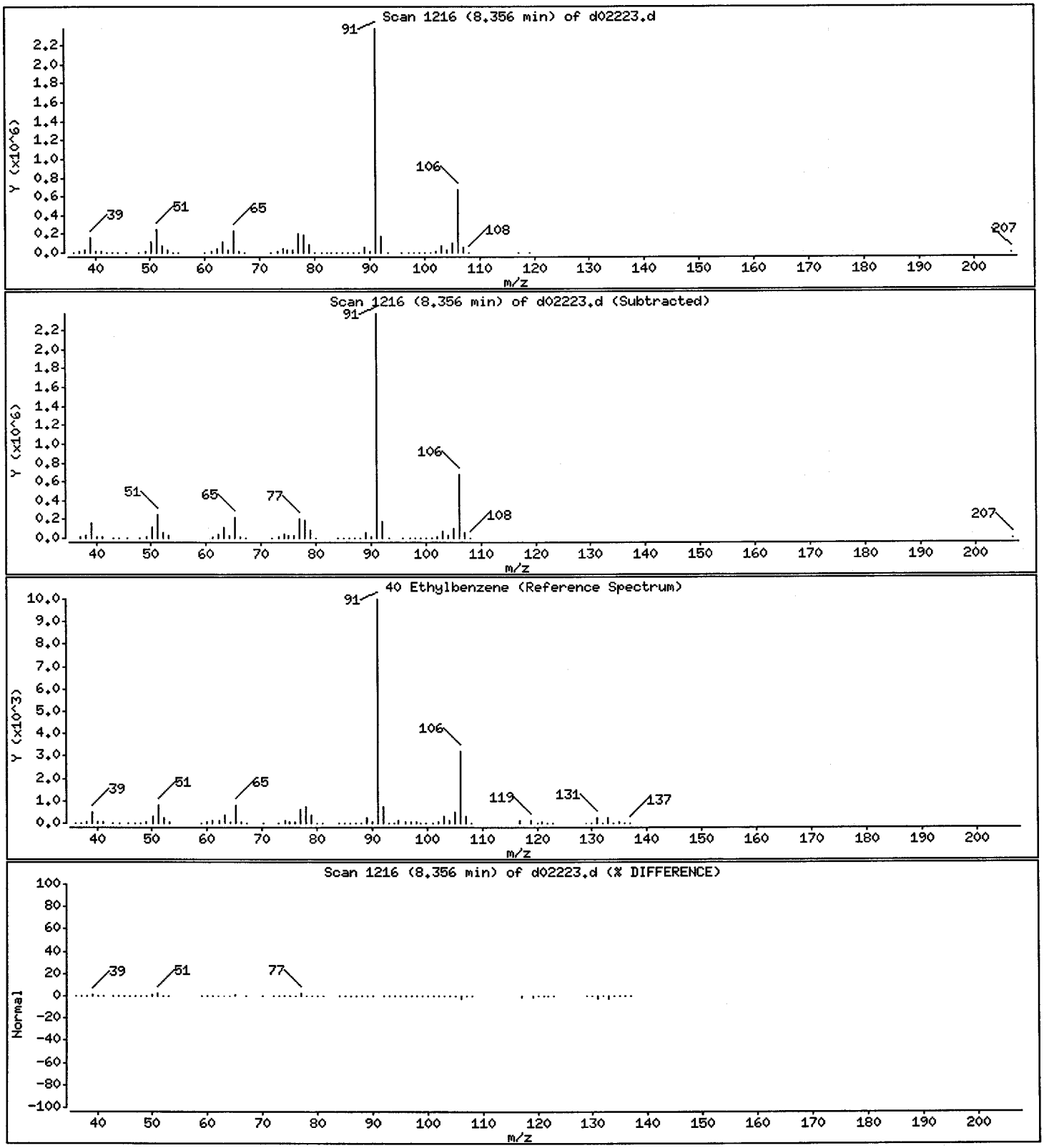
Client ID: 080508-08D1 Instrument: VOAMS4.i

Sample Info: 940361D1;25

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 3100 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02223.d

Date : 08-AUG-2008 09:49

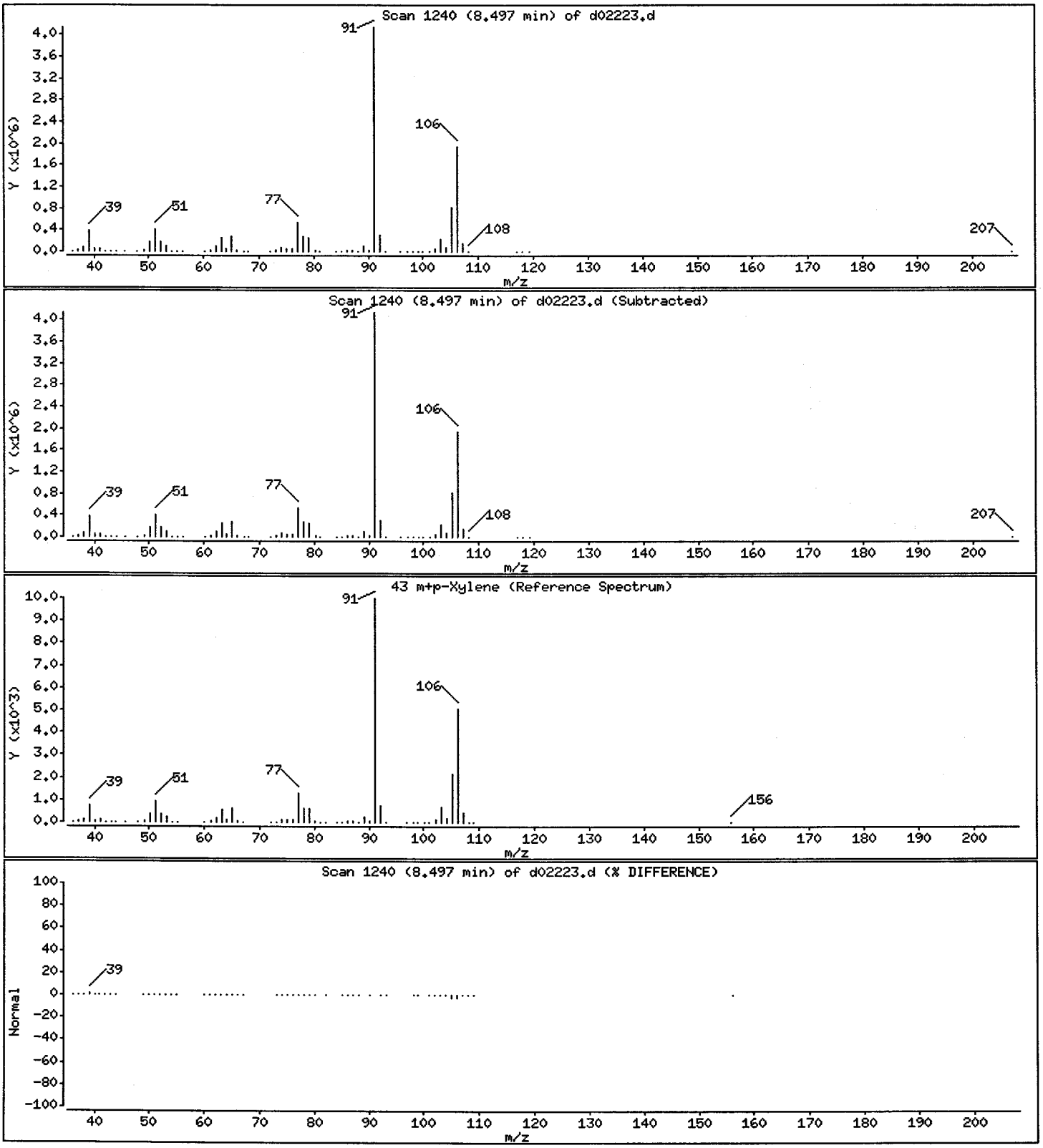
Client ID: 080508-08D1 Instrument: VOAMS4.i

Sample Info: 940361D1;25

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 6800 ug/L



Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02379.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	4.9	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	*	5.0
Chlorobenzene	0.4J	5.0
Ethylbenzene	140	4.0
Styrene	ND	5.0

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02379.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	270	5.0
Freon TF	ND	5.0
MTBE	2.2J	5.0
Cyclohexane	0.5J	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	4.6J	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	1.0J	5.0

* see dilution

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02379.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Diisopropyl ether	3.22	13	
2.	Indane	10.34	7.4	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	20

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d
Report Date: 19-Aug-2008 11:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d
Lab Smp Id: 940362 Client Smp ID: 080508-09
Inj Date : 15-AUG-2008 08:08
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940362
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

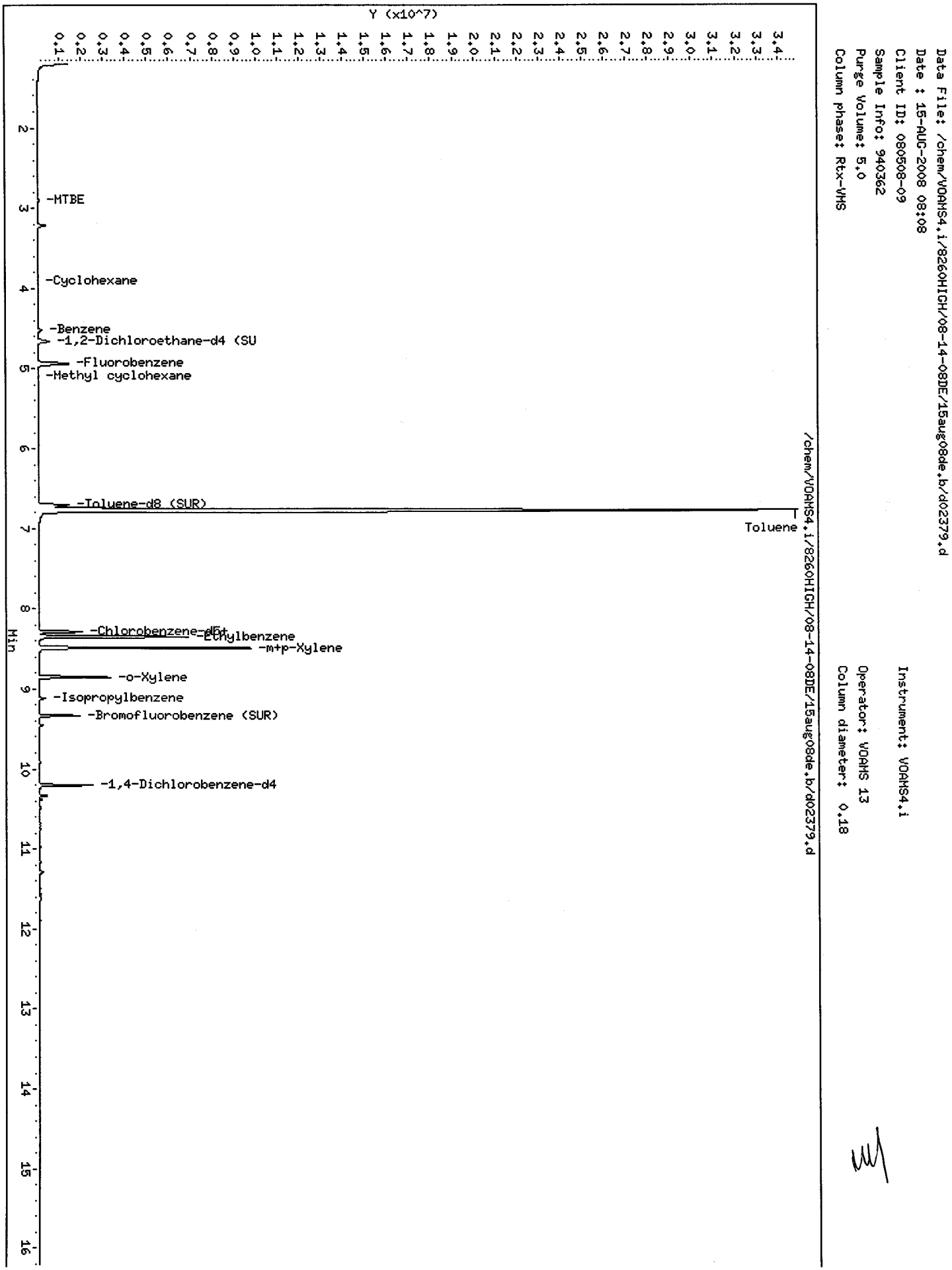
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
53 MTBE	73	2.903	2.903	(0.589)	43865	2.19983	2.2(a)
59 Cyclohexane	56	3.909	3.909	(0.792)	5229	0.47625	0.48(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	375636	51.4217	51
28 Benzene	78	4.521	4.515	(0.917)	133691	4.86374	4.9
* 19 Fluorobenzene	96	4.933	4.933	(1.000)	1270372	50.0000	
132 Methyl Cyclohexane	83	5.080	5.080	(1.030)	11226	1.02813	1.0(a)
$ 37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	980642	51.7826	52
38 Toluene	91	6.762	6.768	(0.816)	21917840	833.813	830(AM) ✱
* 32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	872958	50.0000	
39 Chlorobenzene	112	8.297	8.297	(1.001)	7031	0.40980	0.41(a)
40 Ethylbenzene	106	8.344	8.344	(1.007)	1210359	137.837	140
43 m+p-Xylene	106	8.485	8.485	(1.024)	2234207	201.150	200
44 o-Xylene	106	8.850	8.850	(1.068)	668072	64.2856	64
110 Isopropylbenzene	105	9.121	9.121	(1.101)	127177	4.64986	4.6(a)
$ 41 Bromofluorobenzene (SUR)	174	9.332	9.338	(0.915)	353975	52.7426	53
* 91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	414051	50.0000	
M 45 Xylene (Total)	100				2902279	267.027	270

✱ See dilution

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d
Report Date: 19-Aug-2008 11:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d
Date : 15-AUG-2008 08:08
Client ID: 080508-09
Sample Info: 940362
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^7)
-MTBE
-Cyclohexane
-Benzene
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Methyl cyclohexane
-Toluene-d8 (SUR)
Toluene
-Chlorobenzene-d5
-Ethylbenzene
-m+p-Xylene
-o-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d
Min

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

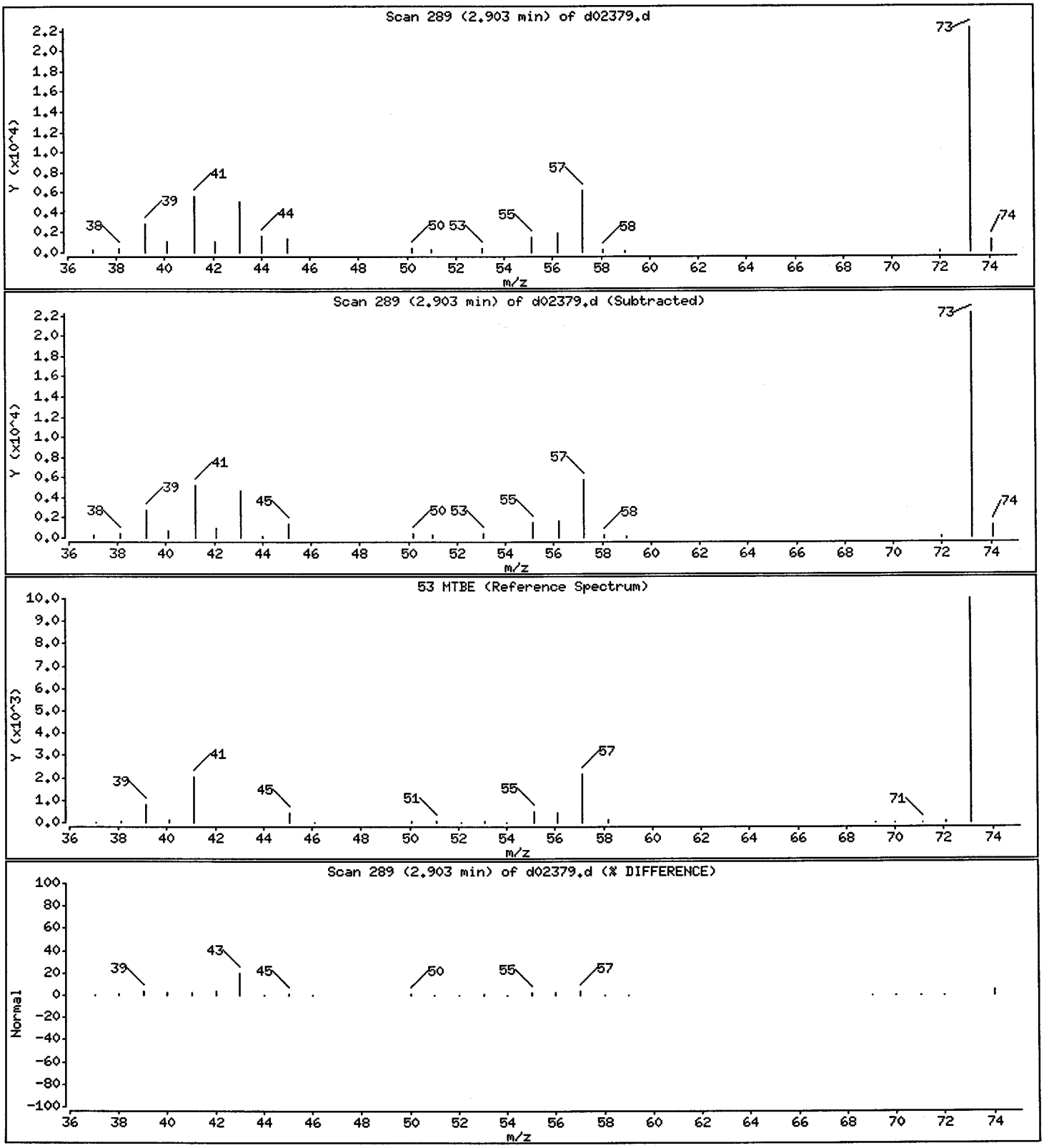
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 2.2 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

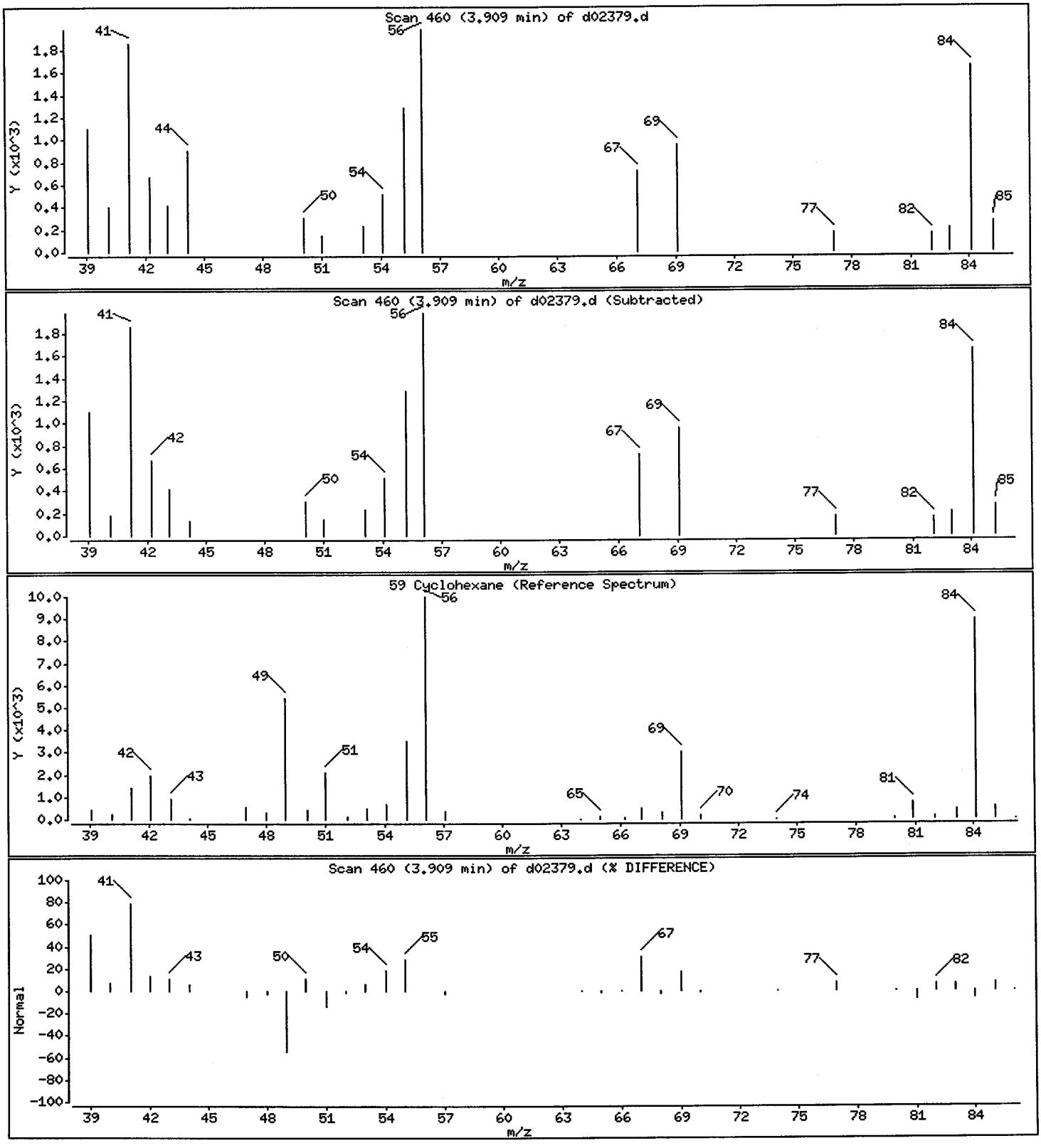
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

59 Cyclohexane Concentration: 0.48 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

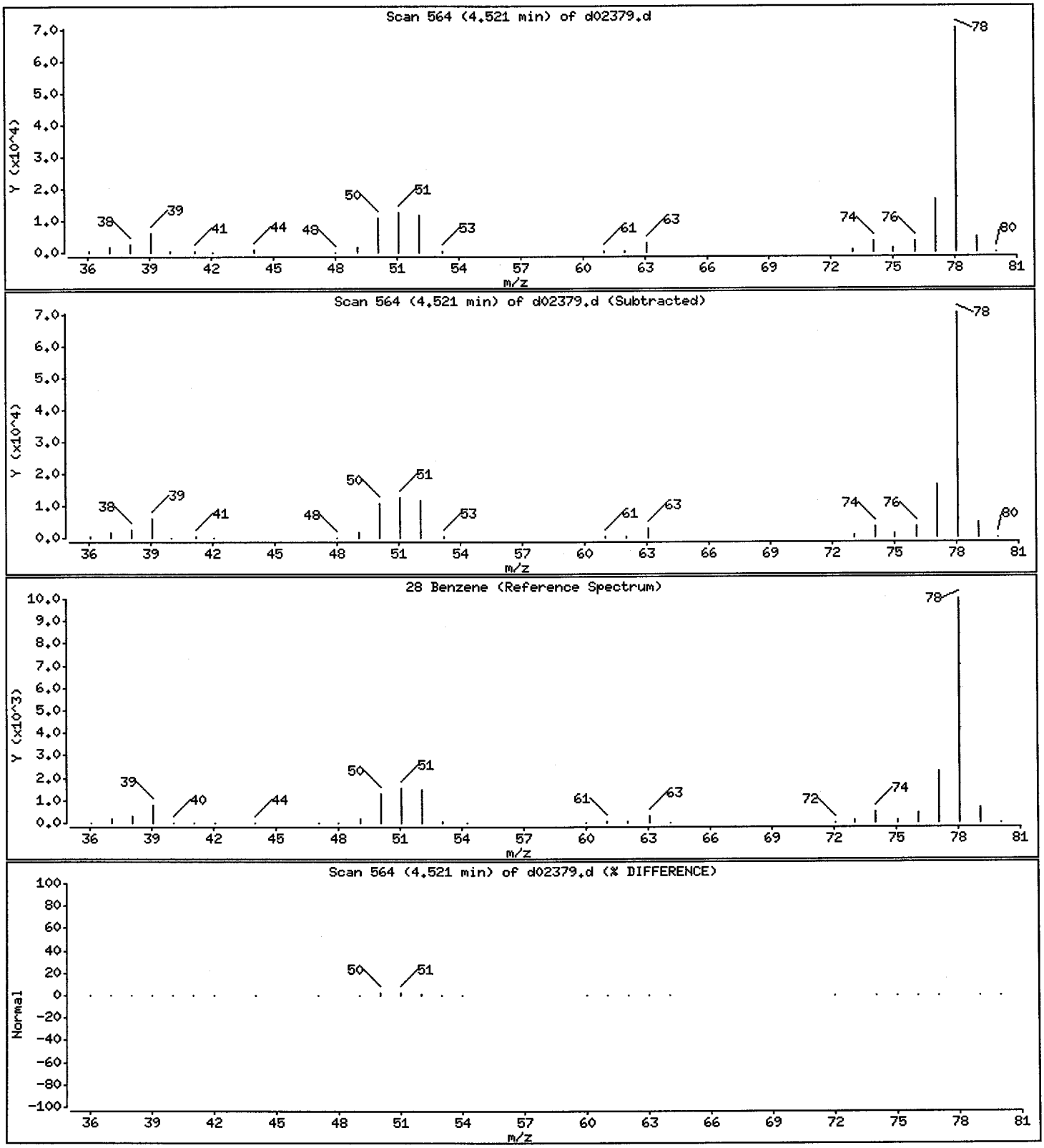
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 4.9 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

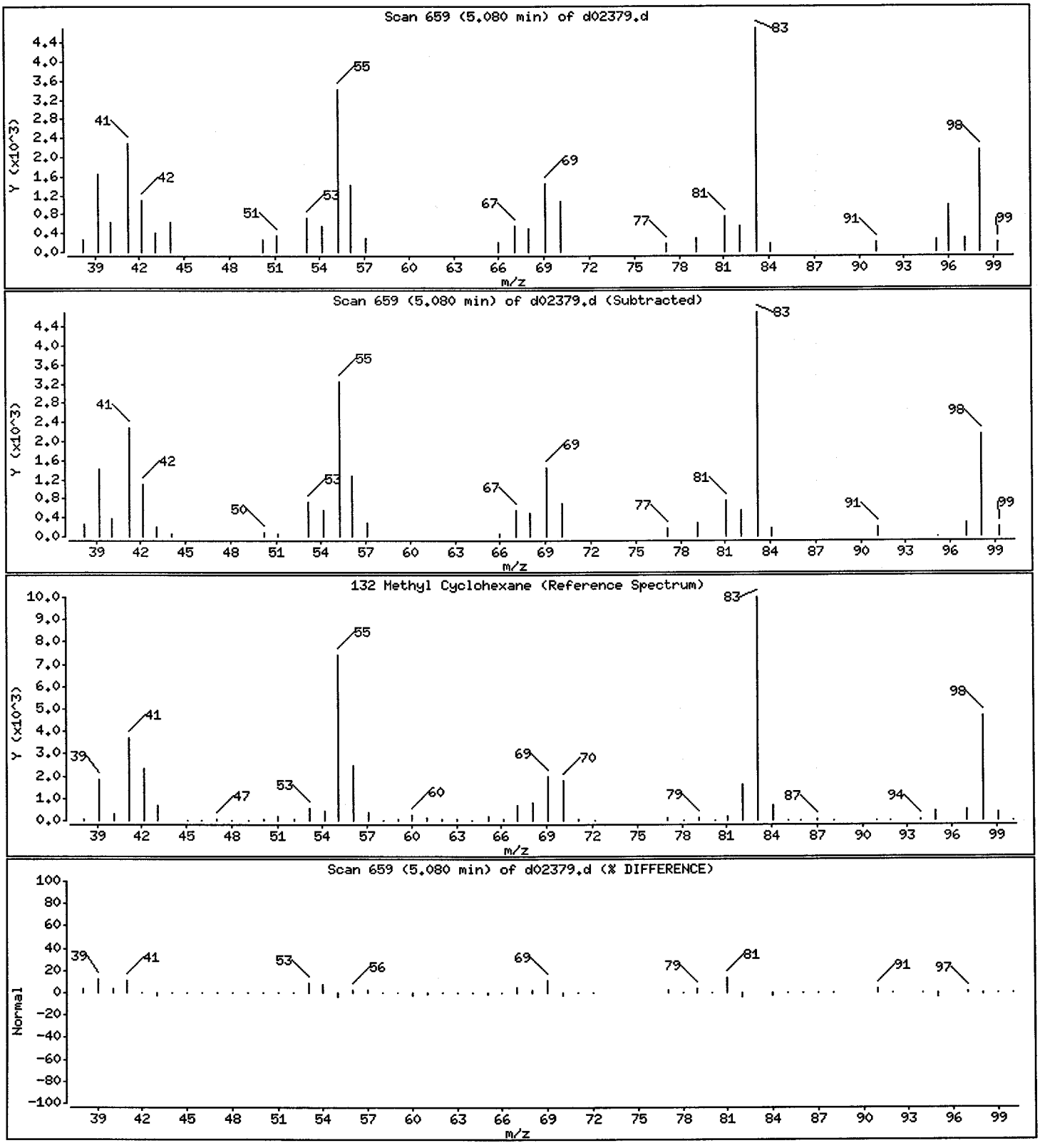
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

132 Methyl Cyclohexane Concentration: 1.0 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

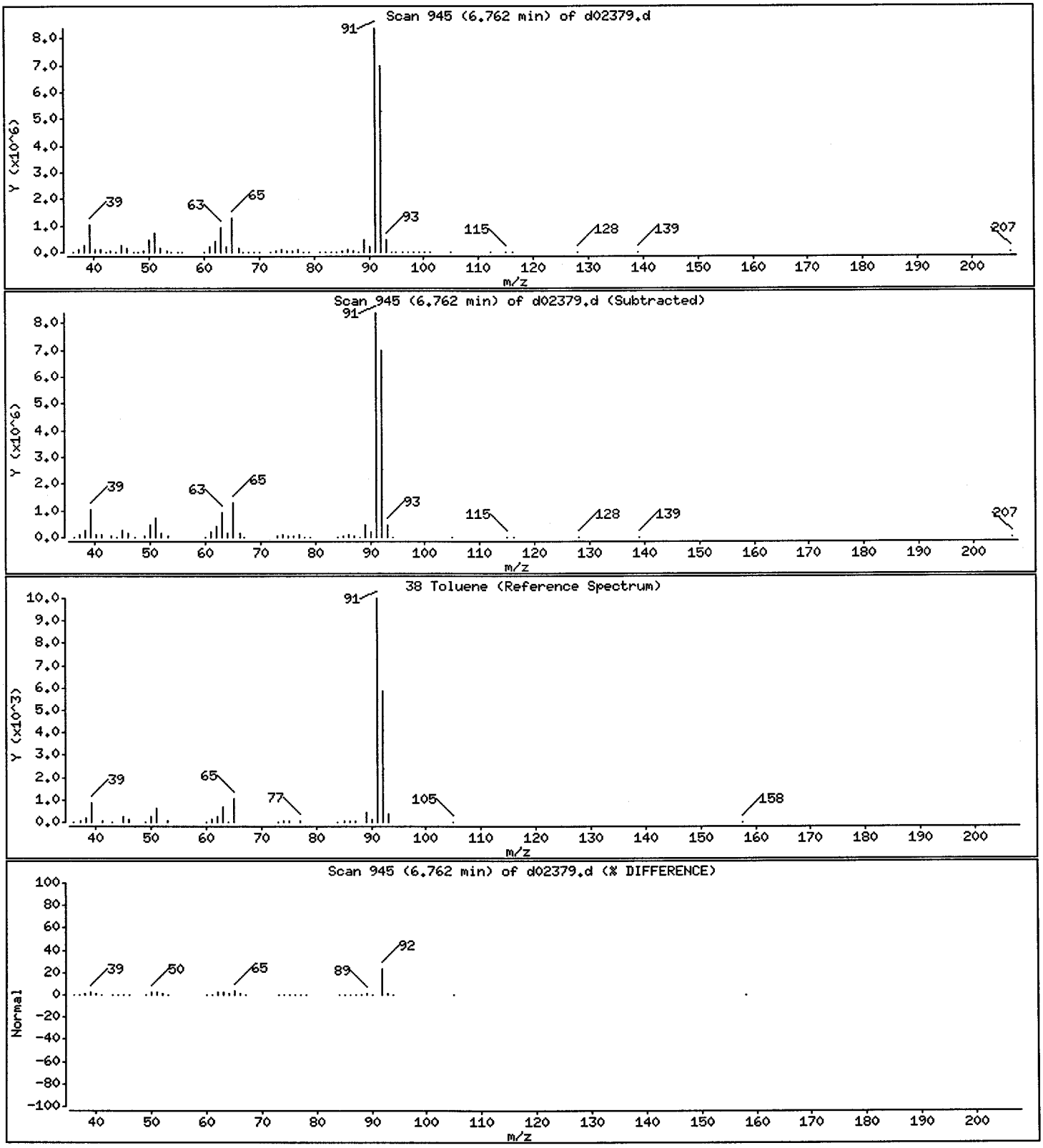
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 830 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

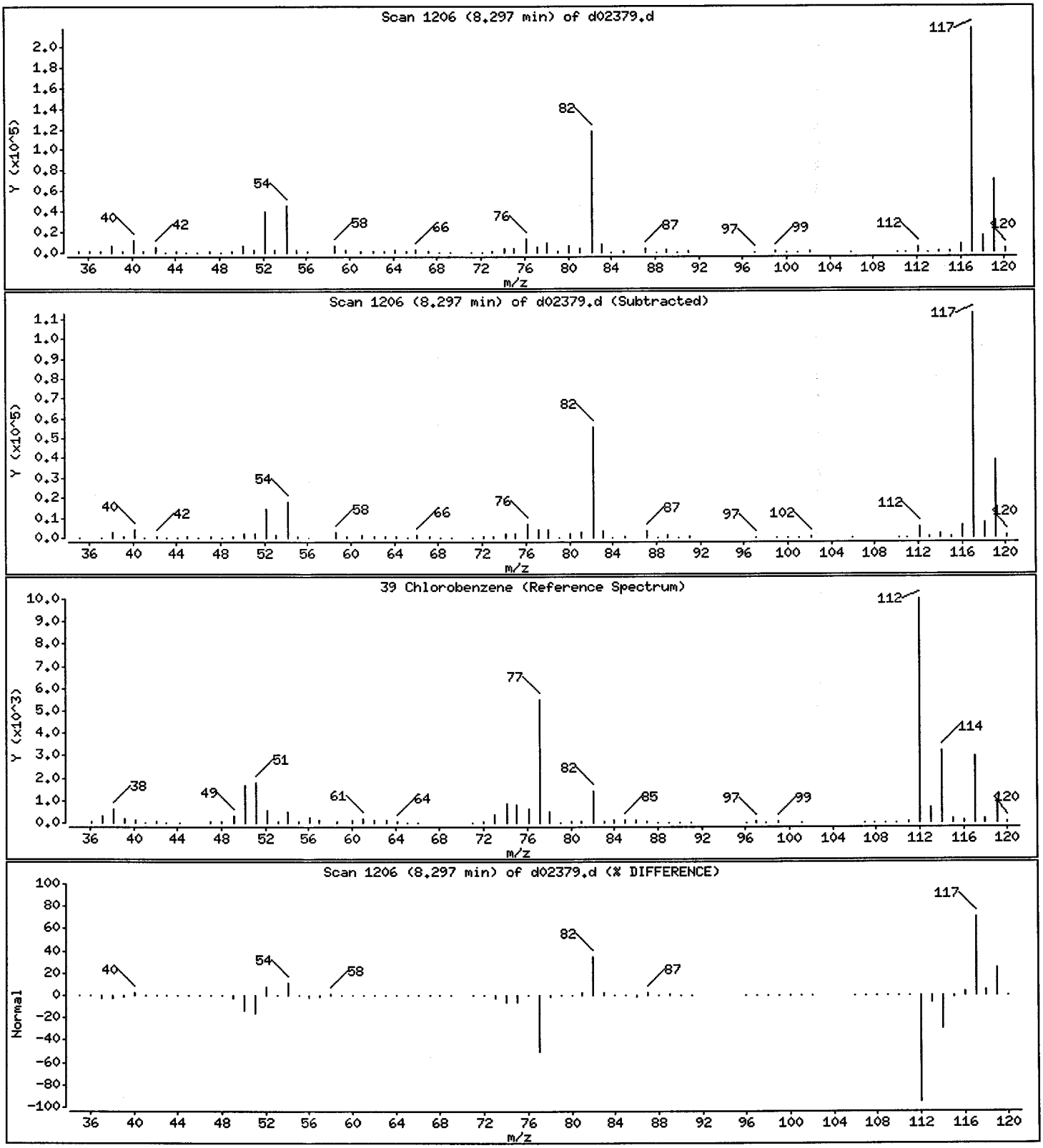
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

39 Chlorobenzene Concentration: 0.41 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

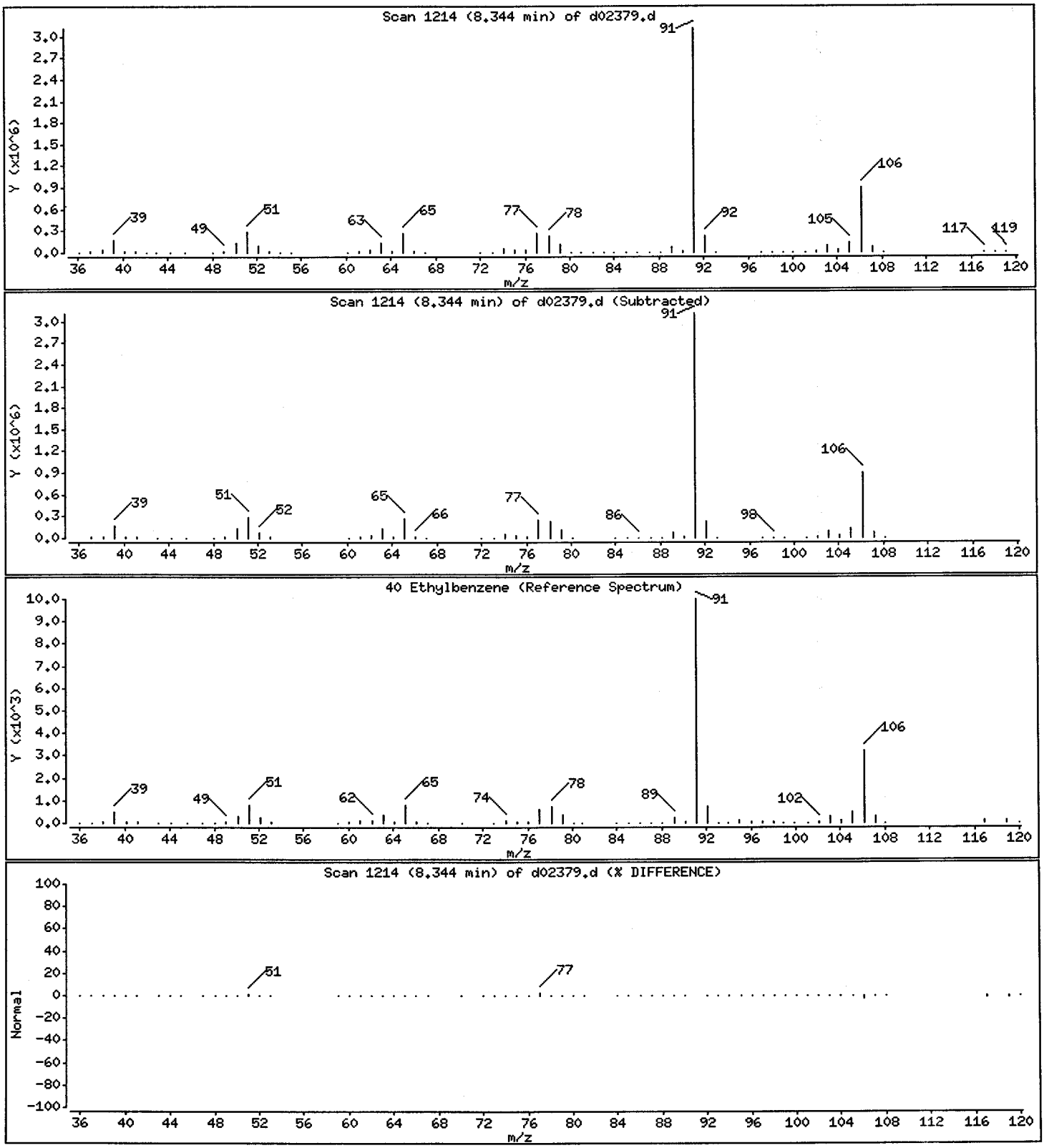
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 140 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

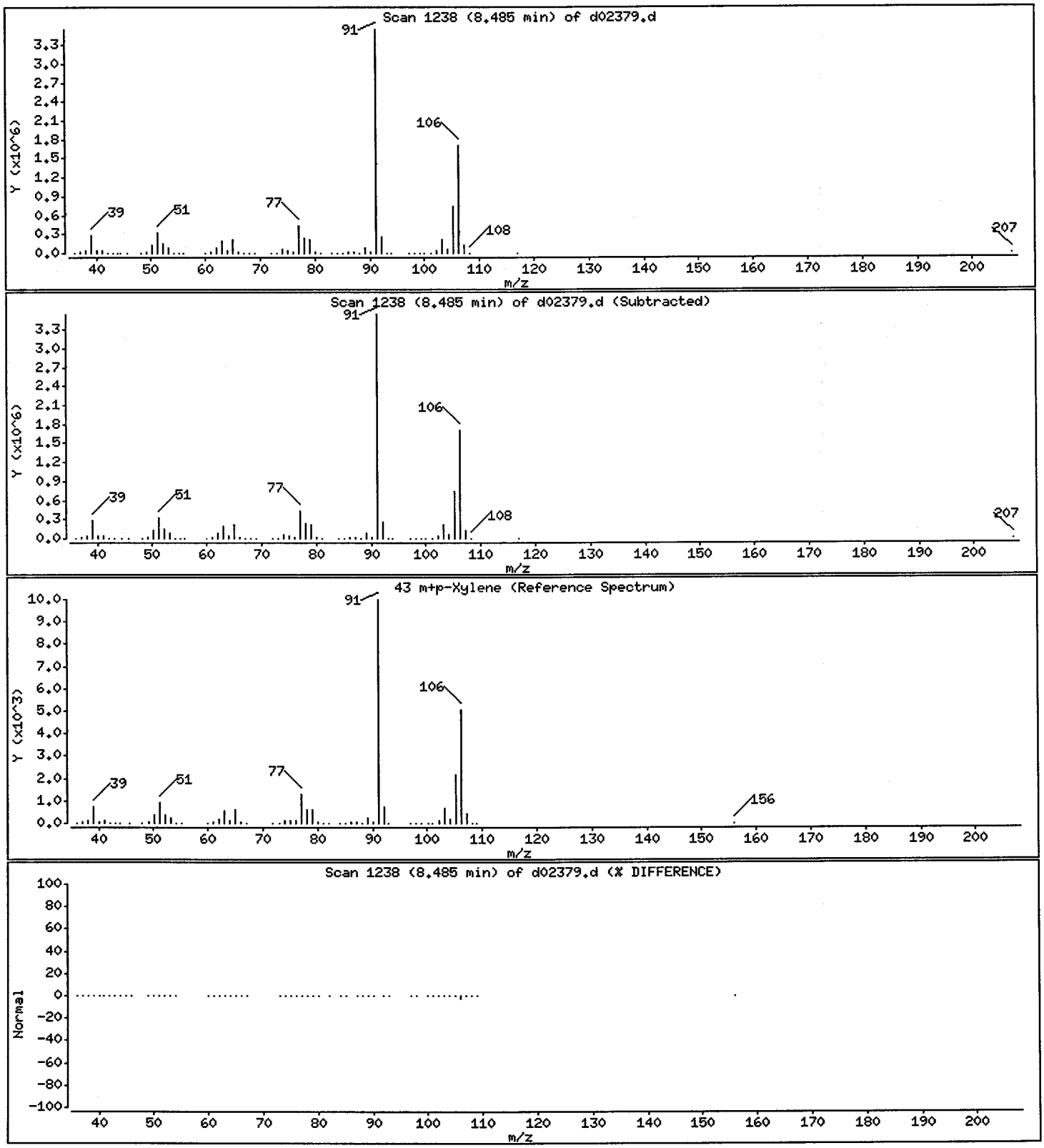
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 200 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

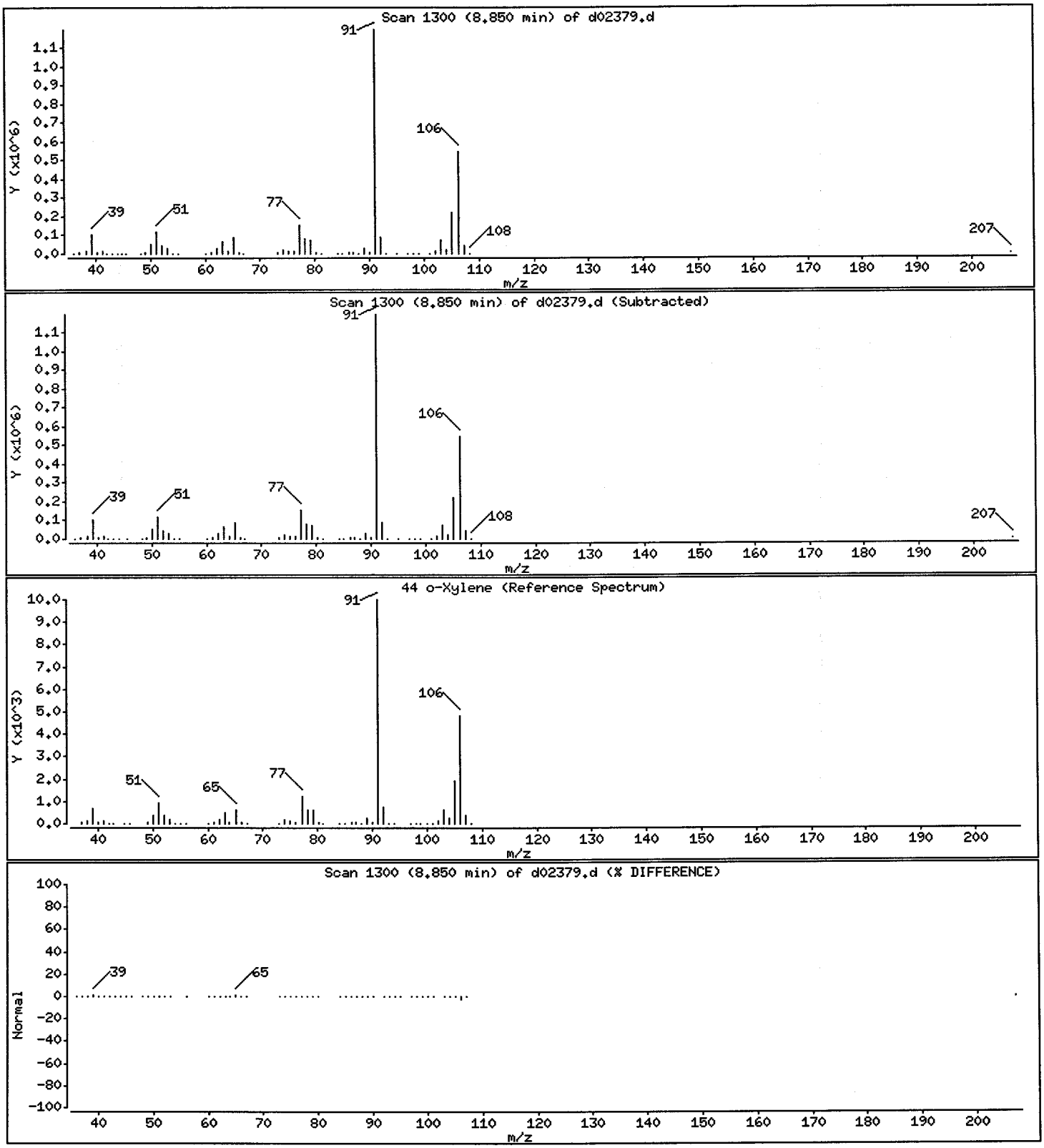
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 64 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

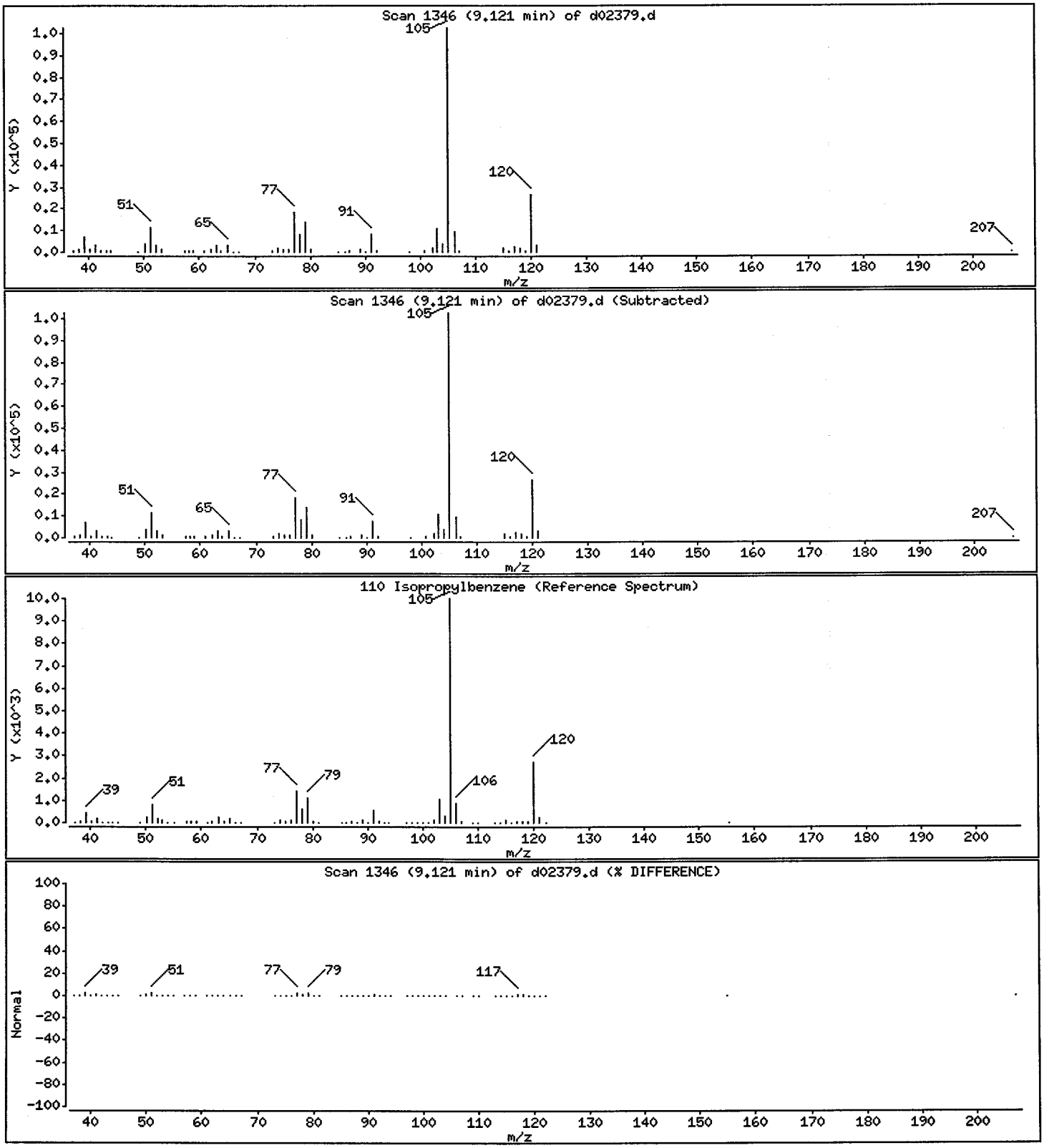
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 4.6 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

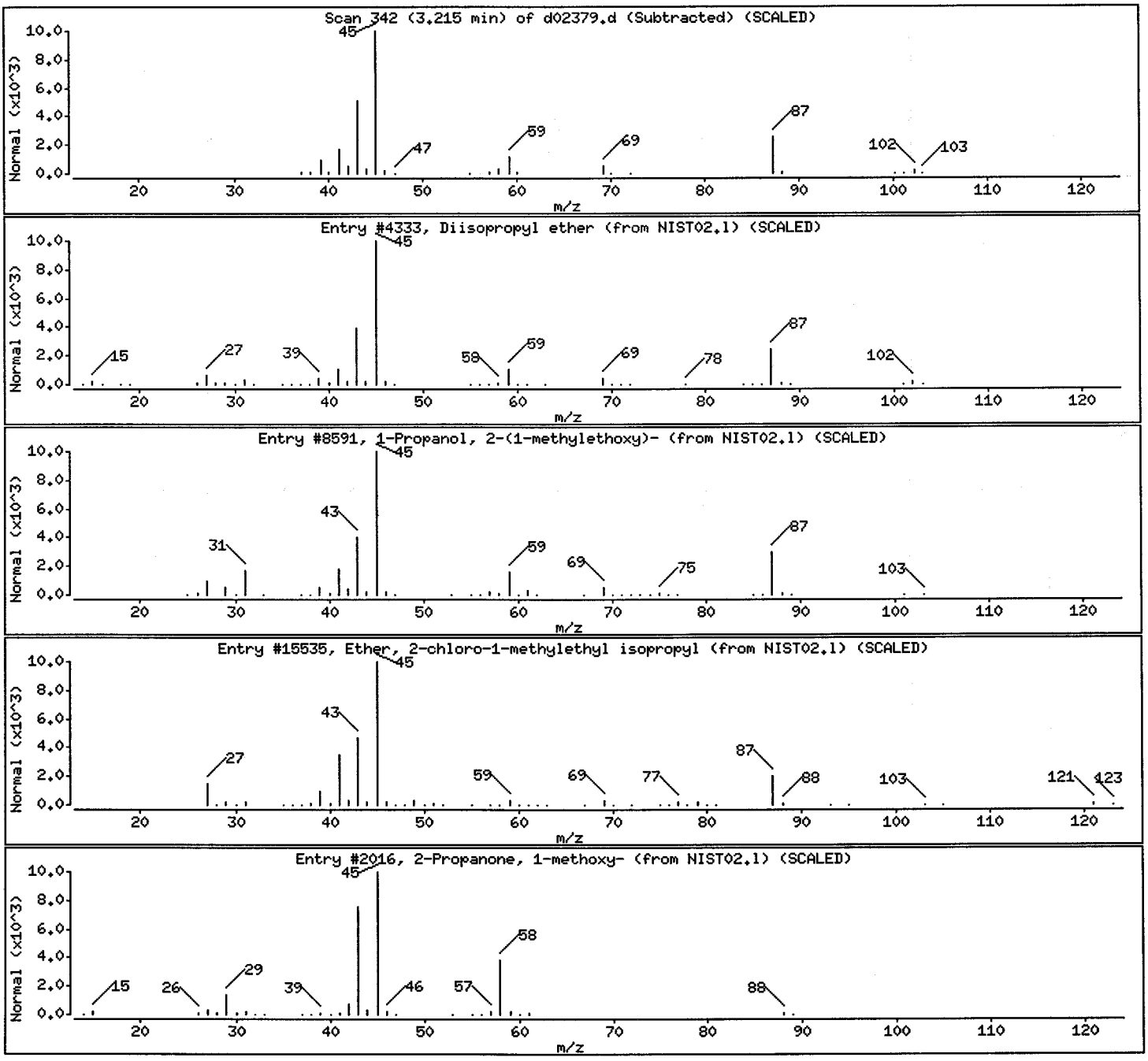
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diisopropyl ether	108-20-3	NIST02.l	4333	86	C6H14O	102
1-Propanol, 2-(1-methylethoxy)-	3944-37-4	NIST02.l	8591	64	C6H14O2	118
Ether, 2-chloro-1-methylethyl isopropyl	98277-76-0	NIST02.l	15535	64	C6H13ClO	136
2-Propanone, 1-methoxy-	5878-19-3	NIST02.l	2016	53	C4H8O2	88



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02379.d

Date : 15-AUG-2008 08:08

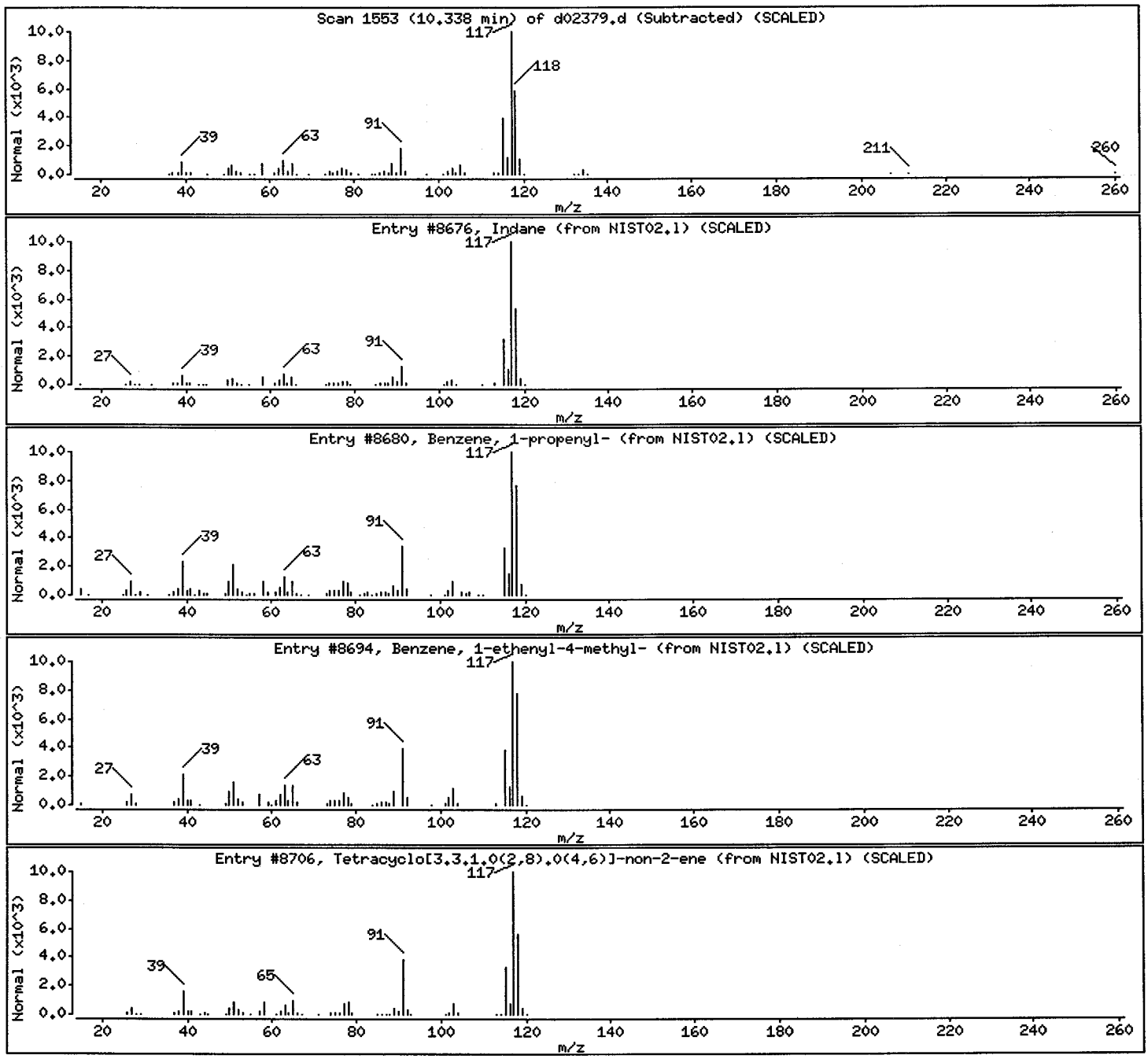
Client ID: 080508-09 Instrument: VOAMS4.i

Sample Info: 940362

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	94	C9H10	118
Benzene, 1-propenyl-	637-50-3	NIST02.l	8680	76	C9H10	118
Benzene, 1-ethenyl-4-methyl-	622-97-9	NIST02.l	8694	72	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-en	1000191-13-7	NIST02.l	8706	64	C9H10	118



Client ID: **080508-09D1**
Site: GM Wilmington-17338

Lab Sample No: **940362D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02178.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	390	25

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02178.d
Report Date: 19-Aug-2008 11:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02178.d
Lab Smp Id: 940362D1 Client Smp ID: 080508-09D1
Inj Date : 07-AUG-2008 13:30
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940362D1;5
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 17
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: Tol.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	SampleVolume

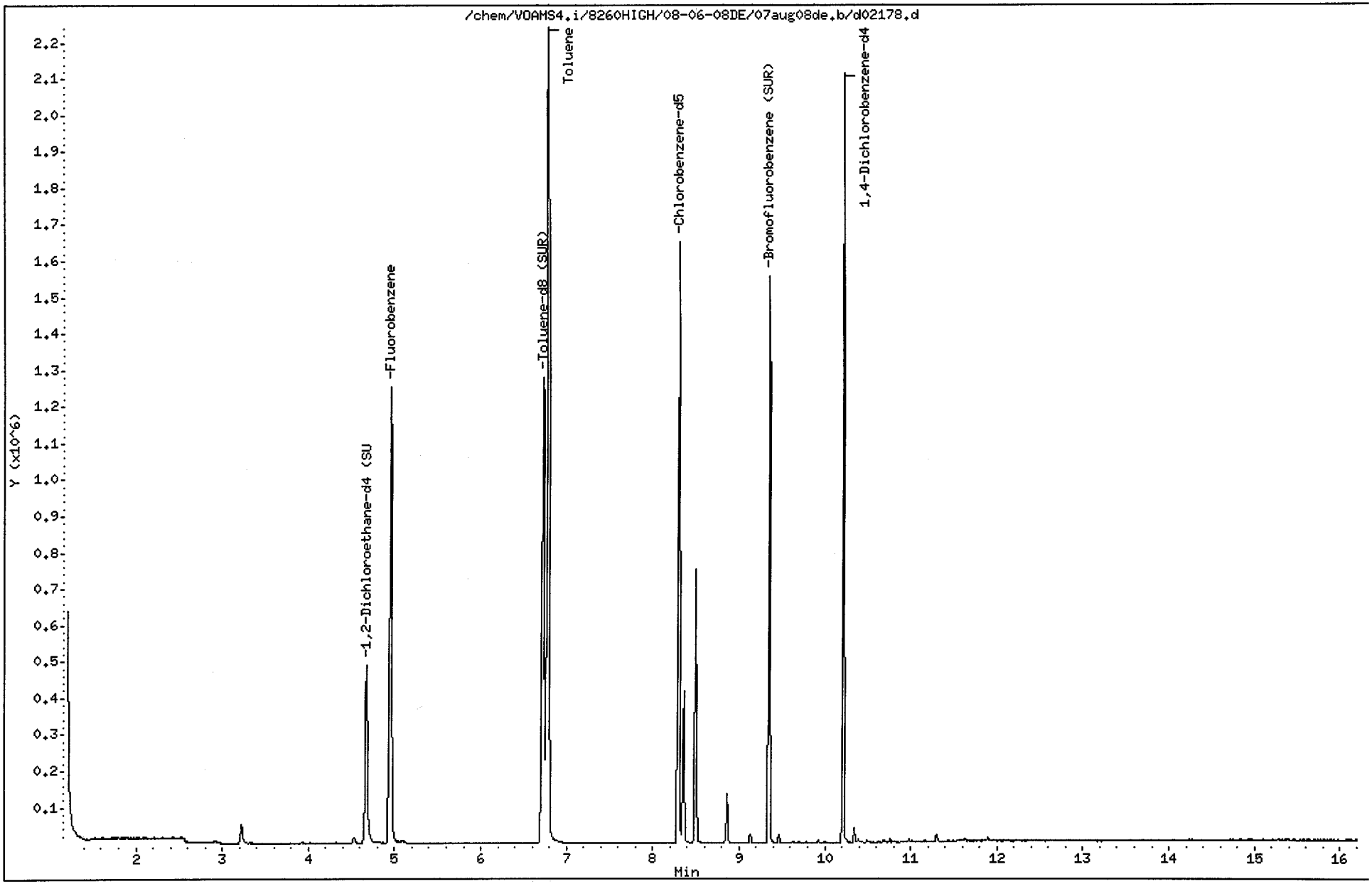
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.943)	386011	48.2062	48
* 19 Fluorobenzene	96	4.950	4.944	(1.000)	1025377	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.715	(0.810)	810522	52.5772	52
38 Toluene	91	6.780	6.780	(0.817)	1639517	77.7006	390
* 32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	695376	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	252295	55.2927	55
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	326146	50.0000	

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02178.d
Date : 07-AUG-2008 13:30
Client ID: 080508-09D1
Sample Info: 940362D1;5
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i

Operator: VOAMS 13
Column diameter: 0.18



TestAmerica Edison

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02178.d

Date : 07-AUG-2008 13:30

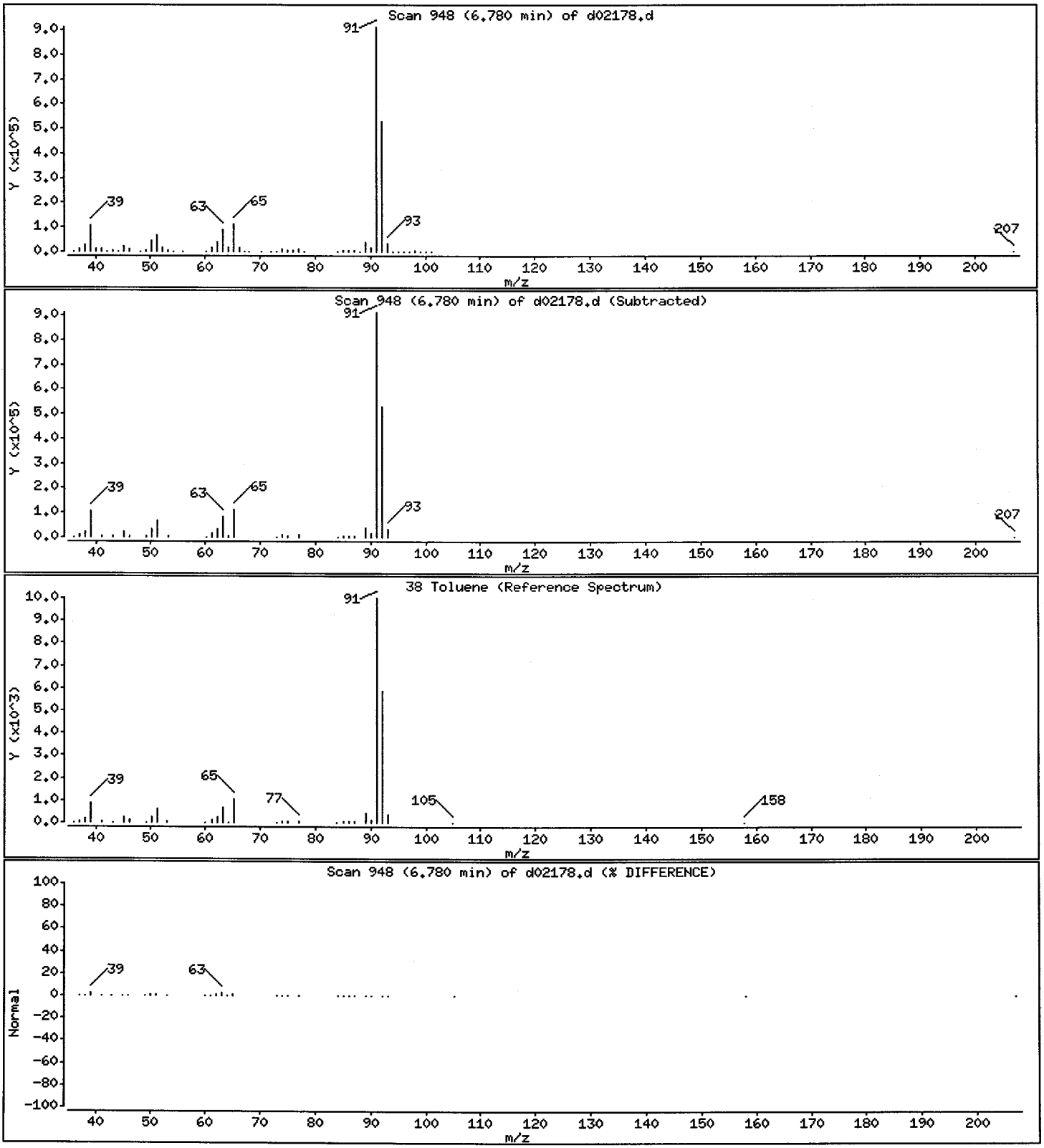
Client ID: 080508-09D1 Instrument: VOAMS4.i

Sample Info: 940362D1;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 390 ug/L



Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02380.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	3.5	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	*	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	91	4.0
Styrene	ND	5.0

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02380.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	190	5.0
Freon TF	ND	5.0
MTBE	2.0J	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	4.0J	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	0.3J	5.0

* see dilution

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02380.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Diisopropyl ether	3.22	12	
2.	Indane	10.34	6.6	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 19

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d
Report Date: 19-Aug-2008 11:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d
Lab Smp Id: 940363 Client Smp ID: 080508-10
Inj Date : 15-AUG-2008 08:32
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940363
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

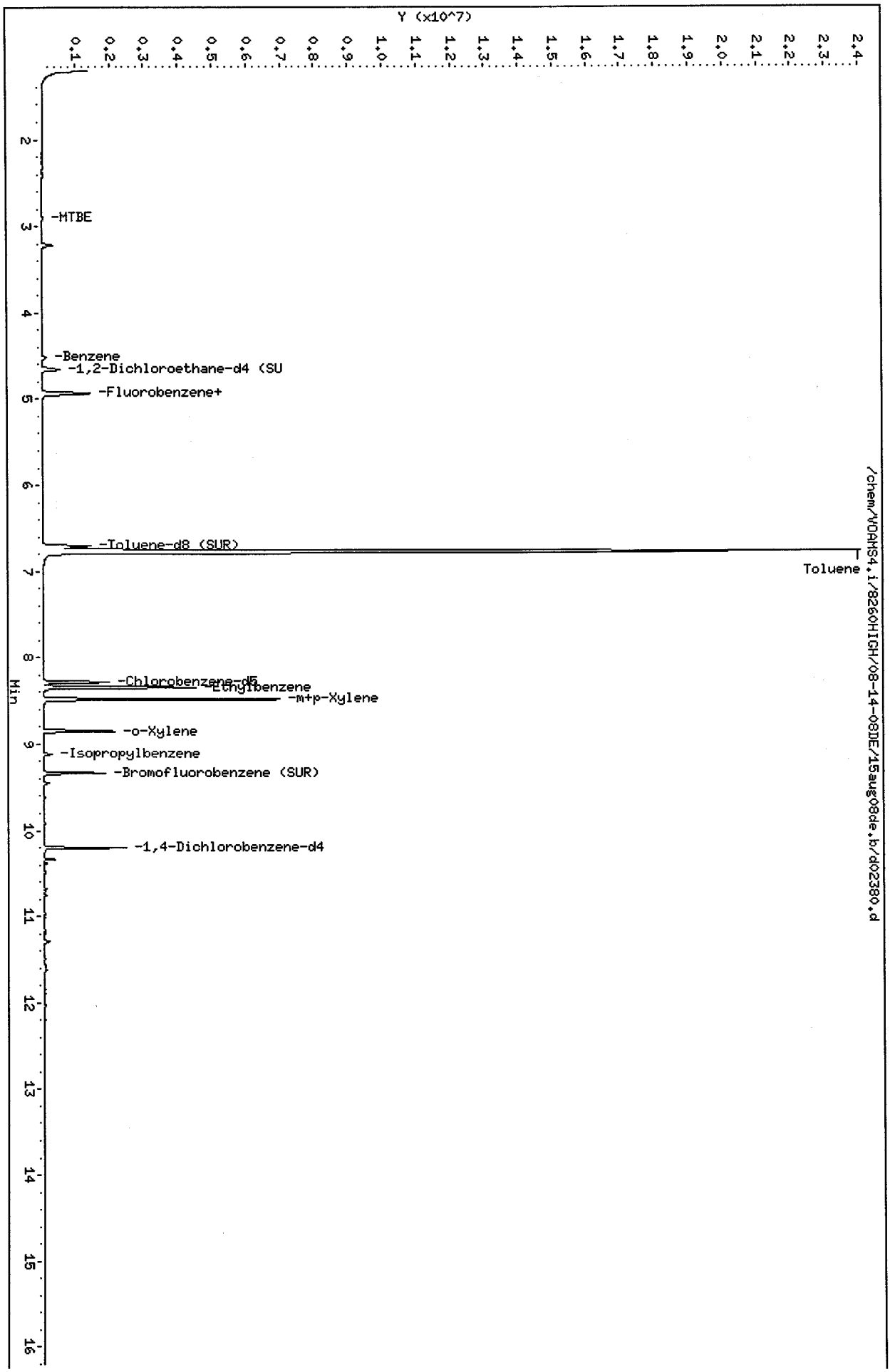
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	53 MTBE	73	2.909	2.903	(0.590)	39549	1.98682	2.0(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	374571	51.3647	51
	28 Benzene	78	4.521	4.515	(0.917)	96708	3.52437	3.5
*	19 Fluorobenzene	96	4.933	4.933	(1.000)	1268177	50.0000	
	132 Methyl Cyclohexane	83	5.074	5.080	(1.029)	3683	0.33789	0.34(a)
$	37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	960929	52.0276	52
	38 Toluene	91	6.762	6.768	(0.816)	18210676	710.339	710(A) *
*	32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	851382	50.0000	
	40 Ethylbenzene	106	8.344	8.344	(1.007)	782868	91.4130	91
	43 m+p-Xylene	106	8.479	8.485	(1.023)	1593866	147.135	150
	44 o-Xylene	106	8.850	8.850	(1.068)	434460	42.8656	43
	110 Isopropylbenzene	105	9.121	9.121	(1.101)	105882	3.96938	4.0(a)
$	41 Bromofluorobenzene (SUR)	174	9.332	9.338	(0.915)	347978	52.0908	52
*	91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	412129	50.0000	
M	45 Xylene (Total)	100				2028326	191.347	190

* See dilution

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d
Report Date: 19-Aug-2008 11:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d
Date : 15-AUG-2008 08:32
Client ID: 080508-10
Sample Info: 940363
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

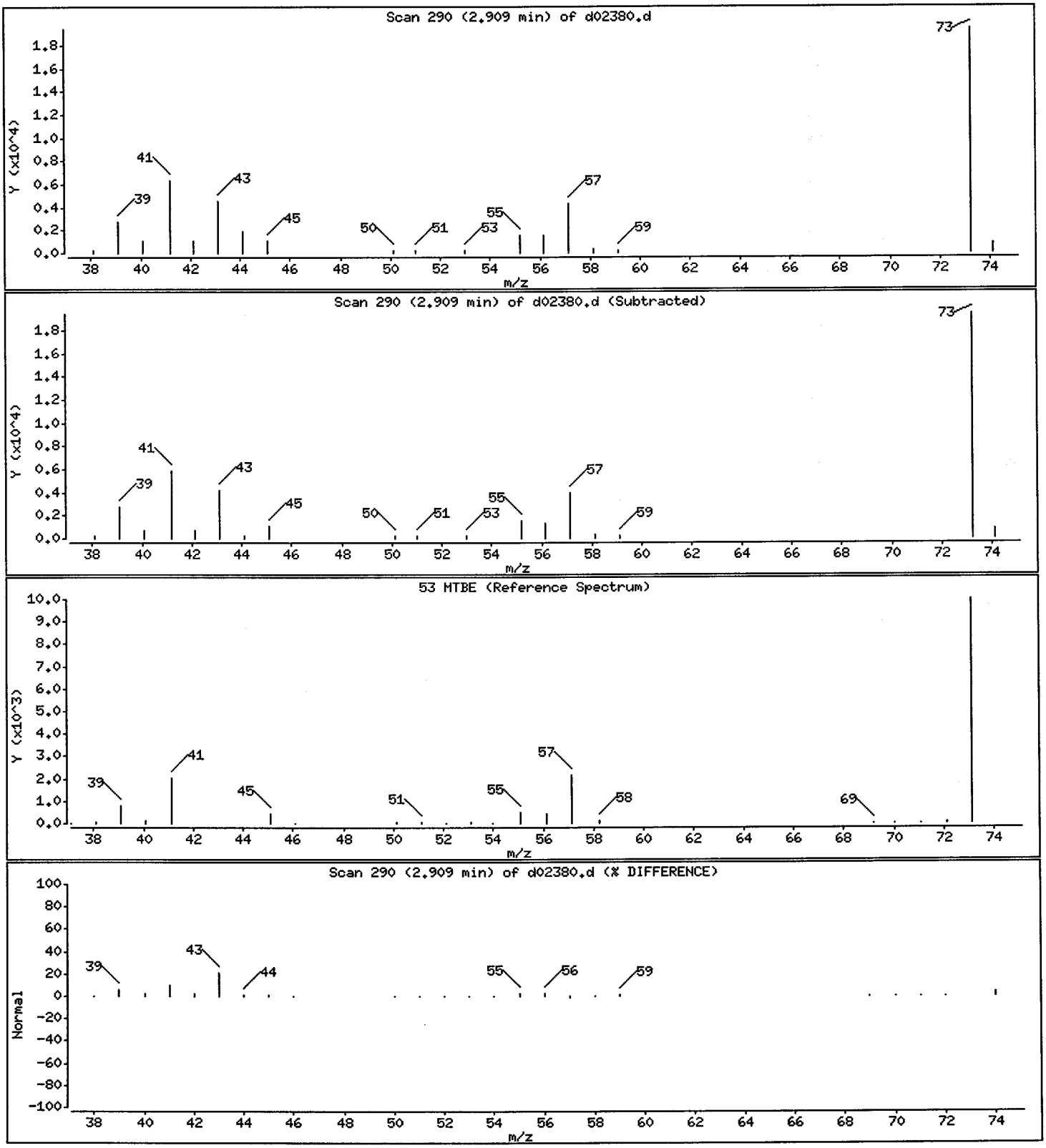
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 2.0 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

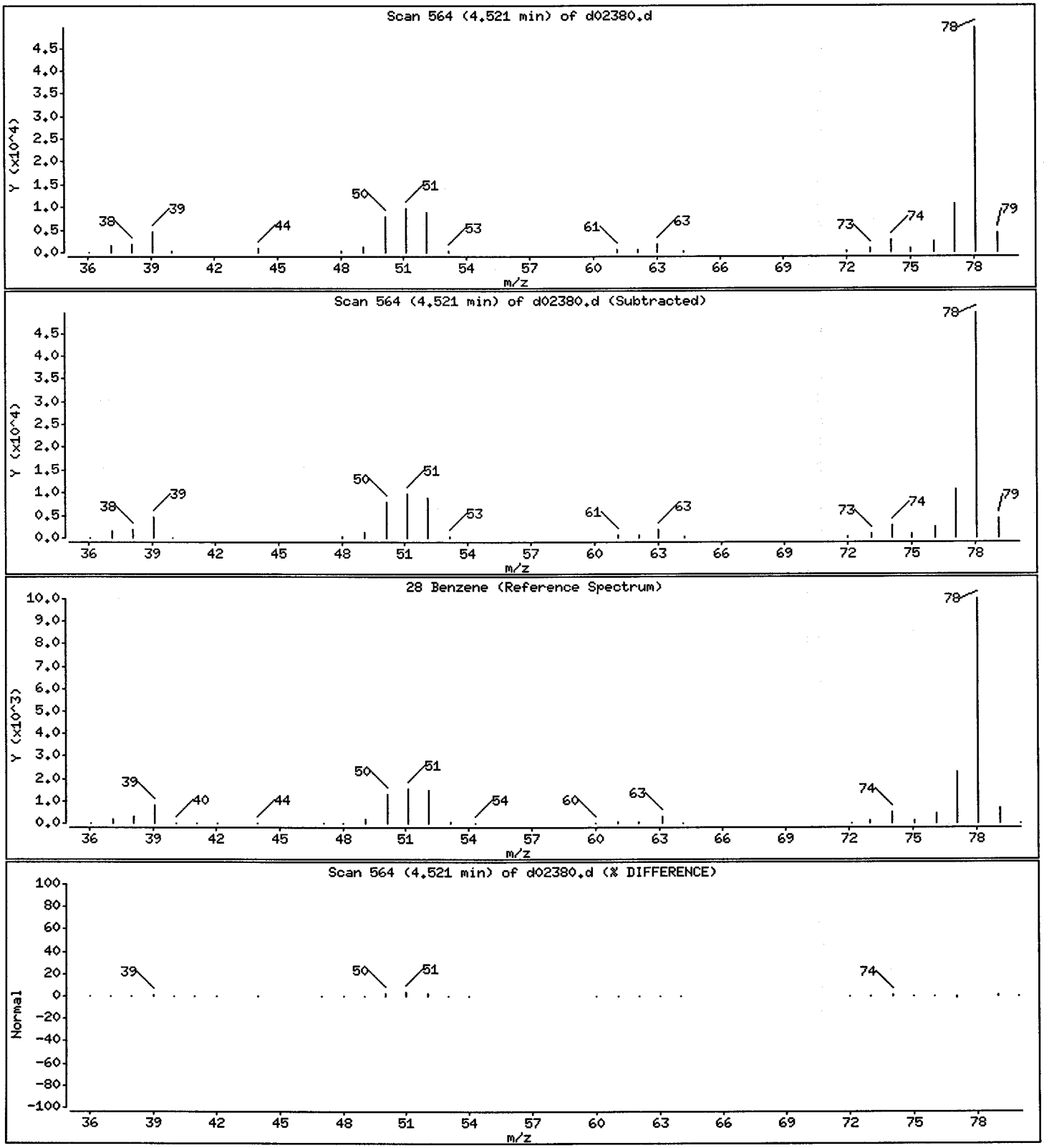
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 3.5 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

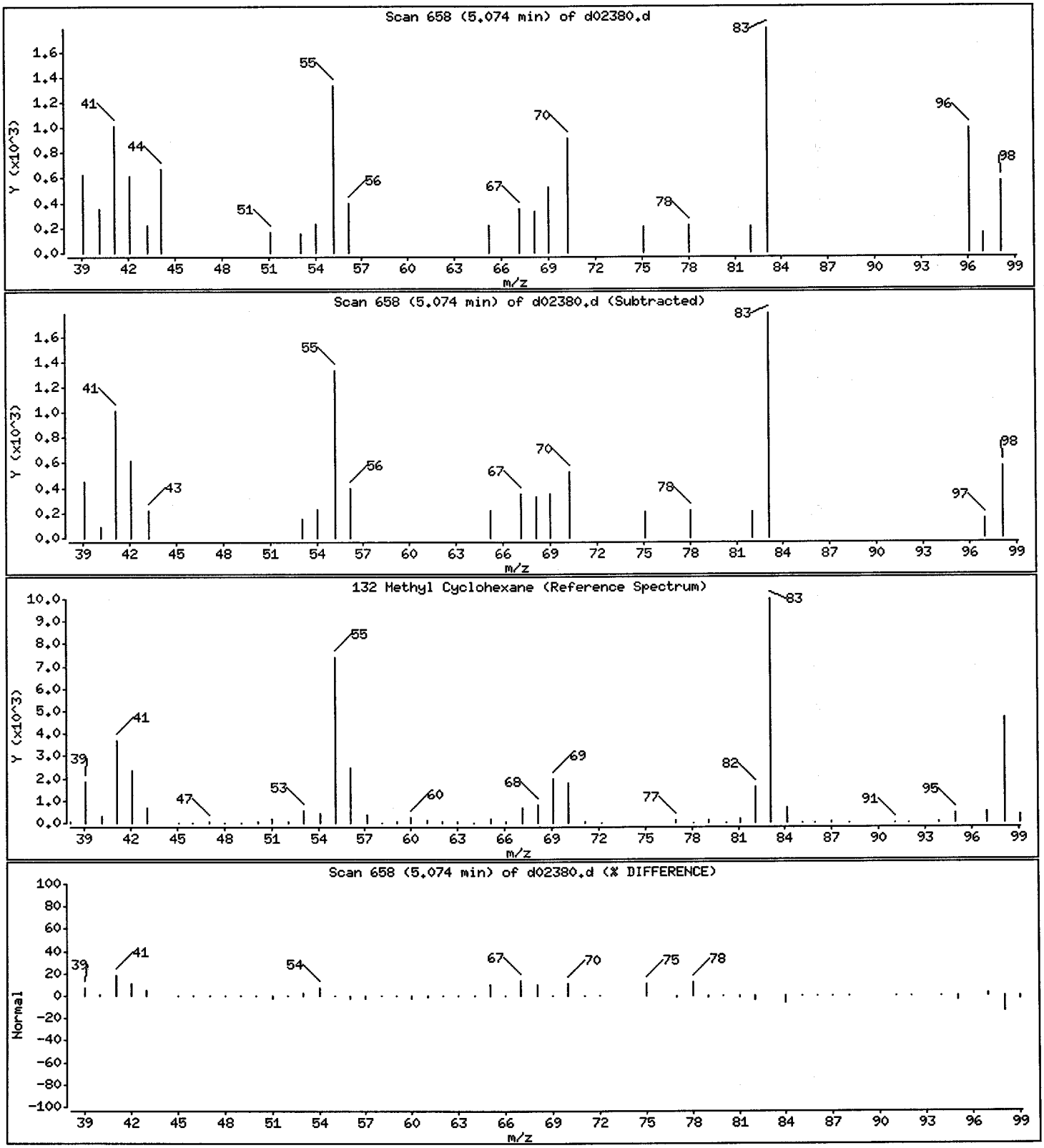
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

132 Methyl Cyclohexane Concentration: 0.34 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

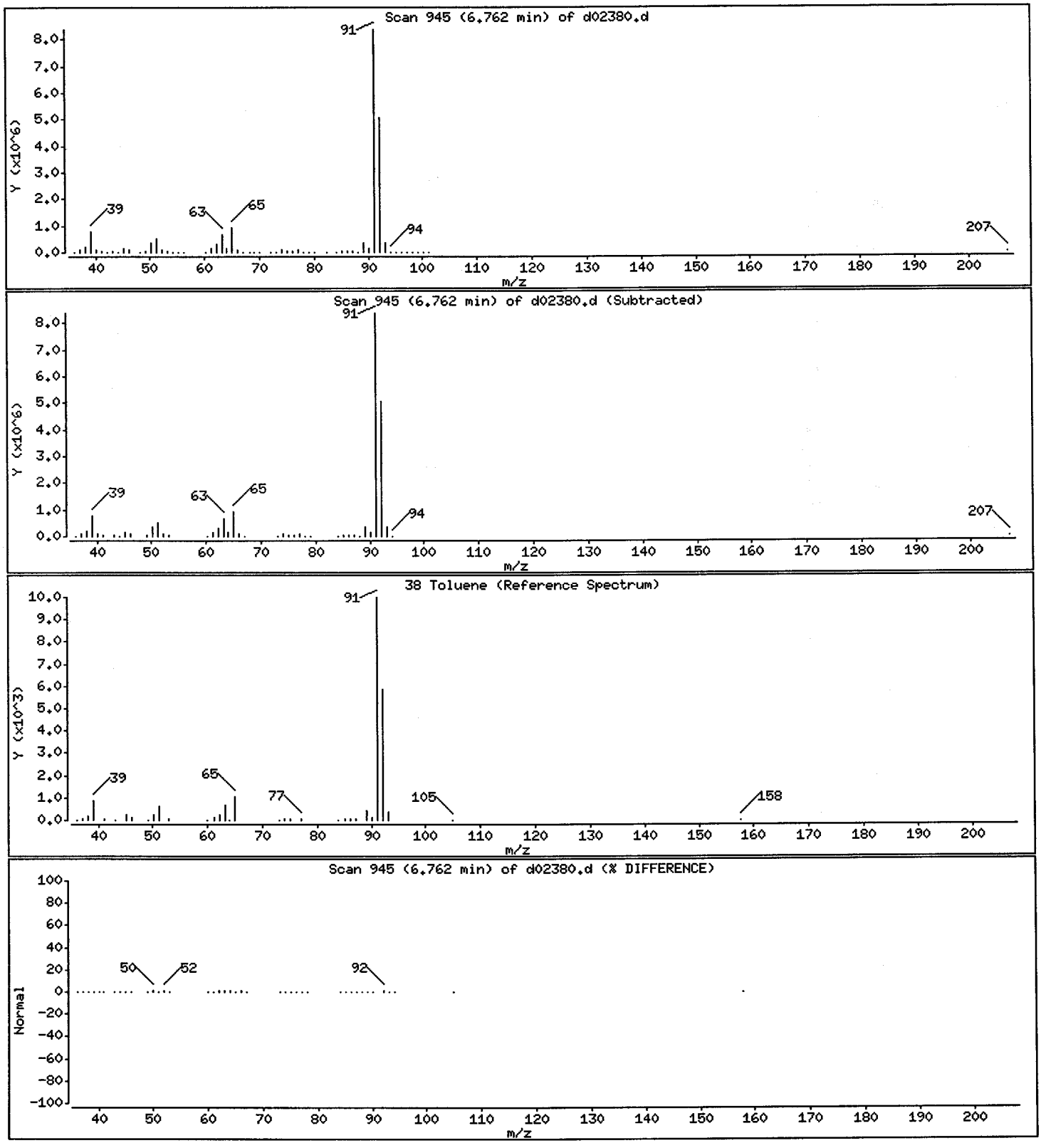
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 710 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

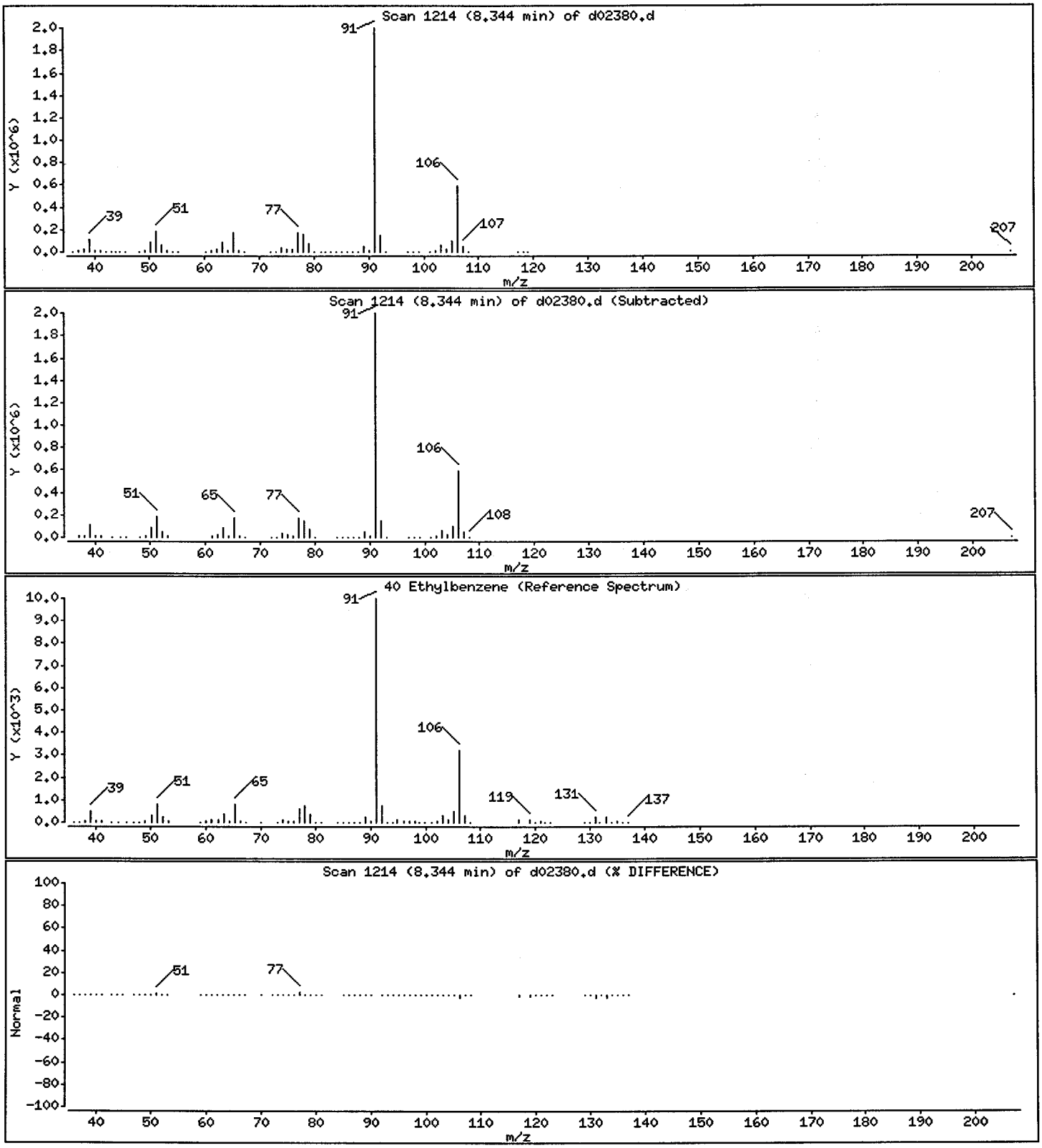
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 91 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

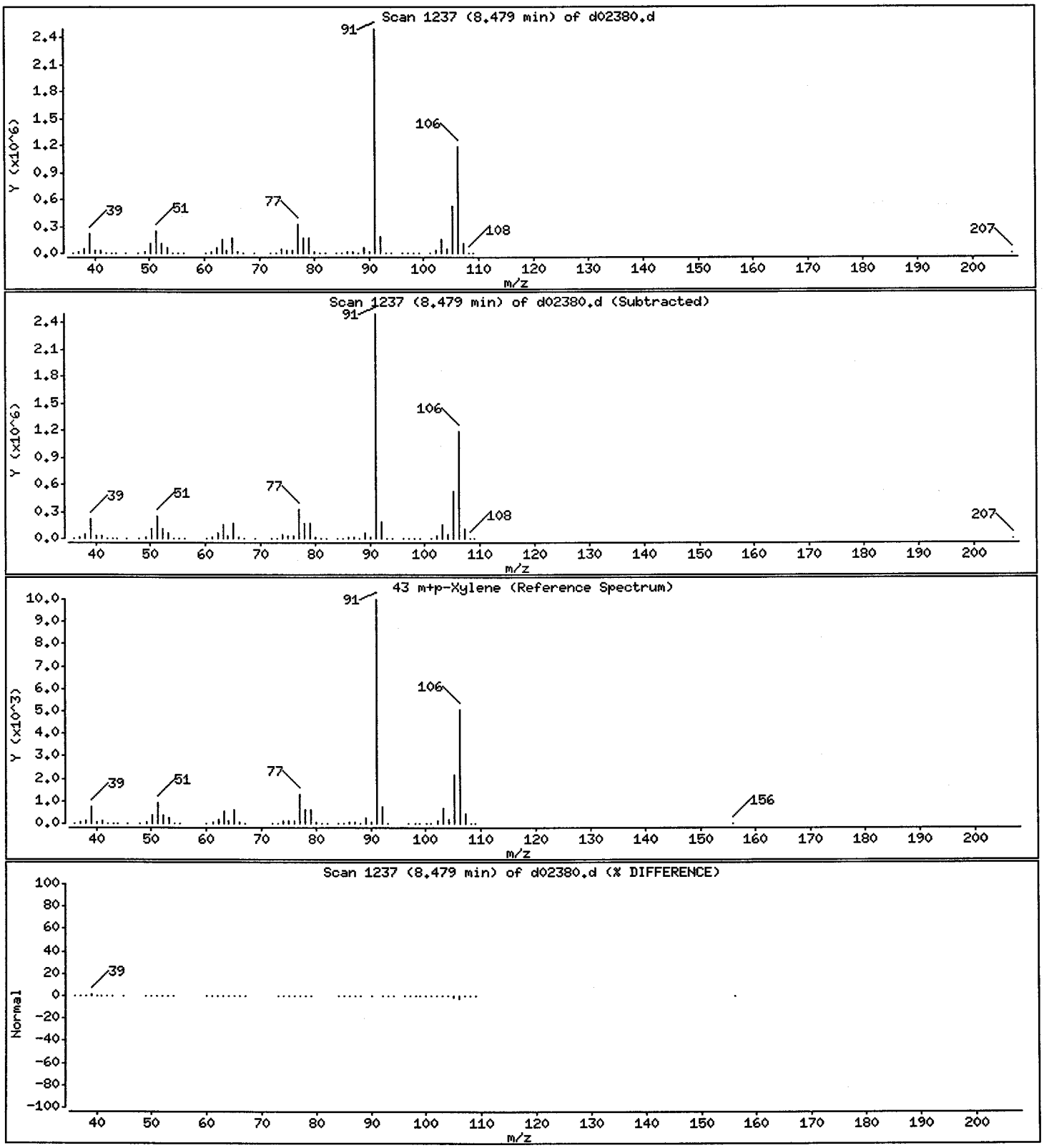
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 150 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

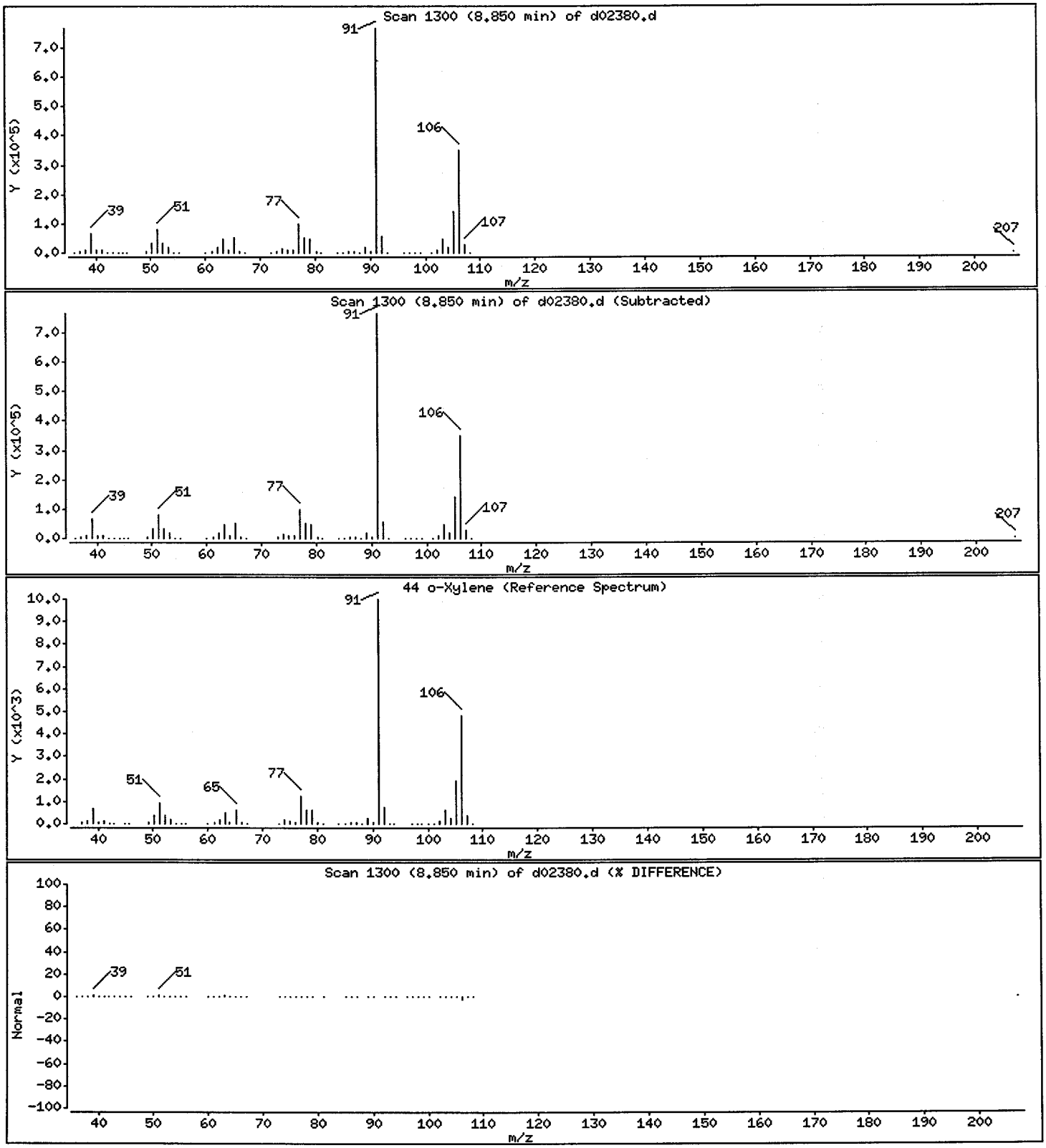
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 43 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

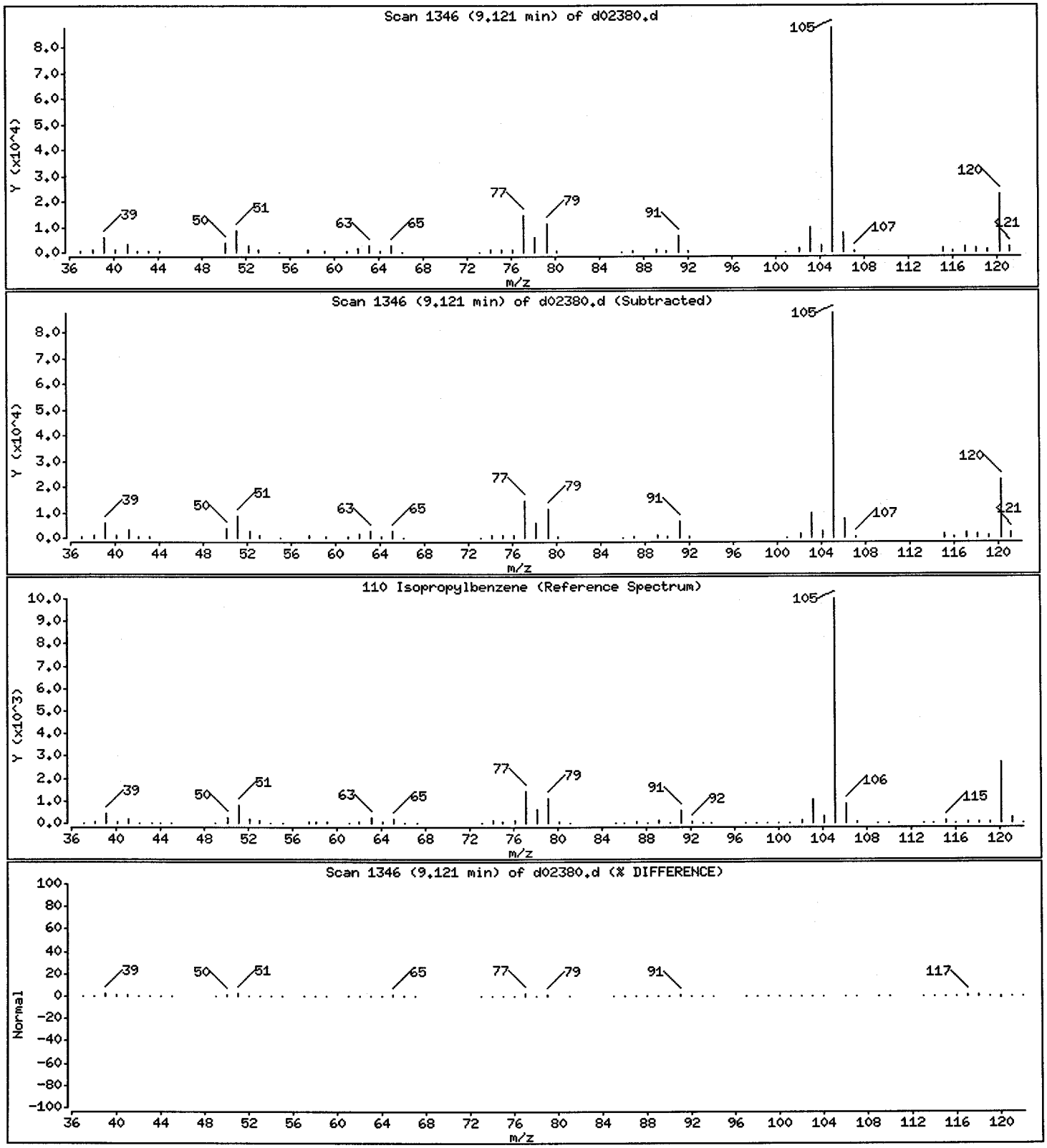
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 4.0 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

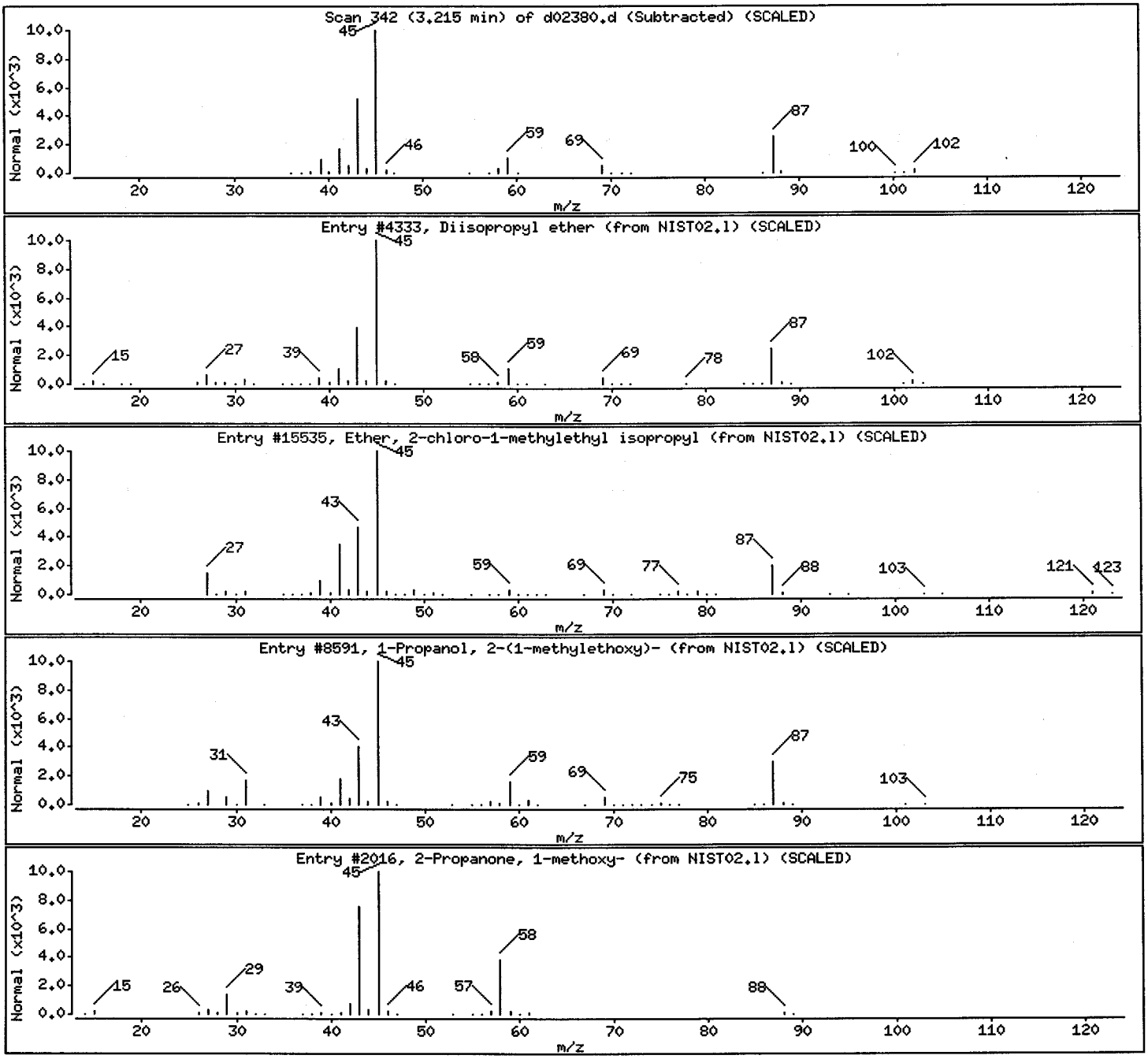
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diisopropyl ether	108-20-3	NIST02.l	4333	86	C6H14O	102
Ether, 2-chloro-1-methylethyl isopropyl	98277-76-0	NIST02.l	15535	78	C6H13ClO	136
1-Propanol, 2-(1-methylethoxy)-	3944-37-4	NIST02.l	8591	72	C6H14O2	118
2-Propanone, 1-methoxy-	5878-19-3	NIST02.l	2016	59	C4H8O2	88



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02380.d

Date : 15-AUG-2008 08:32

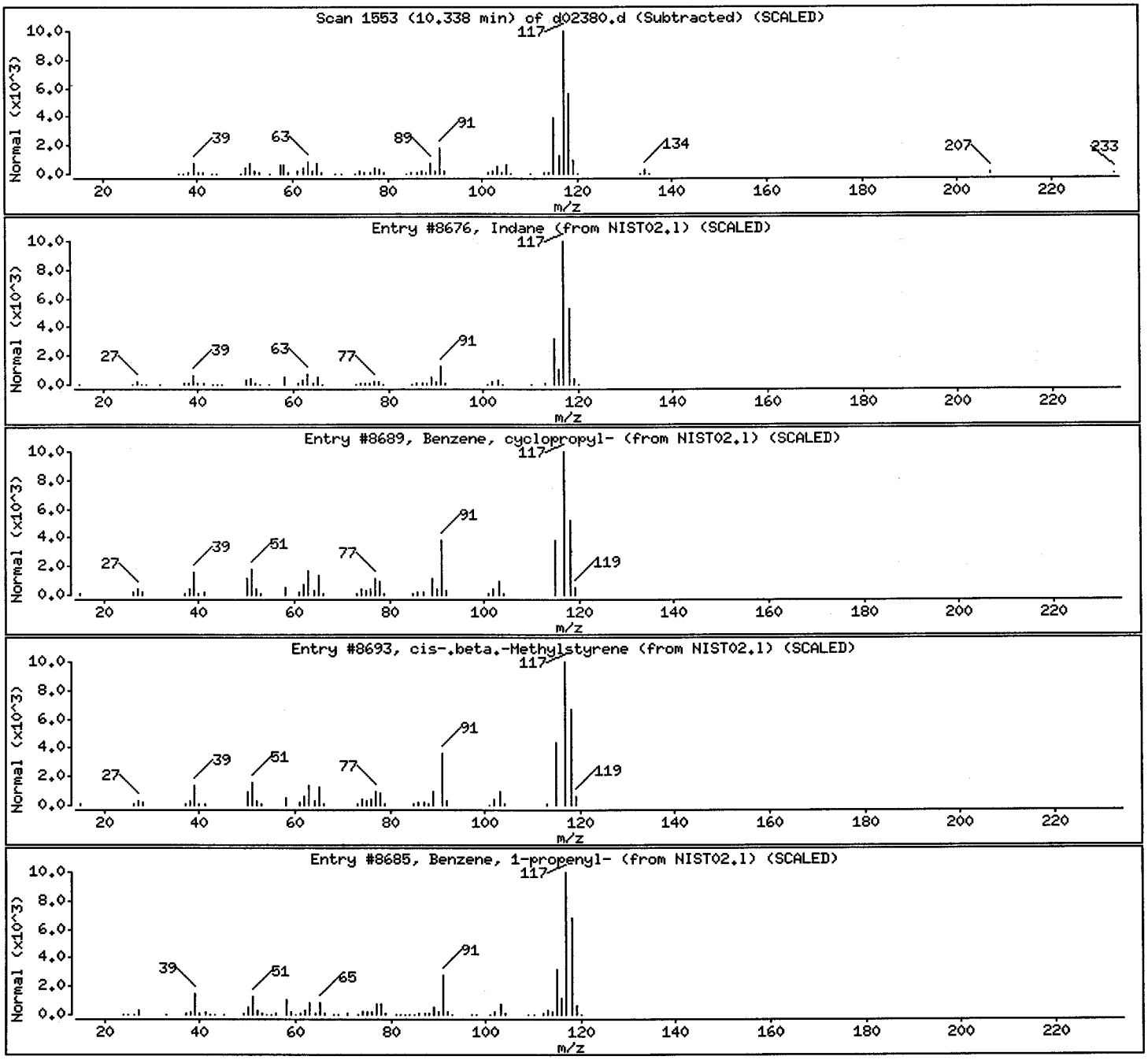
Client ID: 080508-10 Instrument: VOAMS4.i

Sample Info: 940363

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	95	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8689	70	C9H10	118
cis-.beta.-Methylstyrene	766-90-5	NIST02.l	8693	70	C9H10	118
Benzene, 1-propenyl-	637-50-3	NIST02.l	8685	68	C9H10	118



Client ID: **080508-10D1**
Site: GM Wilmington-17338

Lab Sample No: **940363D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02225.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	610	25

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02225.d
Report Date: 19-Aug-2008 11:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

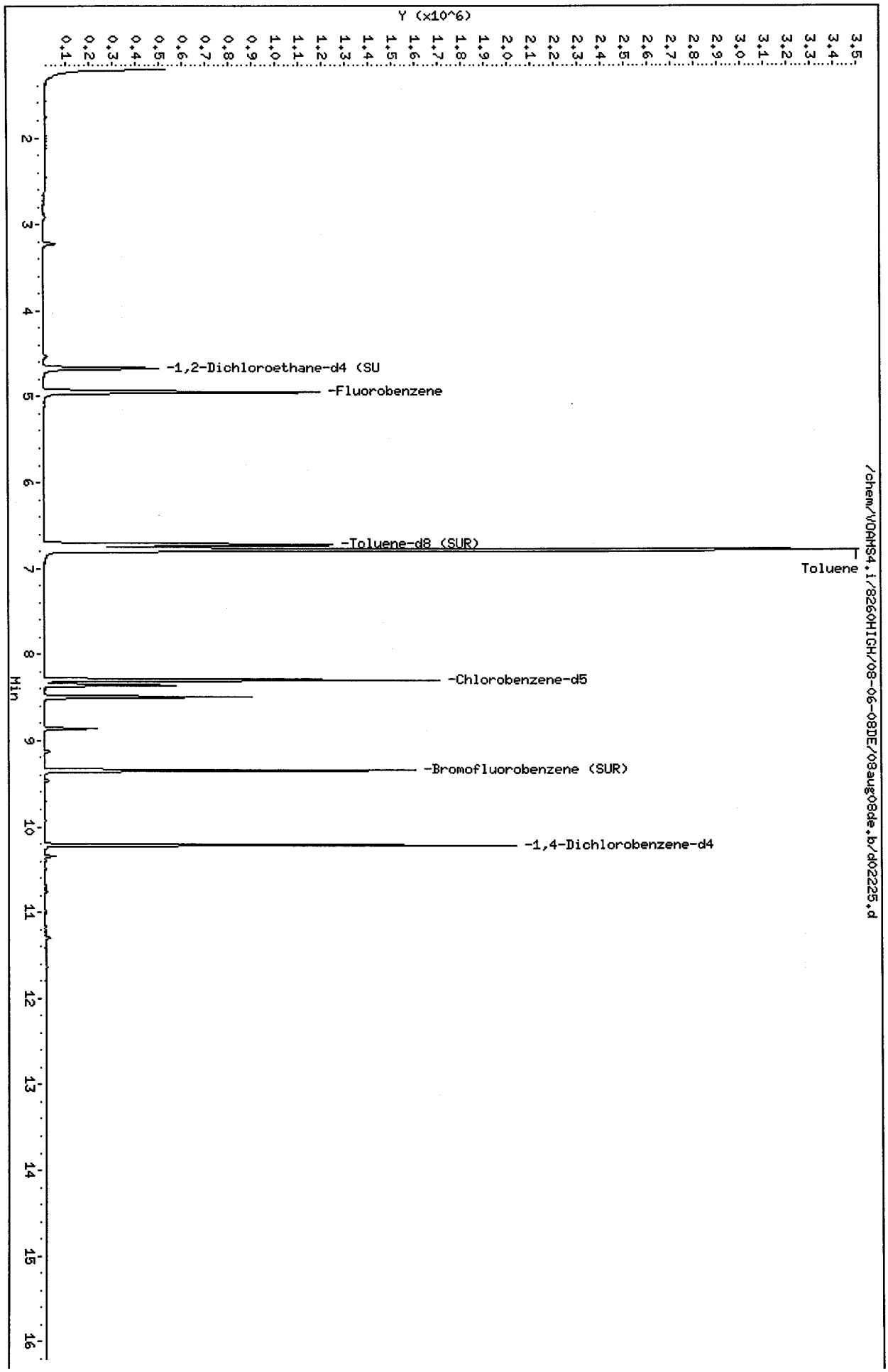
Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02225.d
Lab Smp Id: 940363D1 Client Smp ID: 080508-10D1
Inj Date : 08-AUG-2008 10:50
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940363D1;5
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 10:54 pritch Quant Type: ISTD
Cal Date : 08-AUG-2008 05:26 Cal File: d02212.d
Als bottle: 14
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: Tol.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	378499	50.1955	50
* 19 Fluorobenzene	96	4.950	4.950	(1.000)	949939	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.721	(0.810)	791886	51.4272	51
38 Toluene	91	6.780	6.780	(0.817)	2598242	122.522	610
* 32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	680574	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	248045	53.4424	53
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.215	(1.000)	308985	50.0000	


Data File: /chem/VOAHS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02225.d
Date : 08-AUG-2008 10:50
Client ID: 080508-10D1
Sample Info: 940363D1;5
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAHS4.i
Operator: VOAHS 13
Column diameter: 0.18
Y (x10^6)
Min
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Toluene-d8 (SUR)
Toluene
-Chlorobenzene-d5
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
/chem/VOAHS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02225.d

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02225.d

Date : 08-AUG-2008 10:50

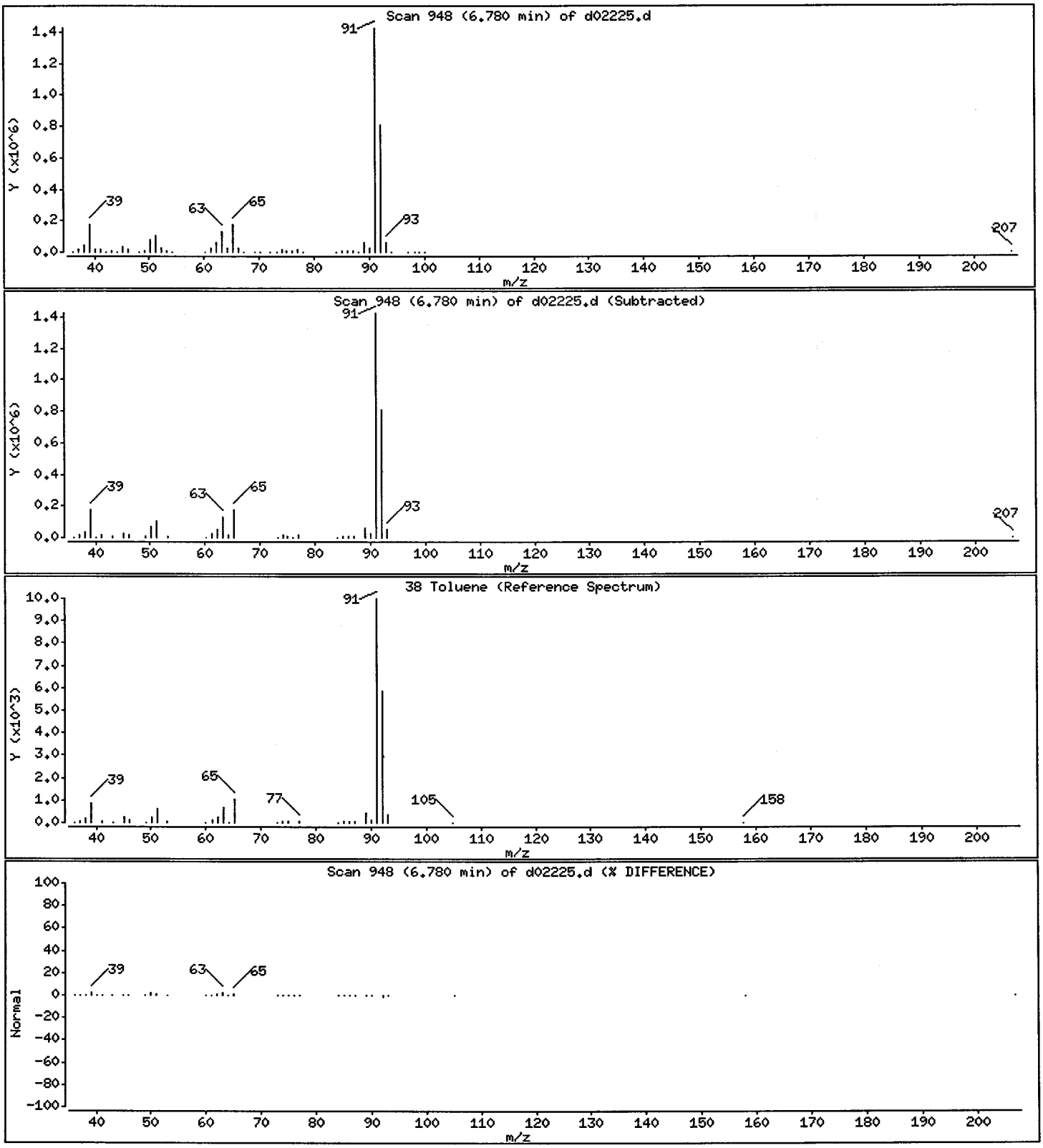
Client ID: 080508-10D1 Instrument: VOAMS4.i

Sample Info: 940363D1;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 610 ug/L



Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02381.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	4.0	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	*	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	140	4.0
Styrene	ND	5.0

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02381.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	410	5.0
Freon TF	ND	5.0
MTBE	0.3J	5.0
Cyclohexane	5.0	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	130	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	9.7	5.0

* see dilution

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02381.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Benzene, propyl-	9.46	210	
2.	Unknown Aromatic	10.34	280	
3.	Diethylbenzene isomer	10.39	43	
4.	Ethyldimethylbenzene isomer	10.68	88	
5.	C10H12 Aromatic	10.75	19	
6.	Tetramethylbenzene isomer	10.97	60	
7.	Unknown Aromatic	11.02	9.0	
8.	2,3-dihydro-methyl-1H-Indene isomer	11.16	38	
9.	Unknown Aromatic	11.29	180	
10.	Naphthalene	11.89	12	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 939

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d
Report Date: 19-Aug-2008 11:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d
Lab Smp Id: 940364 Client Smp ID: 080508-11
Inj Date : 15-AUG-2008 08:55
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940364
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

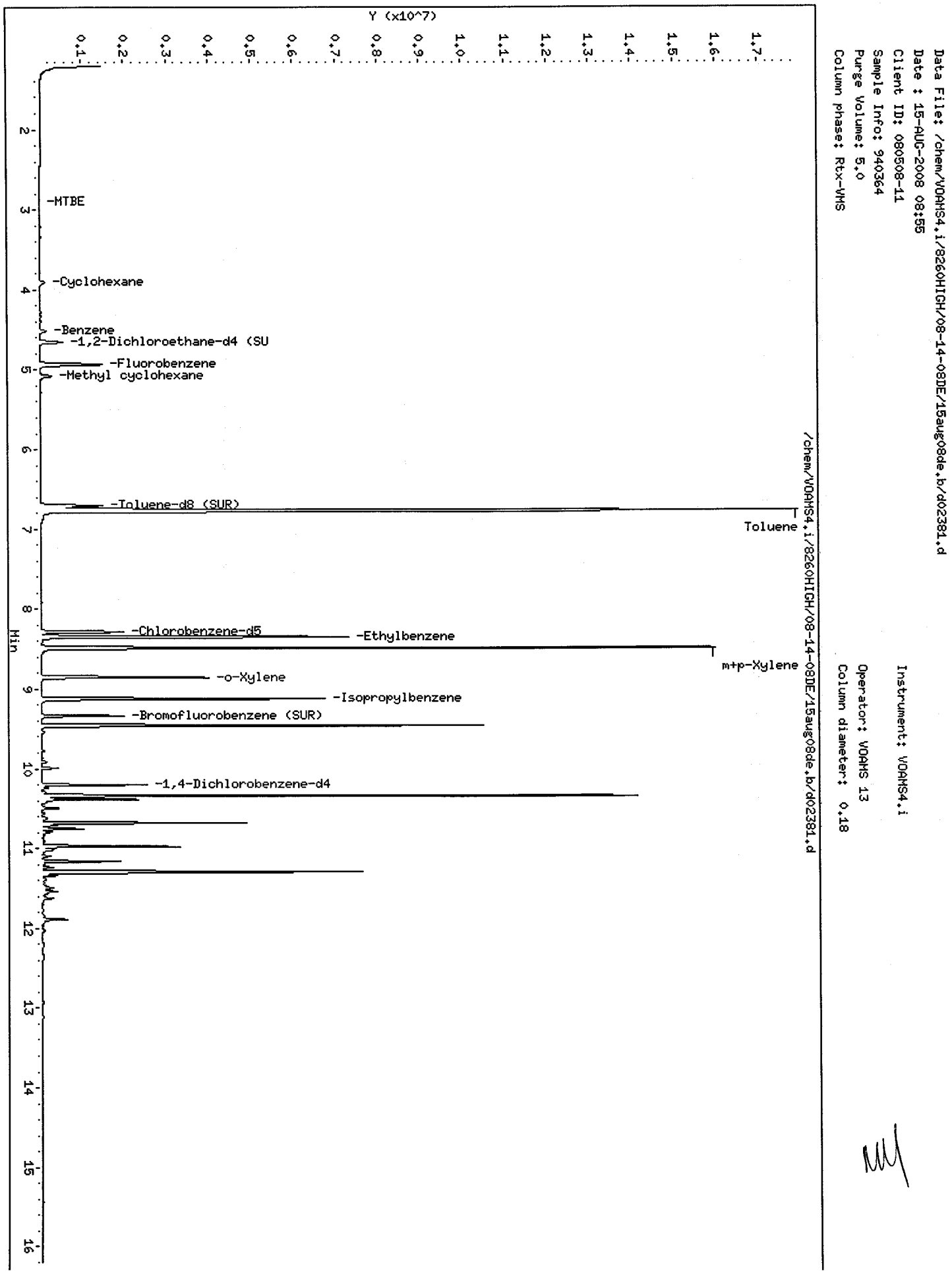
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
53 MTBE	73	2.903	2.903	(0.589)	6664	0.33520	0.34(a)
59 Cyclohexane	56	3.909	3.909	(0.792)	54803	5.00634	5.0
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	377587	51.8435	52
28 Benzene	78	4.515	4.515	(0.915)	110801	4.04306	4.0
* 19 Fluorobenzene	96	4.933	4.933	(1.000)	1266581	50.0000	
132 Methyl Cyclohexane	83	5.080	5.080	(1.030)	105730	9.71222	9.7
$ 37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	986624	52.1059	52
38 Toluene	91	6.768	6.768	(0.817)	13966978	531.417	530(A) X
* 32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	872834	50.0000	
40 Ethylbenzene	106	8.344	8.344	(1.007)	1277519	145.506	140
43 m+p-Xylene	106	8.485	8.485	(1.024)	3657750	329.361	330
44 o-Xylene	106	8.850	8.850	(1.068)	821188	79.0305	79
110 Isopropylbenzene	105	9.121	9.121	(1.101)	3498232	127.921	130
$ 41 Bromofluorobenzene (SUR)	174	9.332	9.338	(0.915)	358143	51.1567	51
* 91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	431913	50.0000	
M 45 Xylene (Total)	100				4478938	412.147	410

X See dilution

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d
Report Date: 19-Aug-2008 11:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d
Date : 15-AUG-2008 08:55
Client ID: 080508-11
Sample Info: 940364
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^7)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
-MTBE
-Cyclohexane
-Benzene
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Methyl cyclohexane
-Toluene-d8 (SUR)
Toluene
-Chlorobenzene-d5
-Ethylbenzene
m+p-Xylene
-o-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d
Min
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

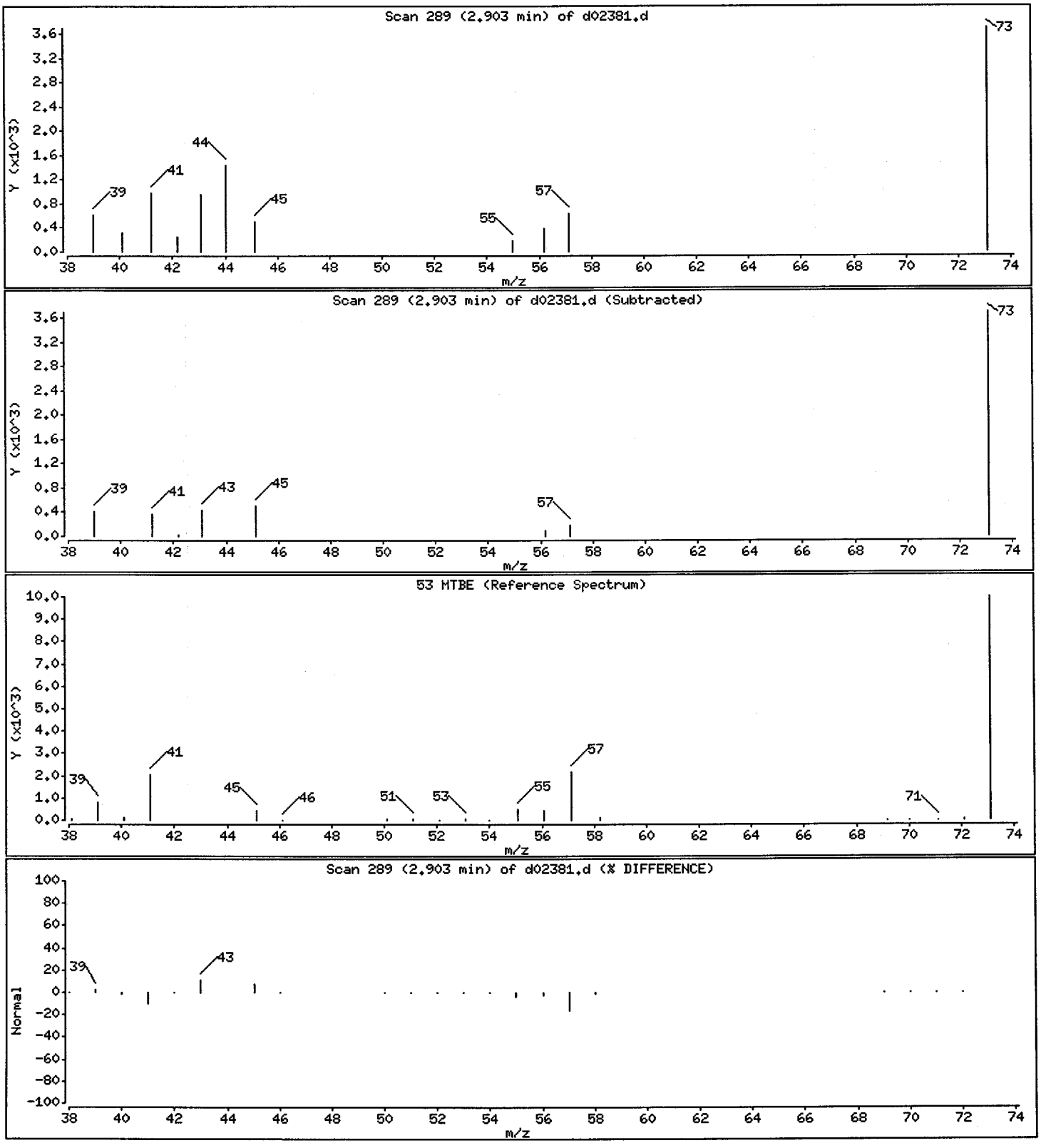
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 0.34 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

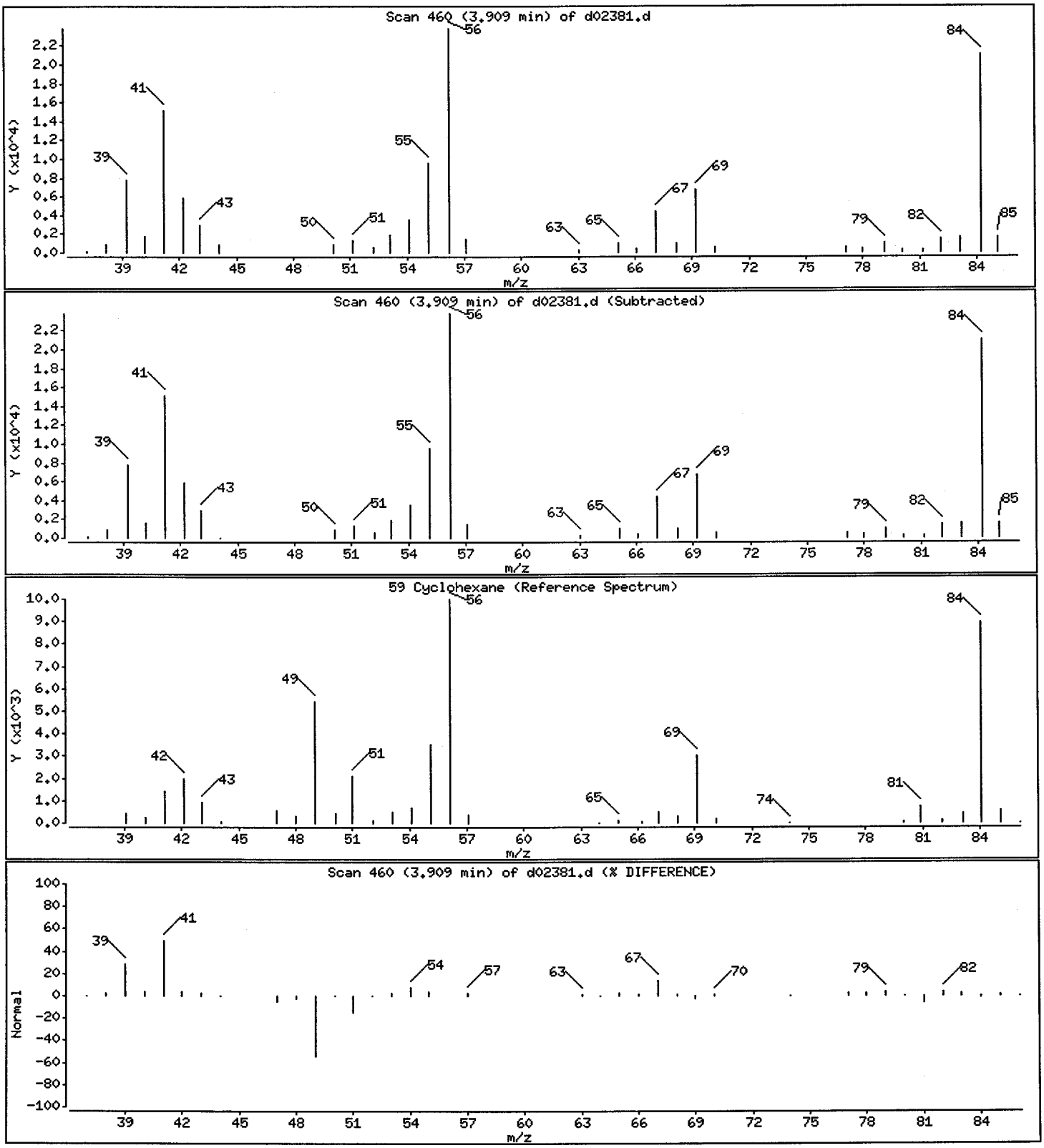
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

59 Cyclohexane Concentration: 5.0 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

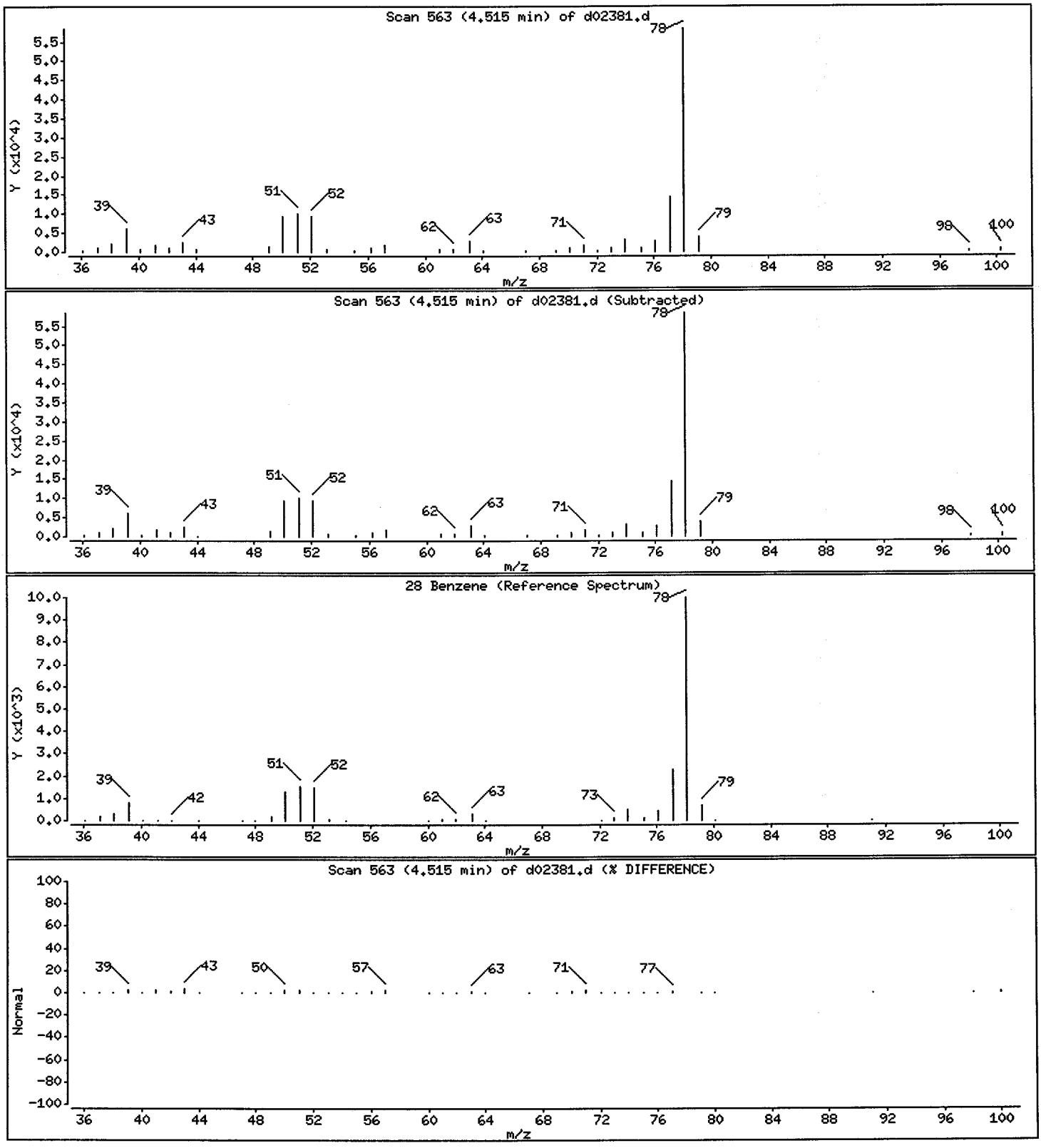
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 4.0 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

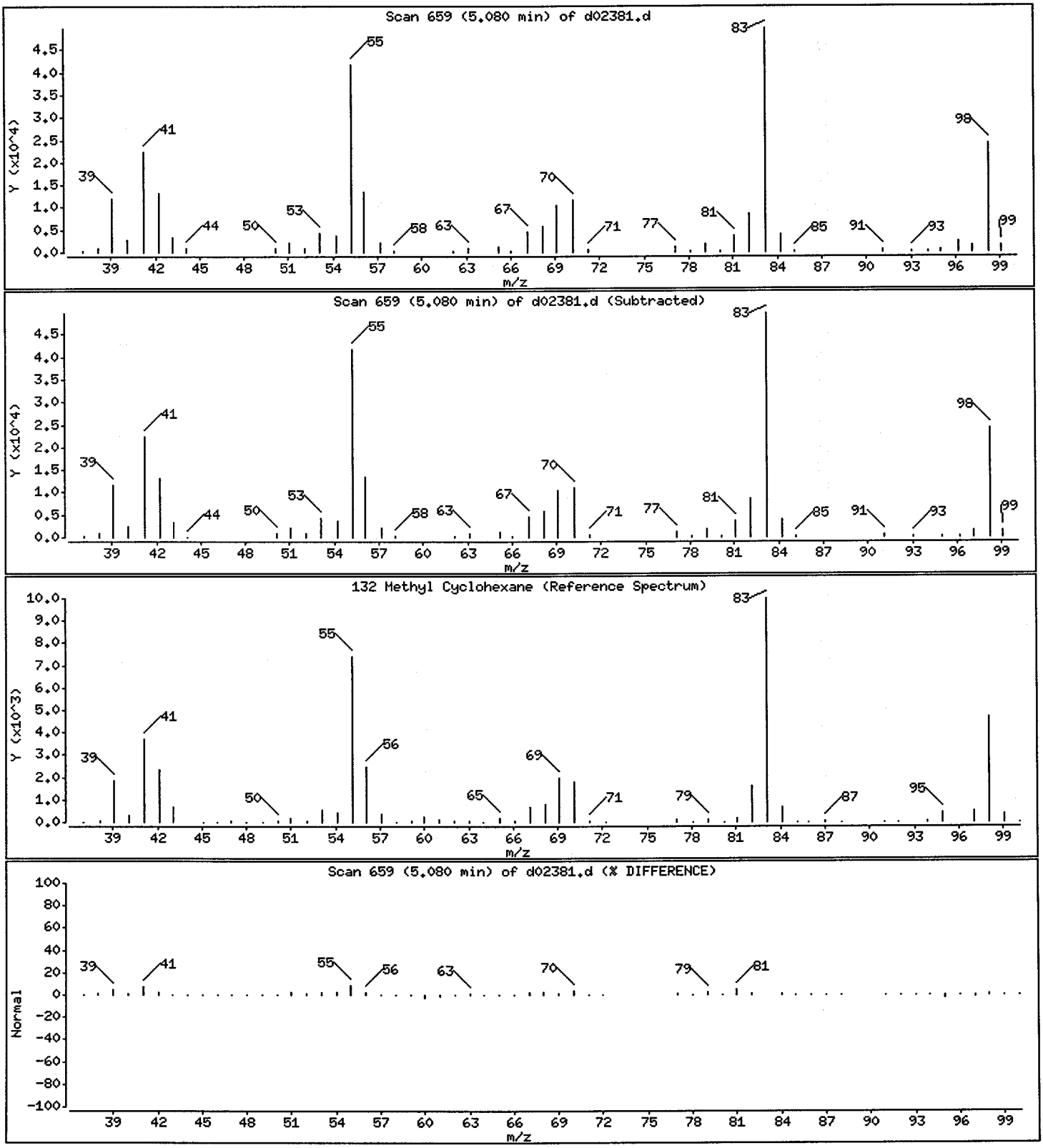
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

132 Methyl Cyclohexane Concentration: 9.7 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

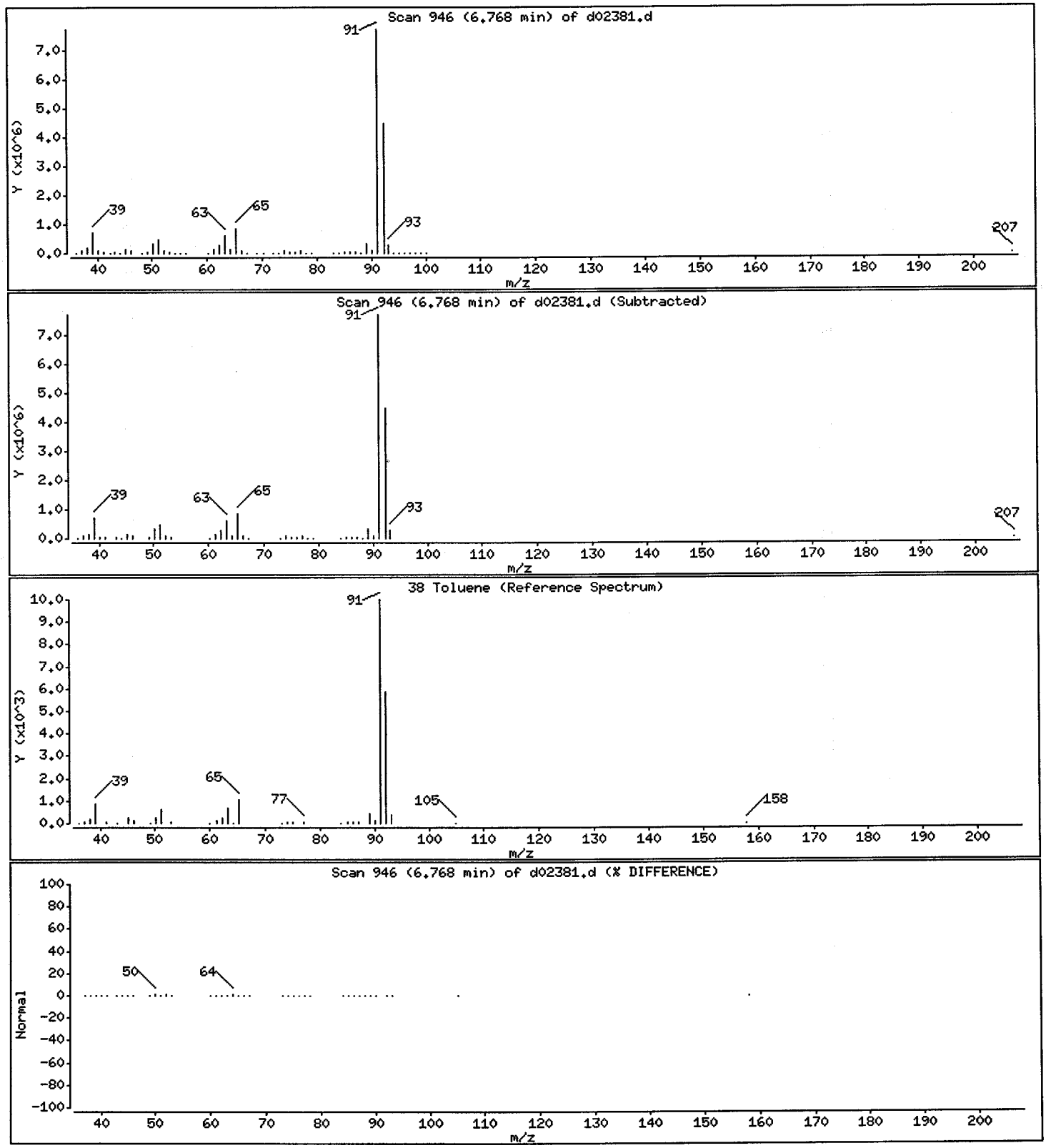
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 530 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

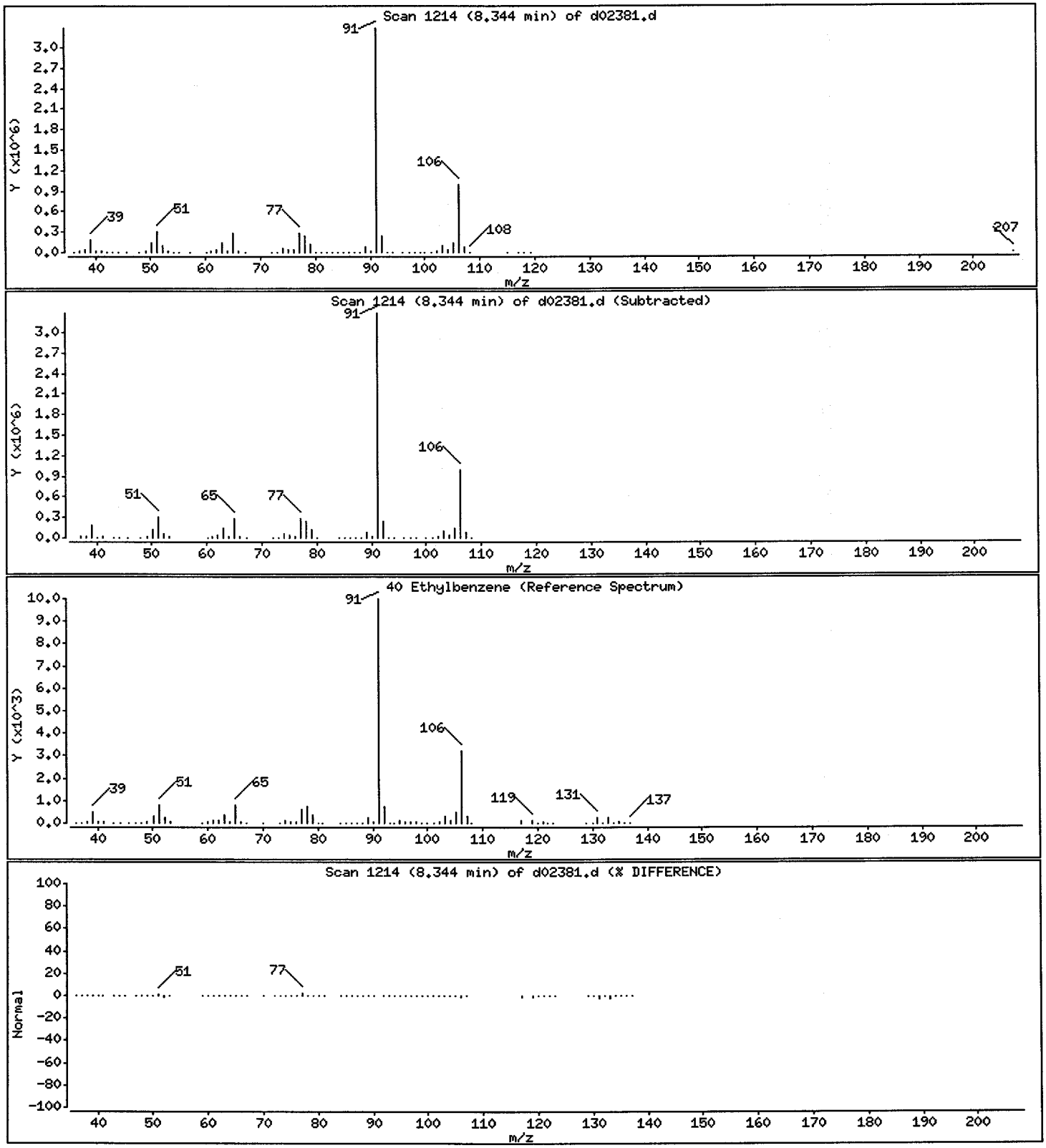
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 140 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

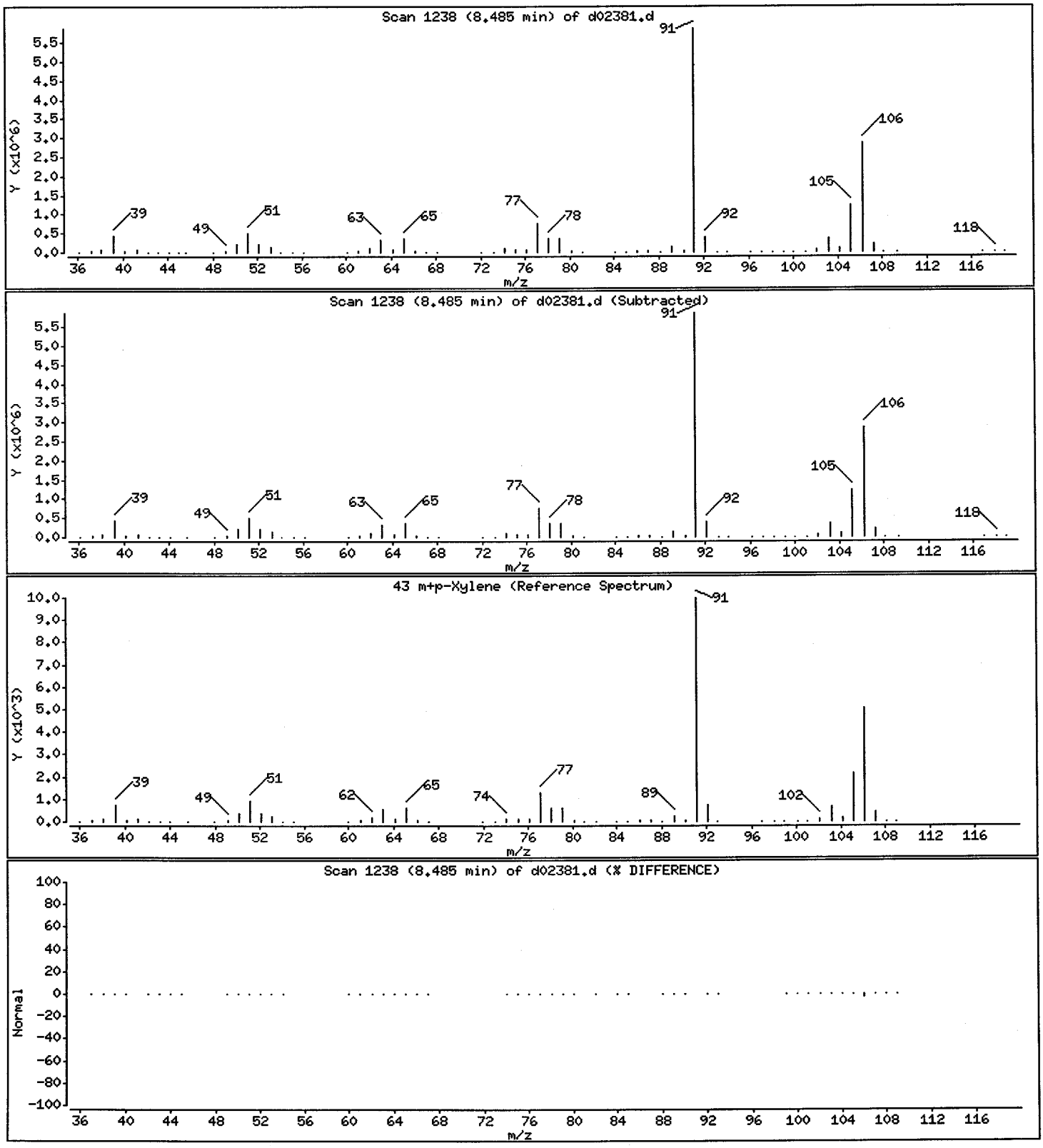
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 330 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

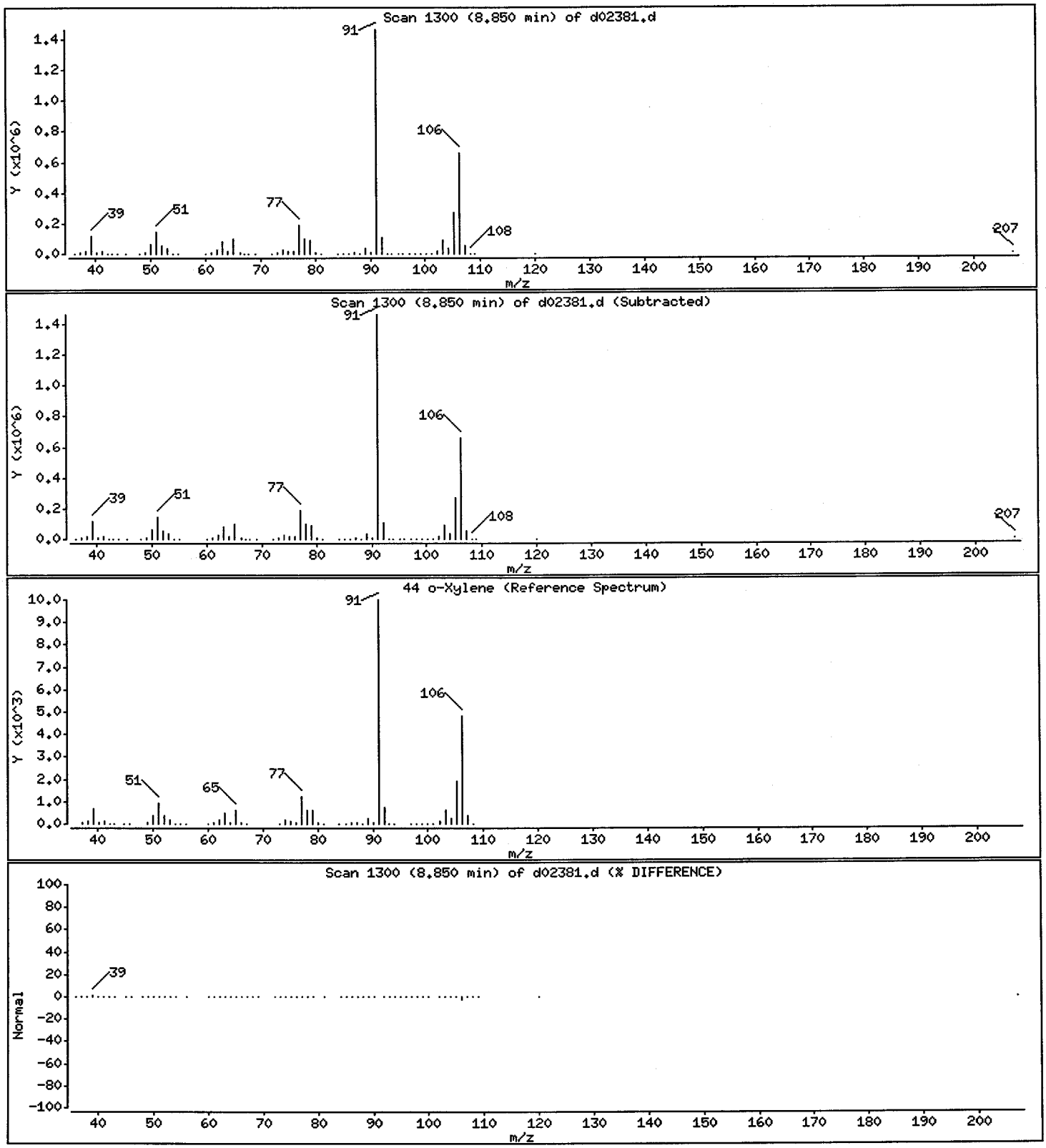
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 79 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

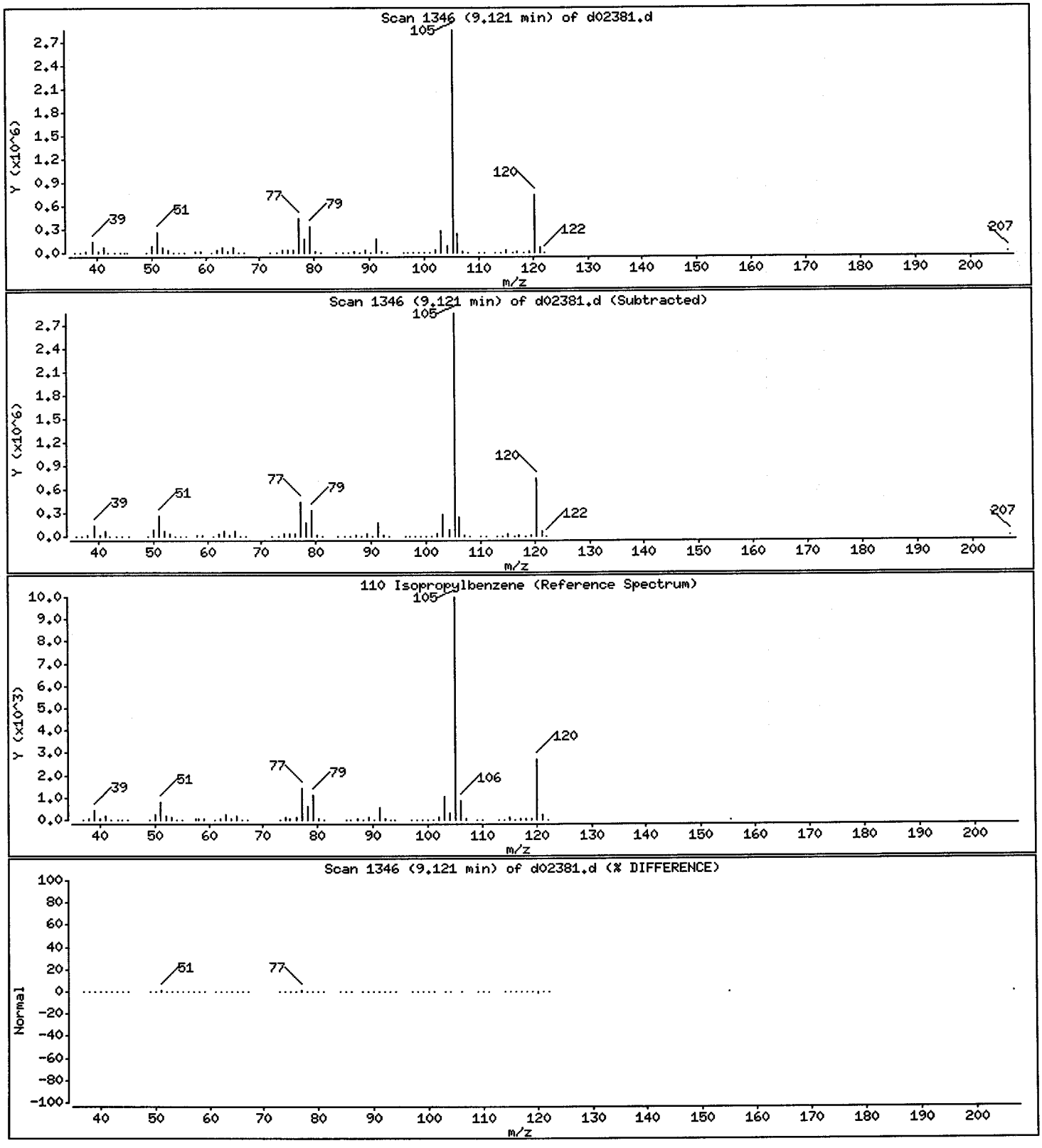
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 130 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

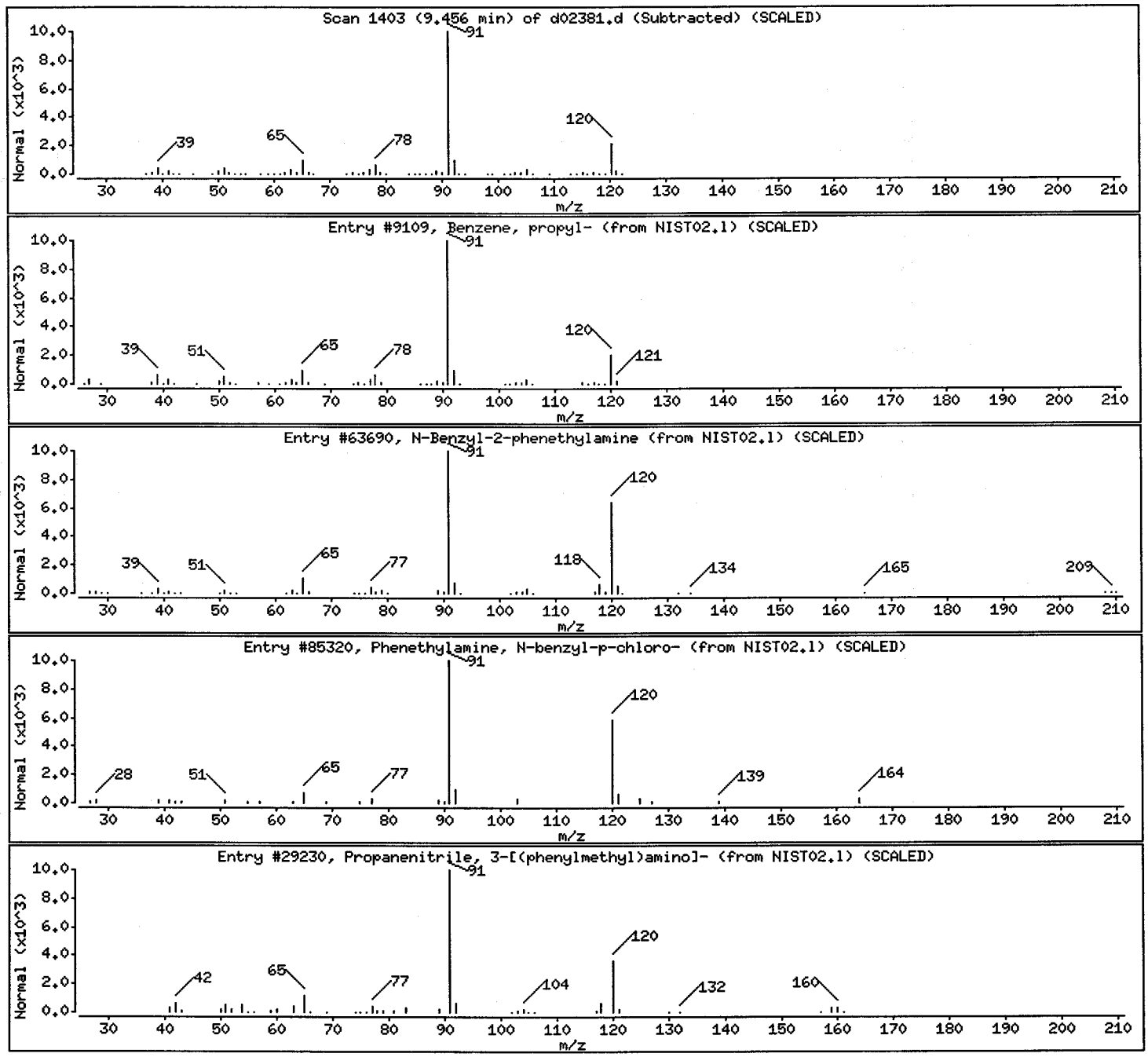
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9109	91	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.l	63690	74	C15H17N	211
Phenethylamine, N-benzyl-p-chloro-	13622-43-0	NIST02.l	85320	72	C15H16ClN	245
Propanenitrile, 3-[(phenylmethyl)amino]-	706-03-6	NIST02.l	29230	72	C10H12N2	160



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

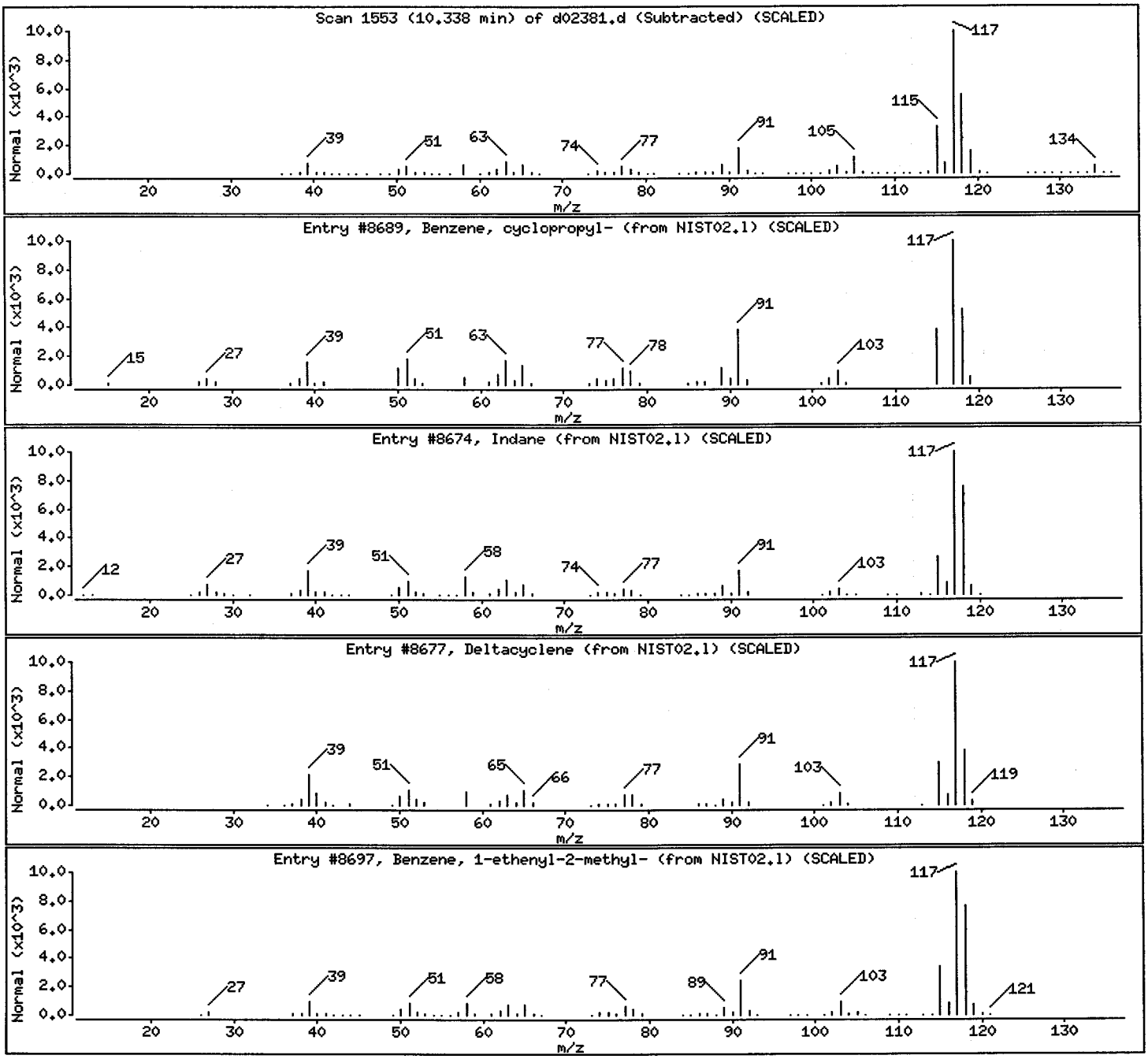
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, cyclopropyl-	873-49-4	NIST02.l	8689	93	C9H10	118
Indane	496-11-7	NIST02.l	8674	76	C9H10	118
Deltacyclene	7785-10-6	NIST02.l	8677	58	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.l	8697	55	C9H10	118



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

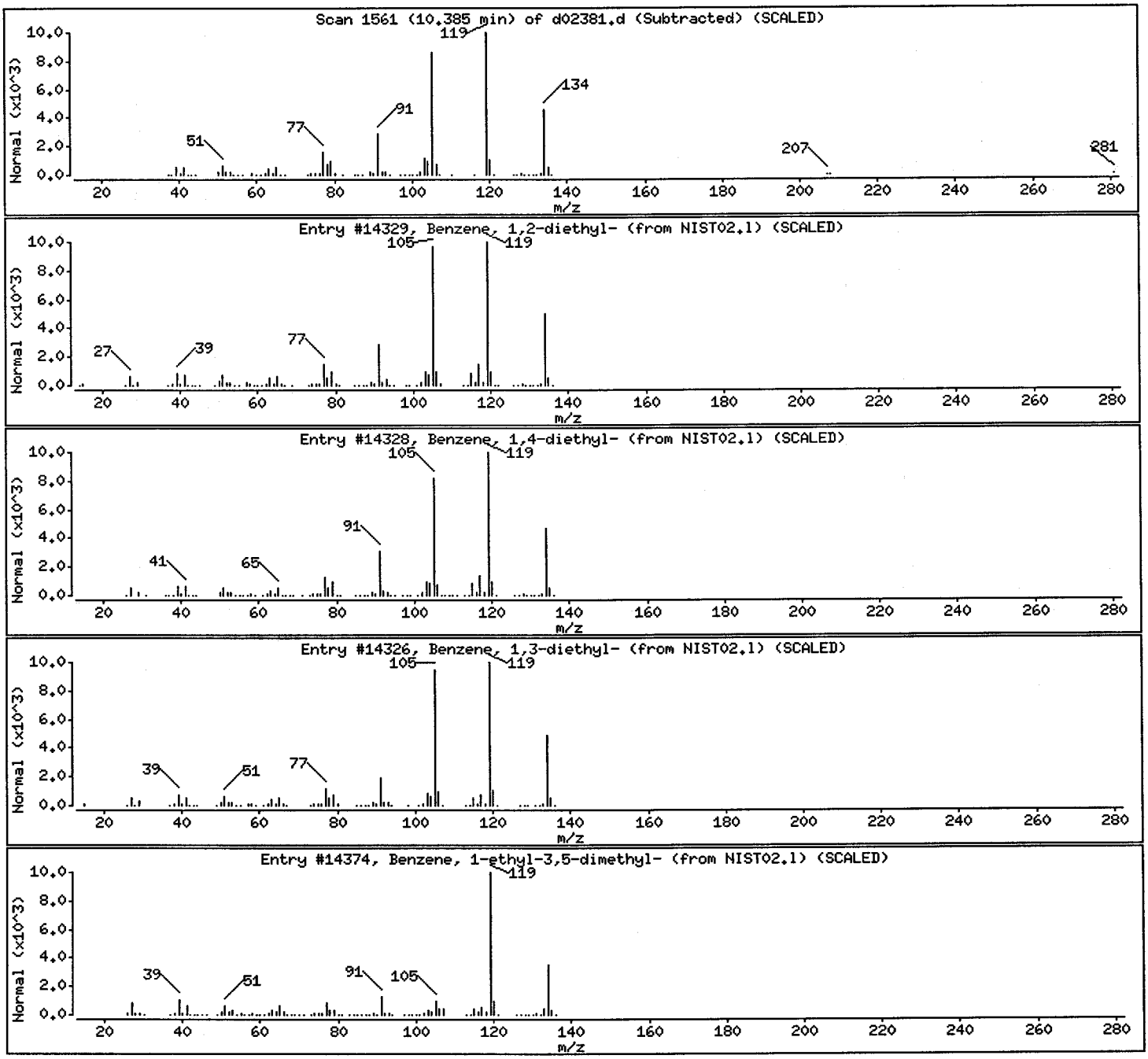
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	94	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	94	C10H14	134
Benzene, 1,3-diethyl-	141-93-5	NIST02.l	14326	91	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14374	80	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

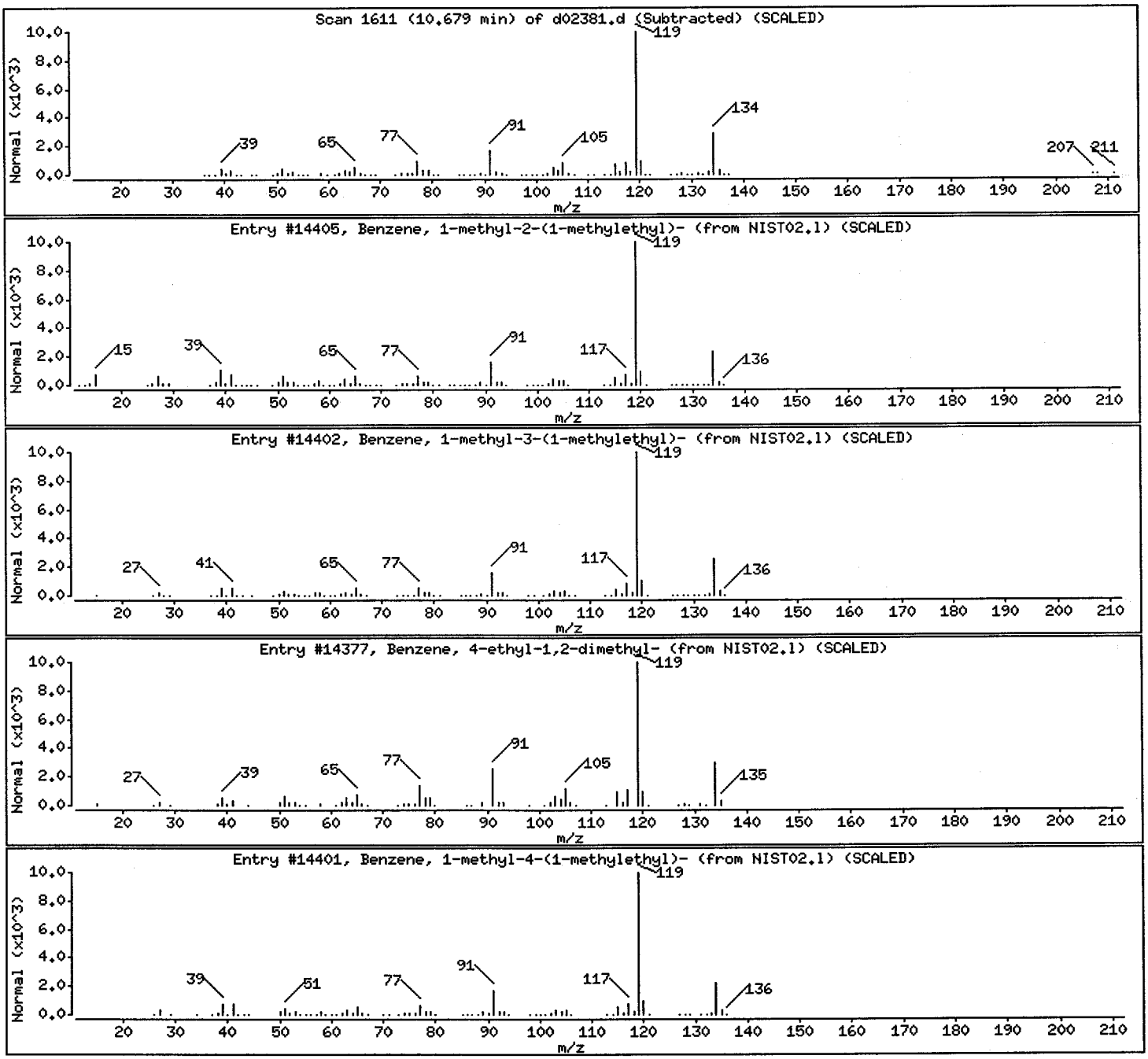
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14405	97	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.l	14402	97	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.l	14401	95	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

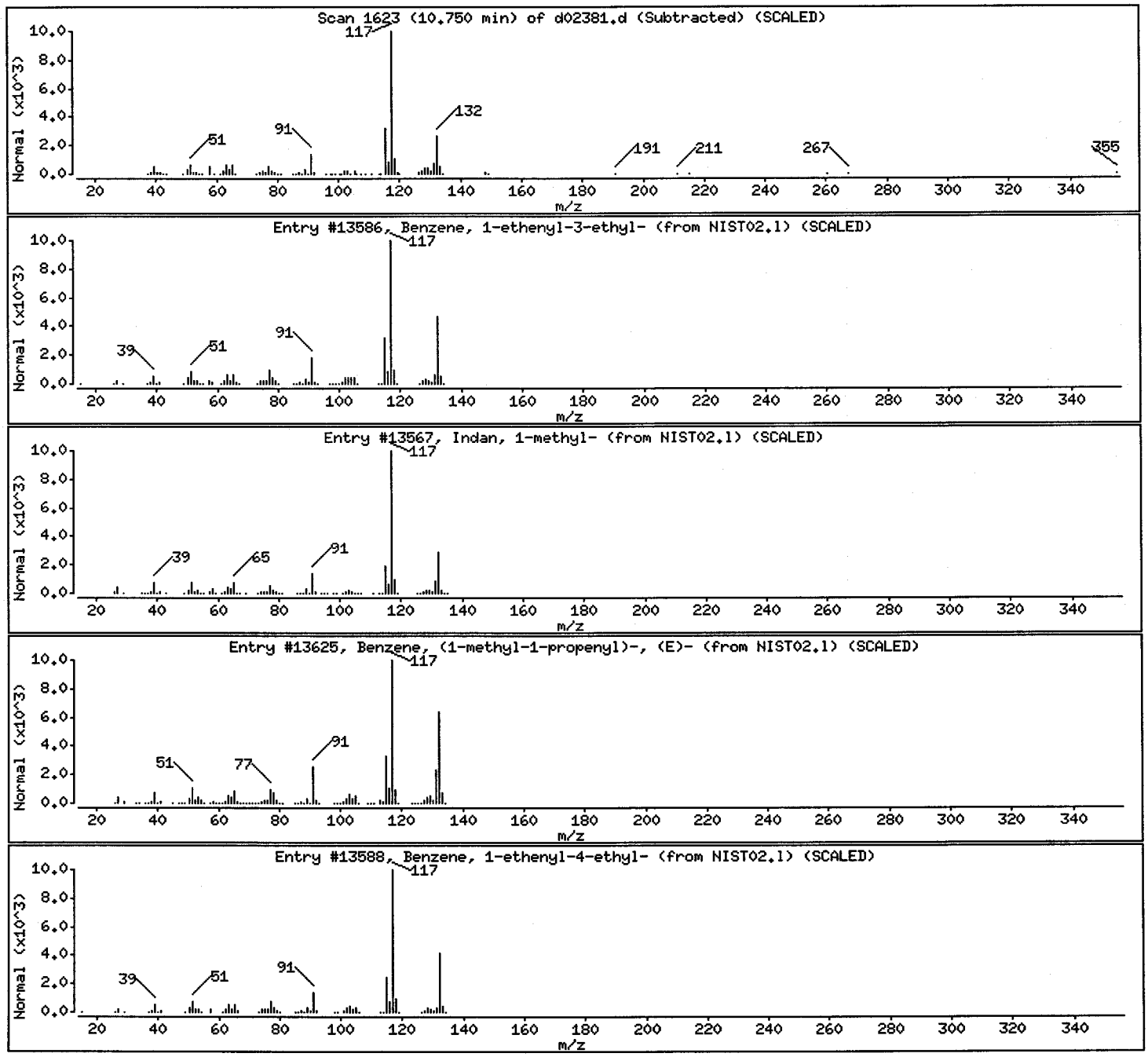
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic		NIST02.l	13586	91	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.l	13567	87	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (E)-	768-00-3	NIST02.l	13625	86	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	86	C10H12	132



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

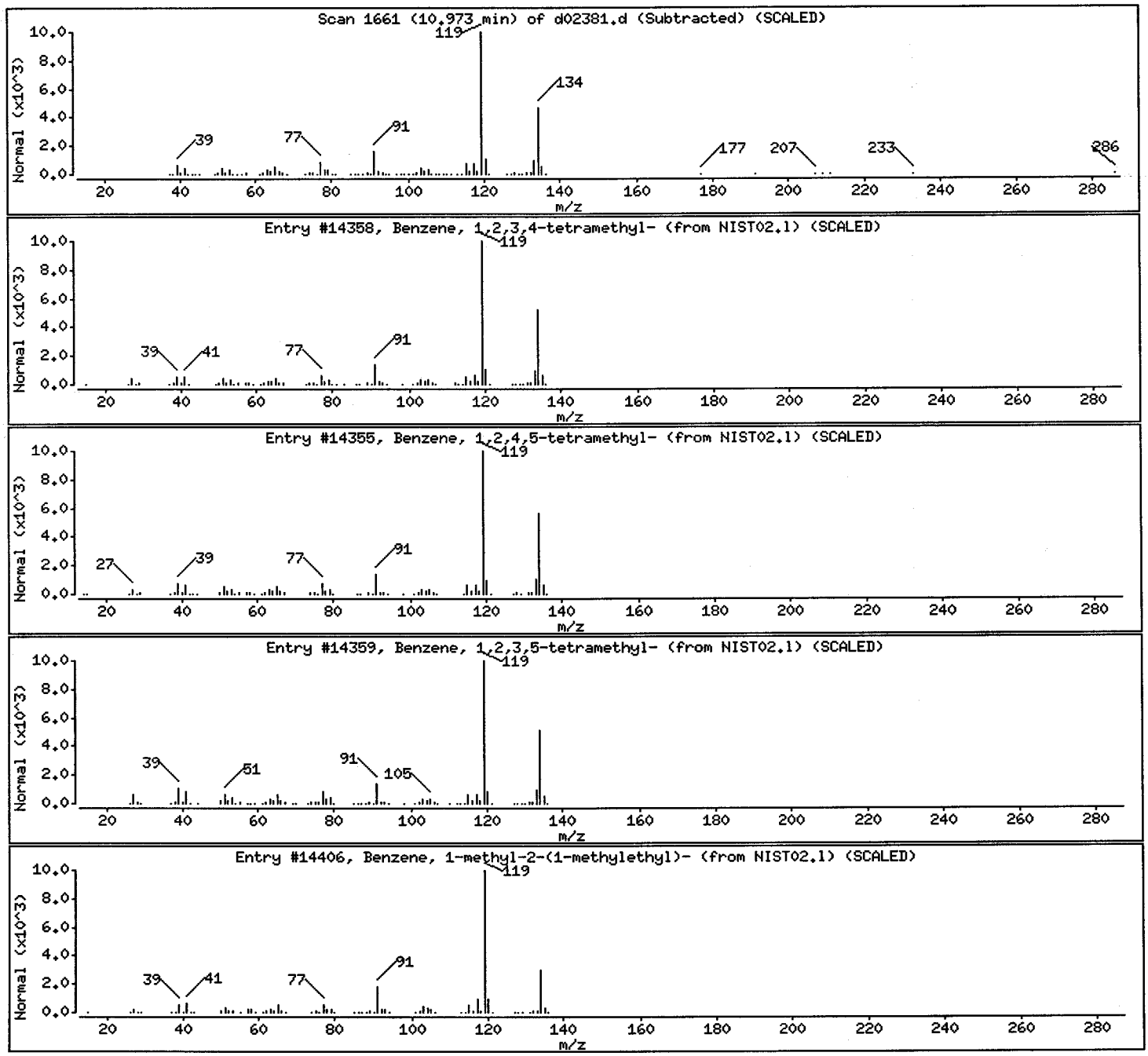
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	97	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	97	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14359	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	94	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

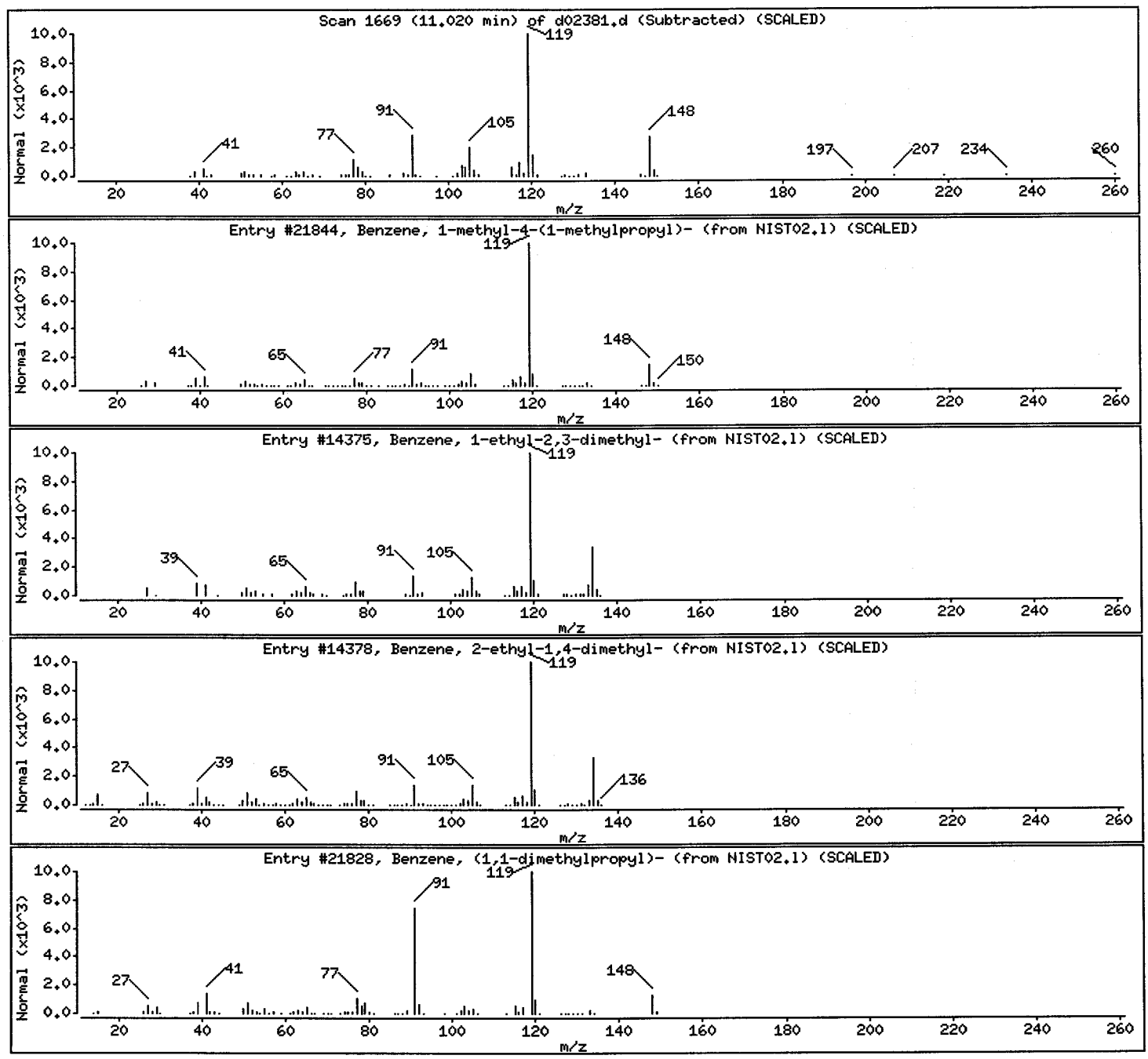
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.l	21844	90	C11H16	148
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14375	80	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14378	72	C10H14	134
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.l	21828	59	C11H16	148



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

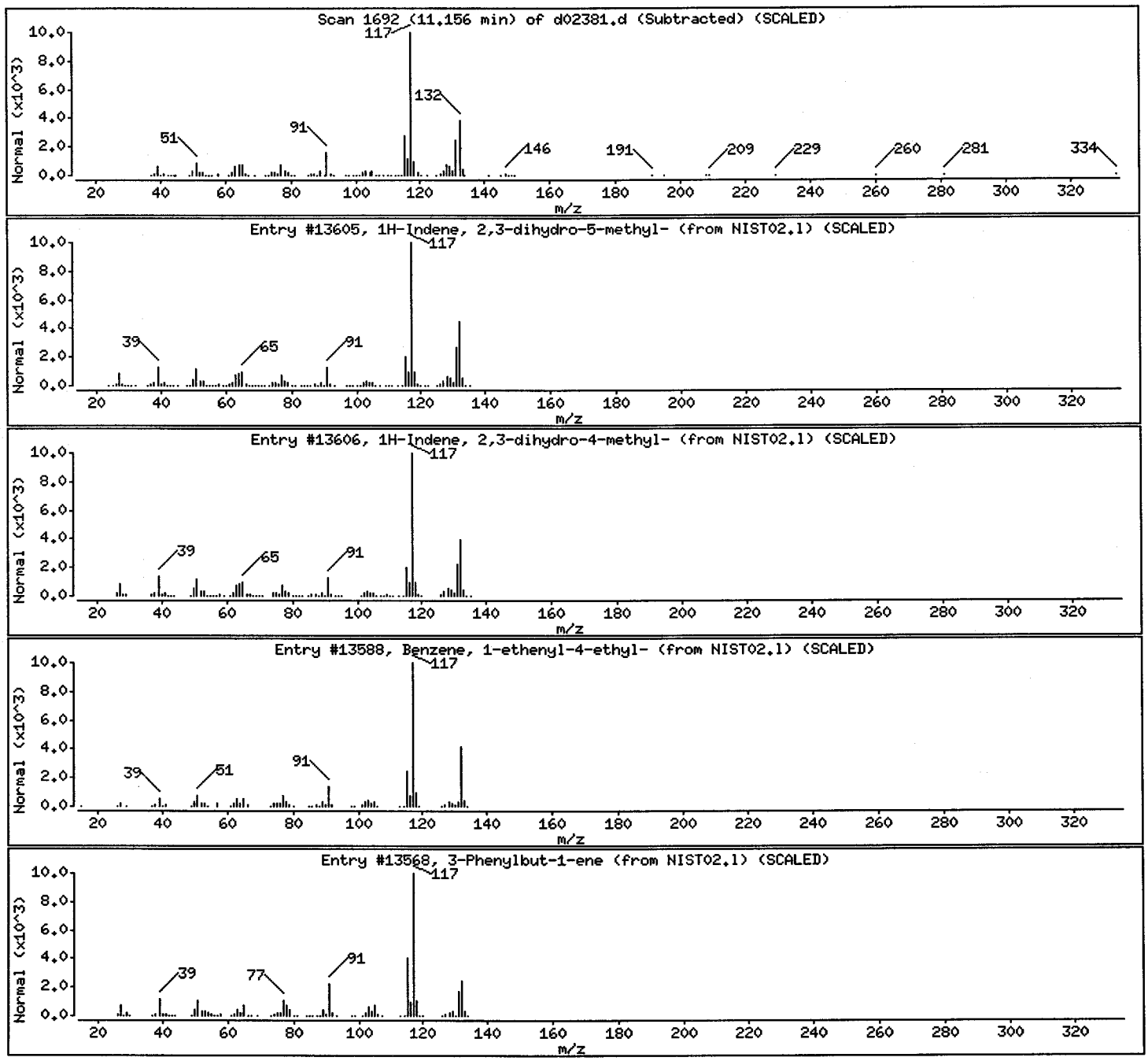
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isomer						
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	94	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	91	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	90	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	87	C10H12	132



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

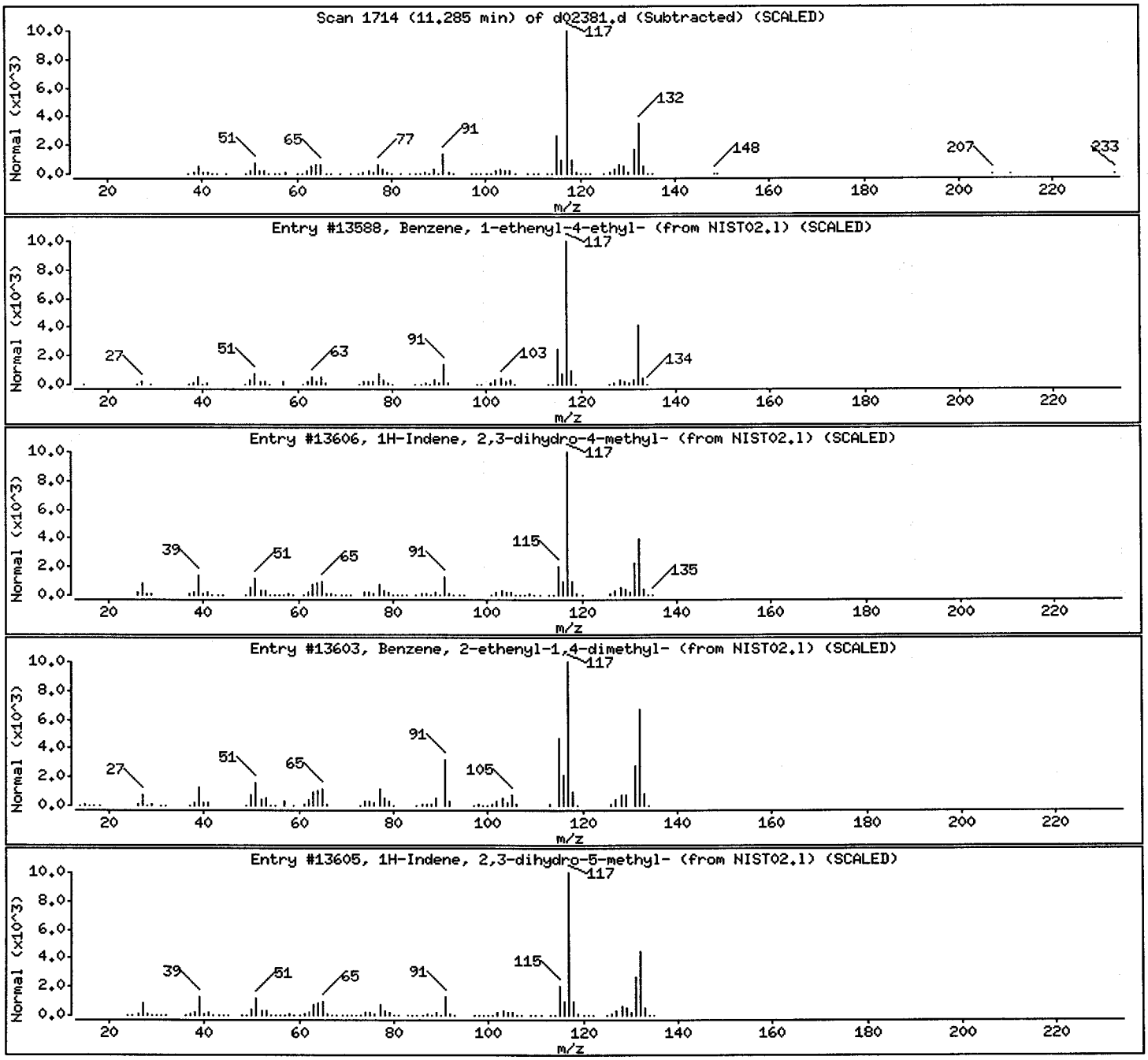
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	93	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	92	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	91	C10H12	132



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02381.d

Date : 15-AUG-2008 08:55

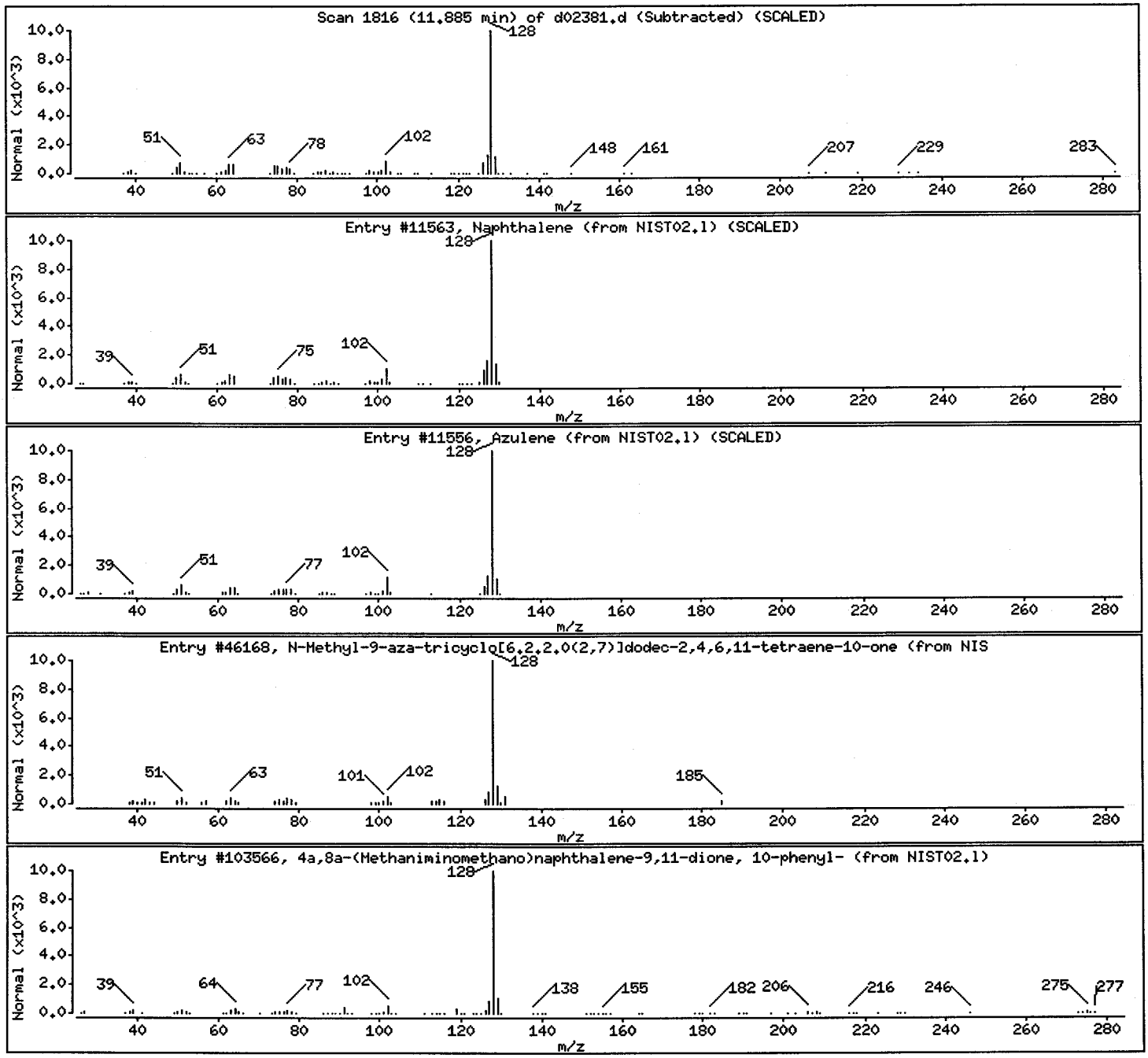
Client ID: 080508-11 Instrument: VOAMS4.i

Sample Info: 940364

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.l	11563	97	C10H8	128
Azulene	275-51-4	NIST02.l	11556	94	C10H8	128
N-Methyl-9-aza-tricyclo[6.2.2.0(2,7)]dod	13131-19-6	NIST02.l	46168	78	C12H11NO	185
4a,8a-(Methaniminomethano)naphthalene-9,	69915-10-2	NIST02.l	103566	74	C18H13NO2	275



Client ID: **080508-11D1**
Site: GM Wilmington-17338

Lab Sample No: **940364D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02180.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	720	25

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02180.d
Report Date: 19-Aug-2008 11:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02180.d
Lab Smp Id: 940364D1 Client Smp ID: 080508-11D1
Inj Date : 07-AUG-2008 14:19
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940364D1;5
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 19
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: Tol.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

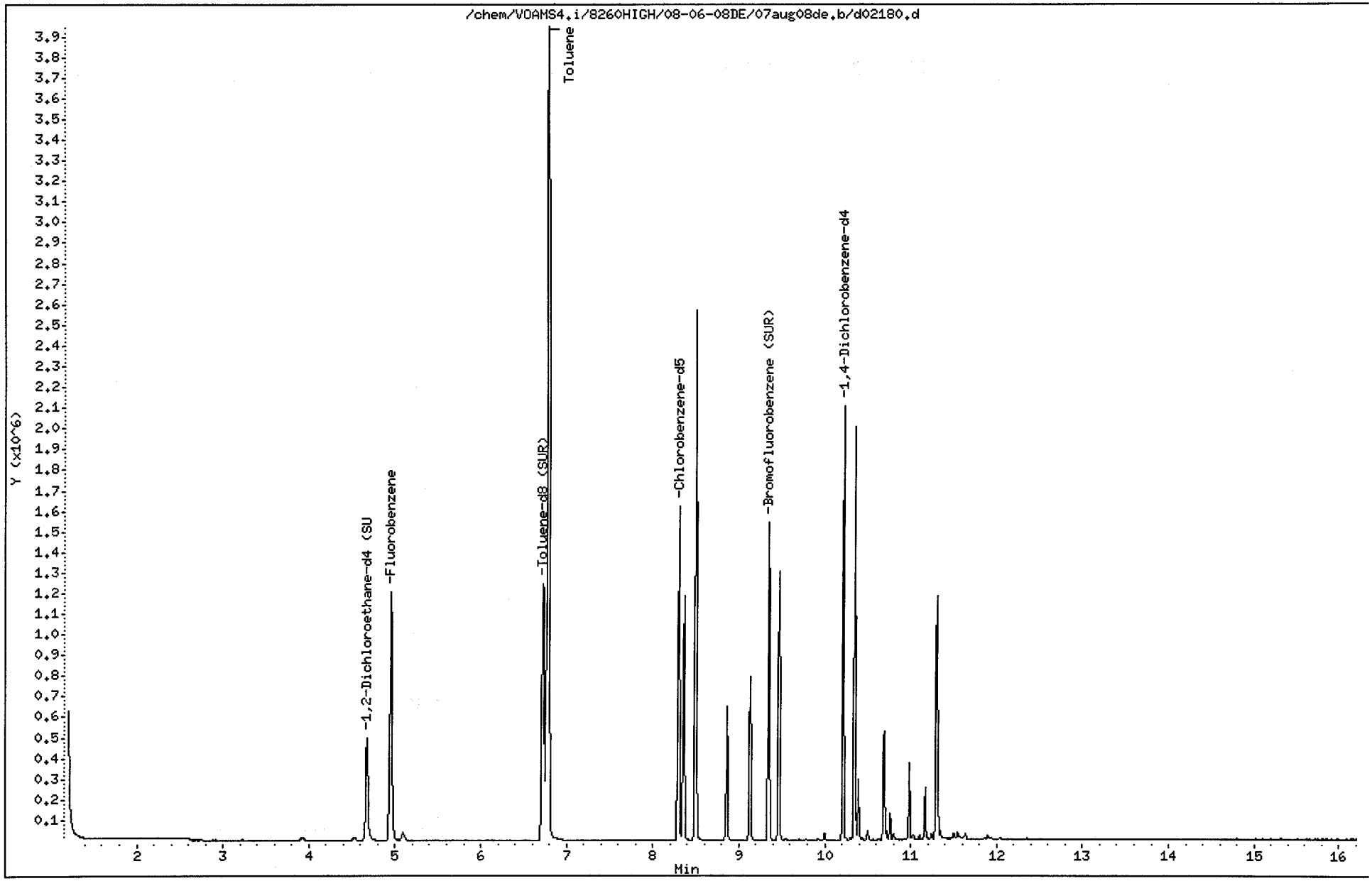
Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.943)	376439	49.2713	49
* 19 Fluorobenzene	96	4.950	4.944	(1.000)	978332	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.715	(0.810)	796532	53.4582	53
38 Toluene	91	6.780	6.780	(0.817)	2931560	143.743	720
* 32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	672111	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	254919	57.1078	57
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	319065	50.0000	

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02180.d
Date : 07-AUG-2008 14:19
Client ID: 080508-11D1
Sample Info: 940364D1;5
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18



385
TestAmerica Edison
X765

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02180.d

Date : 07-AUG-2008 14:19

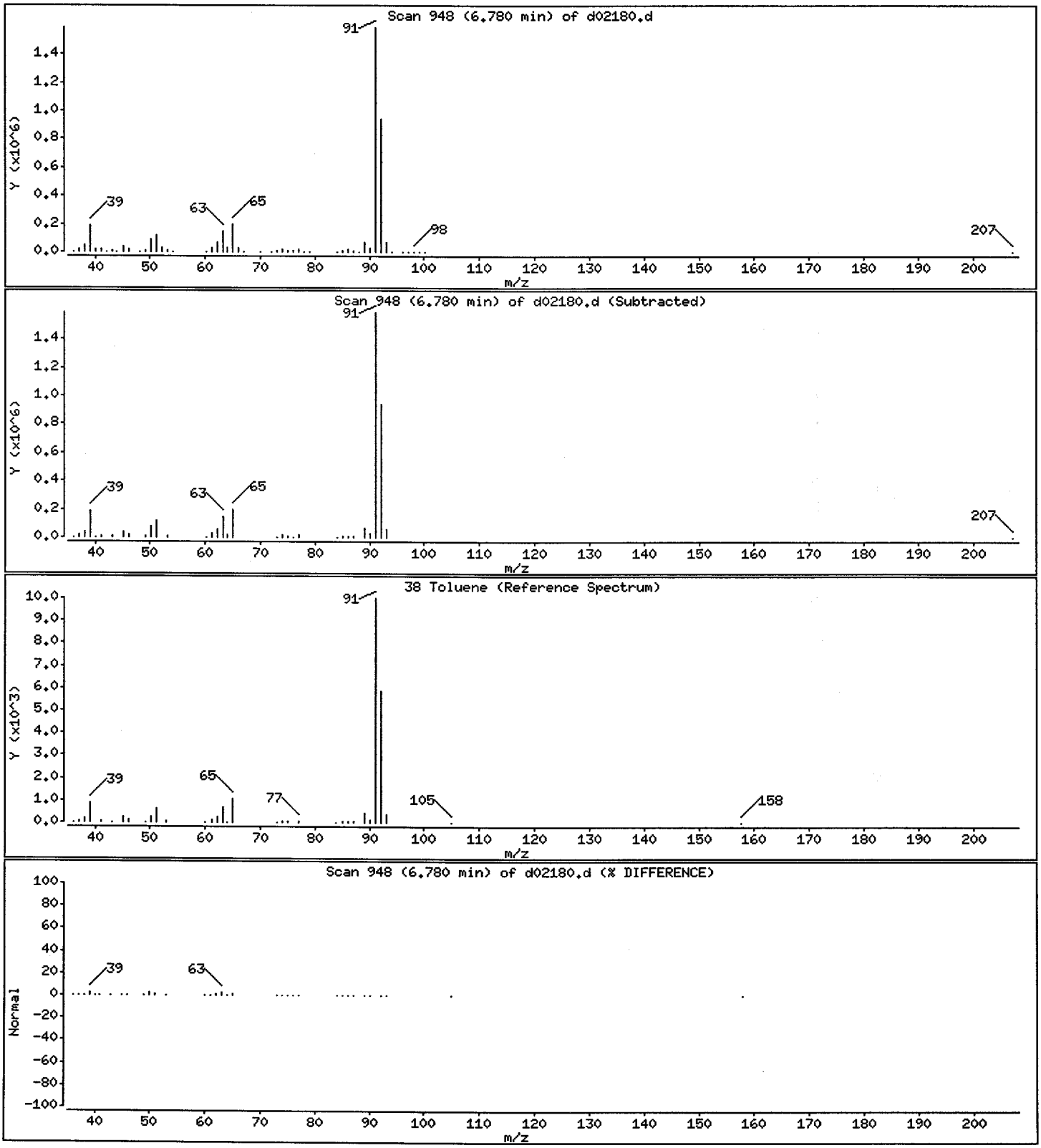
Client ID: 080508-11D1 Instrument: VOAMS4.i

Sample Info: 940364D1;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 720 ug/L



Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02388.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	1.7	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	*	5.0
Chlorobenzene	*	5.0
Ethylbenzene	92	4.0
Styrene	ND	5.0

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02388.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	150	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	0.4J	5.0
1,4-Dichlorobenzene	1.7J	5.0
1,2-Dichlorobenzene	0.6J	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	0.5J	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

* see dilution

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02388.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d
Report Date: 19-Aug-2008 11:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d
Lab Smp Id: 940365 Client Smp ID: 080508-12
Inj Date : 15-AUG-2008 11:51
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940365
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

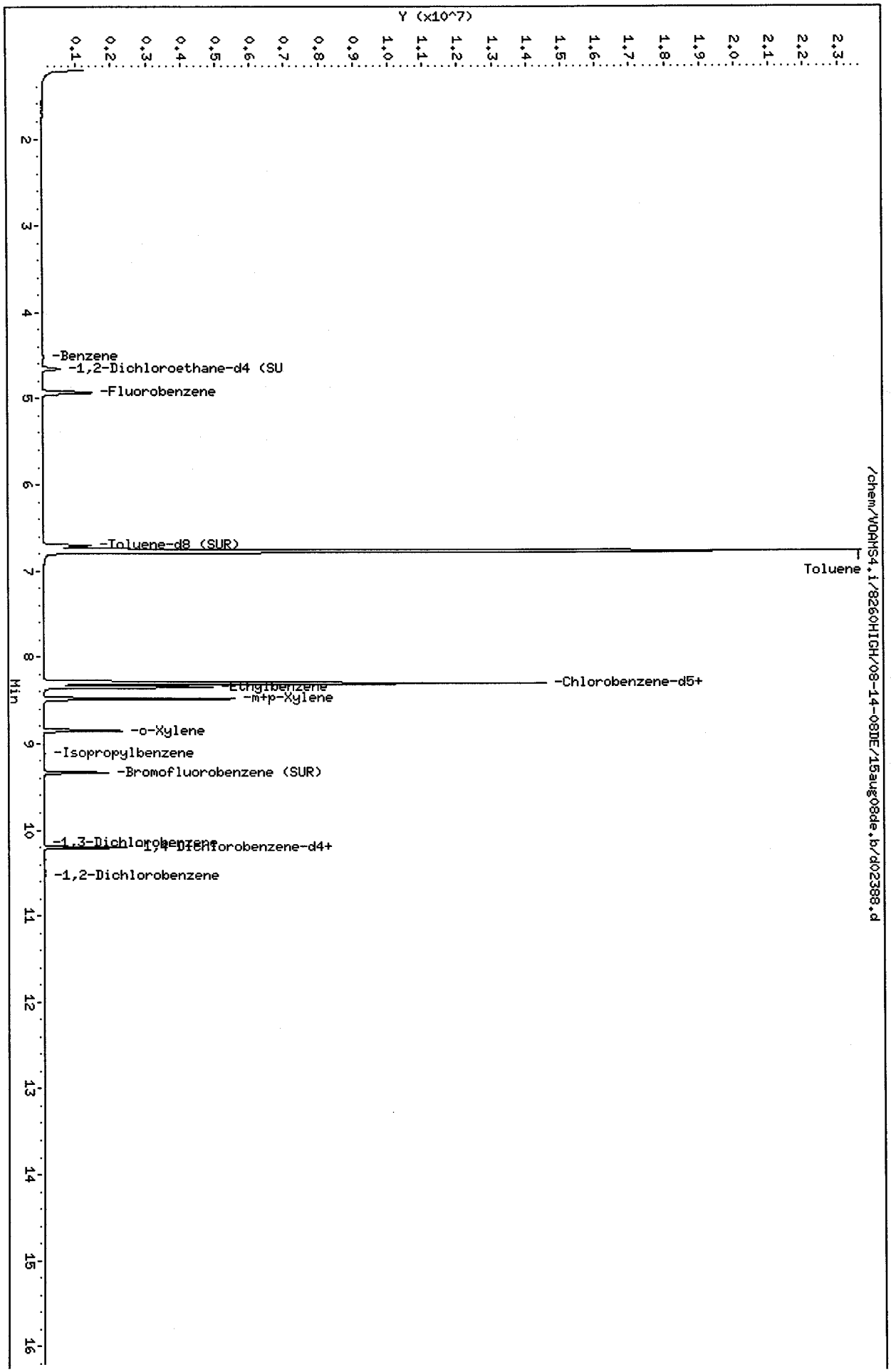
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	362408	51.0922	51
	28 Benzene	78	4.521	4.515	(0.917)	44409	1.66386	1.7
*	19 Fluorobenzene	96	4.933	4.933	(1.000)	1233539	50.0000	
$	37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	943095	48.0552	48
	38 Toluene	91	6.762	6.768	(0.816)	17648540	647.875	650(A) *
*	32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	904653	50.0000	
	39 Chlorobenzene	112	8.297	8.297	(1.001)	6191246	348.211	350(A) *
	40 Ethylbenzene	106	8.344	8.344	(1.007)	839876	92.2947	92
	43 m+p-Xylene	106	8.479	8.485	(1.023)	1241440	107.853	110
	44 o-Xylene	106	8.850	8.850	(1.068)	463774	43.0634	43
	110 Isopropylbenzene	105	9.121	9.121	(1.101)	13849	0.48861	0.49(a)
$	41 Bromofluorobenzene (SUR)	174	9.332	9.338	(0.915)	338414	52.4034	52
	67 1,3-Dichlorobenzene	146	10.144	10.144	(0.994)	4913	0.40404	0.40(a)
*	91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	398411	50.0000	
	68 1,4-Dichlorobenzene	146	10.215	10.215	(1.001)	21514	1.69700	1.7(a)
	69 1,2-Dichlorobenzene	146	10.526	10.526	(1.032)	7541	0.63881	0.64(a)
M	45 Xylene (Total)	100				1705214	151.393	150

* See dilution

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d
Report Date: 19-Aug-2008 11:40

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.


Y (x10^7)
Min
-Benzene
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Toluene-d8 (SUR)
Toluene
-Chlorobenzene-d5+
-Ethylbenzene
-m+p-Xylene
-o-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d
Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d
Date : 15-AUG-2008 11:51
Client ID: 080508-12
Sample Info: 940365
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

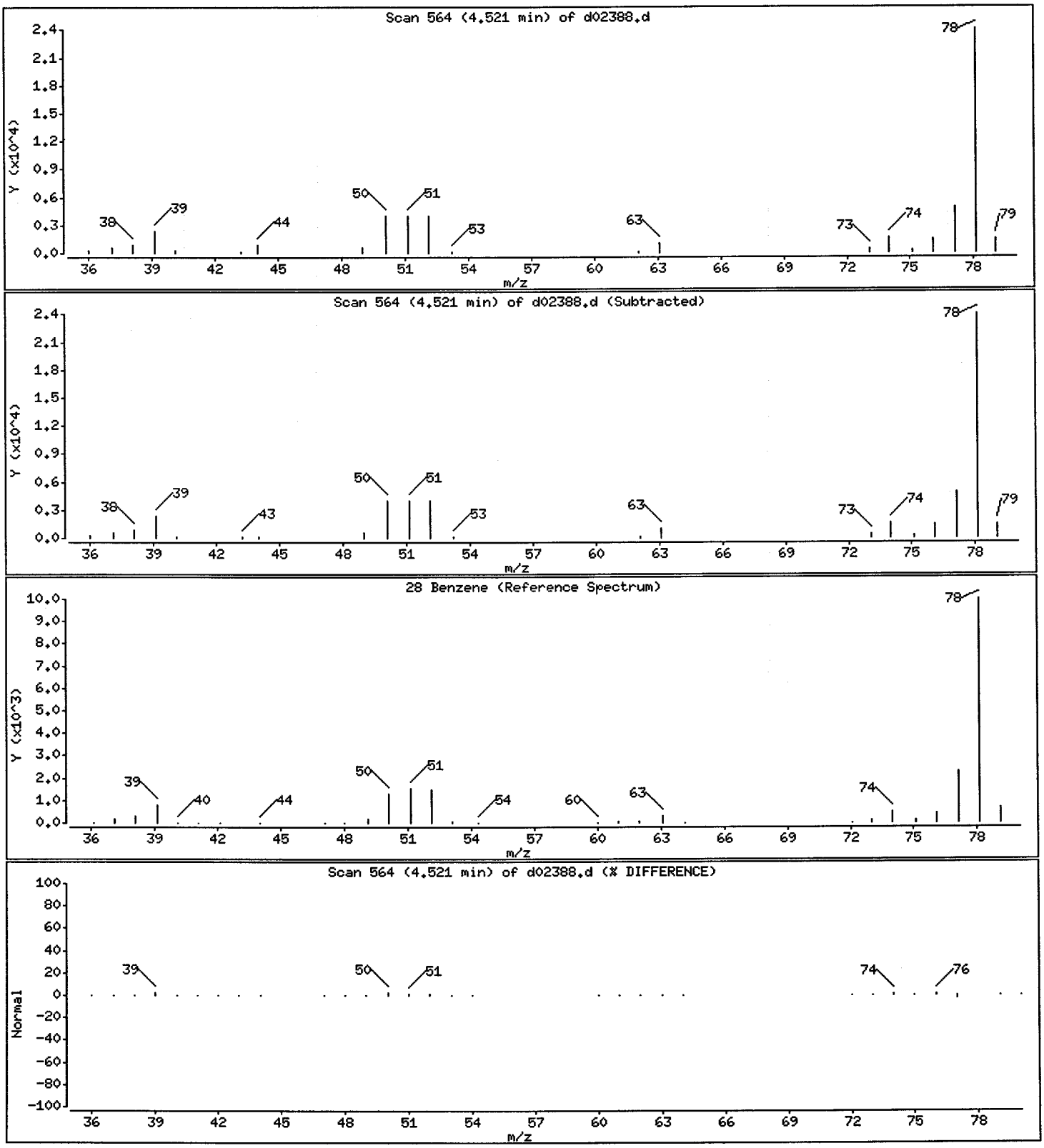
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 1.7 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

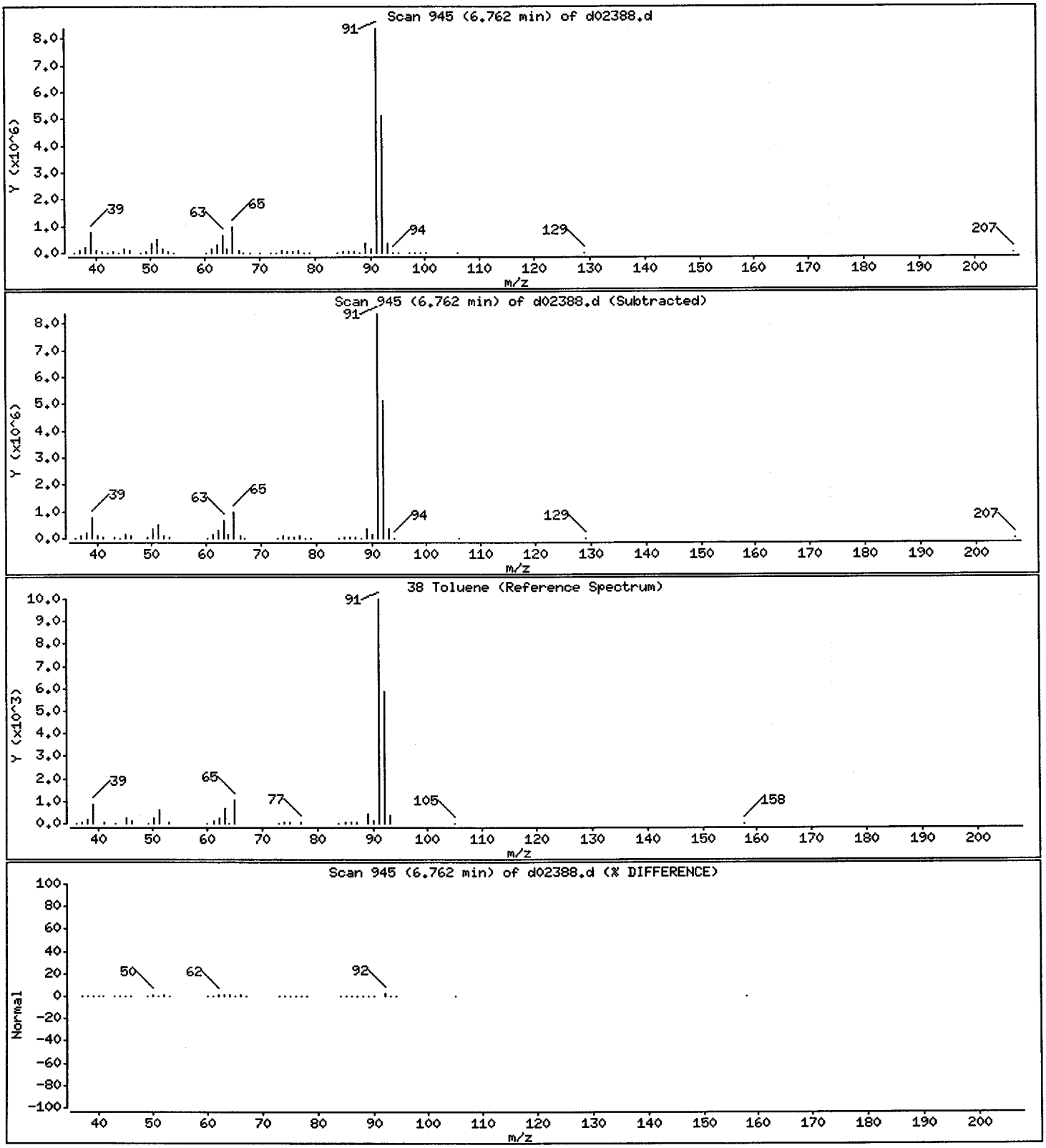
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 650 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

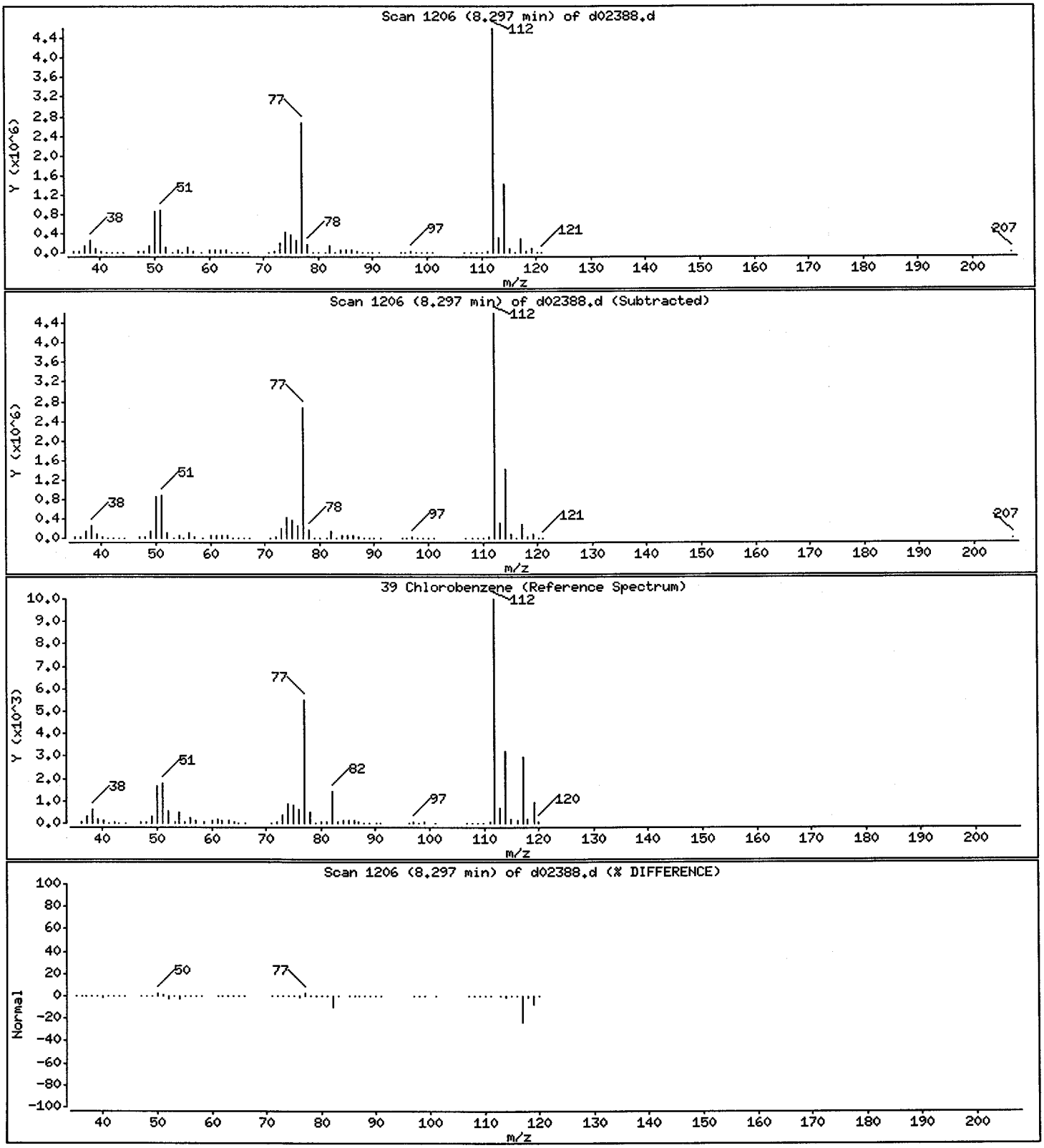
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

39 Chlorobenzene Concentration: 350 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

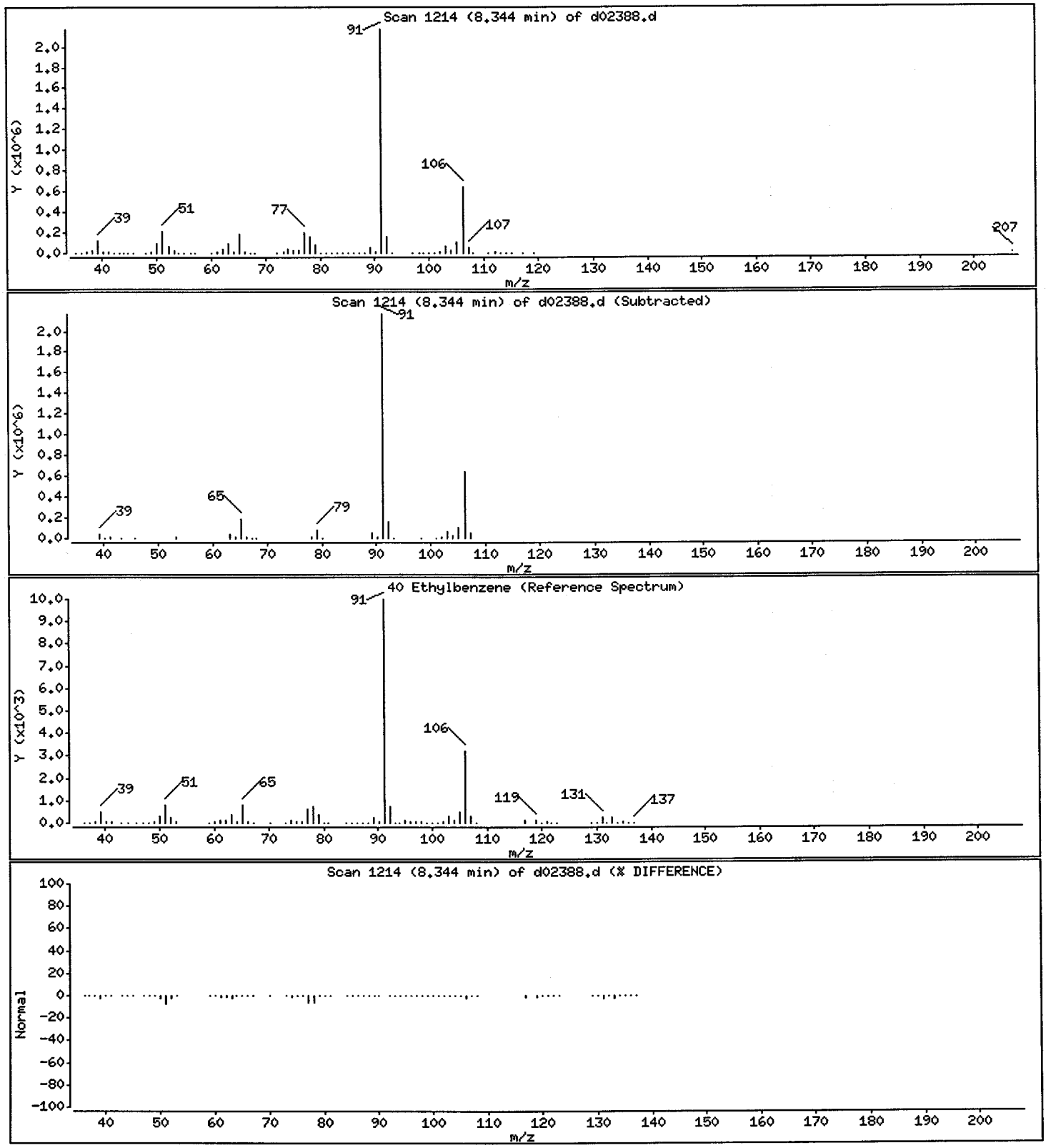
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 92 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

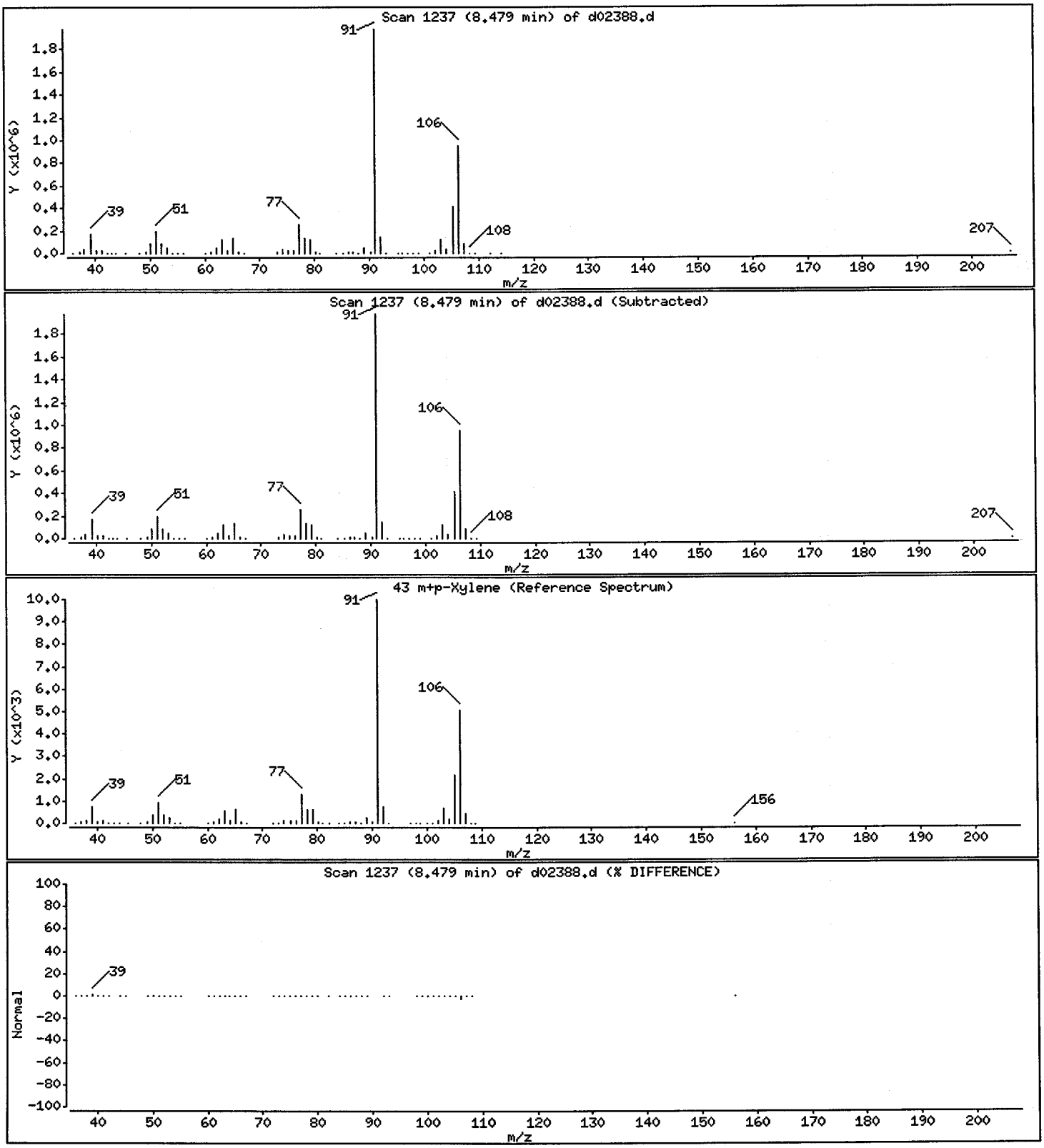
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 110 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

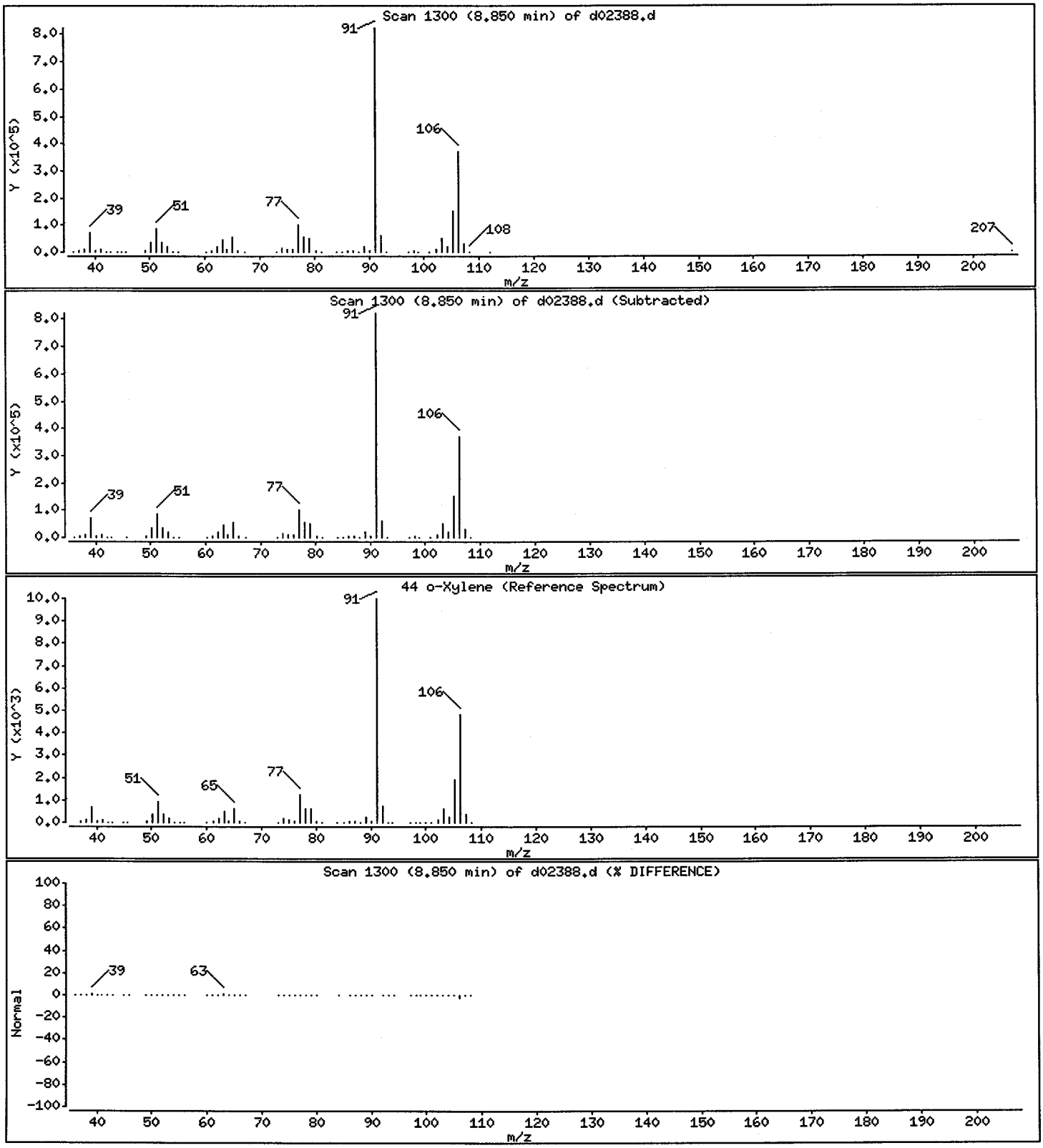
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 43 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

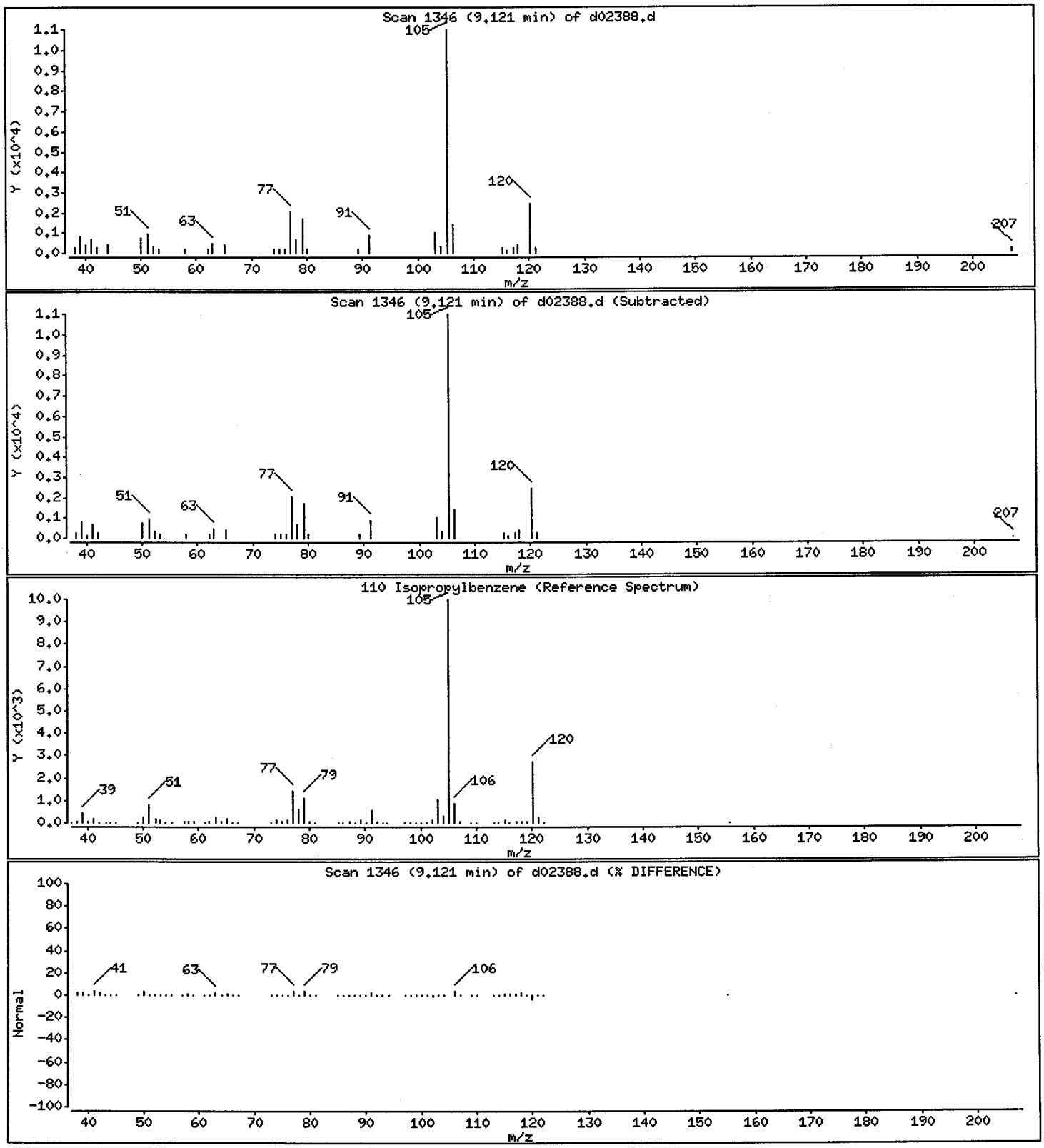
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 0.49 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

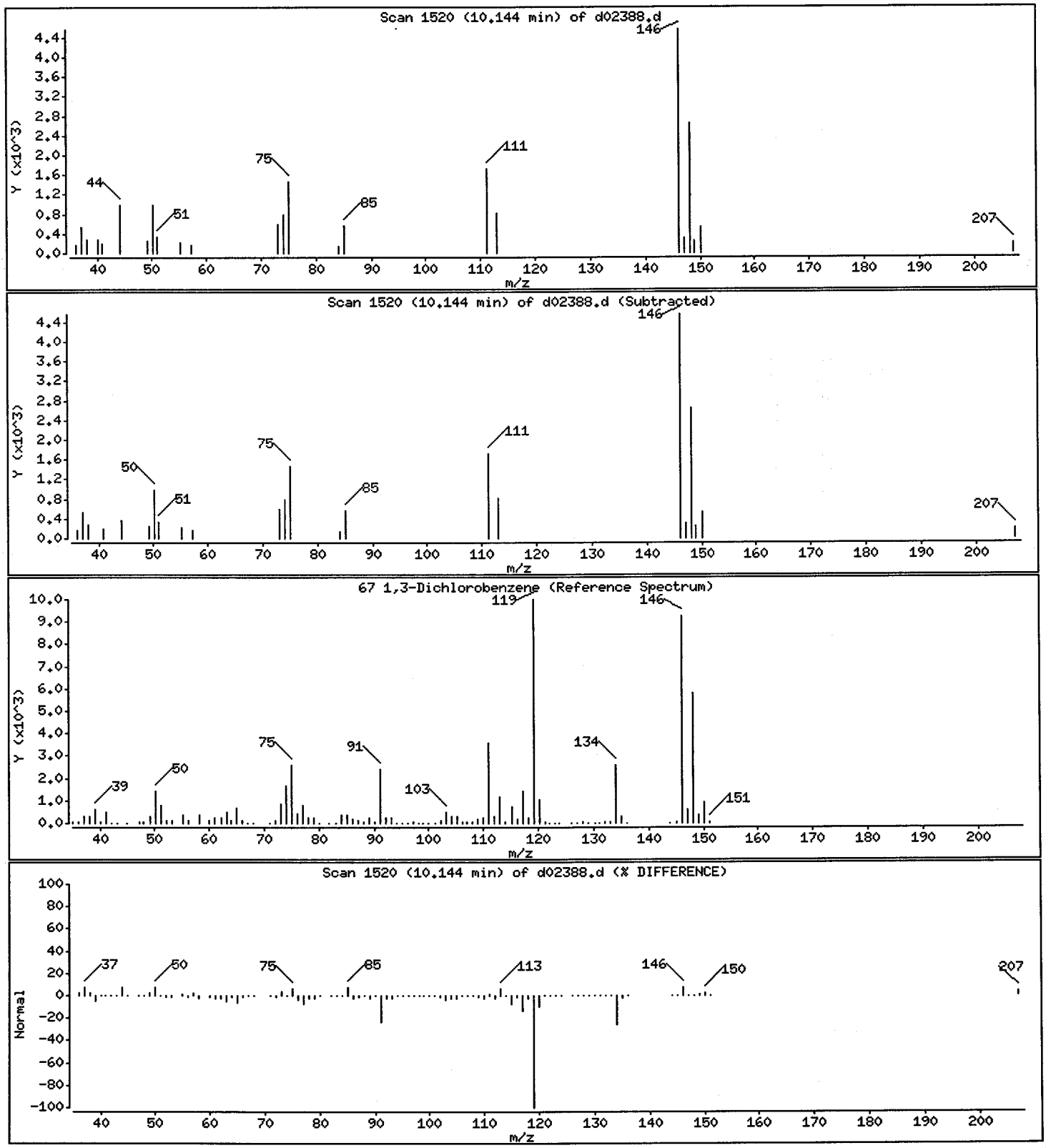
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

67 1,3-Dichlorobenzene Concentration: 0.40 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

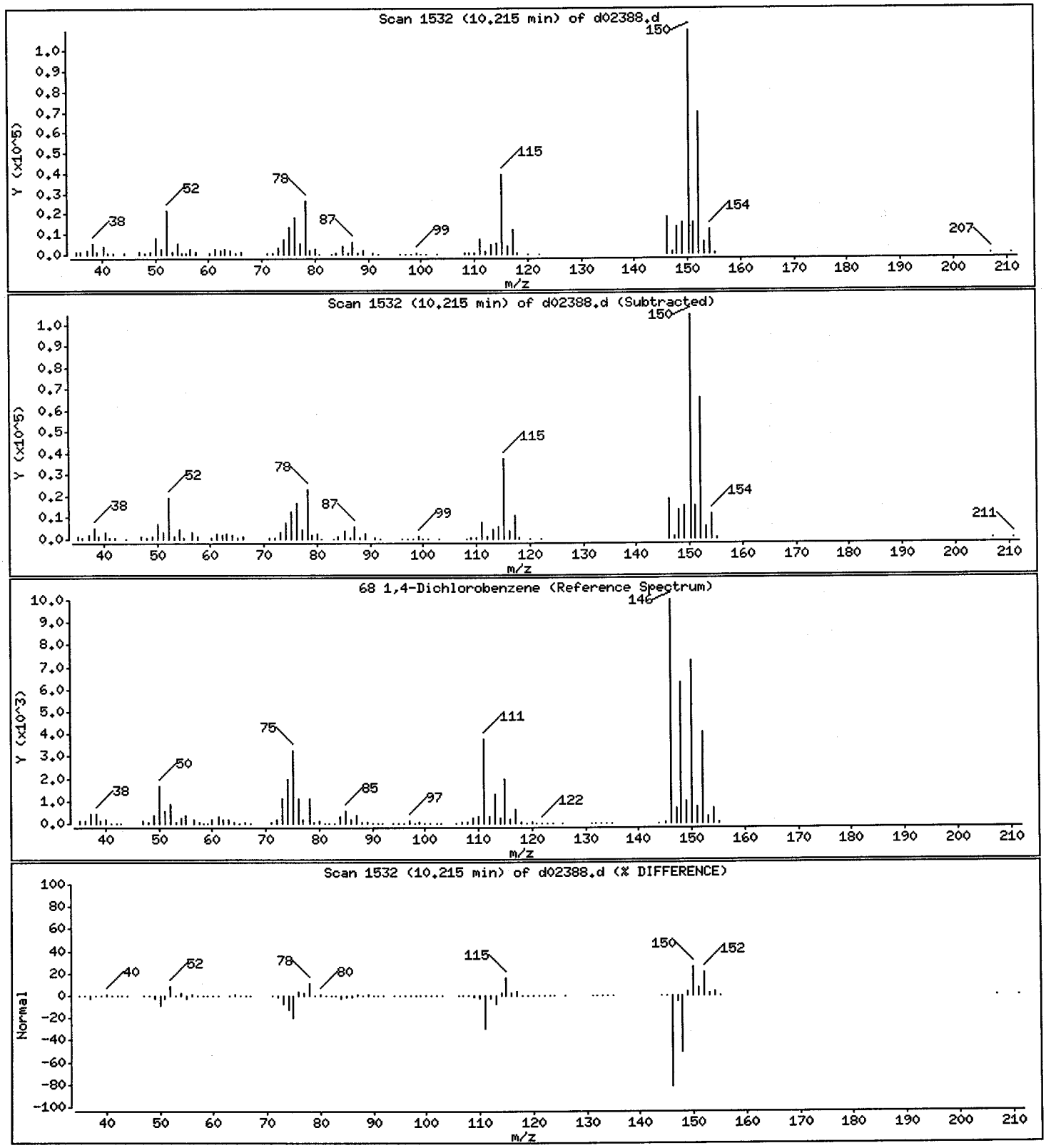
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

68 1,4-Dichlorobenzene Concentration: 1.7 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02388.d

Date : 15-AUG-2008 11:51

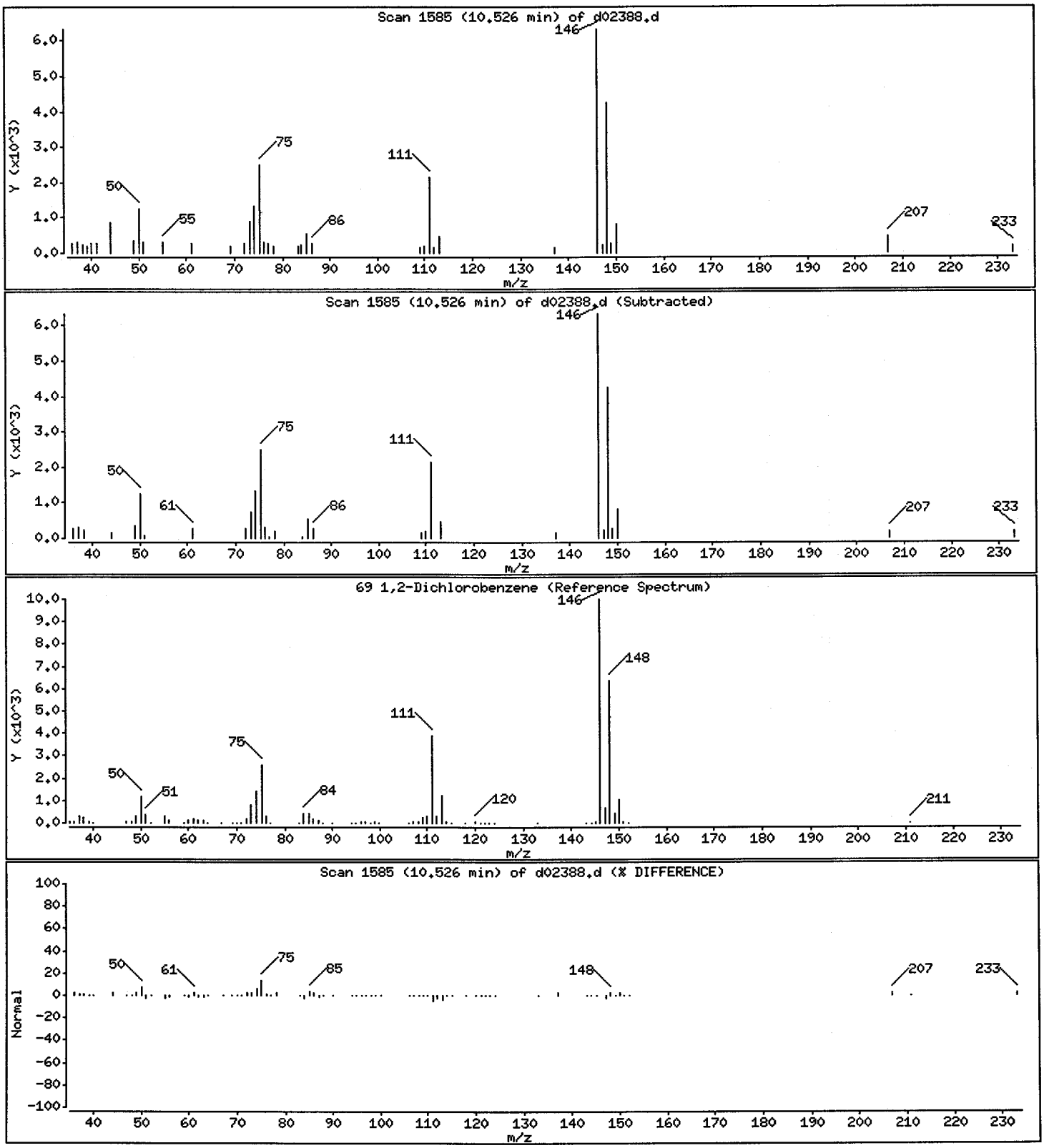
Client ID: 080508-12 Instrument: VOAMS4.i

Sample Info: 940365

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

69 1,2-Dichlorobenzene Concentration: 0.64 ug/L



Client ID: **080508-12D1**
Site: GM Wilmington-17338

Lab Sample No: **940365D1**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02181.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	670	25
Chlorobenzene	330	25

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02181.d
Report Date: 19-Aug-2008 11:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02181.d
Lab Smp Id: 940365D1 Client Smp ID: 080508-12D1
Inj Date : 07-AUG-2008 14:43
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940365D1;5
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 20
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: ChlTol.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	SampleVolume

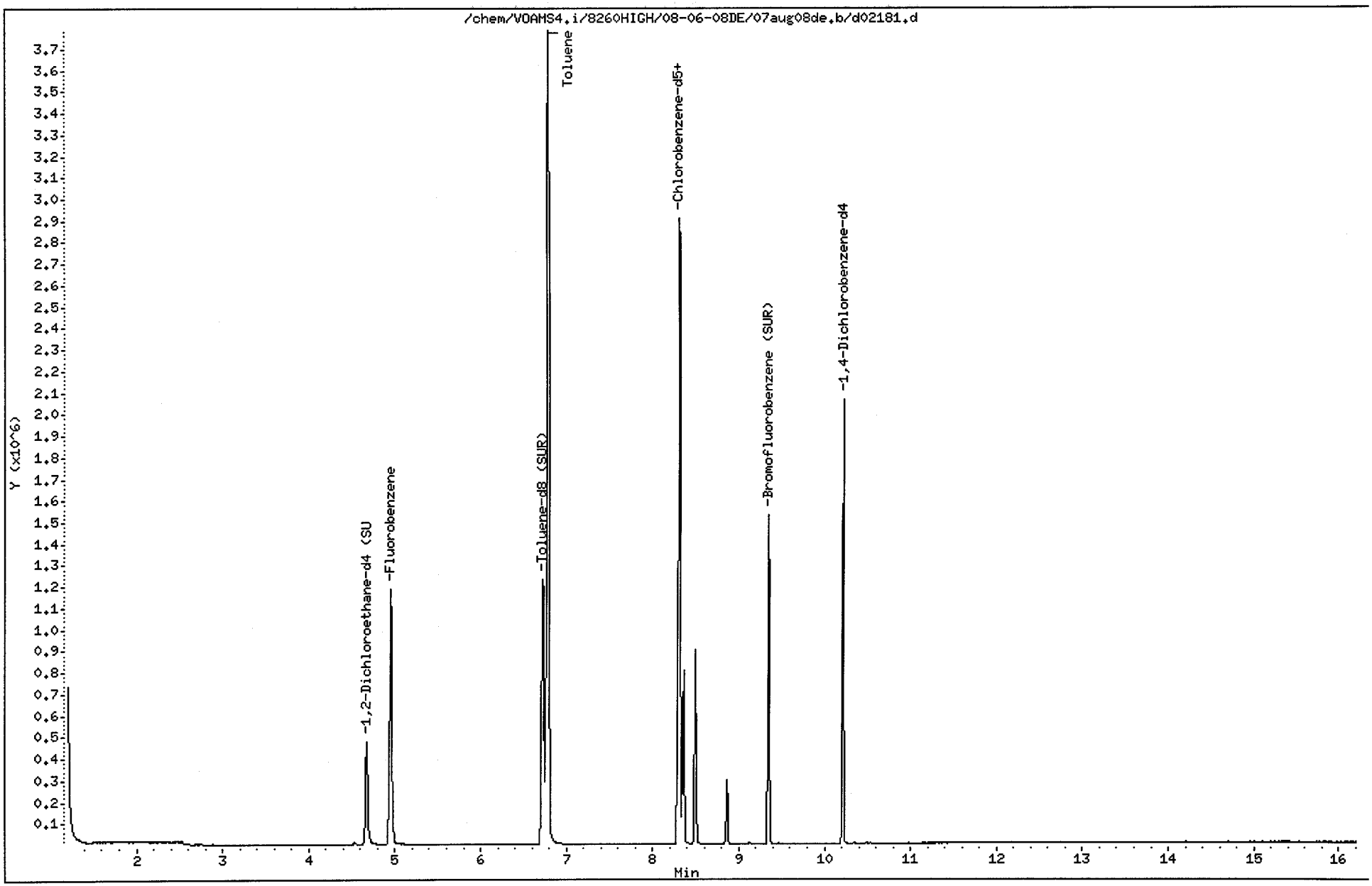
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.668	(0.944)	372298	48.5298	48
* 19 Fluorobenzene	96	4.950	4.944	(1.000)	982355	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.715	(0.810)	787763	50.9171	51
38 Toluene	91	6.780	6.780	(0.817)	2825004	133.402	670
* 32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	697885	50.0000	
39 Chlorobenzene	112	8.309	8.309	(1.001)	893494	66.1512	330
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	245691	56.0141	56
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	313519	50.0000	

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02181.d
Date : 07-AUG-2008 14:43
Client ID: 080508-12D1
Sample Info: 940365D1;5
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i

Operator: VOAMS 13
Column diameter: 0.18



405

TestAmerica Edison

X765

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02181.d

Date : 07-AUG-2008 14:43

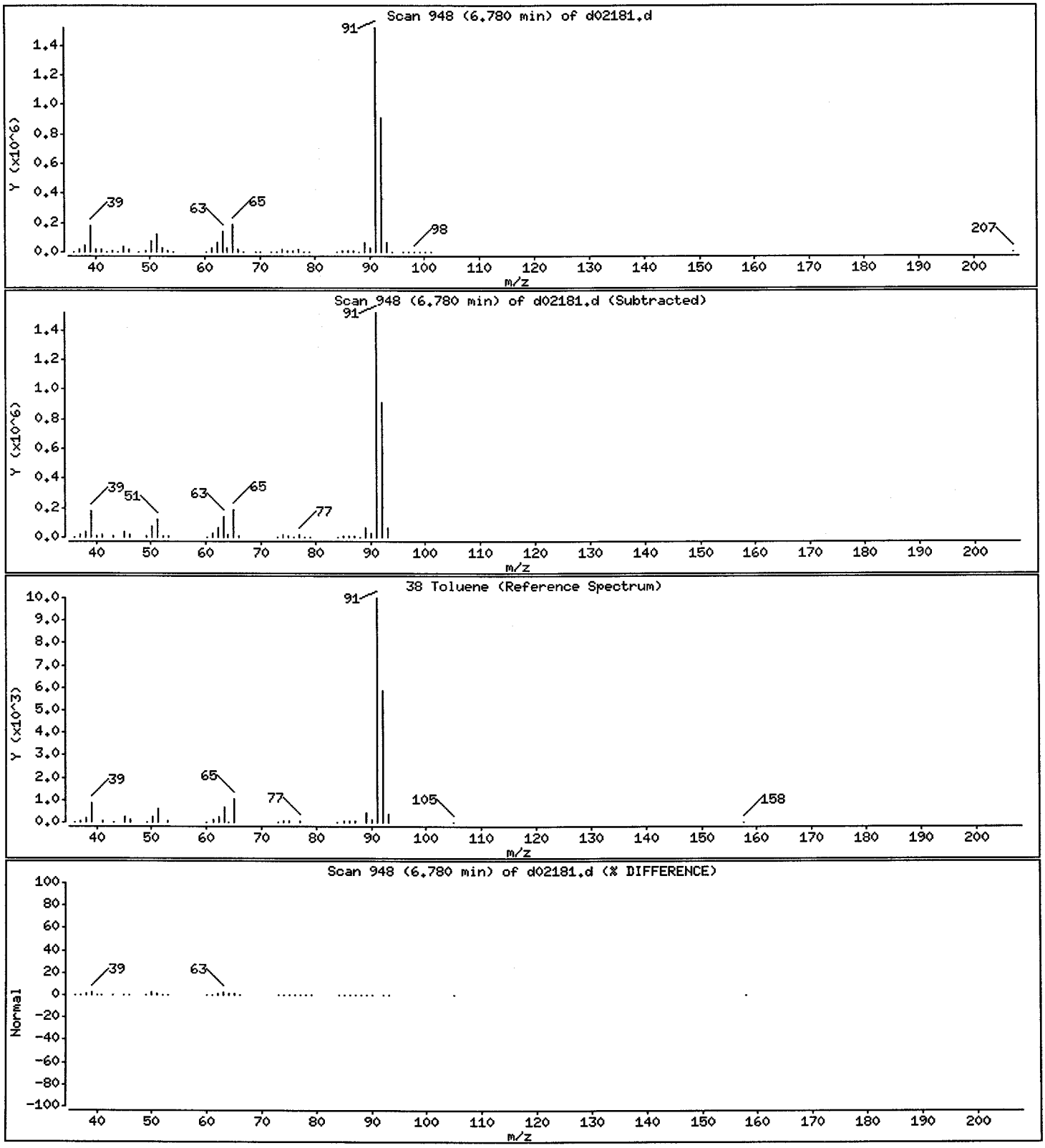
Client ID: 080508-12D1 Instrument: VOAMS4.i

Sample Info: 940365D1;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 670 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02181.d

Date : 07-AUG-2008 14:43

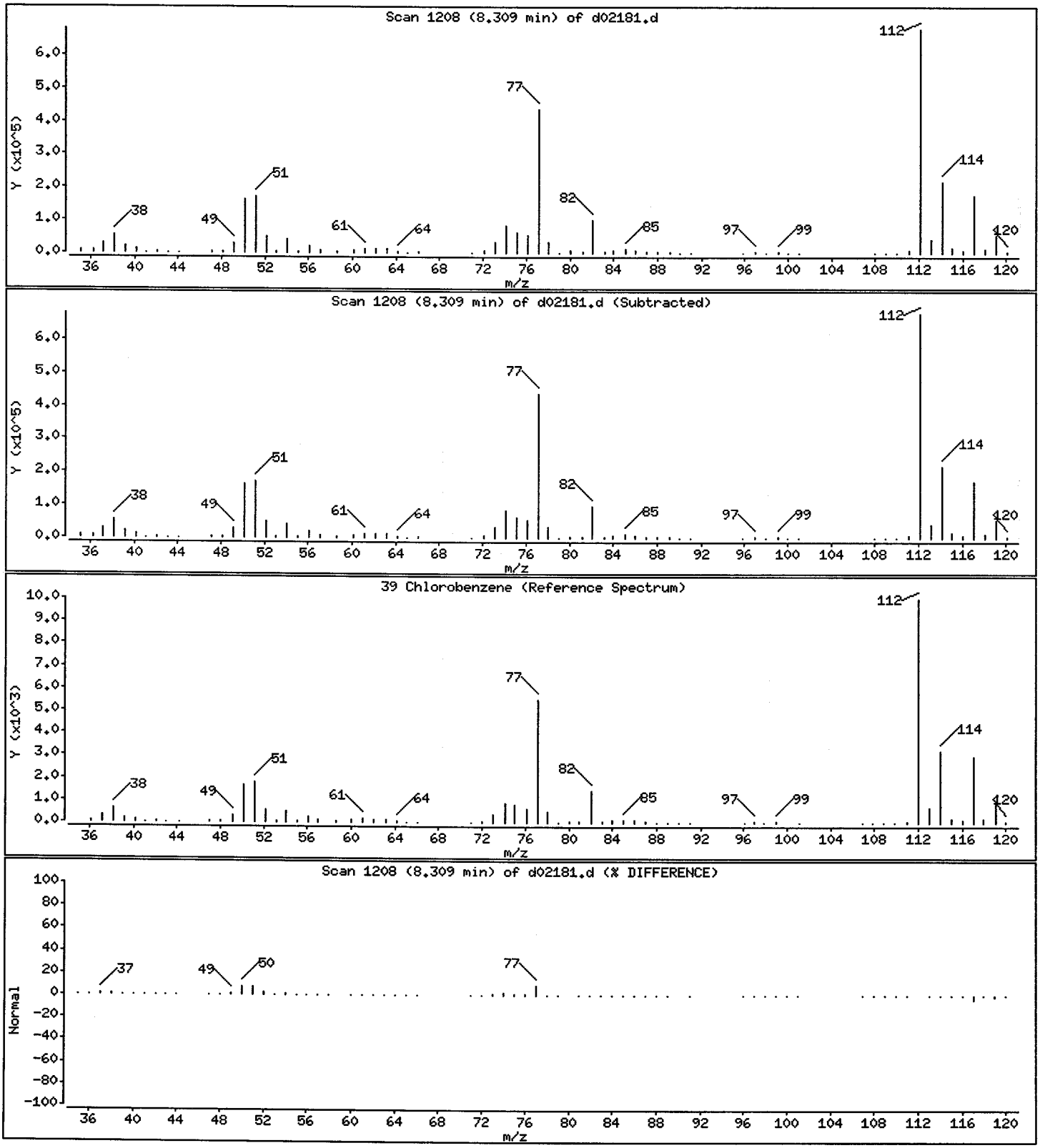
Client ID: 080508-12D1 Instrument: VOAMS4.i

Sample Info: 940365D1;5

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

39 Chlorobenzene Concentration: 330 ug/L



Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02182.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	4.2	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	57	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	54	4.0
Styrene	ND	5.0

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02182.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	300	5.0
Freon TF	ND	5.0
MTBE	0.5J	5.0
Cyclohexane	20	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	130	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	40	5.0

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02182.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Diisopropyl ether	3.23	45	
2.	C8H16 Cycloalkane	6.28	7.8	
3.	Benzene, propyl-	9.46	65	
4.	Indane	10.34	23	
5.	Ethyldimethylbenzene isomer	10.69	23	
6.	Unknown Aromatic	10.76	13	
7.	Tetramethylbenzene isomer	10.98	14	
8.	2,3-dihydro-methyl-1H-Indene isomer	11.30	31	
9.	Coeluting Aromatics	11.64	8.8	
10.	Naphthalene	11.90	8.2	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	239

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d
Report Date: 19-Aug-2008 11:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d
Lab Smp Id: 940366 Client Smp ID: 080508-13
Inj Date : 07-AUG-2008 15:07
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940366
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

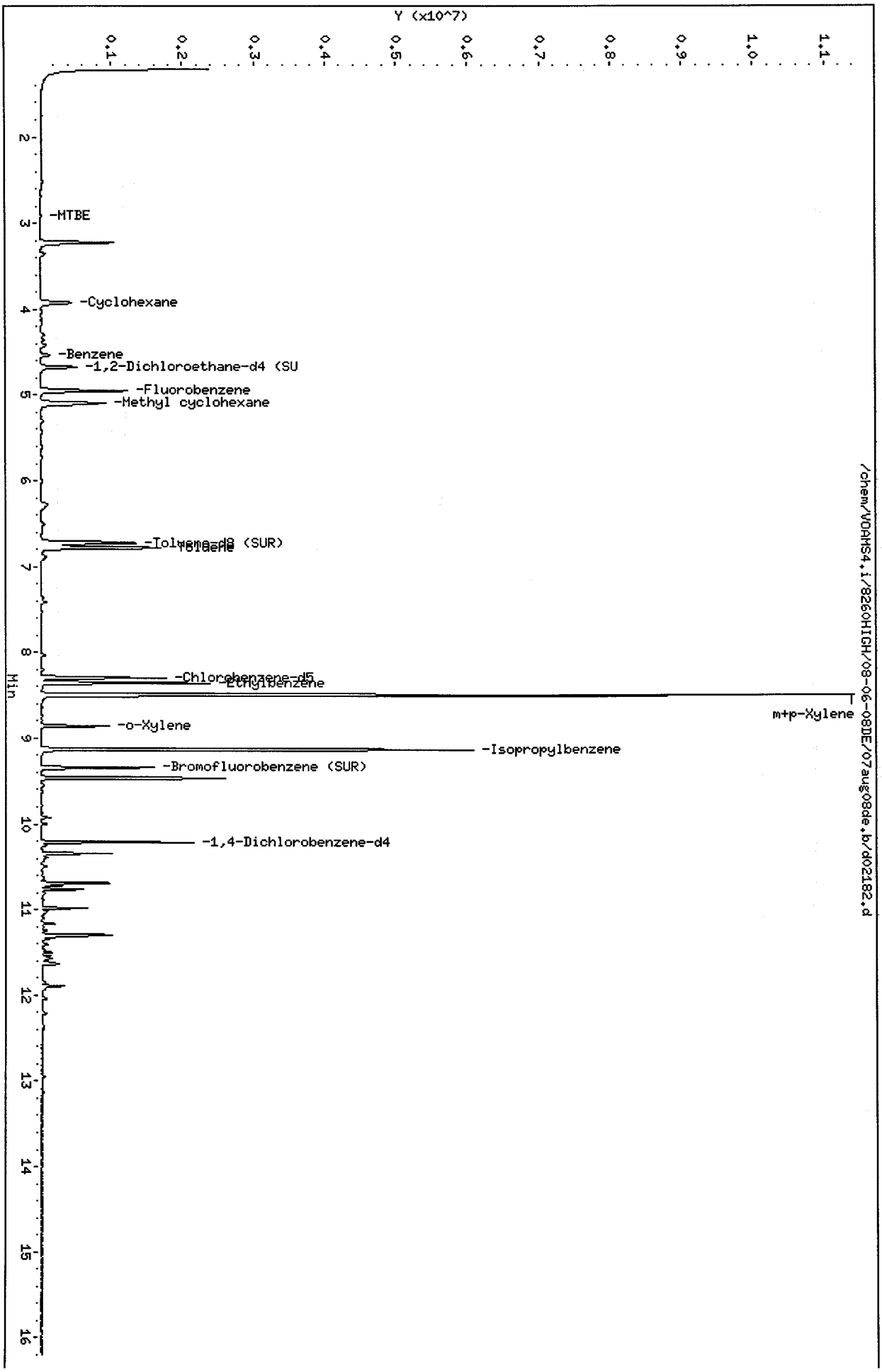
Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	53 MTBE	73	2.909	2.909	(0.588)	7859	0.46853	0.47(a)
	59 Cyclohexane	56	3.927	3.915	(0.793)	205062	20.5487	20
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.668	(0.944)	385013	49.9183	50
	28 Benzene	78	4.533	4.527	(0.916)	96212	4.21873	4.2
*	19 Fluorobenzene	96	4.950	4.944	(1.000)	987647	50.0000	
	132 Methyl Cyclohexane	83	5.097	5.086	(1.030)	372786	39.5033	40
$	37 Toluene-d8 (SUR)	98	6.721	6.715	(0.810)	867609	54.0886	54
	38 Toluene	91	6.780	6.780	(0.817)	1244952	56.7035	57
*	32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	723554	50.0000	
	40 Ethylbenzene	106	8.356	8.356	(1.007)	388715	54.5840	54
	43 m+p-Xylene	106	8.491	8.491	(1.023)	2469874	267.036	270
	44 o-Xylene	106	8.862	8.856	(1.068)	190349	22.5033	22
	110 Isopropylbenzene	105	9.127	9.127	(1.100)	3066742	134.859	130
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	260910	55.9103	56
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	333557	50.0000	
M	45 Xylene (Total)	100				2660223	296.050	300

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d
Report Date: 19-Aug-2008 11:37

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d
Date : 07-AUG-2008 15:07
Client ID: 080508-13
Sample Info: 940366
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^7)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
-MTBE
-Cyclohexane
-Benzene
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Methyl cyclohexane
-Toluene-d8 (SUR)
-Chlorobenzene-d5
Ethylbenzene
m+p-Xylene
-o-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-1,4-Dichlorobenzene-d4
Min
/chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

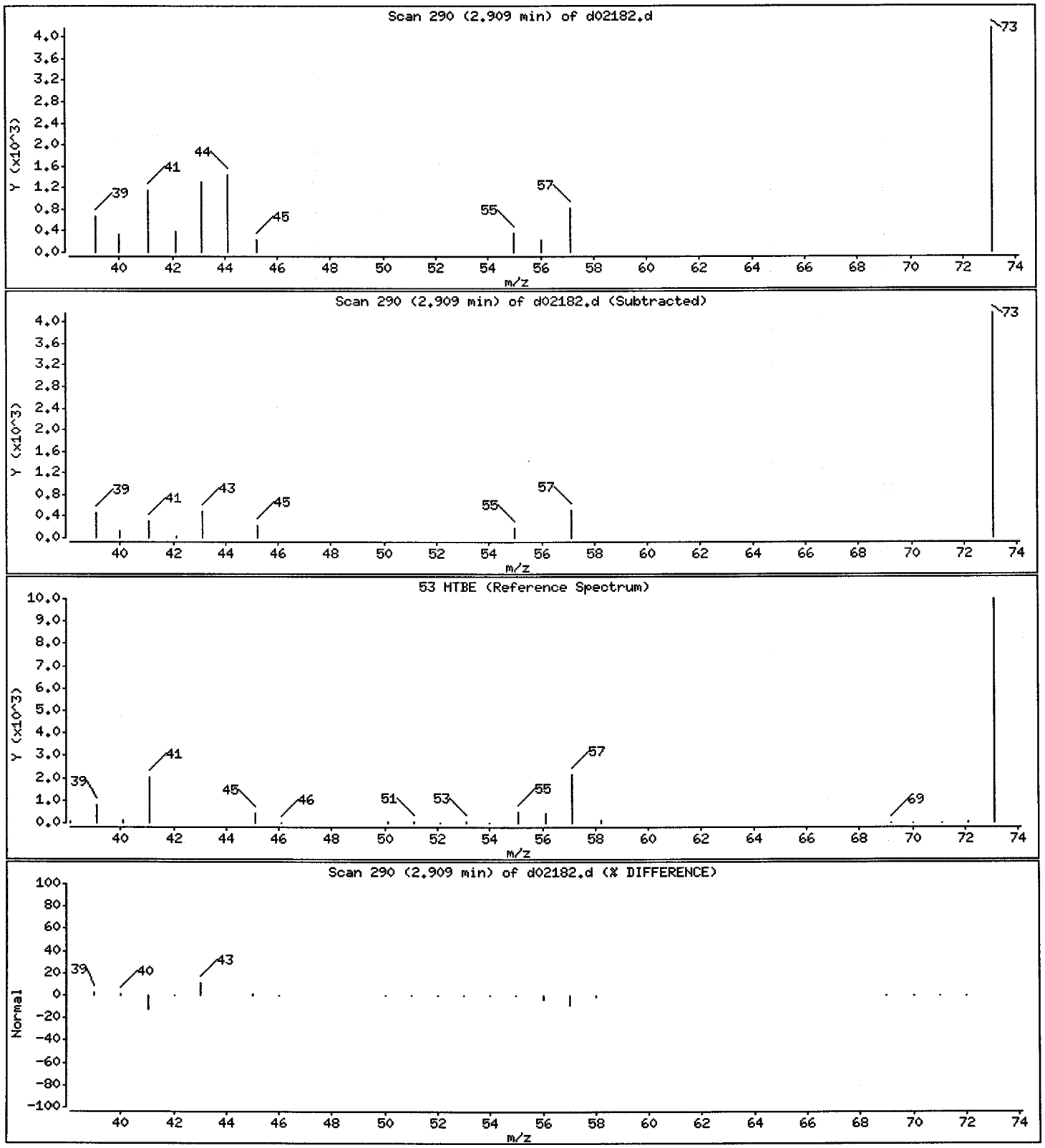
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

53 MTBE Concentration: 0.47 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

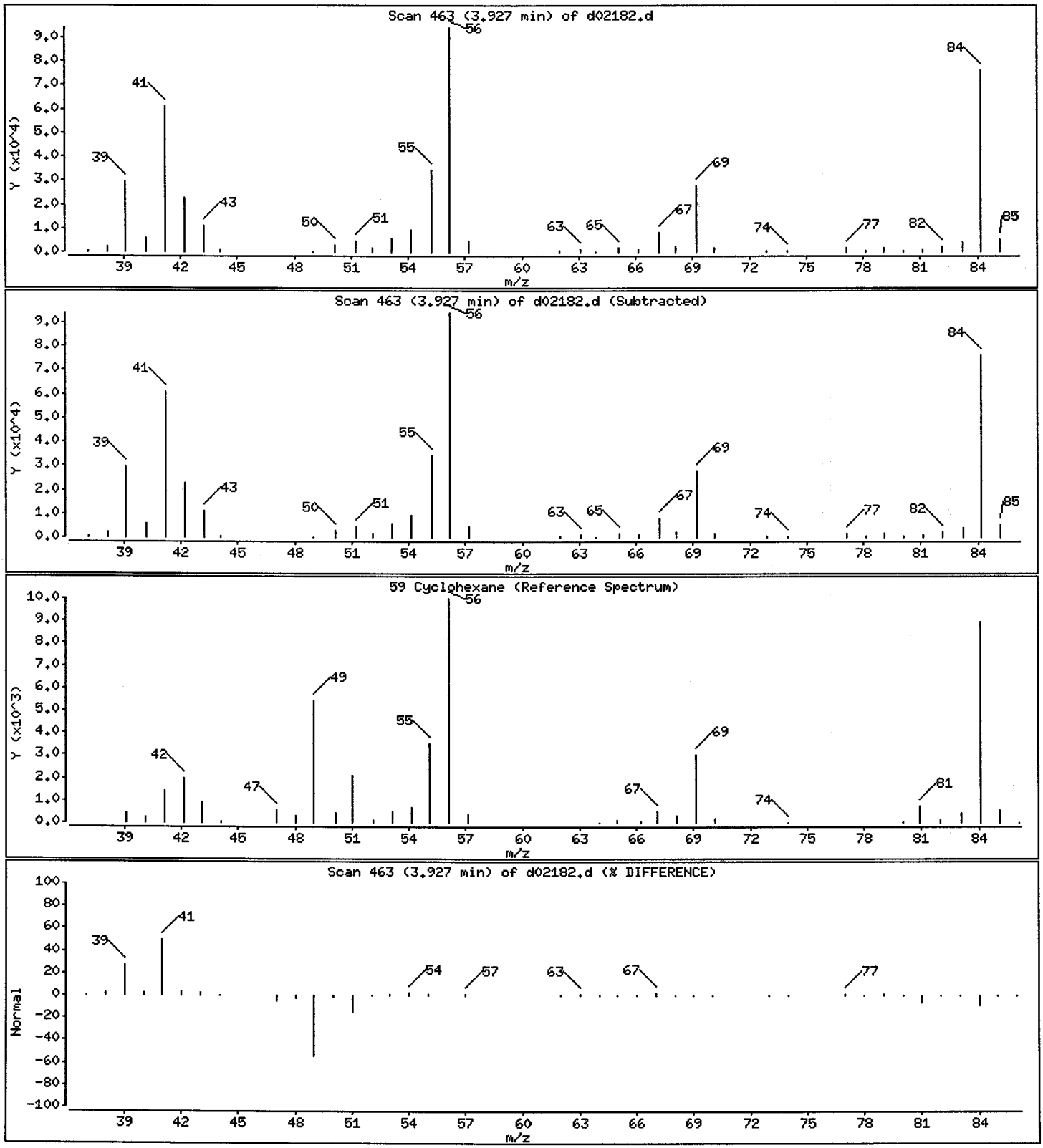
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

59 Cyclohexane Concentration: 20 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

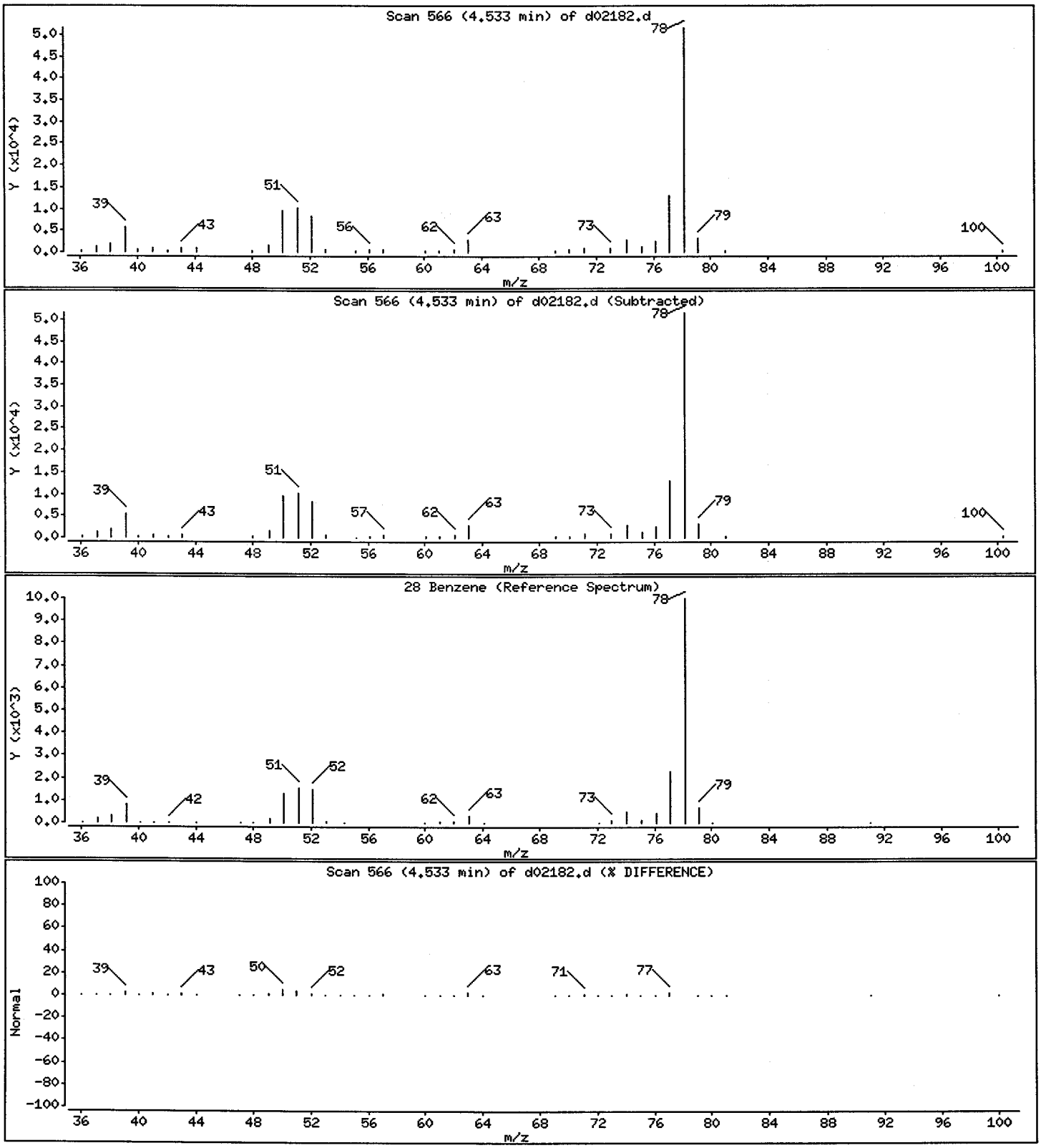
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

28 Benzene Concentration: 4.2 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

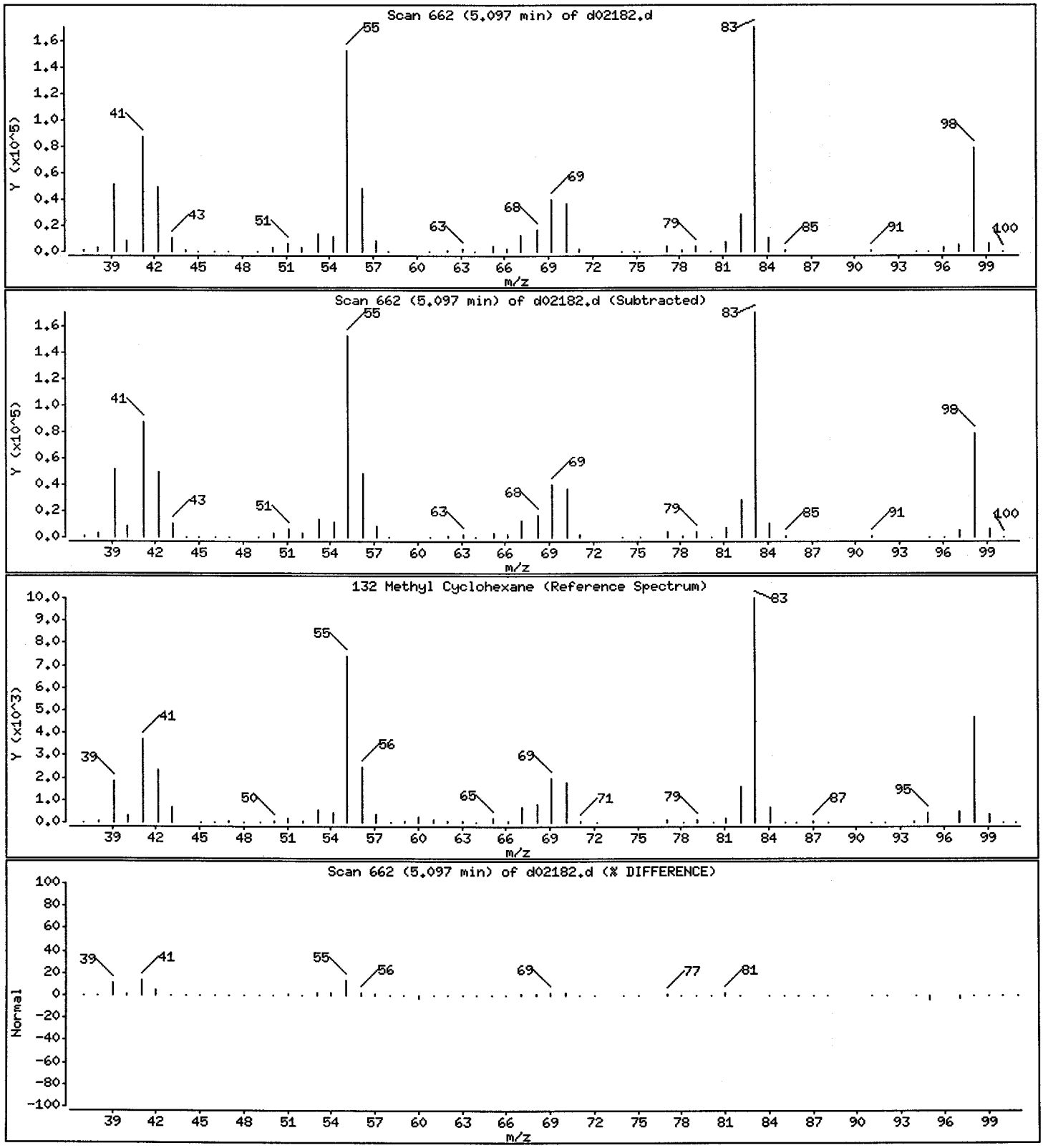
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

132 Methyl Cyclohexane Concentration: 40 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

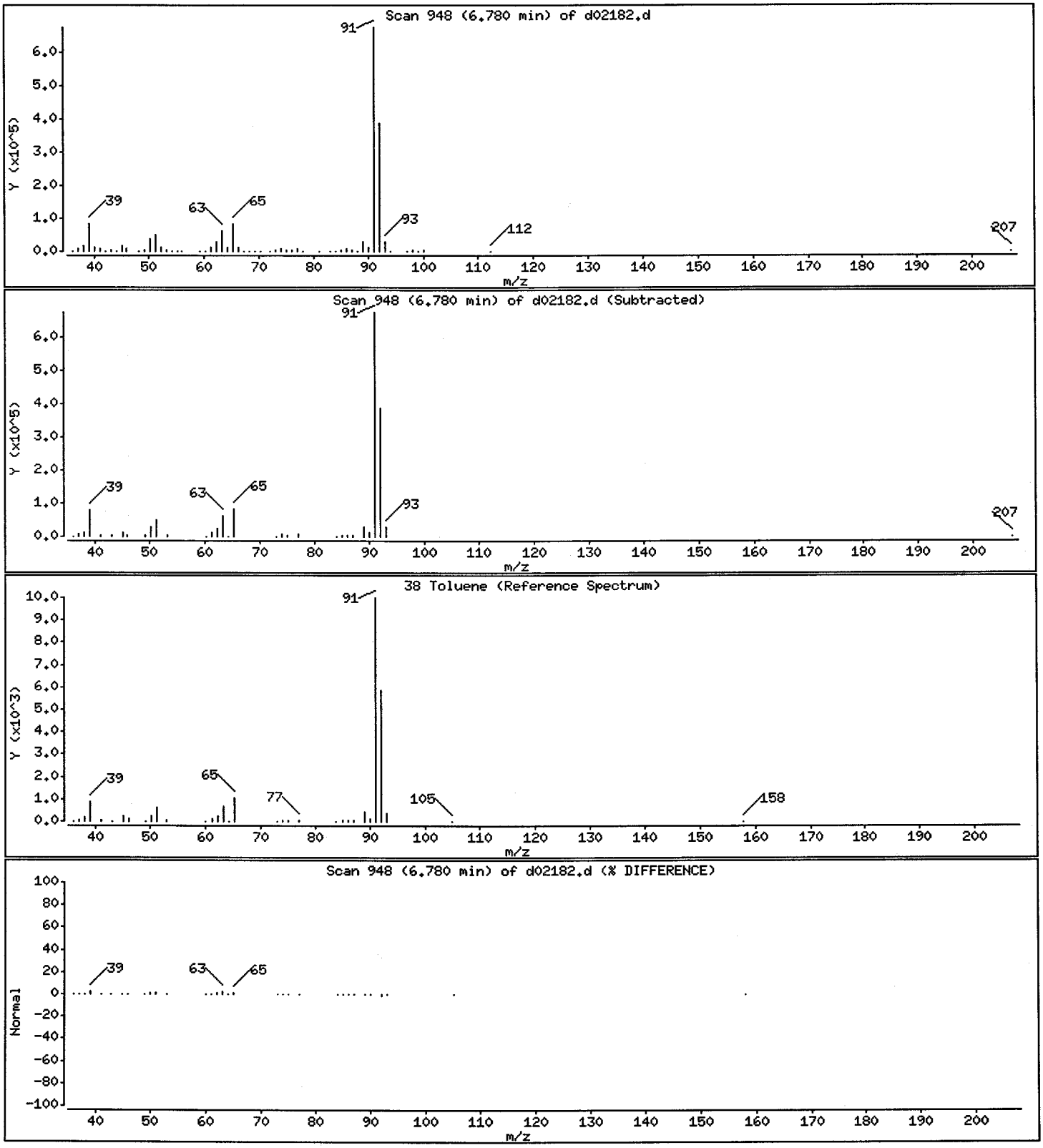
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 57 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

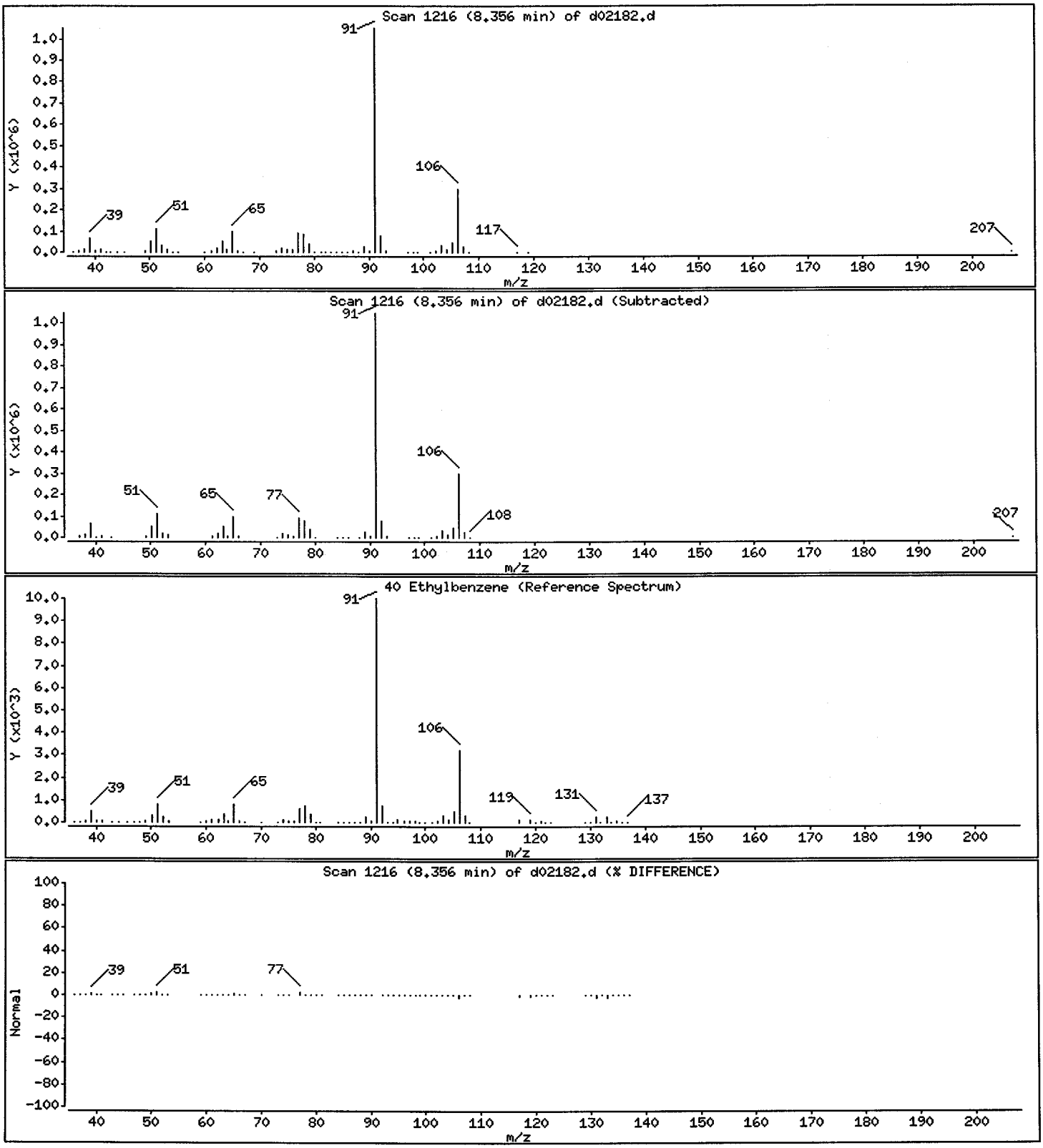
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 54 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

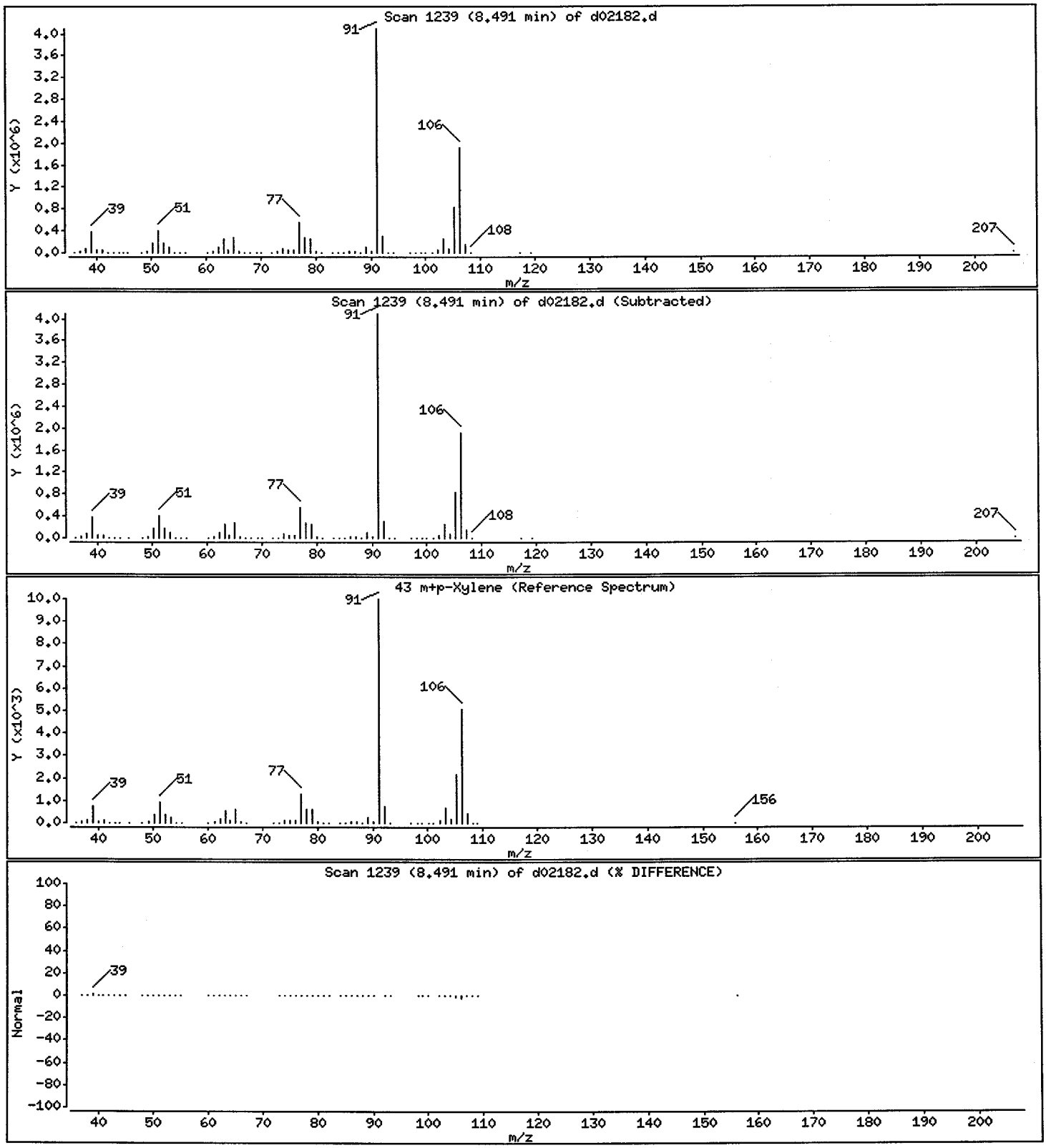
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 270 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

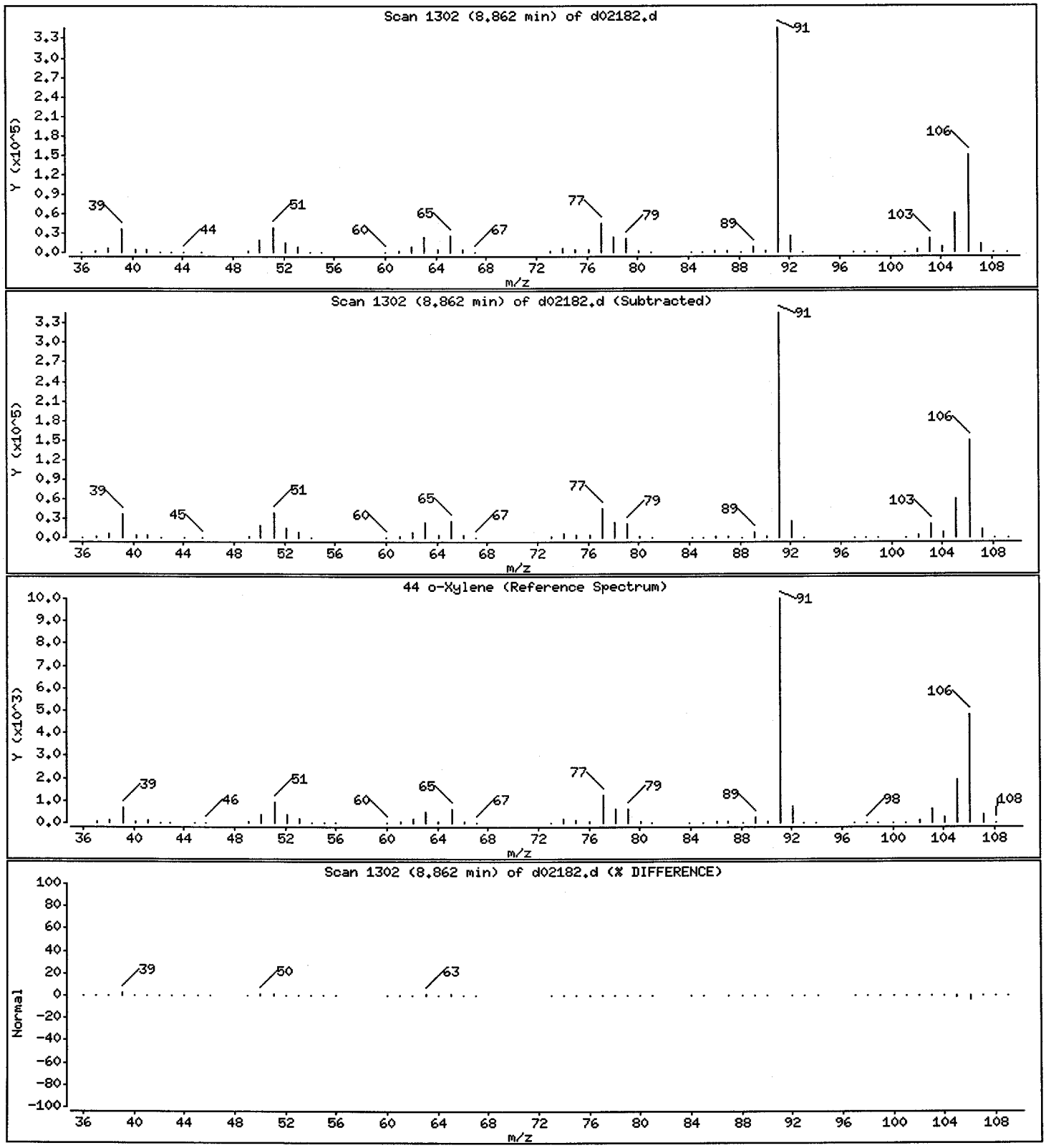
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 22 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

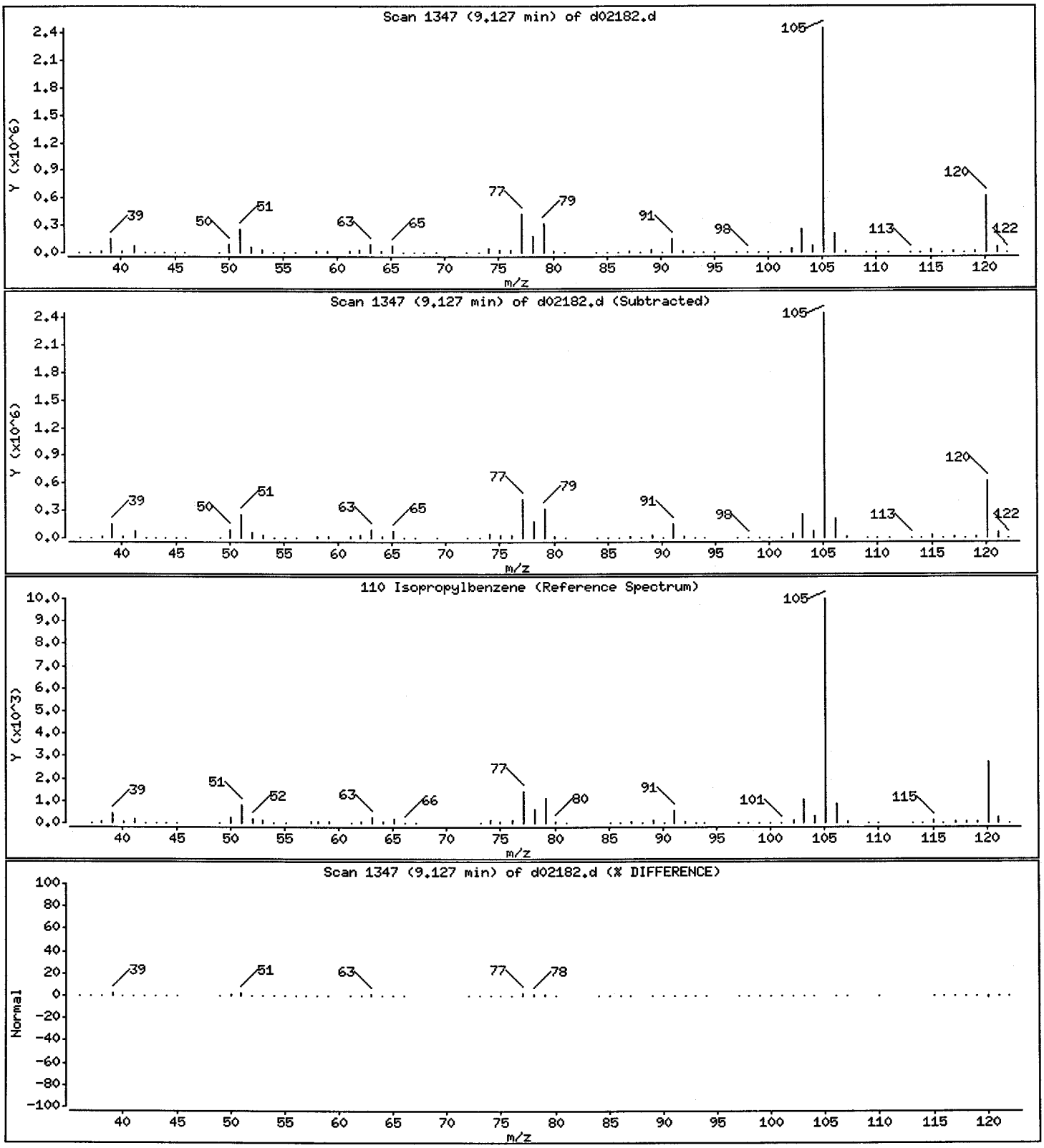
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

110 Isopropylbenzene Concentration: 130 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

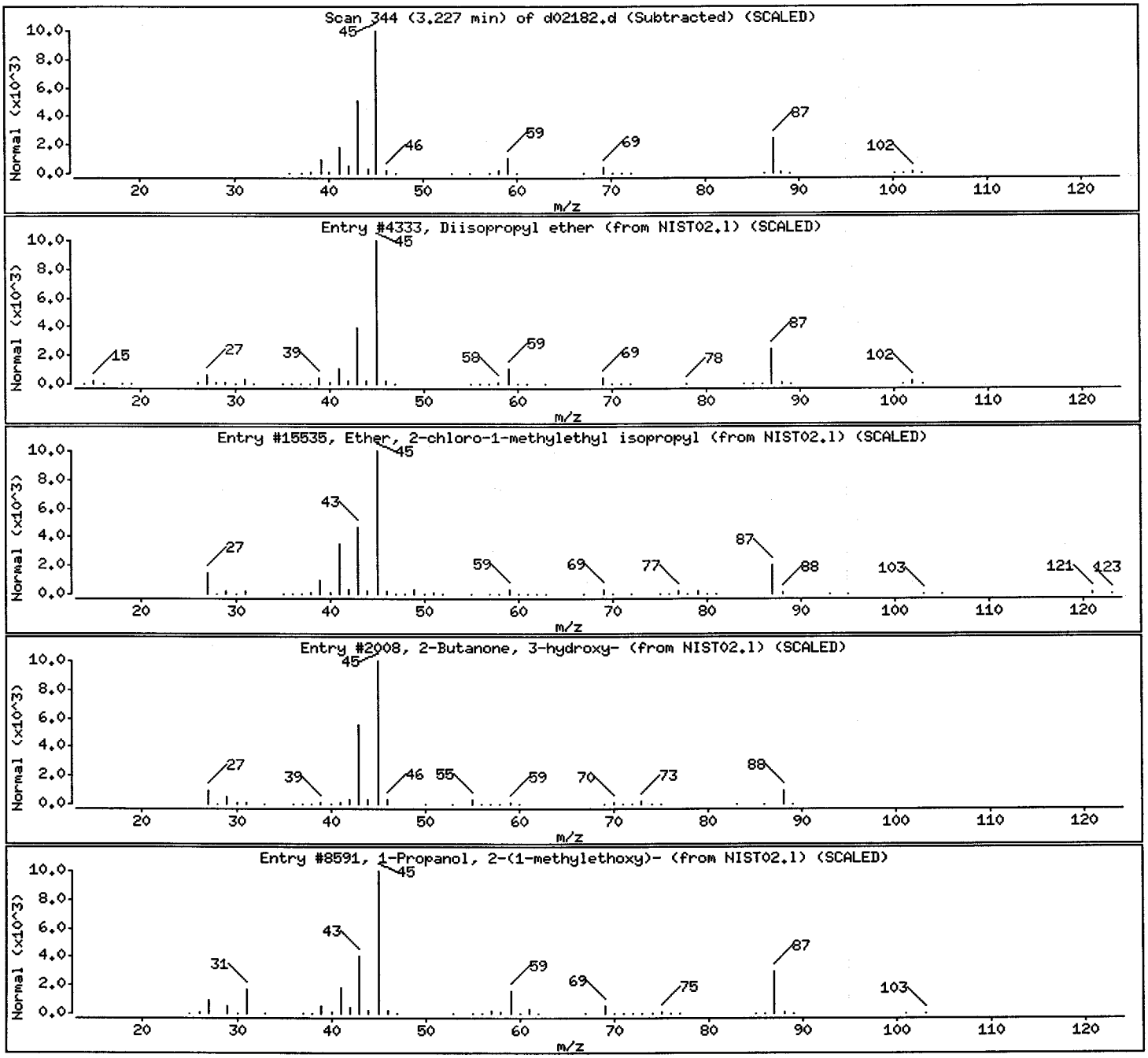
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diisopropyl ether	108-20-3	NIST02.l	4333	86	C6H14O	102
Ether, 2-chloro-1-methylethyl isopropyl	98277-76-0	NIST02.l	15535	78	C6H13ClO	136
2-Butanone, 3-hydroxy-	513-86-0	NIST02.l	2008	59	C4H8O2	88
1-Propanol, 2-(1-methylethoxy)-	3944-37-4	NIST02.l	8591	56	C6H14O2	118



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

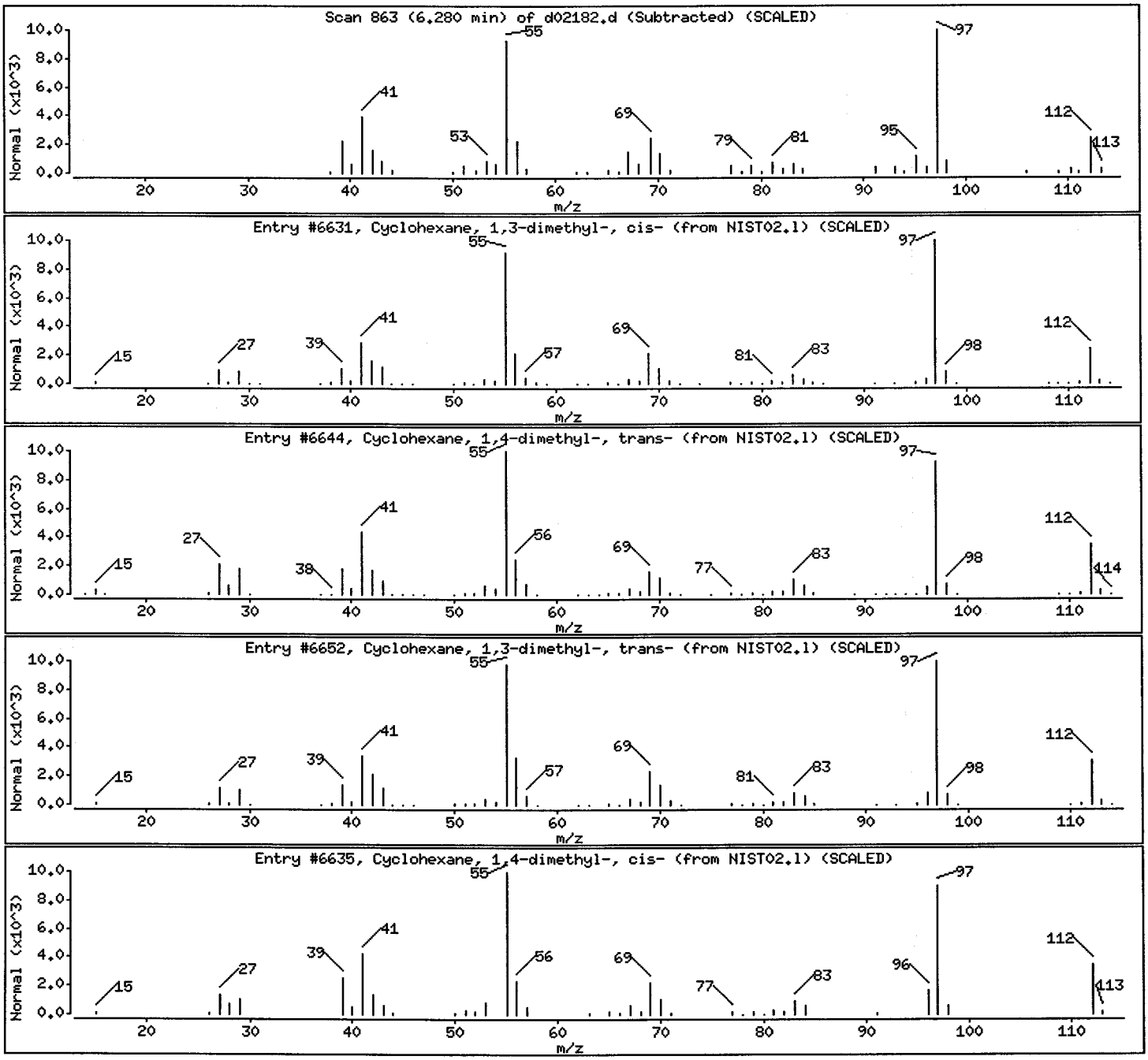
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H16 Cycloalkane						
Cyclohexane, 1,3-dimethyl-, cis-	638-04-0	NIST02.l	6631	93	C8H16	112
Cyclohexane, 1,4-dimethyl-, trans-	2207-04-7	NIST02.l	6644	83	C8H16	112
Cyclohexane, 1,3-dimethyl-, trans-	2207-03-6	NIST02.l	6652	83	C8H16	112
Cyclohexane, 1,4-dimethyl-, cis-	624-29-3	NIST02.l	6635	83	C8H16	112



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

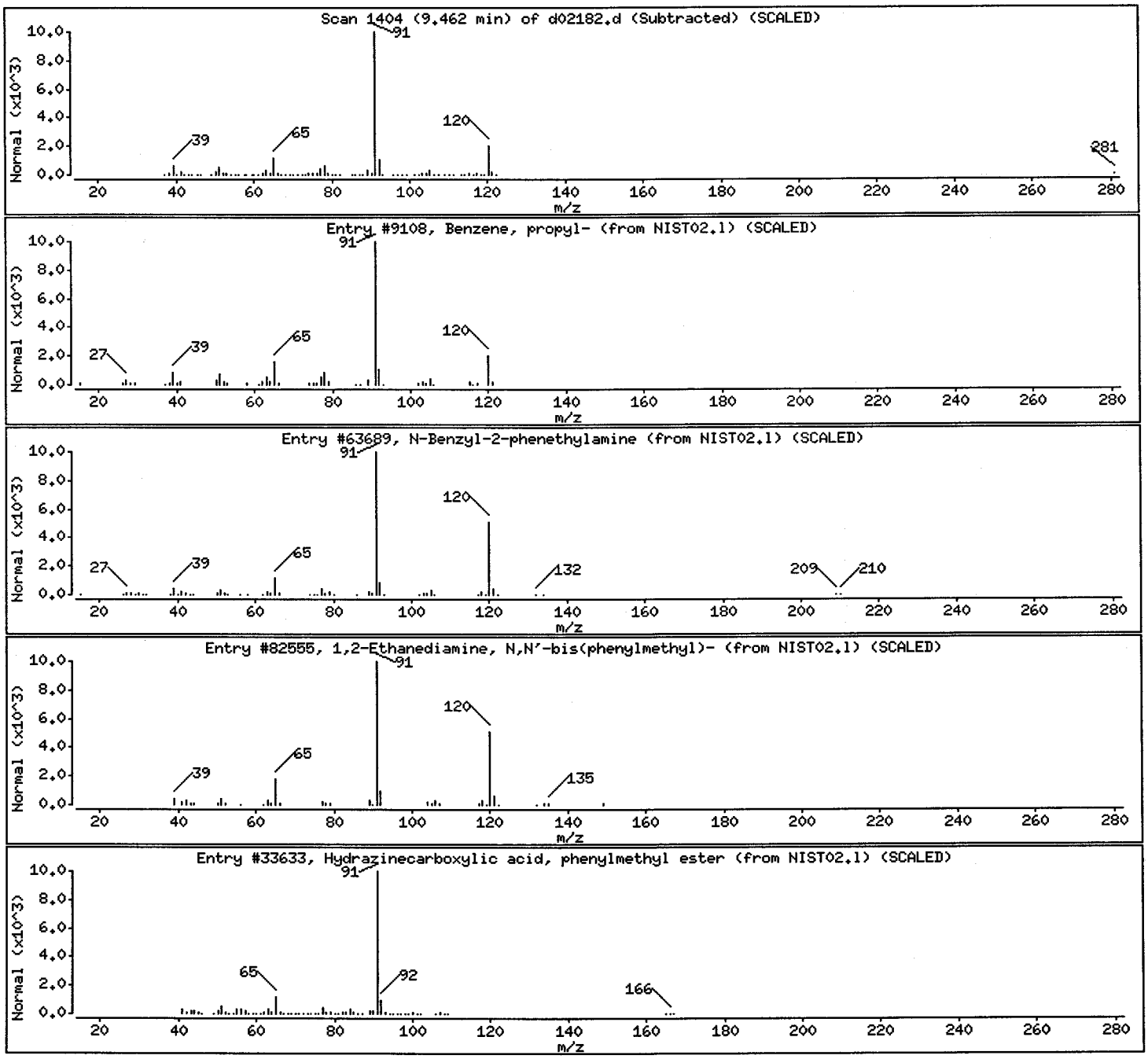
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9108	94	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.l	63689	78	C15H17N	211
1,2-Ethanediamine, N,N'-bis(phenylmethyl	140-28-3	NIST02.l	82555	64	C16H20N2	240
Hydrazinecarboxylic acid, phenylmethyl e	5331-43-1	NIST02.l	33633	47	C8H10N2O2	166



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

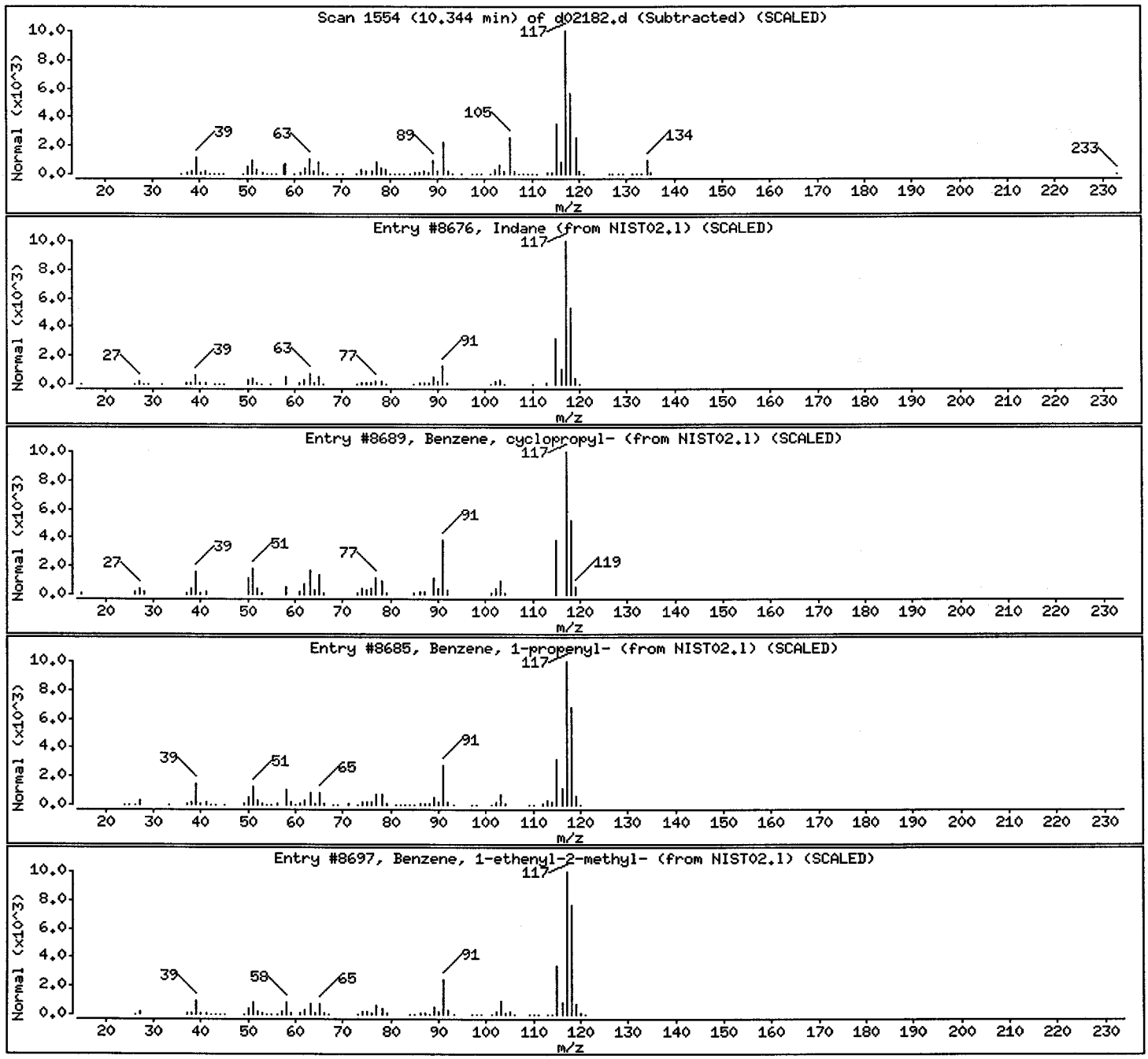
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	92	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8689	64	C9H10	118
Benzene, 1-propenyl-	637-50-3	NIST02.l	8685	64	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.l	8697	64	C9H10	118



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

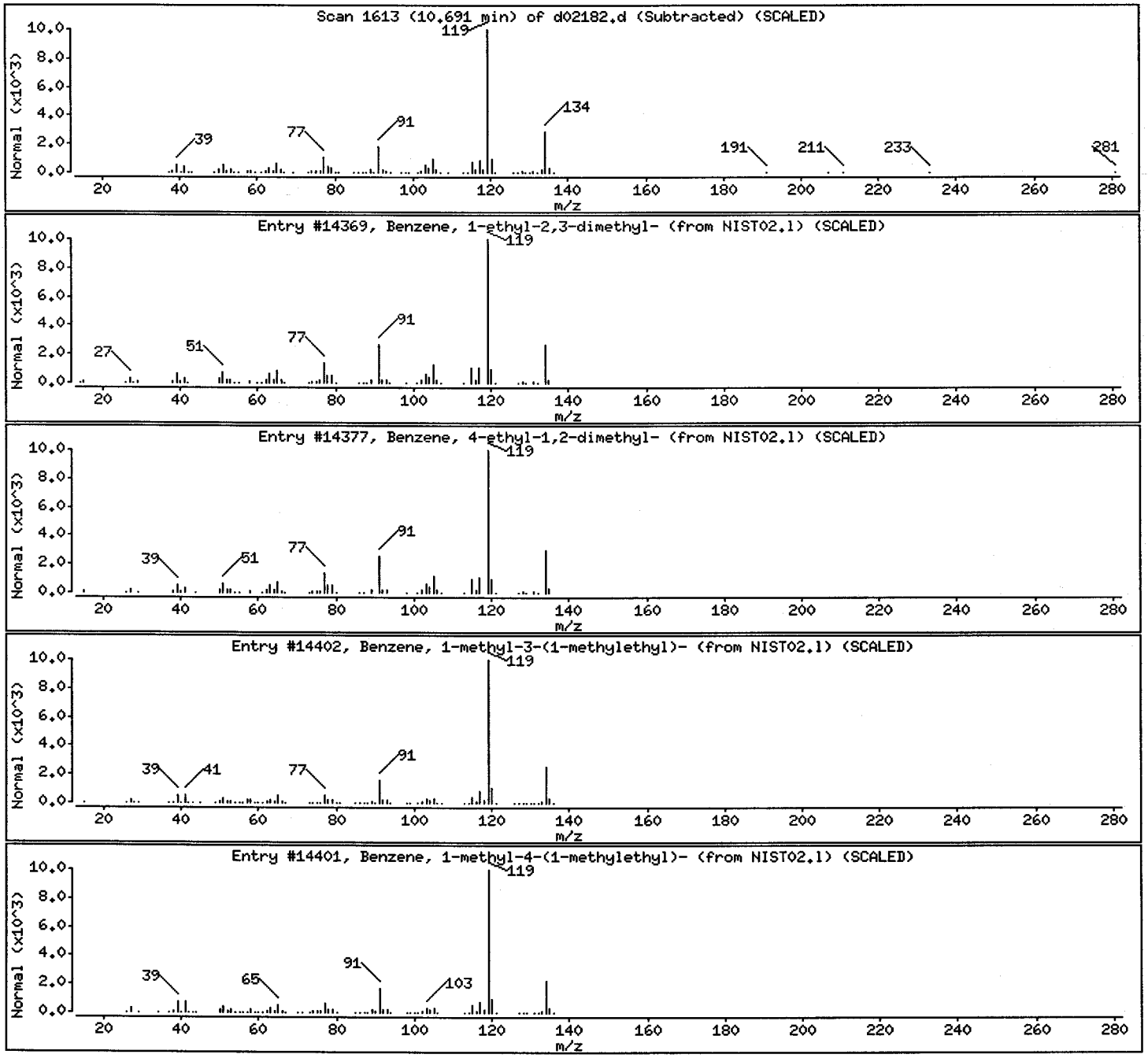
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	96	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.l	14402	95	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.l	14401	95	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

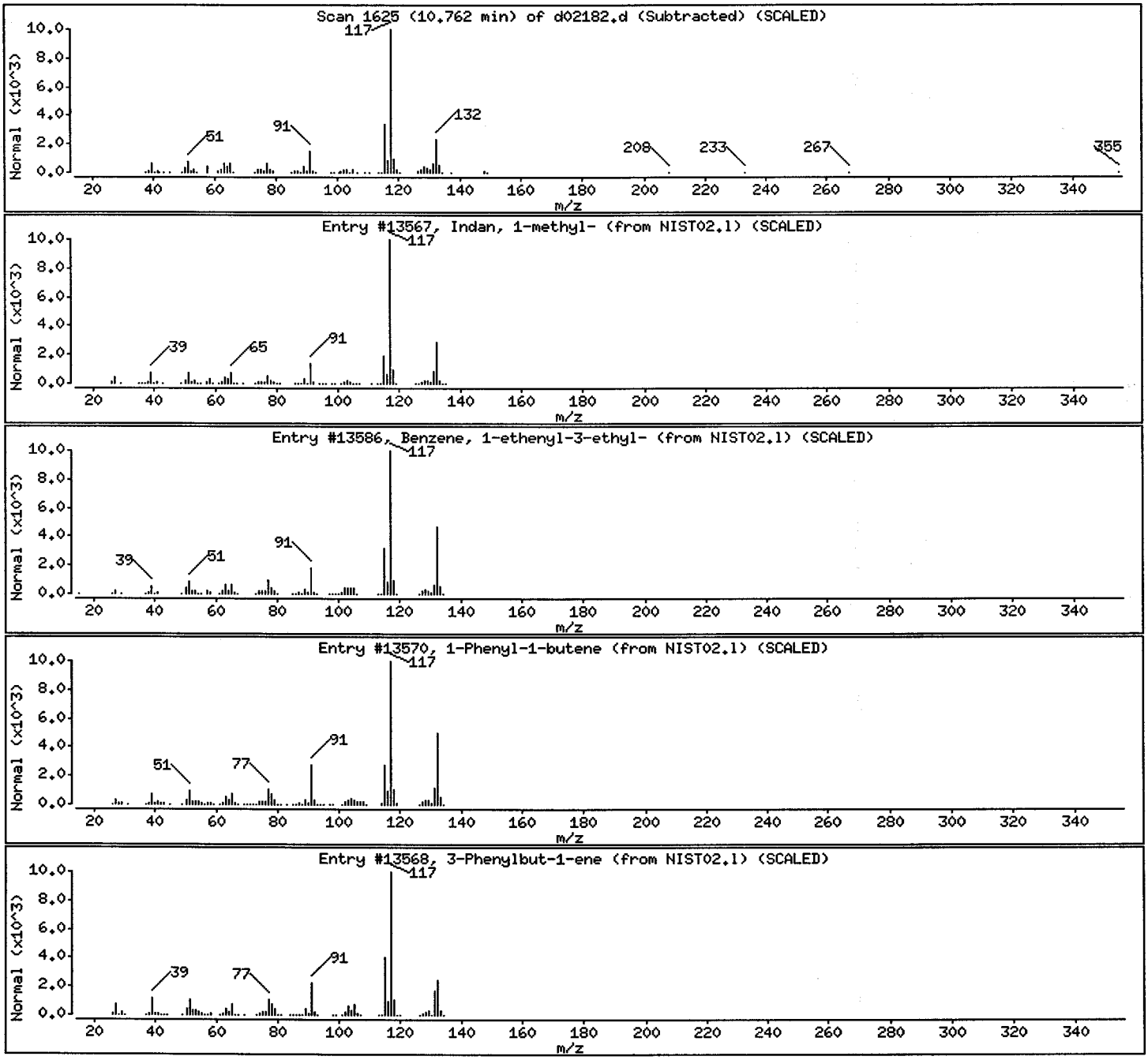
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Indan, 1-methyl-	767-58-8	NIST02.l	13567	90	C10H12	132
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.l	13586	87	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13570	86	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	83	C10H12	132



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

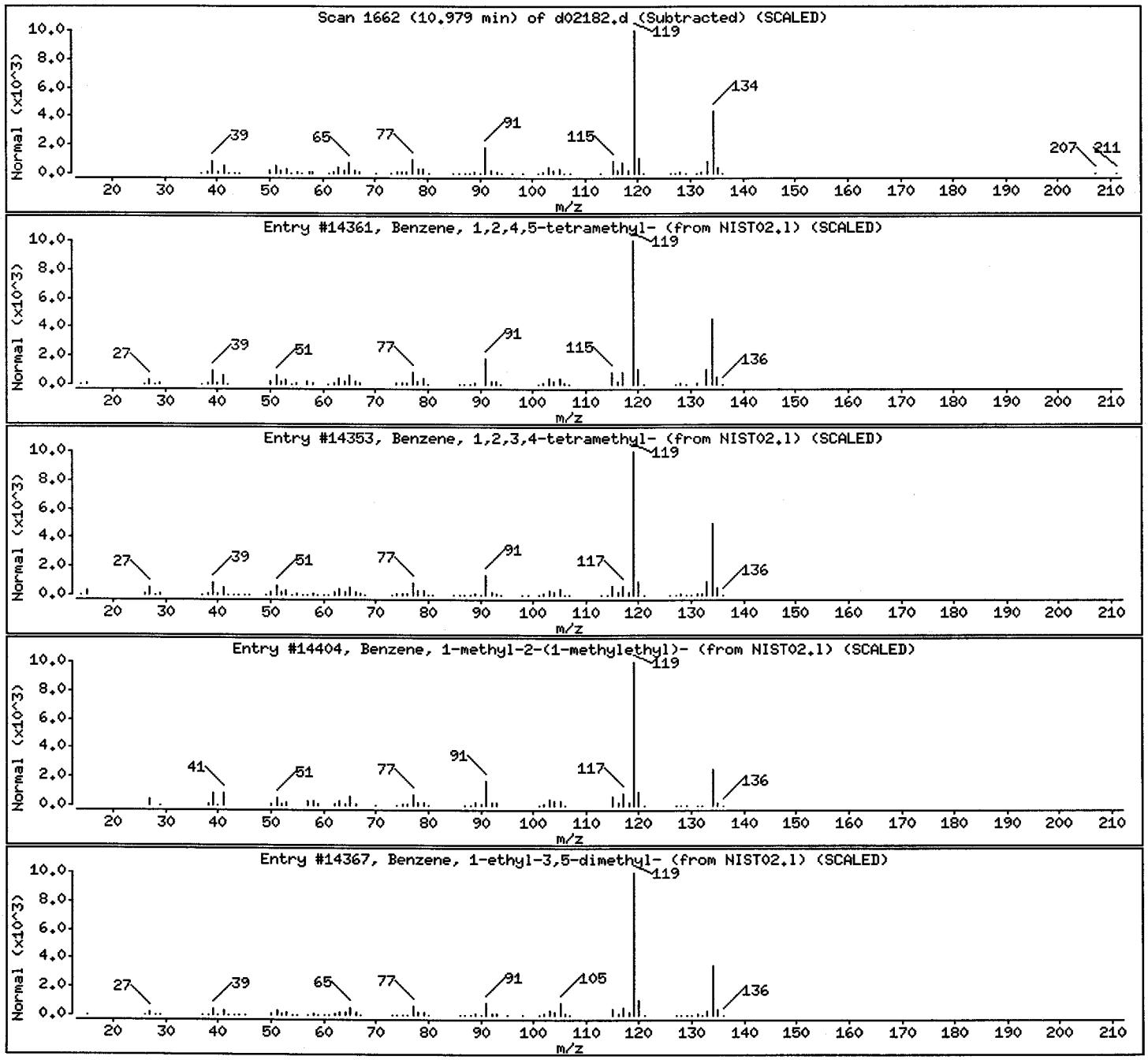
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14404	95	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	94	C10H14	134



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

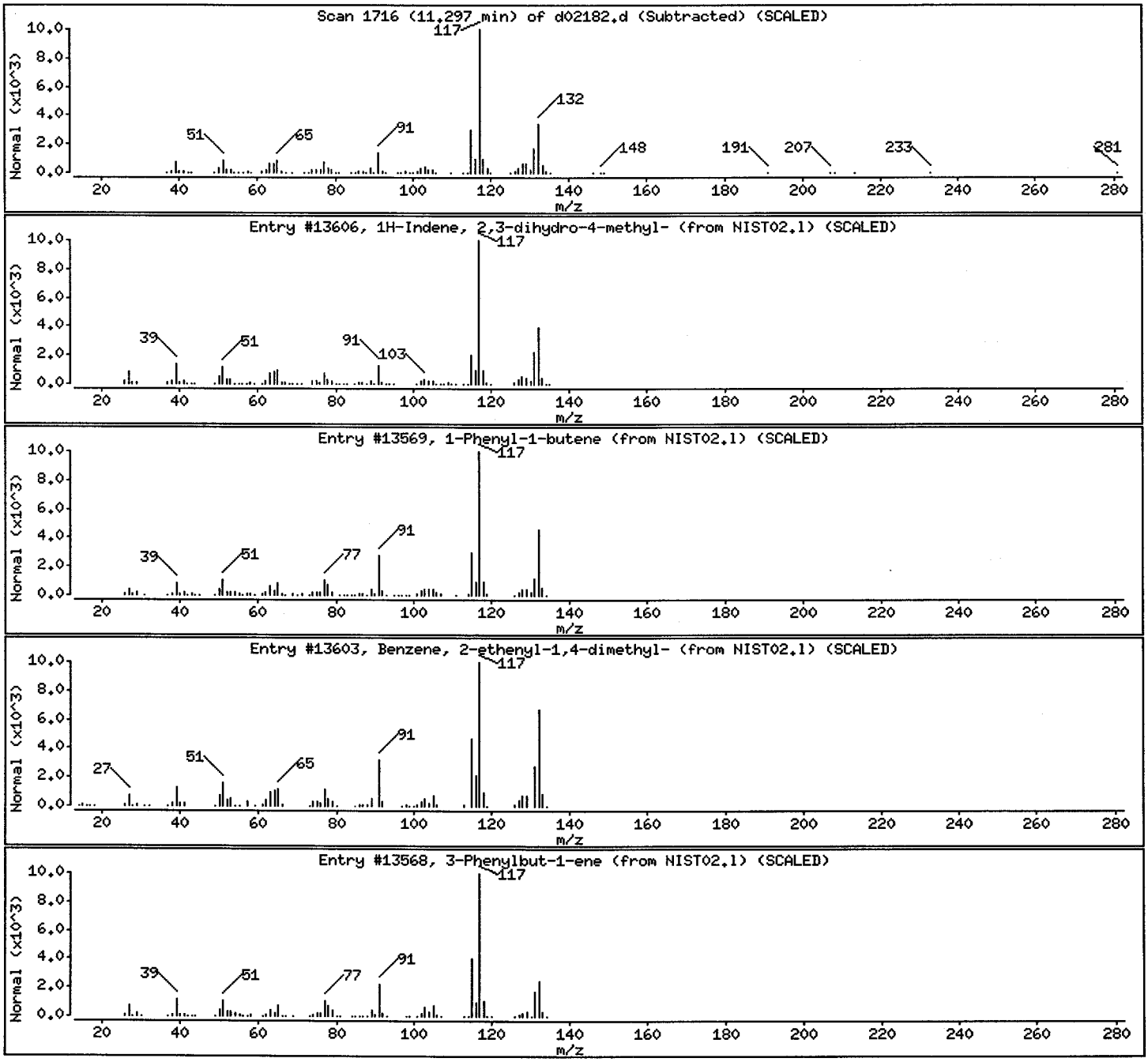
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isomer						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	95	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	94	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	93	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	91	C10H12	132



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

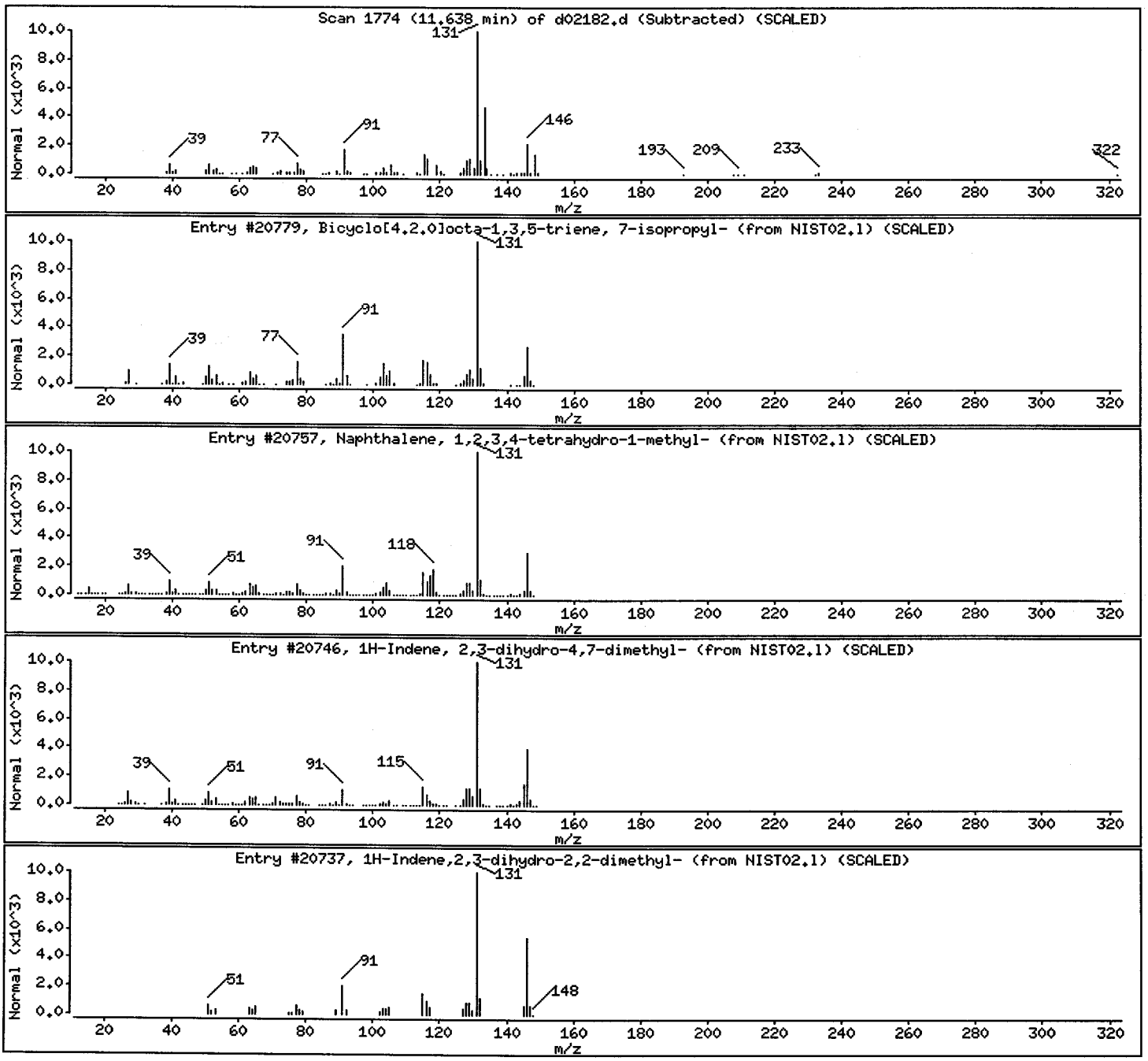
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Bicyclo[4.2.0]octa-1,3,5-triene, 7-isopr	27087-54-3	NIST02.l	20779	70	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.l	20757	70	C11H14	146
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.l	20746	70	C11H14	146
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.l	20737	70	C11H14	146



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02182.d

Date : 07-AUG-2008 15:07

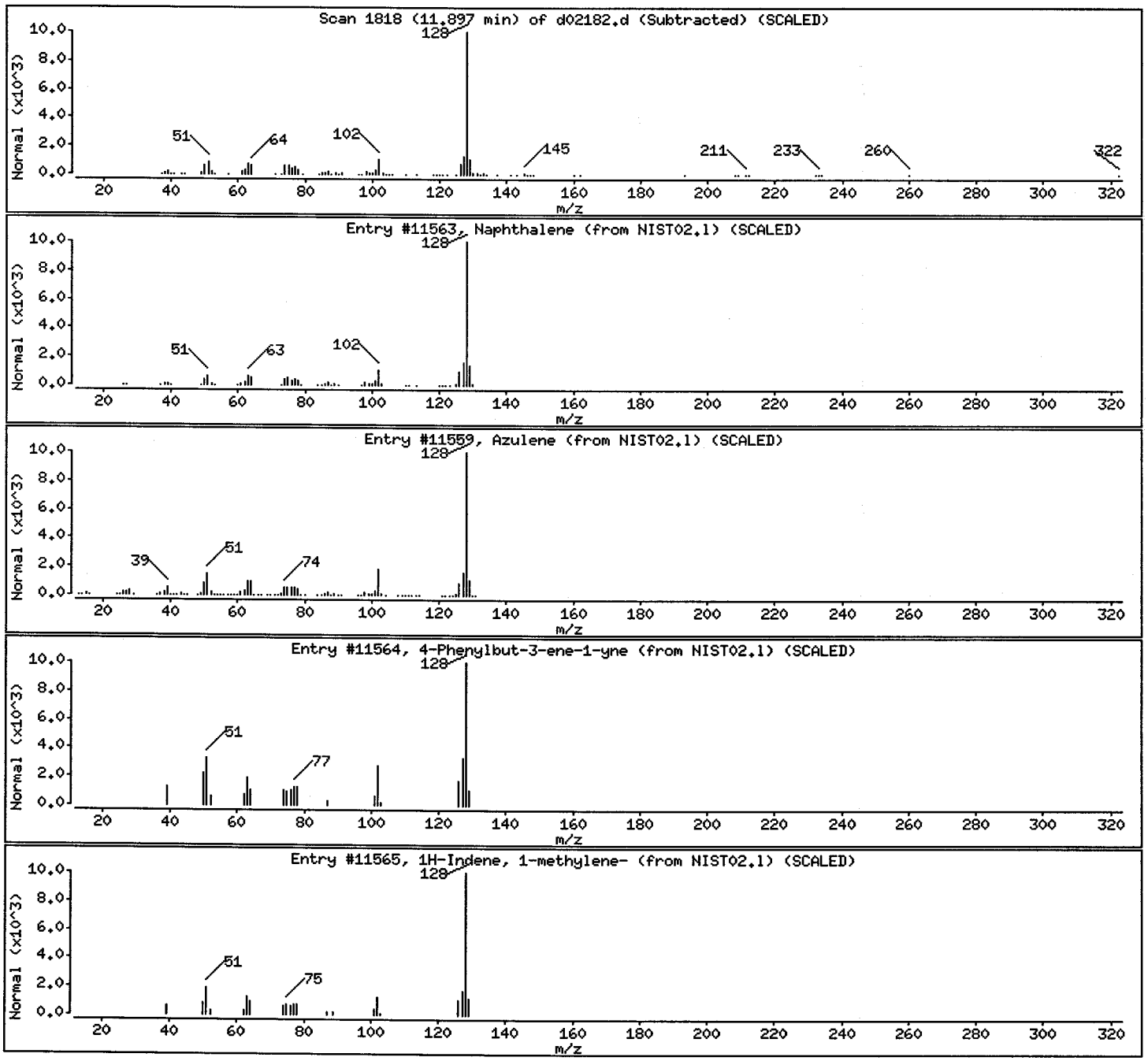
Client ID: 080508-13 Instrument: VOAMS4.i

Sample Info: 940366

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.l	11563	97	C10H8	128
Azulene	275-51-4	NIST02.l	11559	94	C10H8	128
4-Phenylbut-3-ene-1-yne	1000222-12-0	NIST02.l	11564	72	C10H8	128
1H-Indene, 1-methylene-	2471-84-3	NIST02.l	11565	64	C10H8	128



Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02183.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	5.0	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02183.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02183.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02183.d
Report Date: 19-Aug-2008 11:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02183.d
Lab Smp Id: 940367 Client Smp ID: 080508-14
Inj Date : 07-AUG-2008 15:32
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940367
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

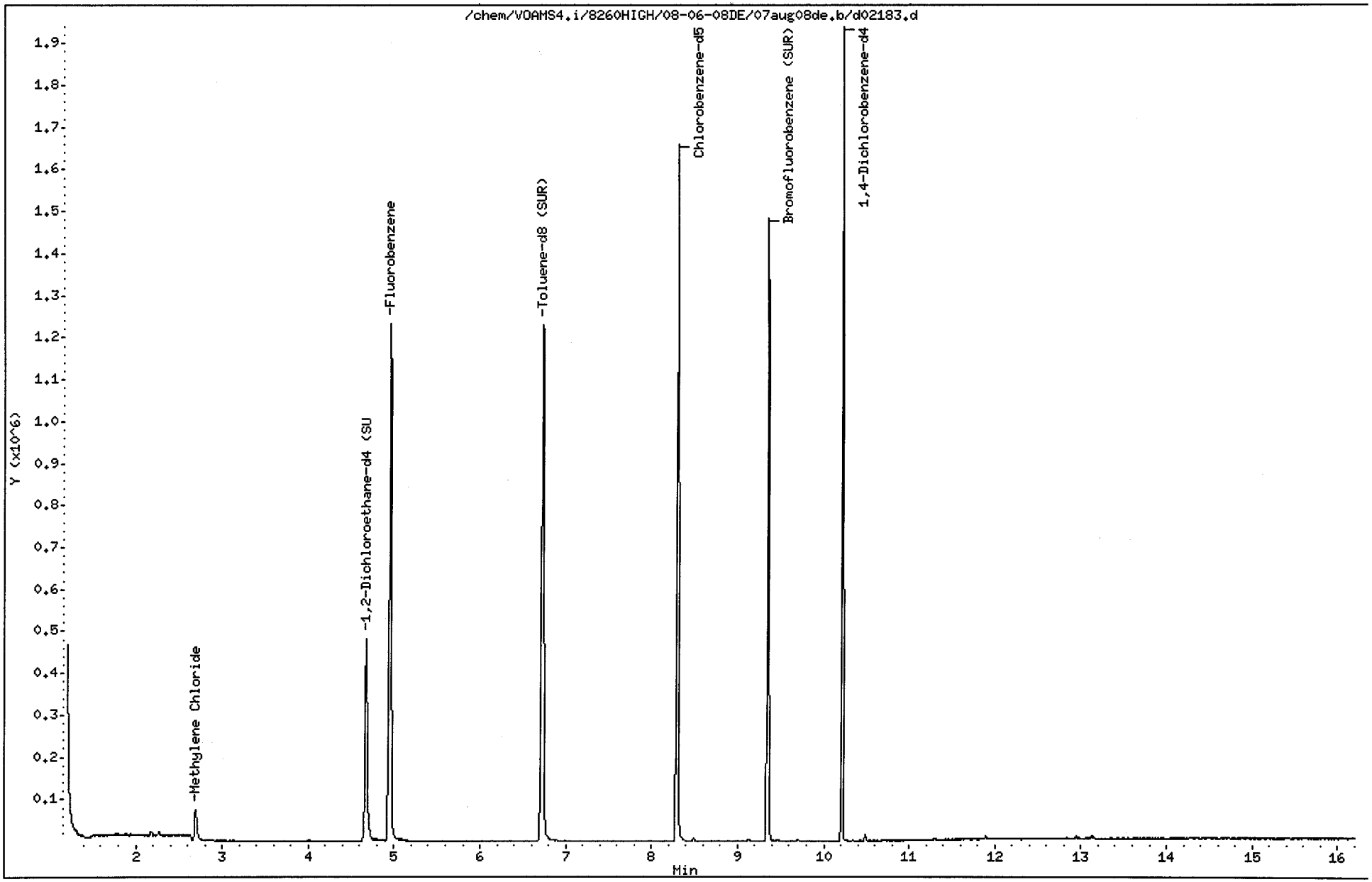
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
6 Methylene Chloride	84	2.692	2.686	(0.544)	29226	4.99362	5.0
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.668	(0.944)	373591	47.6099	48
* 19 Fluorobenzene	96	4.950	4.944	(1.000)	1004812	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.715	(0.810)	796113	53.3181	53
* 32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	673524	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	240272	55.1237	55
* 91 1,4-Dichlorobenzene-d4	152	10.215	10.209	(1.000)	311556	50.0000	

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02183.d
Date : 07-AUG-2008 15:32
Client ID: 080508-14
Sample Info: 940367
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18



TestAmerica Edison

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02183.d

Date : 07-AUG-2008 15:32

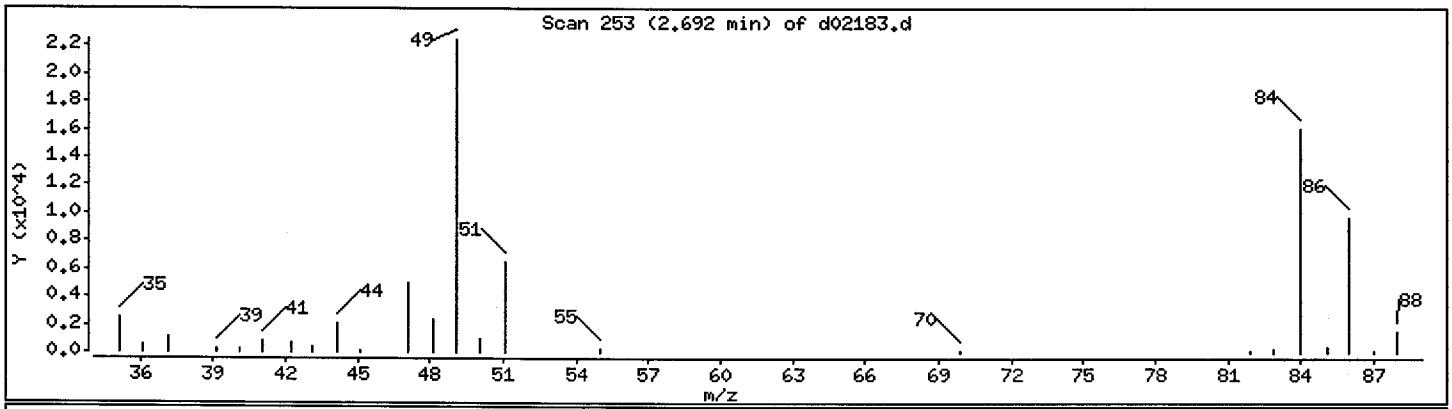
Client ID: 080508-14 Instrument: VOAMS4.i

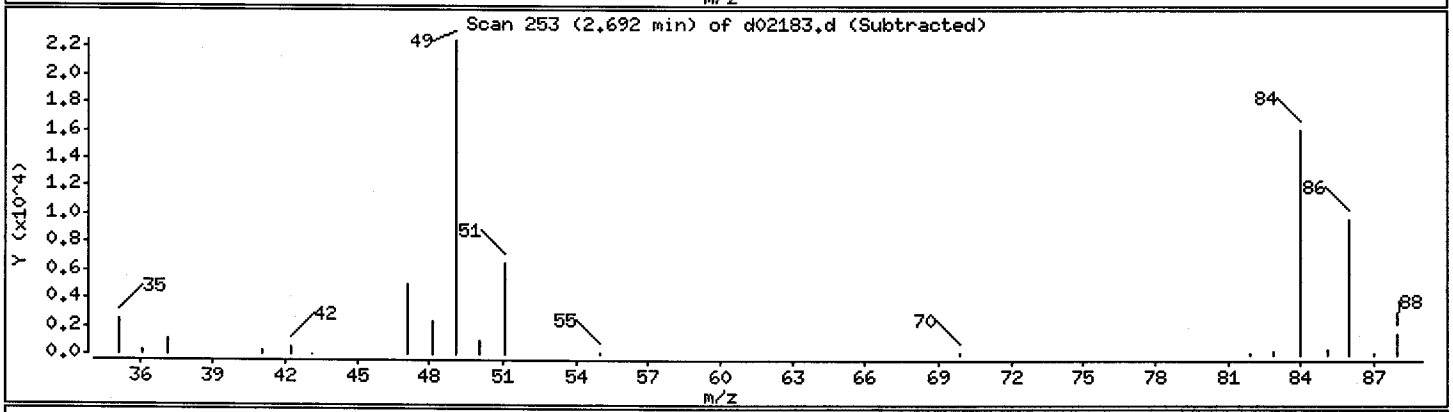
Sample Info: 940367

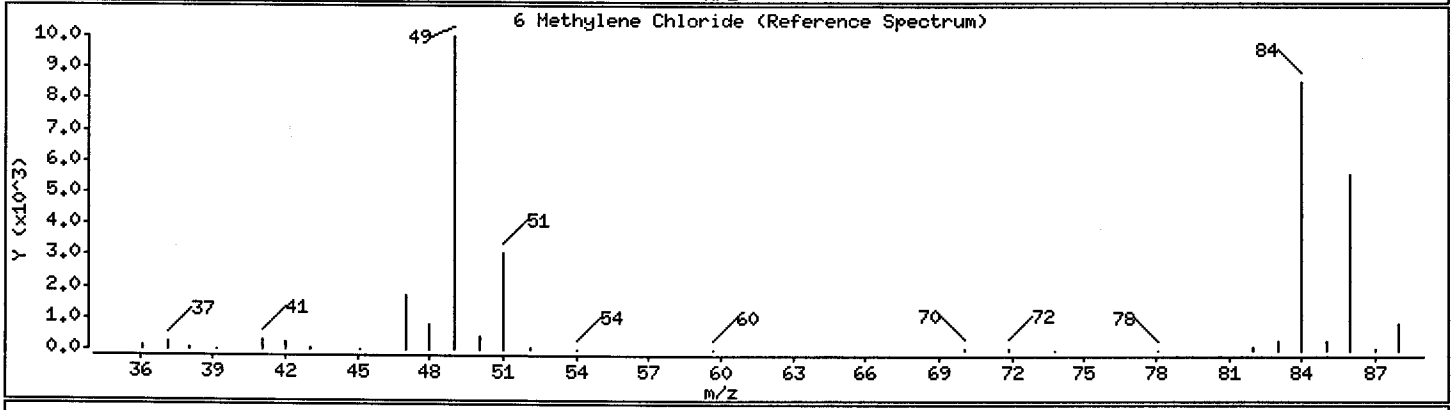
Purge Volume: 5.0 Operator: VOAMS 13

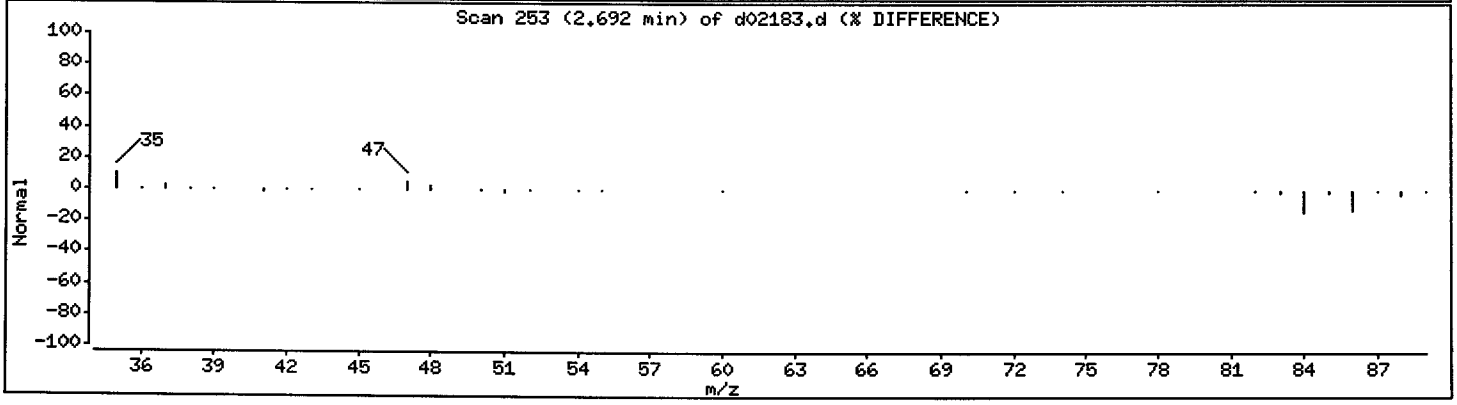
Column phase: Rtx-VMS Column diameter: 0.18

6 Methylene Chloride Concentration: 5.0 ug/L









Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02184.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl Chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	ND	6.0
Acetone	ND	10
Carbon Disulfide	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	4.0
1,1-Dichloroethane	ND	10
trans-1,2-Dichloroethene	ND	10
cis-1,2-Dichloroethene	ND	10
Chloroform	ND	10
1,2-Dichloroethane	ND	4.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	10
Carbon Tetrachloride	ND	4.0
Bromodichloromethane	ND	2.0
1,2-Dichloropropane	ND	2.0
cis-1,3-Dichloropropene	ND	10
Trichloroethene	ND	2.0
Dibromochloromethane	ND	10
1,1,2-Trichloroethane	ND	6.0
Benzene	ND	2.0
trans-1,3-Dichloropropene	ND	10
Bromoform	ND	8.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	2.0
1,1,2,2-Tetrachloroethane	ND	2.0
Toluene	120	10
Chlorobenzene	ND	10
Ethylbenzene	17	8.0
Styrene	ND	10

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02184.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	23	10
Freon TF	ND	10
MTBE	ND	10
Cyclohexane	ND	10
1,2-Dibromoethane	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10
Dichlorodifluoromethane	ND	10
1,2,4-Trichlorobenzene	ND	10
1,2-Dibromo-3-chloropropane	ND	10
Isopropylbenzene	ND	10
Methyl Acetate	ND	10
Methyl Cyclohexane	ND	10

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02184.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02184.d
Report Date: 19-Aug-2008 11:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02184.d
Lab Smp Id: 940368 Client Smp ID: 080508-15
Inj Date : 07-AUG-2008 15:56
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940368;2
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 23
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.668	(0.944)	376529	49.8089	50
*	19 Fluorobenzene	96	4.950	4.944	(1.000)	968004	50.0000	
$	37 Toluene-d8 (SUR)	98	6.727	6.715	(0.811)	765645	52.4761	52
	38 Toluene	91	6.786	6.780	(0.818)	1247293	62.4566	120
*	32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	658140	50.0000	
	40 Ethylbenzene	106	8.356	8.356	(1.007)	55624	8.58715	17
	43 m+p-Xylene	106	8.497	8.491	(1.024)	70487	8.37831	17(a)
	44 o-Xylene	106	8.862	8.856	(1.068)	21880	2.84377	5.7(a)
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	235933	55.2155	55
*	91 1,4-Dichlorobenzene-d4	152	10.215	10.209	(1.000)	305421	50.0000	
M	45 Xylene (Total)	100				92367	11.3010	23

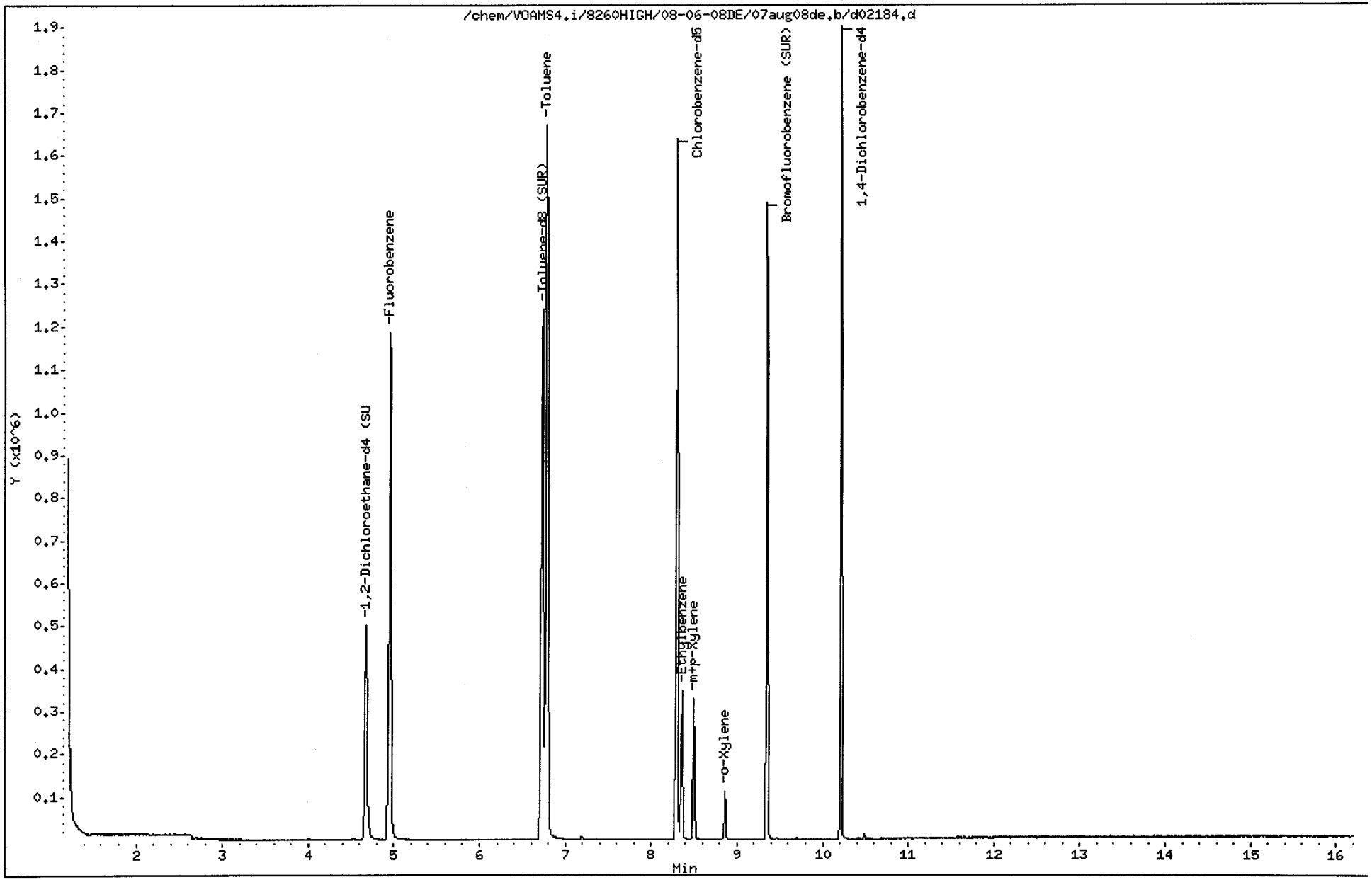
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02184.d
Date : 07-AUG-2008 15:56
Client ID: 080508-15
Sample Info: 940368;2
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i

Operator: VOAMS 13
Column diameter: 0.18



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02184.d

Date : 07-AUG-2008 15:56

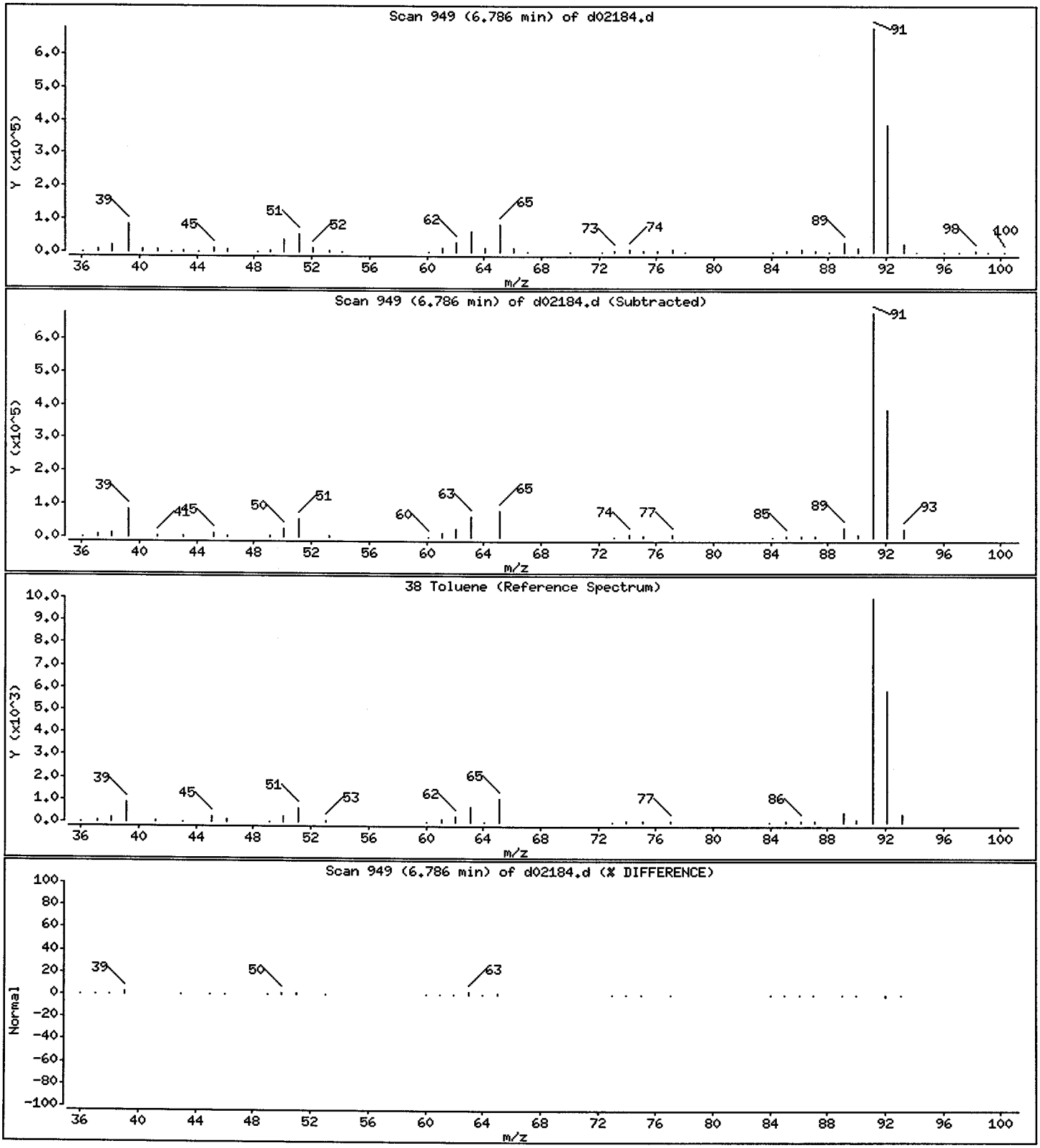
Client ID: 080508-15 Instrument: VOAMS4.i

Sample Info: 940368;2

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 120 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02184.d

Date : 07-AUG-2008 15:56

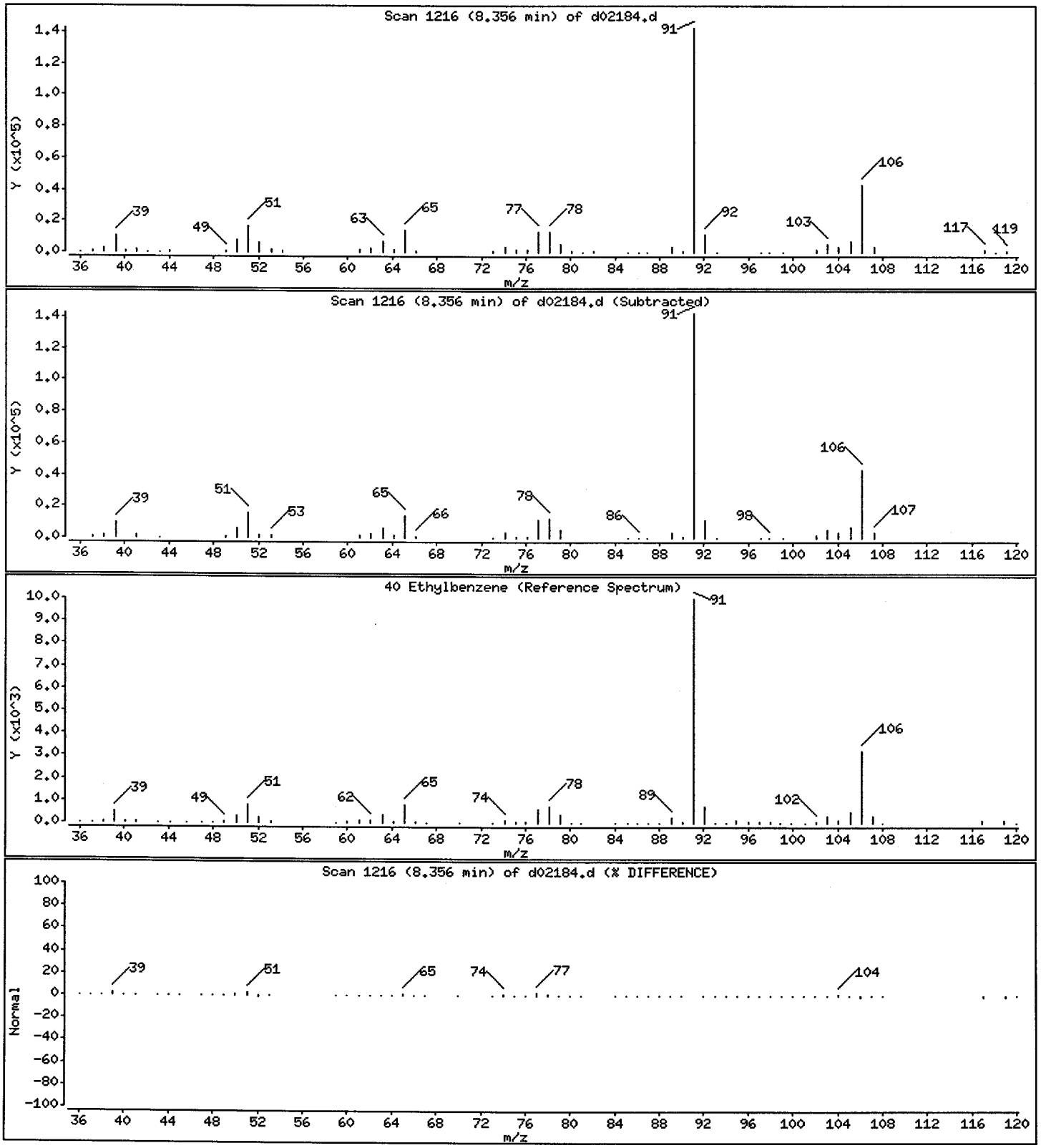
Client ID: 080508-15 Instrument: VOAMS4.i

Sample Info: 940368;2

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 17 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02184.d

Date : 07-AUG-2008 15:56

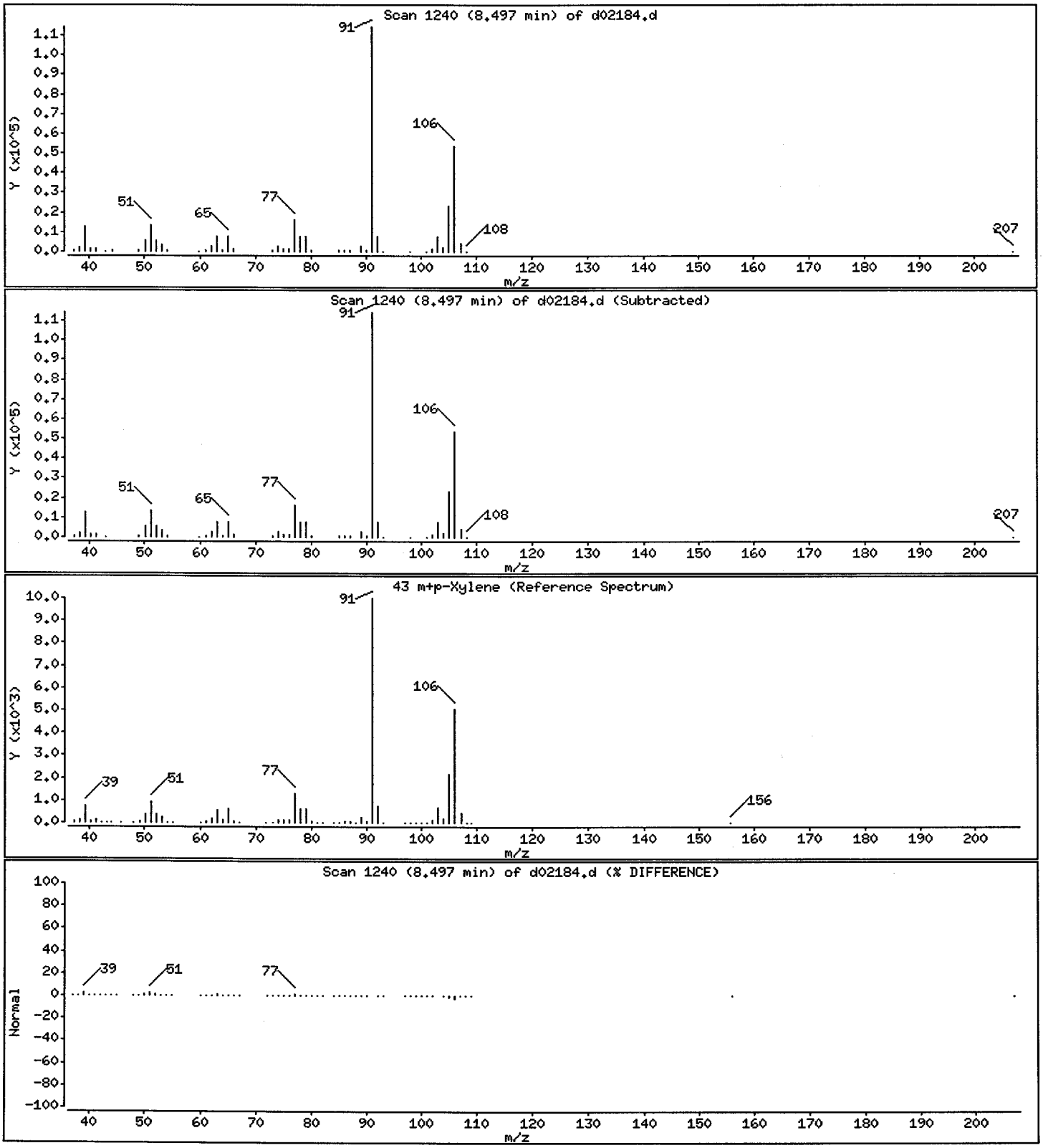
Client ID: 080508-15 Instrument: VOAMS4.i

Sample Info: 940368;2

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 17 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02184.d

Date : 07-AUG-2008 15:56

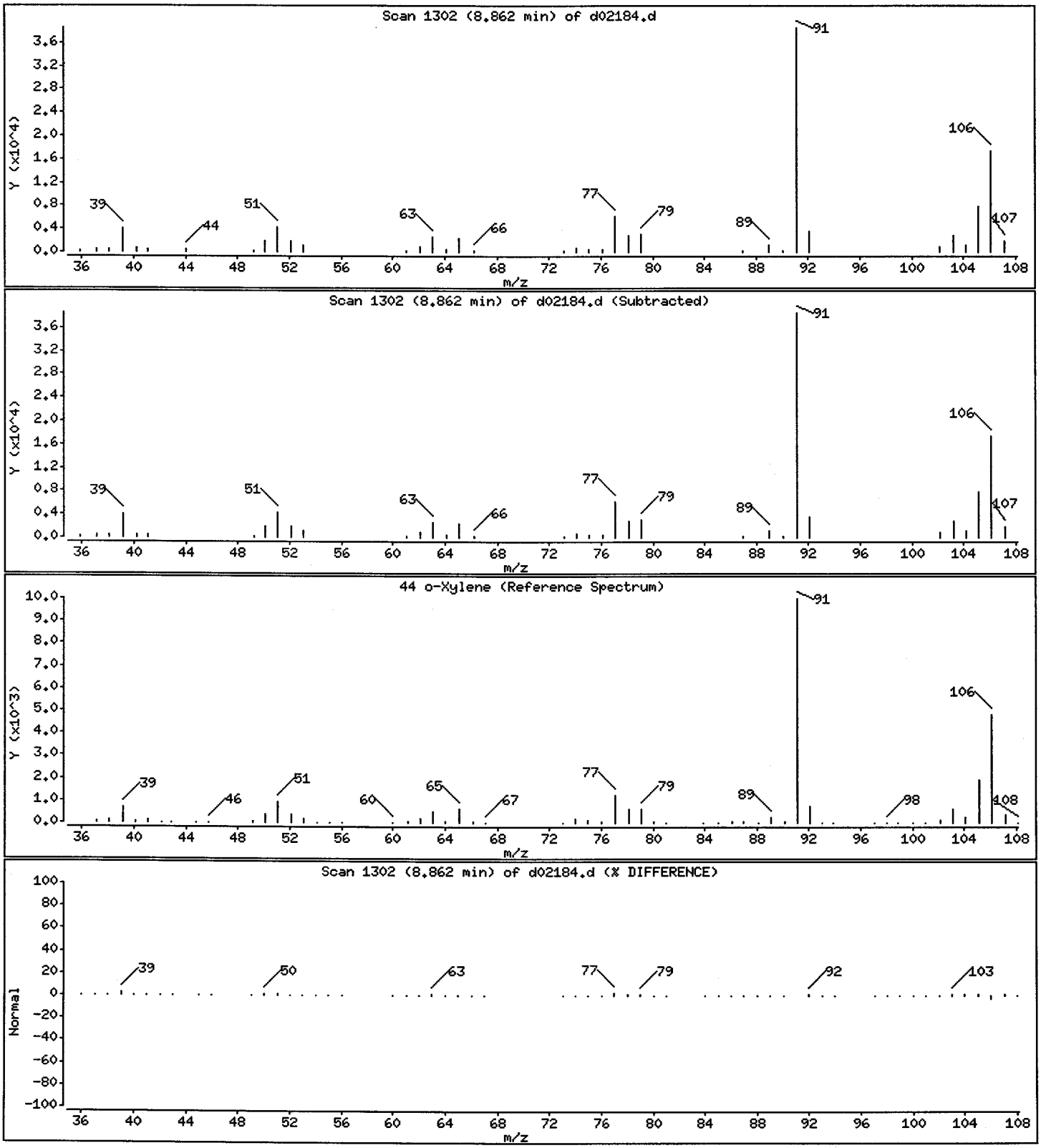
Client ID: 080508-15 Instrument: VOAMS4.i

Sample Info: 940368;2

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 5.7 ug/L



Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02185.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	100	5.0
Chlorobenzene	0.8J	5.0
Ethylbenzene	23	4.0
Styrene	ND	5.0

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02185.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	41	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	0.4J	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02185.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d
Report Date: 19-Aug-2008 11:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d
Lab Smp Id: 940369 Client Smp ID: 080508-16
Inj Date : 07-AUG-2008 16:20
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940369
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

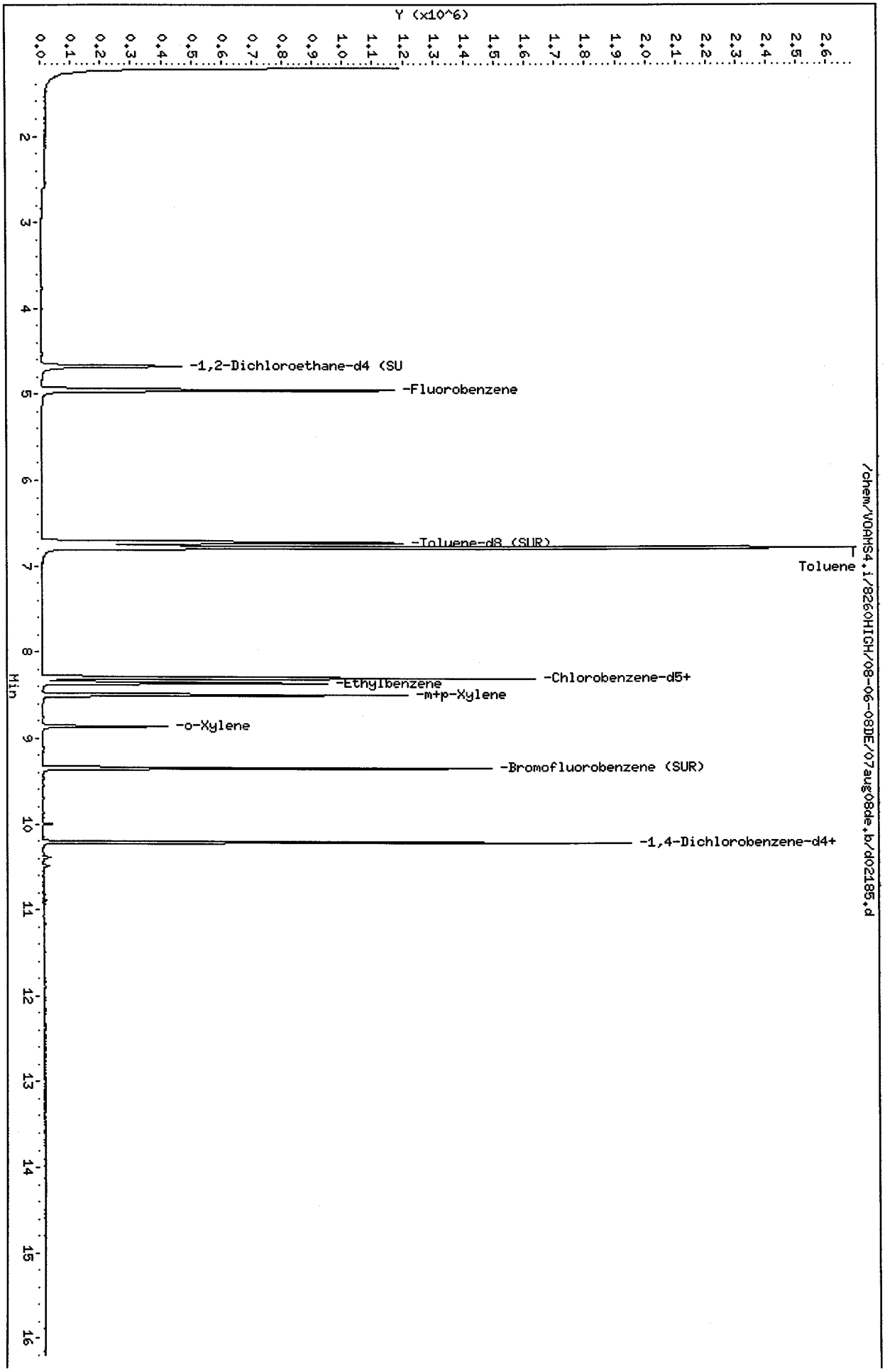
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.668	(0.944)	366289	49.2020	49
* 19 Fluorobenzene	96	4.950	4.944	(1.000)	953295	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.727	6.715	(0.811)	749120	52.3293	52
38 Toluene	91	6.786	6.780	(0.818)	2002785	102.212	100
* 32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	645742	50.0000	
39 Chlorobenzene	112	8.309	8.309	(1.001)	9578	0.76638	0.77(a)
40 Ethylbenzene	106	8.356	8.356	(1.007)	147838	23.2612	23
43 m+p-Xylene	106	8.491	8.491	(1.023)	253380	30.6958	31
44 o-Xylene	106	8.862	8.856	(1.068)	76840	10.1788	10
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	240393	55.6628	56
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	308694	50.0000	
68 1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	3834	0.40013	0.40(a)
M 45 Xylene (Total)	100				330220	41.1777	41

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d
Report Date: 19-Aug-2008 11:37

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d
Date : 07-AUG-2008 16:20
Client ID: 080508-16
Sample Info: 940369
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d

Date : 07-AUG-2008 16:20

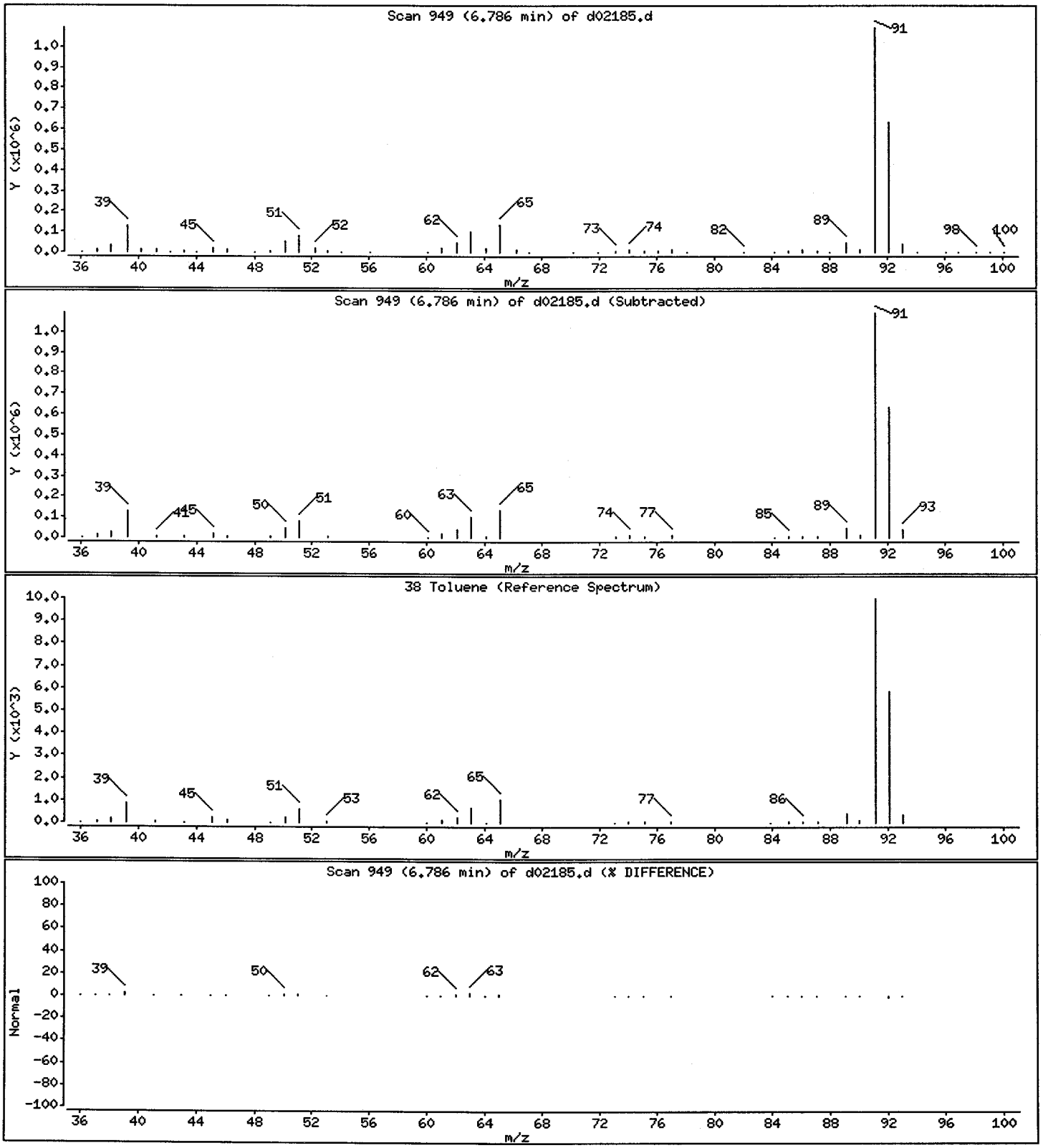
Client ID: 080508-16 Instrument: VOAMS4.i

Sample Info: 940369

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

38 Toluene Concentration: 100 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d

Date : 07-AUG-2008 16:20

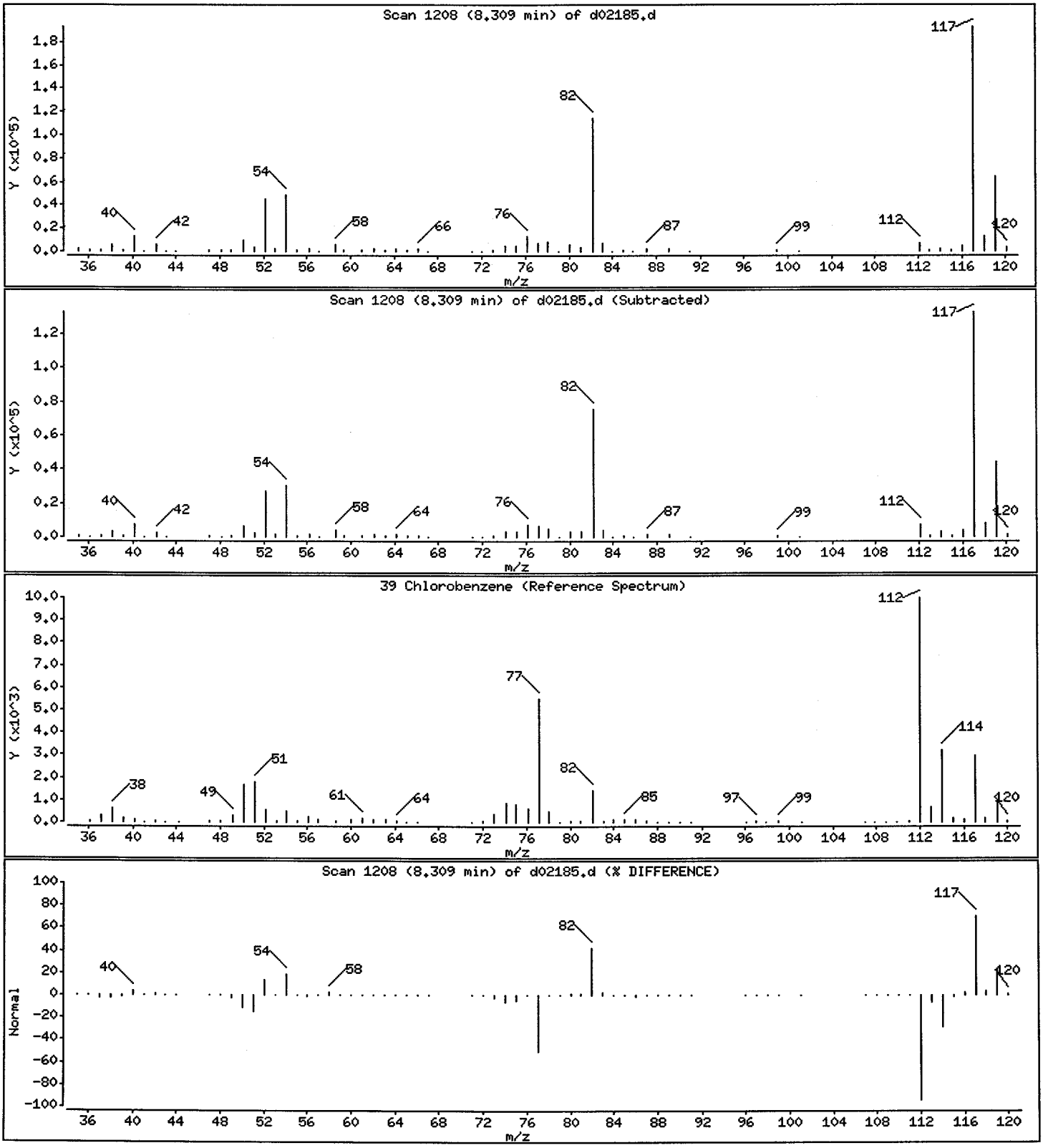
Client ID: 080508-16 Instrument: VOAMS4.i

Sample Info: 940369

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

39 Chlorobenzene Concentration: 0.77 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d

Date : 07-AUG-2008 16:20

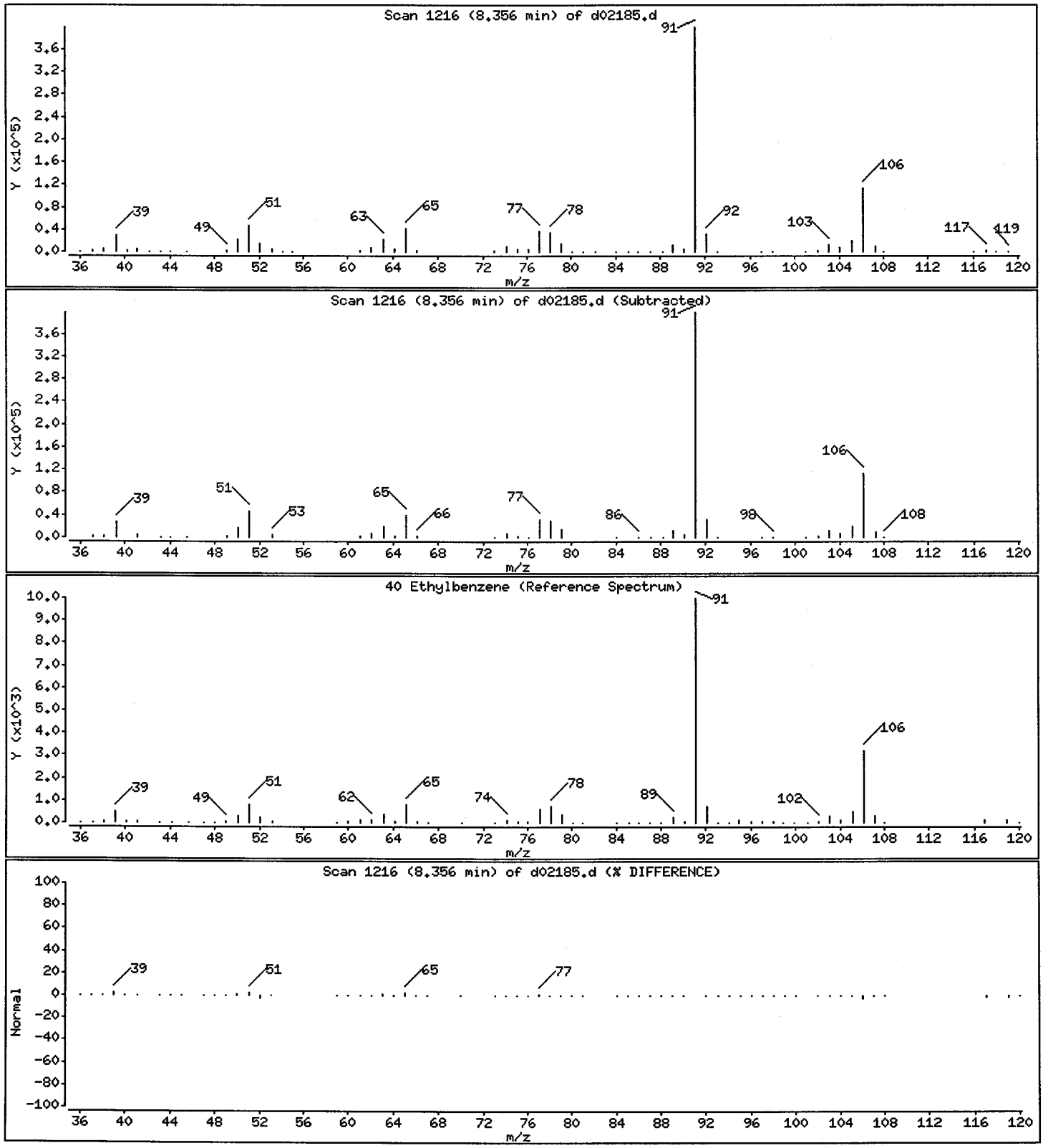
Client ID: 080508-16 Instrument: VOAMS4.i

Sample Info: 940369

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

40 Ethylbenzene Concentration: 23 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d

Date : 07-AUG-2008 16:20

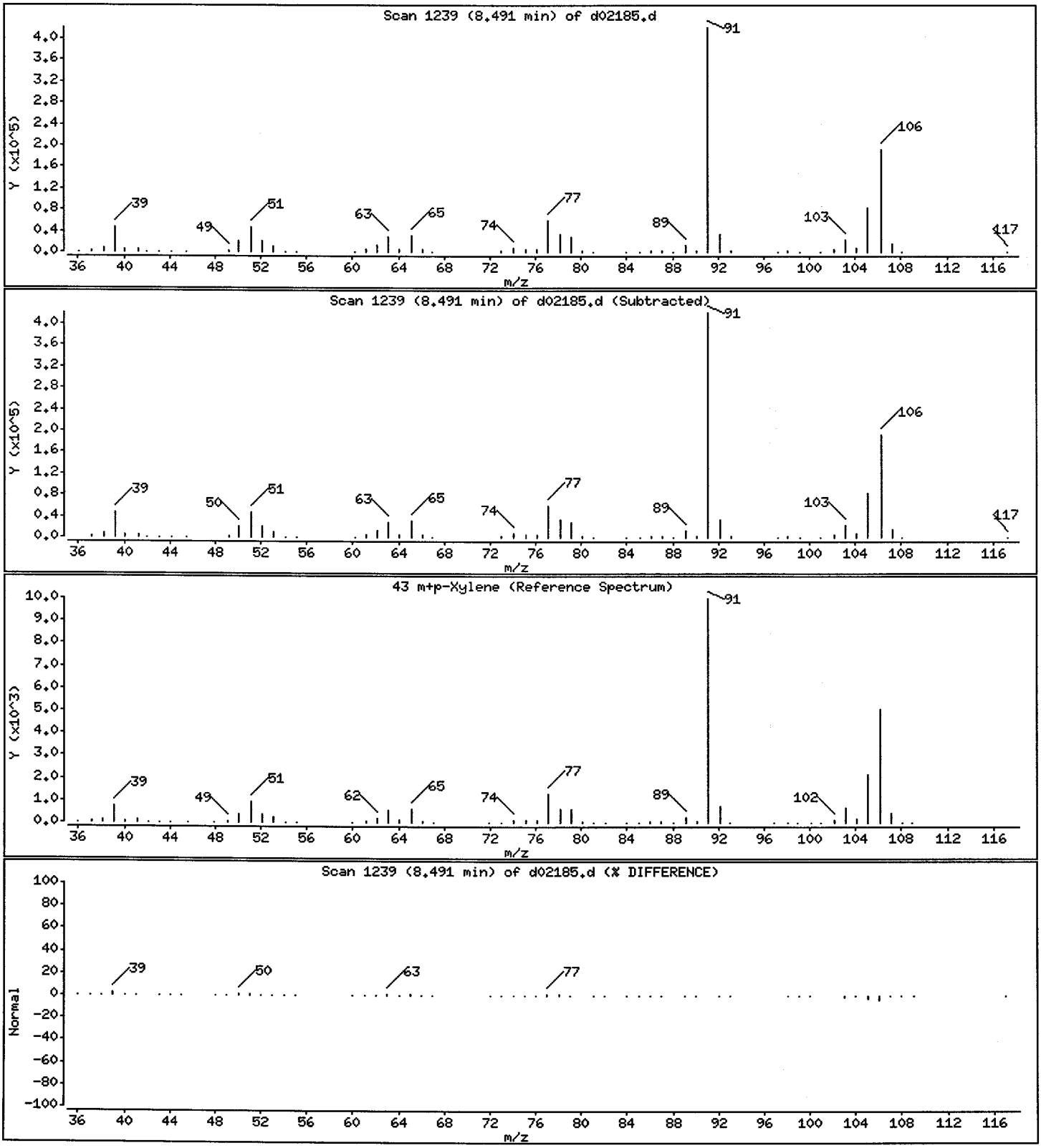
Client ID: 080508-16 Instrument: VOAMS4.i

Sample Info: 940369

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

43 m+p-Xylene Concentration: 31 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d

Date : 07-AUG-2008 16:20

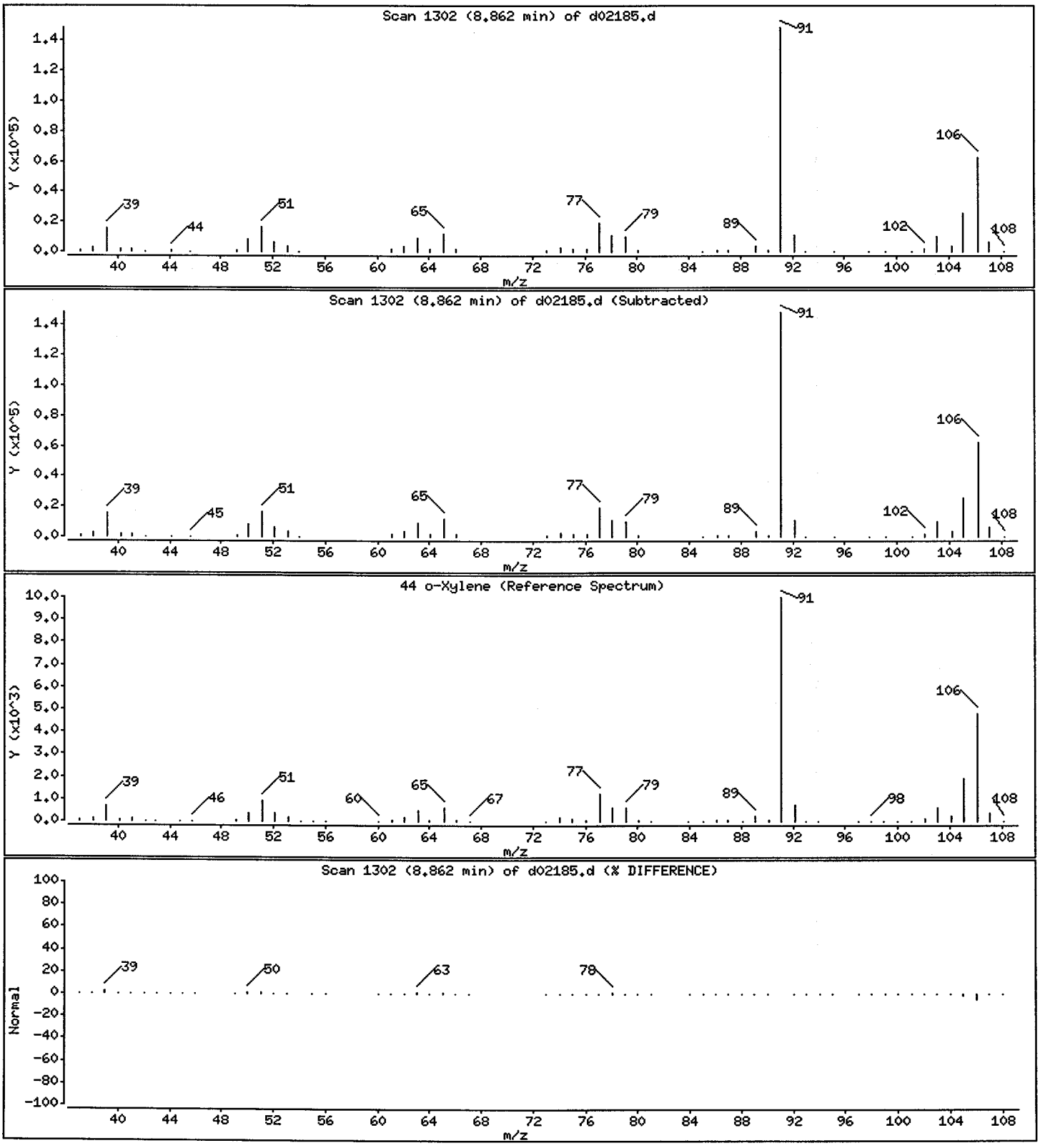
Client ID: 080508-16 Instrument: VOAMS4.i

Sample Info: 940369

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

44 o-Xylene Concentration: 10 ug/L



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02185.d

Date : 07-AUG-2008 16:20

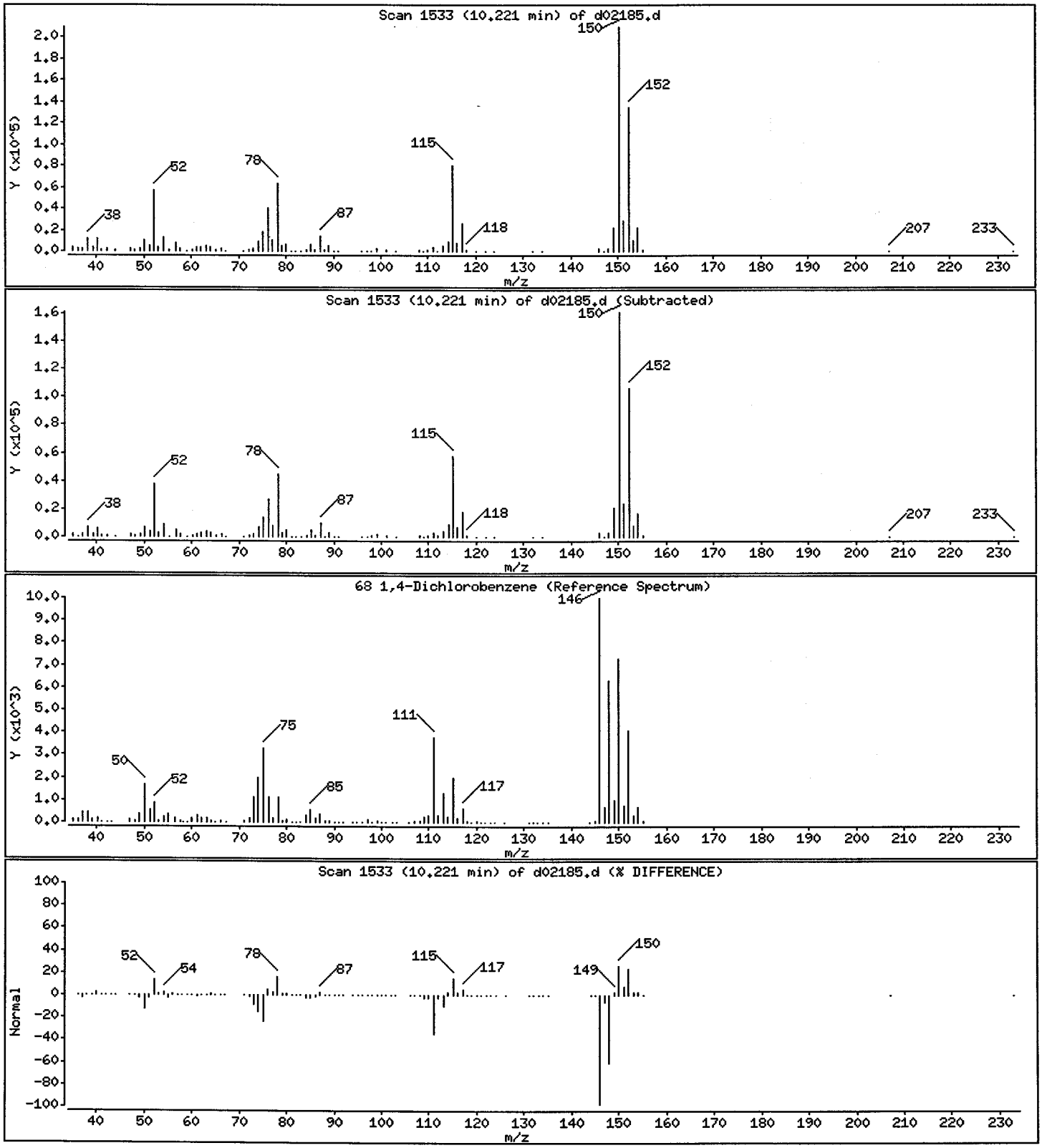
Client ID: 080508-16 Instrument: VOAMS4.i

Sample Info: 940369

Purge Volume: 5.0 Operator: VOAMS 13

Column phase: Rtx-VMS Column diameter: 0.18

68 1,4-Dichlorobenzene Concentration: 0.40 ug/L



Client ID: **080508-TB**
Site: GM Wilmington-17338

Lab Sample No: **940370**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02168.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	7.1	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0

Client ID: **080508-TB**
Site: GM Wilmington-17338

Lab Sample No: **940370**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02168.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	5.0
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **080508-TB**
Site: GM Wilmington-17338

Lab Sample No: **940370**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02168.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02168.d
Report Date: 19-Aug-2008 11:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02168.d
Lab Smp Id: 940370 Client Smp ID: 080508-TB
Inj Date : 07-AUG-2008 09:30
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940370
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 19-Aug-2008 09:34 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-42List.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

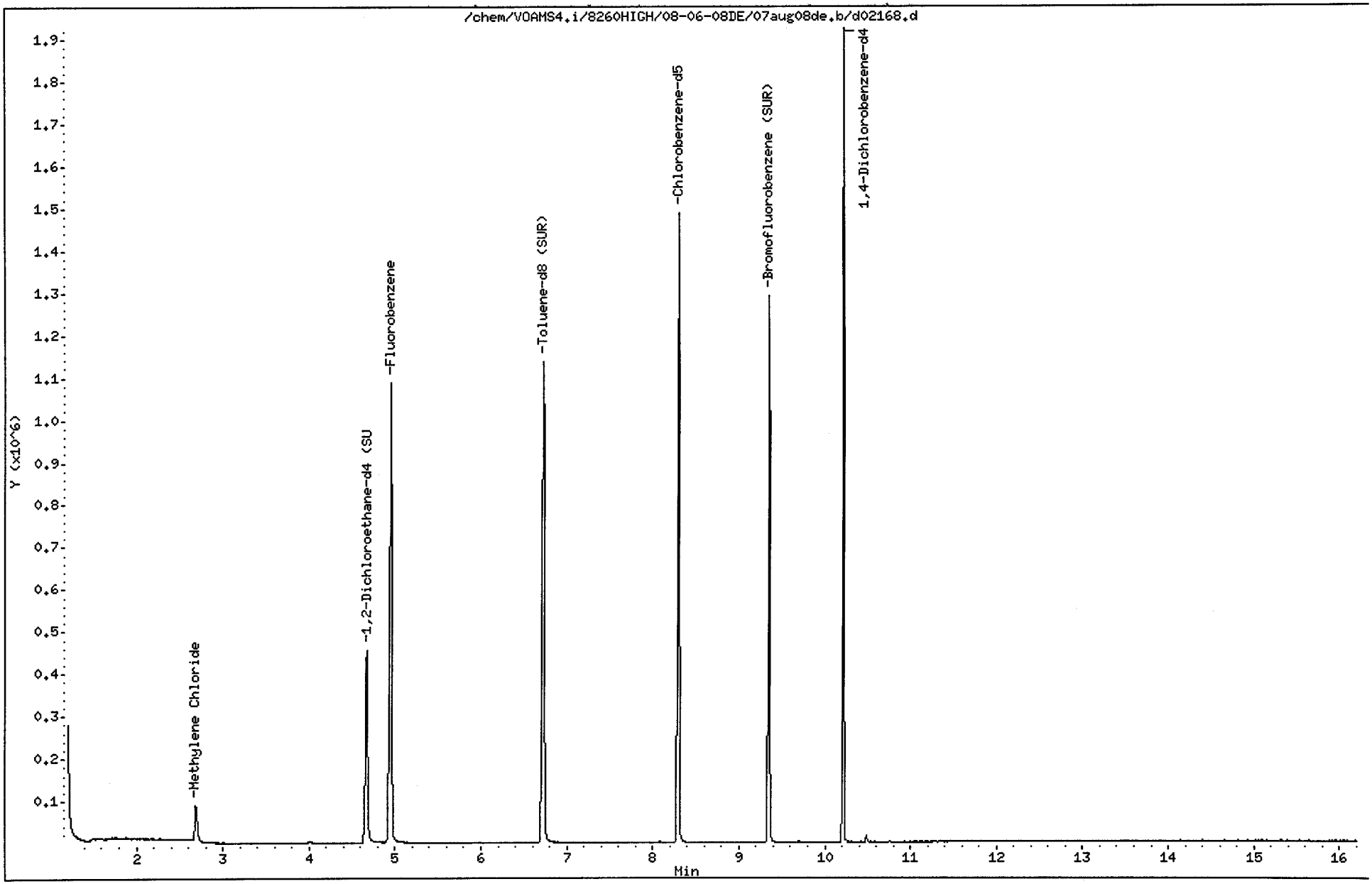
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
6 Methylene Chloride	84	2.686	2.686	(0.543)	34423	7.14091	7.1
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	340115	52.6242	53
* 19 Fluorobenzene	96	4.945	4.944	(1.000)	827610	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.715	(0.811)	668320	52.6557	53
* 32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	572521	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	191201	51.9553	52
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	263046	50.0000	

confirmed d02218.d

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02168.d
Date : 07-AUG-2008 09:30
Client ID: 080508-TB
Sample Info: 940370
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i

Operator: VOAMS 13
Column diameter: 0.18



464

TestAmerica Edison

X765

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02168.d

Date : 07-AUG-2008 09:30

Client ID: 080508-TB

Instrument: VOAMS4.i

Sample Info: 940370

Purge Volume: 5.0

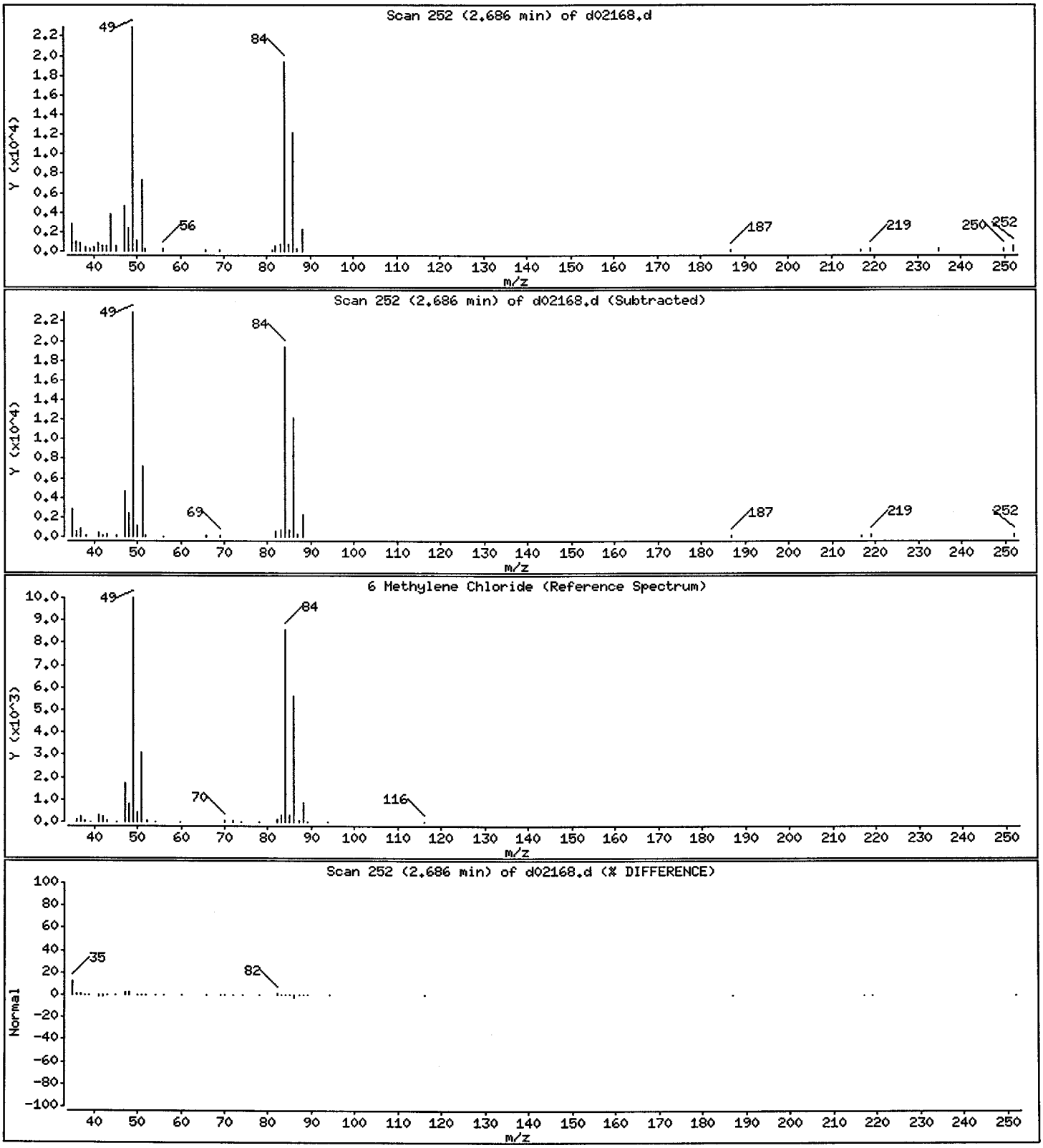
Operator: VOAMS 13

Column phase: Rtx-VMS

Column diameter: 0.18

6 Methylene Chloride

Concentration: 7.1 ug/L



Tuning Results Summary

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: D02148

BFB Injection Date: 08/06/08

Instrument ID: VOAMS4

BFB Injection Time: 0940

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.5
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.7)1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	4.6 (6.9)1
176	95.0 - 101.0% of mass 174	66.1 (98.2)1
177	5.0 - 9.0% of mass 176	4.2 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	DSTD005	DSTD005	D02149	08/06/08	1022
02	DSTD010	DSTD010	D02151	08/06/08	1109
03	DSTD020	DSTD020	D02152	08/06/08	1133
04	DSTD050	DSTD050	D02153	08/06/08	1156
05	DSTD100	DSTD100	D02154	08/06/08	1220
06	DSTD200	DSTD200	D02155	08/06/08	1243
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02148.d

Date : 06-AUG-2008 09:40

Client ID:

Instrument: VOAMS4.i

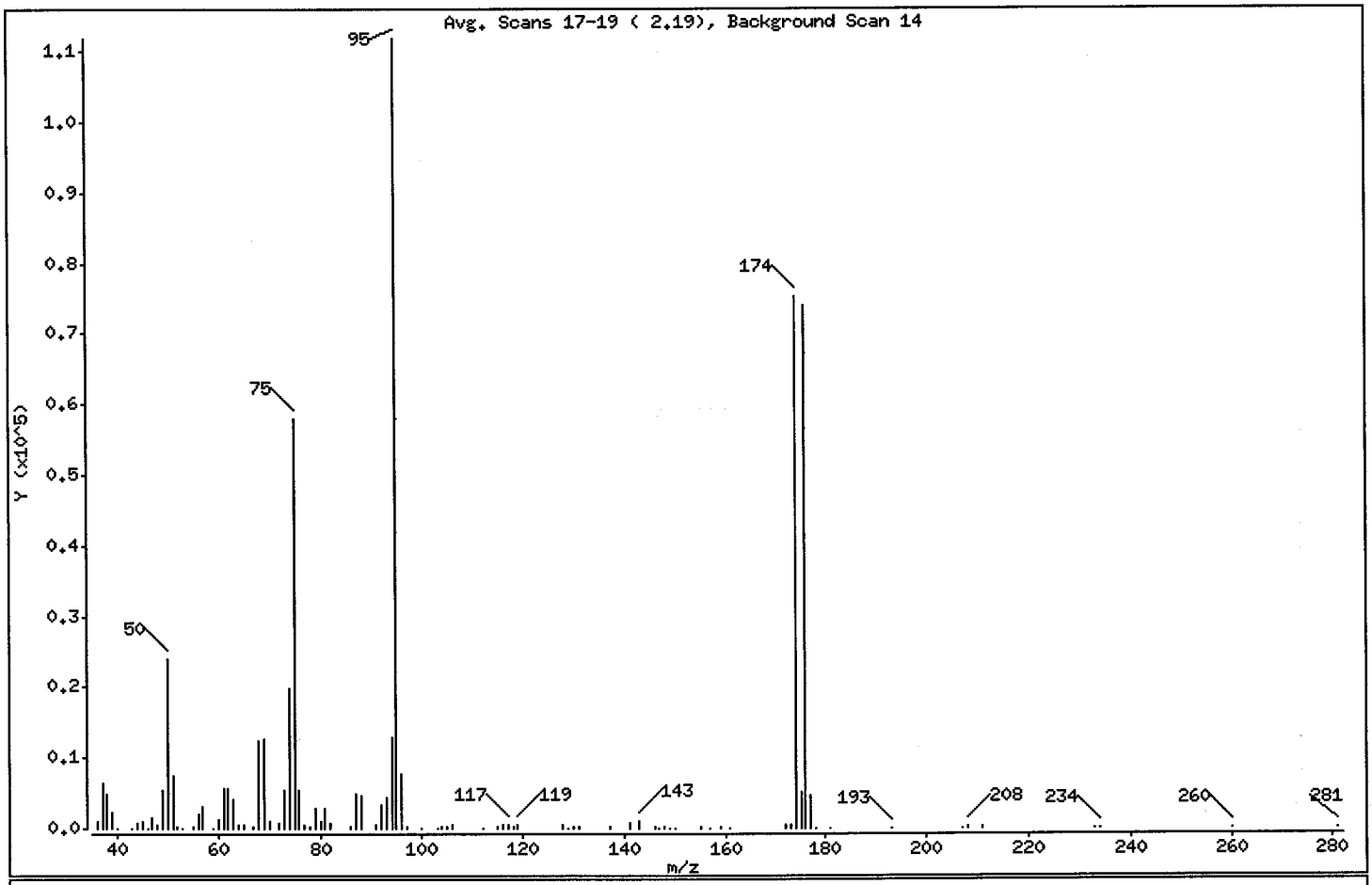
Sample Info: DBFB219

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.52
75	30.00 - 60.00% of mass 95	51.93
96	5.00 - 9.00% of mass 95	6.87
173	Less than 2.00% of mass 174	0.45 (0.67)
174	50.00 - 100.00% of mass 95	67.34
175	5.00 - 9.00% of mass 174	4.64 (6.90)
176	95.00 - 101.00% of mass 174	66.11 (98.18)
177	5.00 - 9.00% of mass 176	4.16 (6.29)

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02148.d

Date : 06-AUG-2008 09:40

Client ID:

Instrument: VOAMS4.i

Sample Info: DBFB219

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

Data File: d02148.d
Spectrum: Avg. Scans 17-19 (2.19), Background Scan 14
Location of Maximum: 95.00
Number of points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1082	64.00	540	95.00	111832	149.00	60
37.00	6402	65.00	394	96.00	7684	150.00	81
38.00	4989	67.00	327	97.00	326	155.00	279
39.00	2272	68.00	12427	100.00	79	157.00	122
40.00	96	69.00	12742	103.00	82	159.00	208
43.00	95	70.00	1081	104.00	384	161.00	58
44.00	882	72.00	647	105.00	157	172.00	411
45.00	1026	73.00	5324	106.00	414	173.00	508
46.00	127	74.00	19904	112.00	68	174.00	75304
47.00	1594	75.00	58072	115.00	168	175.00	5194
48.00	628	76.00	5436	116.00	419	176.00	73936
49.00	5509	77.00	624	117.00	628	177.00	4647
50.00	24064	78.00	385	118.00	377	178.00	54
51.00	7420	79.00	2948	119.00	573	181.00	50
52.00	331	80.00	933	128.00	400	193.00	64
53.00	127	81.00	2916	129.00	73	207.00	74
55.00	312	82.00	772	130.00	232	208.00	148
56.00	1965	86.00	218	131.00	167	211.00	131
57.00	3206	87.00	4895	137.00	183	233.00	33
59.00	61	88.00	4636	141.00	815	234.00	58
60.00	1274	91.00	434	143.00	997	260.00	71
61.00	5752	92.00	3455	146.00	159	281.00	45
62.00	5747	93.00	4329	147.00	72		
63.00	4235	94.00	12966	148.00	272		

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02148.d

Date : 06-AUG-2008 09:40

Client ID:

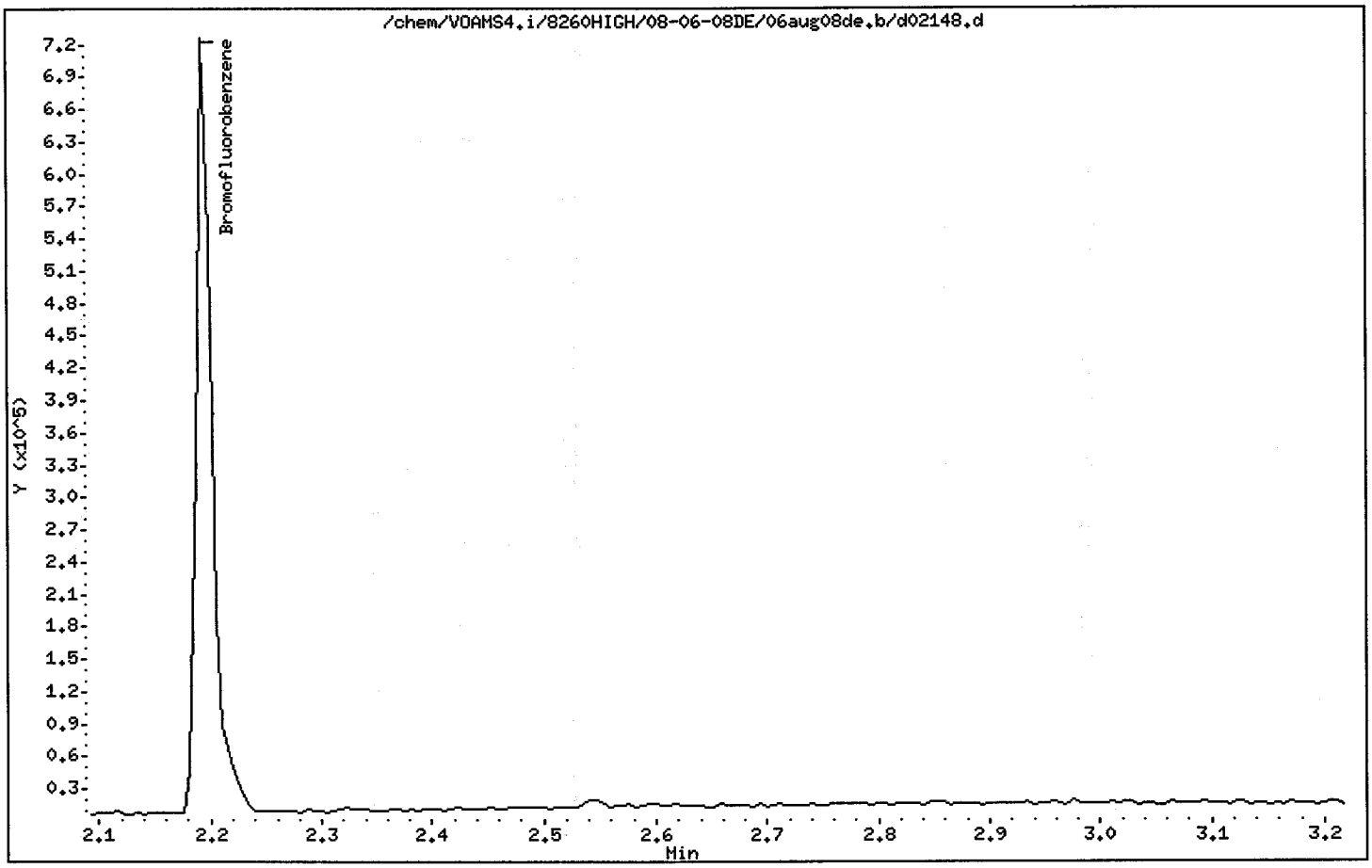
Instrument: VOAMS4.i

Sample Info: DBFB219

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: D02161

BFB Injection Date: 08/07/08

Instrument ID: VOAMS4

BFB Injection Time: 0531

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.9
75	30.0 - 60.0% of mass 95	54.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.6 (1.0)1
174	50.0 - 100.0% of mass 95	65.9
175	5.0 - 9.0% of mass 174	4.8 (7.3)1
176	95.0 - 101.0% of mass 174	63.3 (96.0)1
177	5.0 - 9.0% of mass 176	4.0 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	DSTD220	DSTD220	D02162	08/07/08	0558
02	0231BS	0231BS	D02163	08/07/08	0621
03	DV220	DV220	D02167	08/07/08	0906
04	080508-TB	940370	D02168	08/07/08	0930
05	080408-01	940028	D02169	08/07/08	0954
06	080408-02	940029	D02170	08/07/08	1018
07	080408-03	940030	D02171	08/07/08	1042
08	080508-07D1	940360D1	D02176	08/07/08	1242
09	080508-09D1	940362D1	D02178	08/07/08	1330
10	080508-11D1	940364D1	D02180	08/07/08	1419
11	080508-12D1	940365D1	D02181	08/07/08	1443
12	080508-13	940366	D02182	08/07/08	1507
13	080508-14	940367	D02183	08/07/08	1532
14	080508-15	940368	D02184	08/07/08	1556
15	080508-16	940369	D02185	08/07/08	1620
16	080508-11MS	940364MS	D02186	08/07/08	1644
17	080508-11MSD	940364MSD	D02187	08/07/08	1708
18					
19					
20					
21					
22					

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02161.d

Date : 07-AUG-2008 05:31

Client ID:

Instrument: VOAMS4.i

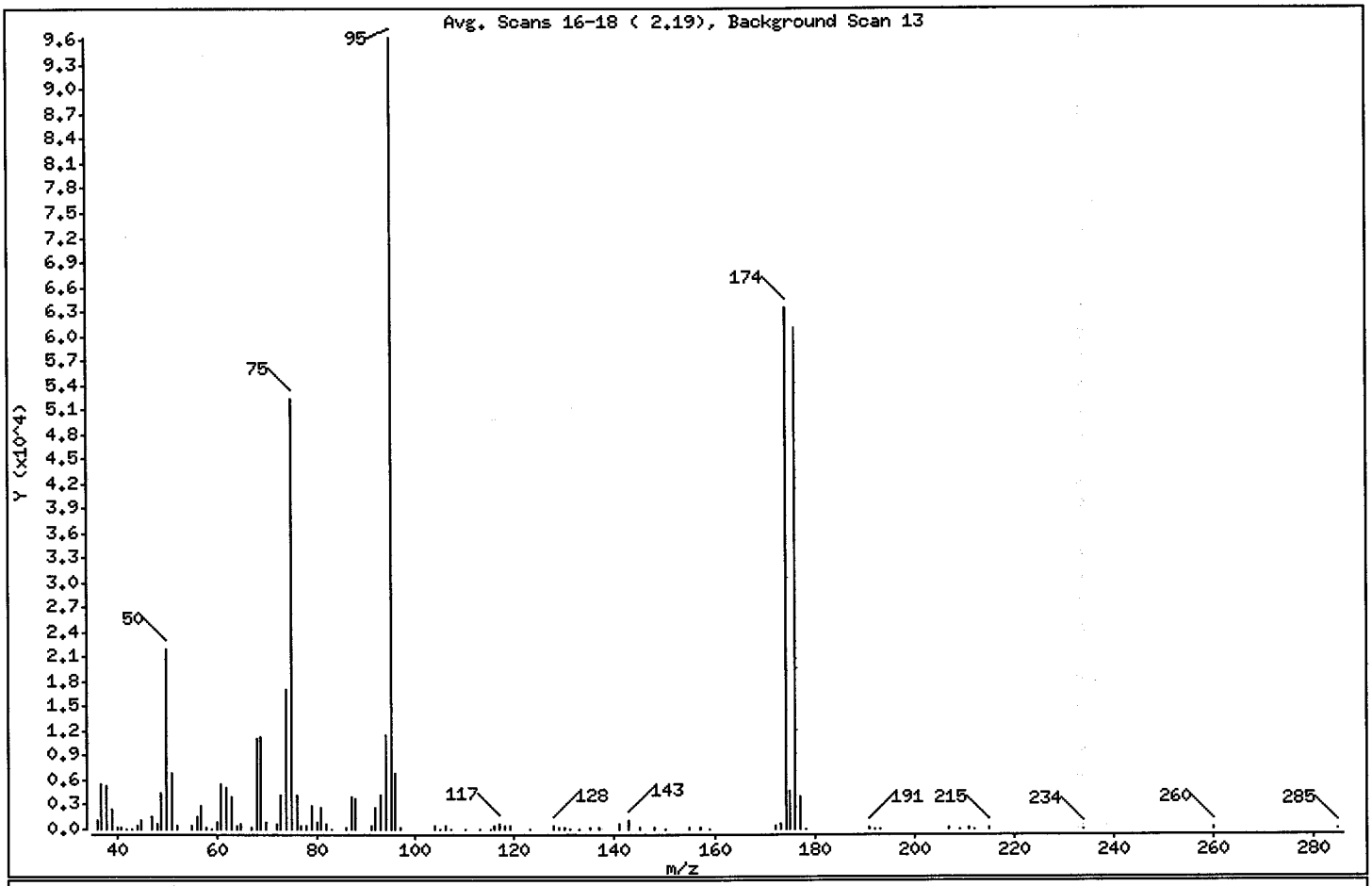
Sample Info: DBFB220

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.87
75	30.00 - 60.00% of mass 95	54.38
96	5.00 - 9.00% of mass 95	7.05
173	Less than 2.00% of mass 174	0.63 (0.95)
174	50.00 - 100.00% of mass 95	65.94
175	5.00 - 9.00% of mass 174	4.79 (7.27)
176	95.00 - 101.00% of mass 174	63.28 (95.97)
177	5.00 - 9.00% of mass 176	4.04 (6.38)

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02161.d

Date : 07-AUG-2008 05:31

Client ID: Instrument: VOAMS4.i

Sample Info: DBFB220

Operator: VOAMS 1

Column phase: DB-624 Column diameter: 0.53

Data File: d02161.d
Spectrum: Avg. Scans 16-18 (2.19), Background Scan 13
Location of Maximum: 95.00
Number of points: 98

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1049	64.00	413	95.00	96296	148.00	209
37.00	5588	65.00	575	96.00	6787	150.00	65
38.00	5285	67.00	290	97.00	166	155.00	210
39.00	2370	68.00	11055	104.00	429	157.00	206
40.00	116	69.00	11271	105.00	71	159.00	72
41.00	138	70.00	815	106.00	384	172.00	545
42.00	52	72.00	590	107.00	103	173.00	604
43.00	50	73.00	4127	110.00	53	174.00	63496
44.00	545	74.00	17096	113.00	82	175.00	4616
45.00	1060	75.00	52368	115.00	77	176.00	60936
47.00	1450	76.00	4221	116.00	385	177.00	3887
48.00	696	77.00	458	117.00	639	178.00	75
49.00	4481	78.00	399	118.00	389	191.00	170
50.00	22024	79.00	2979	119.00	424	192.00	57
51.00	6841	80.00	895	123.00	75	193.00	70
52.00	430	81.00	2659	128.00	496	207.00	118
55.00	334	82.00	683	129.00	116	209.00	71
56.00	1648	83.00	60	130.00	331	211.00	127
57.00	2879	86.00	157	131.00	60	212.00	63
58.00	122	87.00	4045	133.00	42	215.00	162
59.00	100	88.00	3796	135.00	176	234.00	77
60.00	931	91.00	421	137.00	235	260.00	156
61.00	5531	92.00	2694	141.00	766	285.00	55
62.00	5026	93.00	4307	143.00	1033		
63.00	3959	94.00	11608	145.00	115		

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02161.d

Date : 07-AUG-2008 05:31

Client ID:

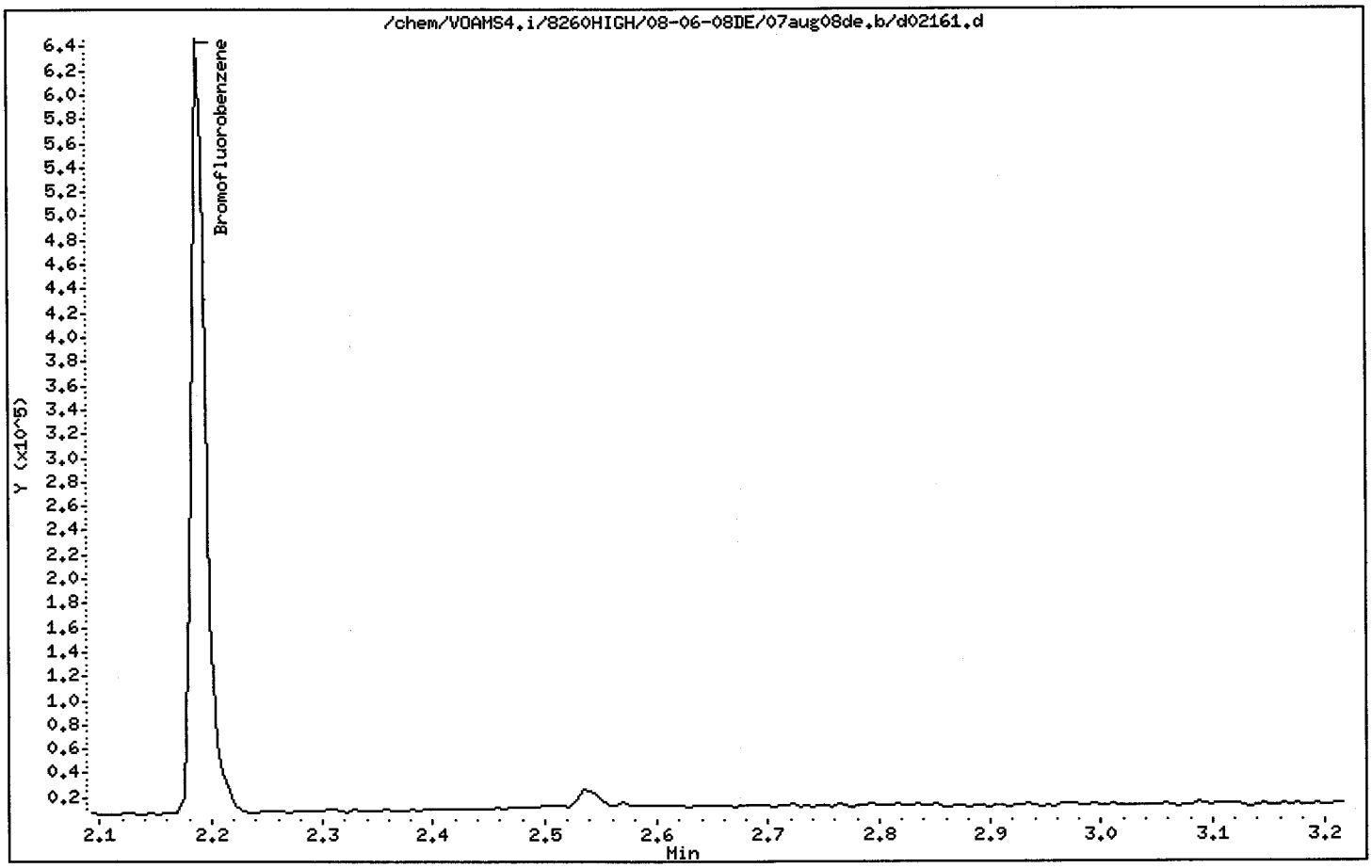
Instrument: VOAMS4.i

Sample Info: DBFB220

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: D02211

BFB Injection Date: 08/08/08

Instrument ID: VOAMS4

BFB Injection Time: 0459

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	56.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.8)1
174	50.0 - 100.0% of mass 95	66.0
175	5.0 - 9.0% of mass 174	4.8 (7.3)1
176	95.0 - 101.0% of mass 174	63.8 (96.6)1
177	5.0 - 9.0% of mass 176	4.0 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	DSTD221	DSTD221	D02212	08/08/08	0526
02	DV221	DV221	D02217	08/08/08	0726
03	080408-TB	940034	D02219	08/08/08	0813
04	080408-05	940032	D02220	08/08/08	0837
05	080408-06D1	940033D1	D02221	08/08/08	0901
06	080408-04D1	940031D1	D02222	08/08/08	0925
07	080508-08D1	940361D1	D02223	08/08/08	0949
08	080508-10D1	940363D1	D02225	08/08/08	1050
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02211.d

Date : 08-AUG-2008 04:59

Client ID:

Instrument: VOAMS4.i

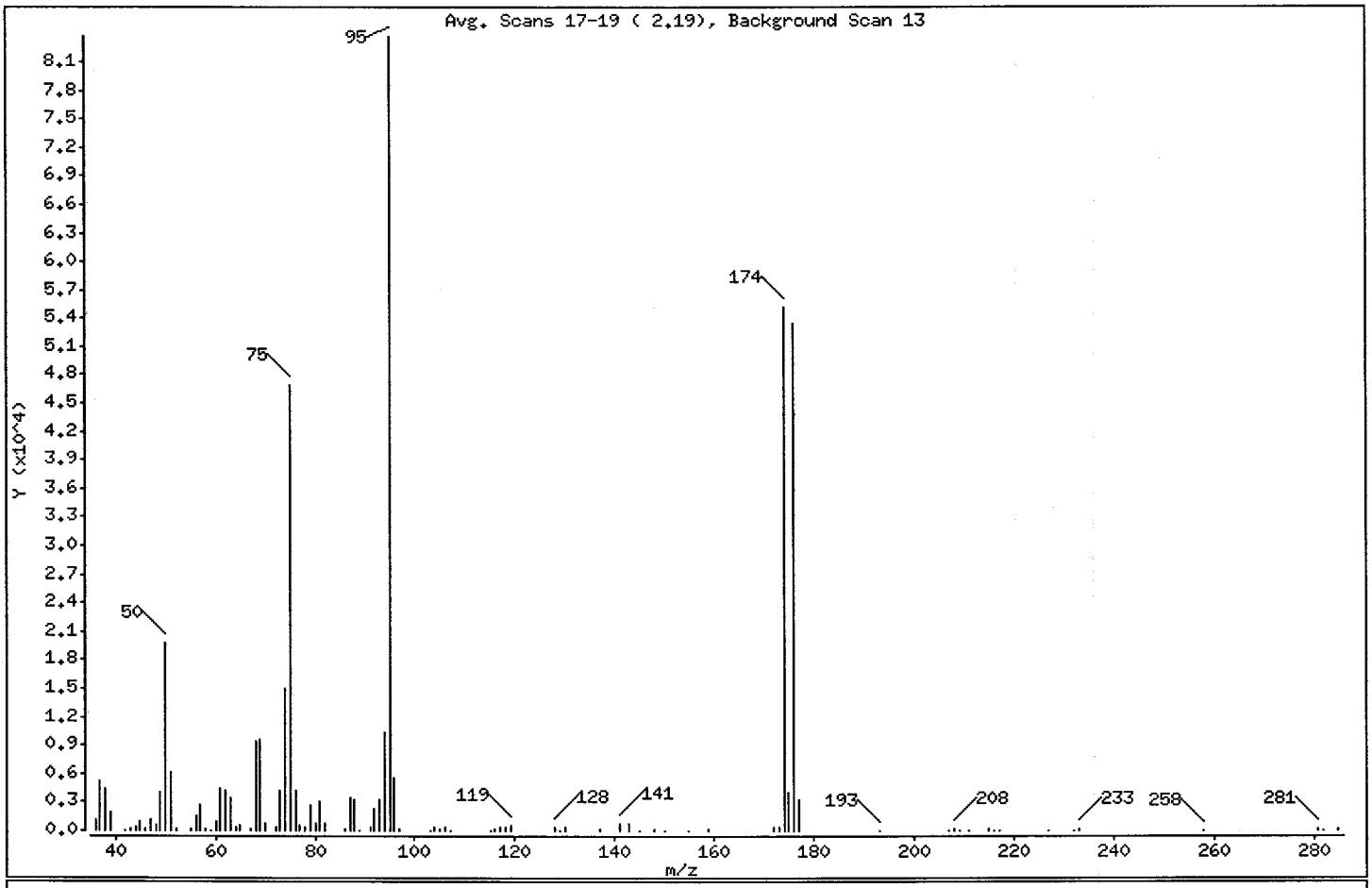
Sample Info: DBFB221

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.62
75	30.00 - 60.00% of mass 95	56.03
96	5.00 - 9.00% of mass 95	6.62
173	Less than 2.00% of mass 174	0.56 (0.85)
174	50.00 - 100.00% of mass 95	66.04
175	5.00 - 9.00% of mass 174	4.80 (7.27)
176	95.00 - 101.00% of mass 174	63.80 (96.61)
177	5.00 - 9.00% of mass 176	4.01 (6.28)

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02211.d

Date : 08-AUG-2008 04:59

Client ID:

Instrument: VOAMS4.i

Sample Info: DBFB221

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

Data File: d02211.d

Spectrum: Avg. Scans 17-19 (2.19), Background Scan 13

Location of Maximum: 95.00

Number of points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1088	64.00	318	94.00	10353	159.00	133
37.00	5140	65.00	493	95.00	83680	172.00	388
38.00	4462	67.00	239	96.00	5538	173.00	469
39.00	1852	68.00	9480	97.00	155	174.00	55264
42.00	64	69.00	9713	103.00	66	175.00	4020
43.00	147	70.00	817	104.00	410	176.00	53392
44.00	327	72.00	449	105.00	140	177.00	3355
45.00	931	73.00	4205	106.00	360	193.00	50
46.00	113	74.00	14956	107.00	59	207.00	18
47.00	1067	75.00	46888	115.00	56	208.00	278
48.00	501	76.00	4211	116.00	283	209.00	17
49.00	4003	77.00	666	117.00	427	211.00	63
50.00	19768	78.00	414	118.00	396	215.00	204
51.00	6120	79.00	2659	119.00	495	216.00	55
52.00	184	80.00	738	128.00	328	217.00	67
55.00	167	81.00	2991	129.00	69	227.00	50
56.00	1579	82.00	692	130.00	313	232.00	61
57.00	2656	86.00	112	137.00	150	233.00	103
58.00	162	87.00	3414	141.00	801	258.00	65
59.00	7	88.00	3225	143.00	754	281.00	182
60.00	1022	89.00	65	145.00	92	282.00	58
61.00	4466	91.00	371	148.00	115	285.00	121
62.00	4194	92.00	2393	150.00	59		
63.00	3484	93.00	3321	155.00	93		

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02211.d

Date : 08-AUG-2008 04:59

Client ID:

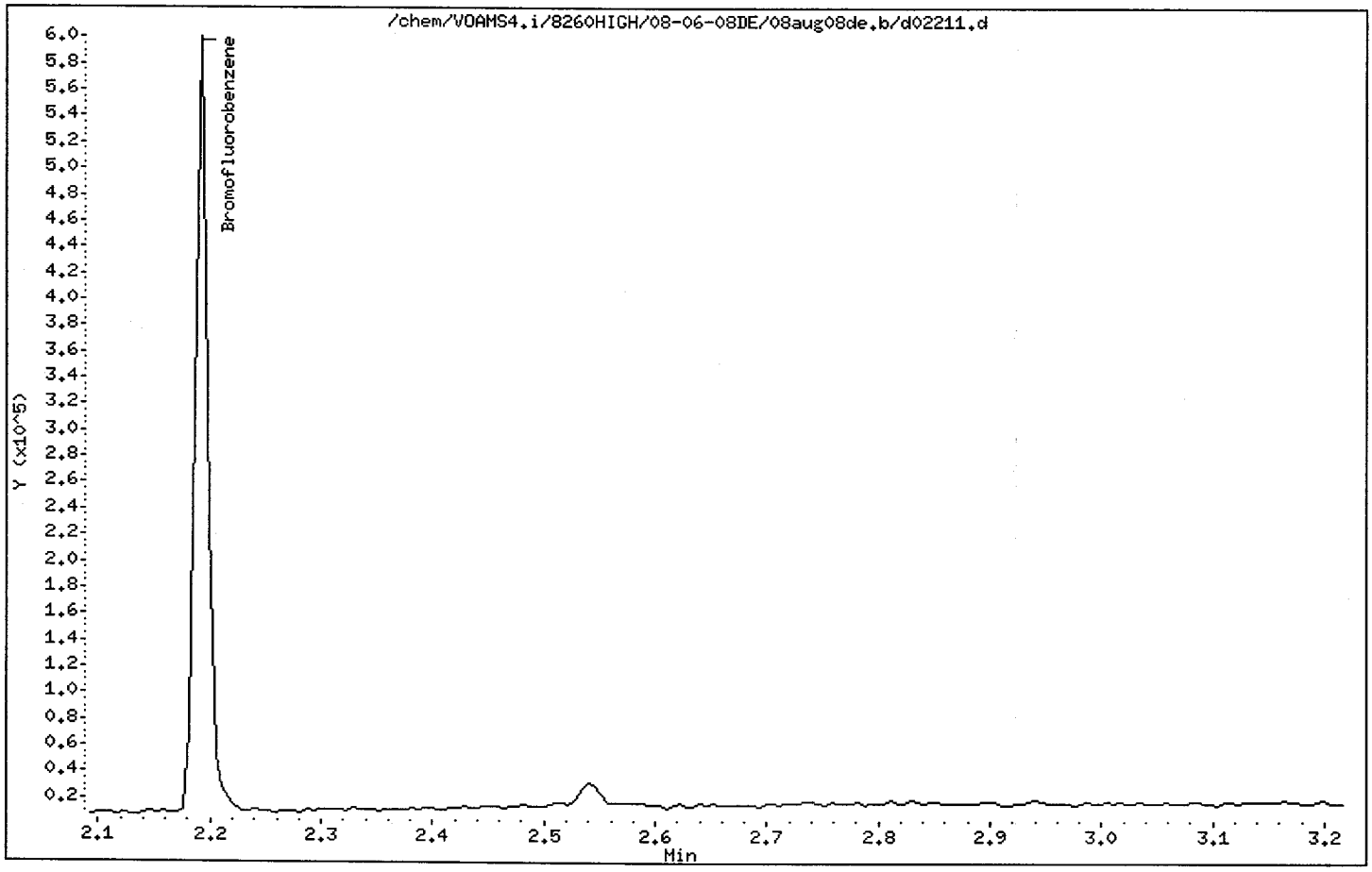
Instrument: VOAMS4.i

Sample Info: DBFB221

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: D02314

BFB Injection Date: 08/14/08

Instrument ID: VOAMS4

BFB Injection Time: 0327

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7)1
174	50.0 - 100.0% of mass 95	72.1
175	5.0 - 9.0% of mass 174	5.3 (7.3)1
176	95.0 - 101.0% of mass 174	69.8 (96.8)1
177	5.0 - 9.0% of mass 176	4.9 (7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	DSTD005	DSTD005	D02316	08/14/08	0419
02	DSTD010	DSTD010	D02317	08/14/08	0443
03	DSTD020	DSTD020	D02318	08/14/08	0507
04	DSTD050	DSTD050	D02319	08/14/08	0530
05	DSTD100	DSTD100	D02320	08/14/08	0554
06	DSTD200	DSTD200	D02321	08/14/08	0618
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02314.d

Date : 14-AUG-2008 03:27

Client ID:

Instrument: VOAMS4.i

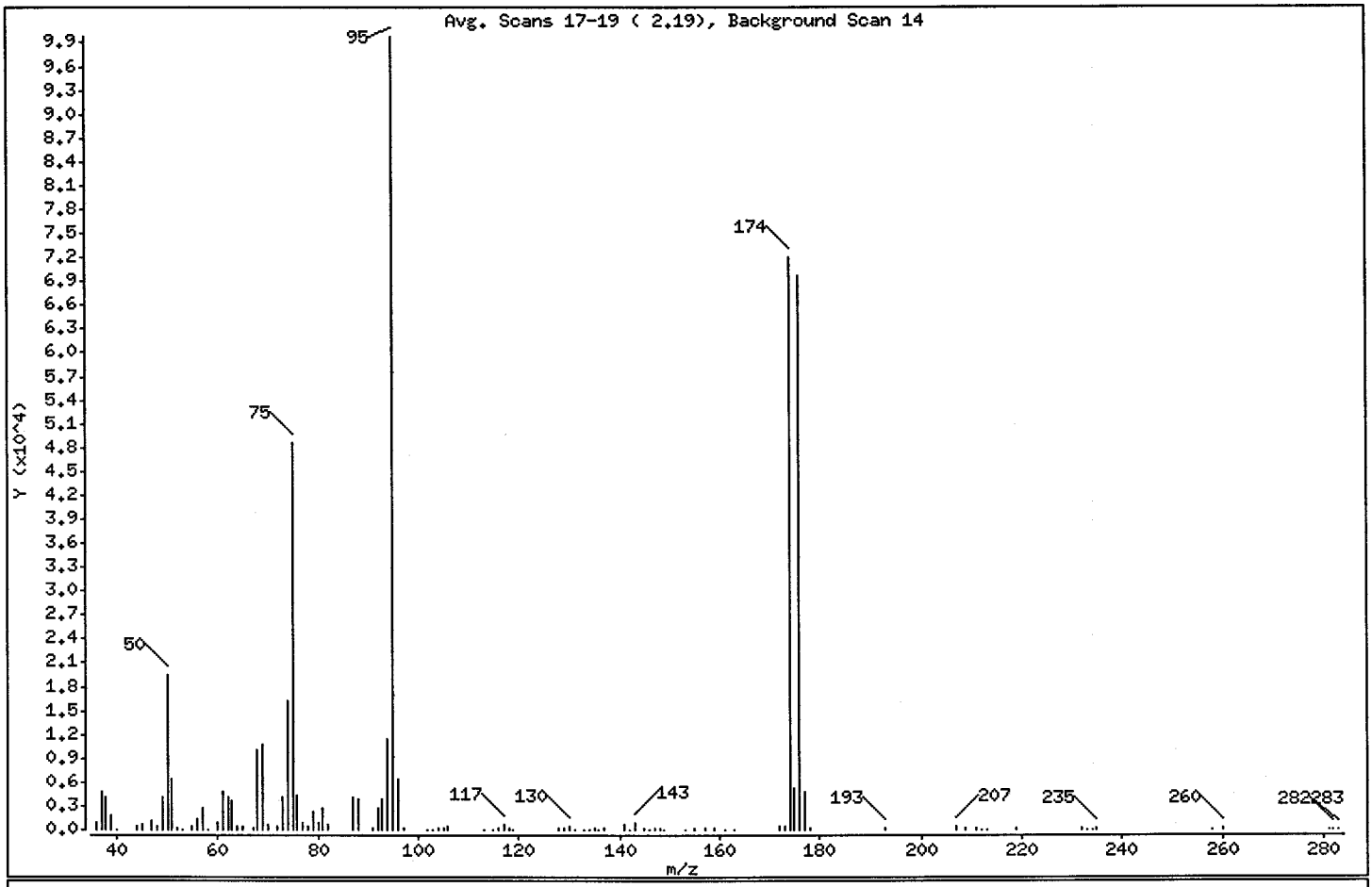
Sample Info: DBFB227

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.45
75	30.00 - 60.00% of mass 95	48.82
96	5.00 - 9.00% of mass 95	6.53
173	Less than 2.00% of mass 174	0.51 (0.71)
174	50.00 - 100.00% of mass 95	72.14
175	5.00 - 9.00% of mass 174	5.29 (7.33)
176	95.00 - 101.00% of mass 174	69.83 (96.79)
177	5.00 - 9.00% of mass 176	4.88 (6.99)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02314.d

Date : 14-AUG-2008 03:27

Client ID: Instrument: VOAMS4.i

Sample Info: DBFB227

Operator: VOAMS 1

Column phase: DB-624 Column diameter: 0.53

Data File: d02314.d
Spectrum: Avg. Scans 17-19 (2.19), Background Scan 14
Location of Maximum: 95.00
Number of points: 105

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	910	70.00	736	115.00	67	163.00	60
37.00	4902	72.00	549	116.00	329	172.00	448
38.00	4020	73.00	4140	117.00	574	173.00	511
39.00	1757	74.00	16365	118.00	310	174.00	71992
40.00	59	75.00	48720	119.00	50	175.00	5280
44.00	506	76.00	4377	128.00	229	176.00	69680
45.00	746	77.00	848	129.00	136	177.00	4870
47.00	1251	78.00	491	130.00	386	178.00	215
48.00	506	79.00	2289	131.00	56	193.00	157
49.00	4193	80.00	939	133.00	1	207.00	357
50.00	19408	81.00	2774	134.00	65	209.00	289
51.00	6352	82.00	660	135.00	169	211.00	237
52.00	250	87.00	4026	136.00	54	212.00	30
53.00	61	88.00	3833	137.00	136	213.00	87
55.00	399	91.00	304	141.00	616	219.00	251
56.00	1459	92.00	2692	142.00	51	232.00	117
57.00	2836	93.00	3926	143.00	849	233.00	95
58.00	52	94.00	11398	145.00	141	234.00	79
60.00	858	95.00	99792	146.00	64	235.00	142
61.00	4776	96.00	6516	147.00	149	258.00	54
62.00	4196	97.00	239	148.00	208	260.00	278
63.00	3688	102.00	75	149.00	75	281.00	17
64.00	406	103.00	113	153.00	54	282.00	53
65.00	472	104.00	343	155.00	247	283.00	78
67.00	287	105.00	208	157.00	169		
68.00	10022	106.00	368	159.00	219		
69.00	10876	113.00	63	161.00	109		

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02314.d

Date : 14-AUG-2008 03:27

Client ID:

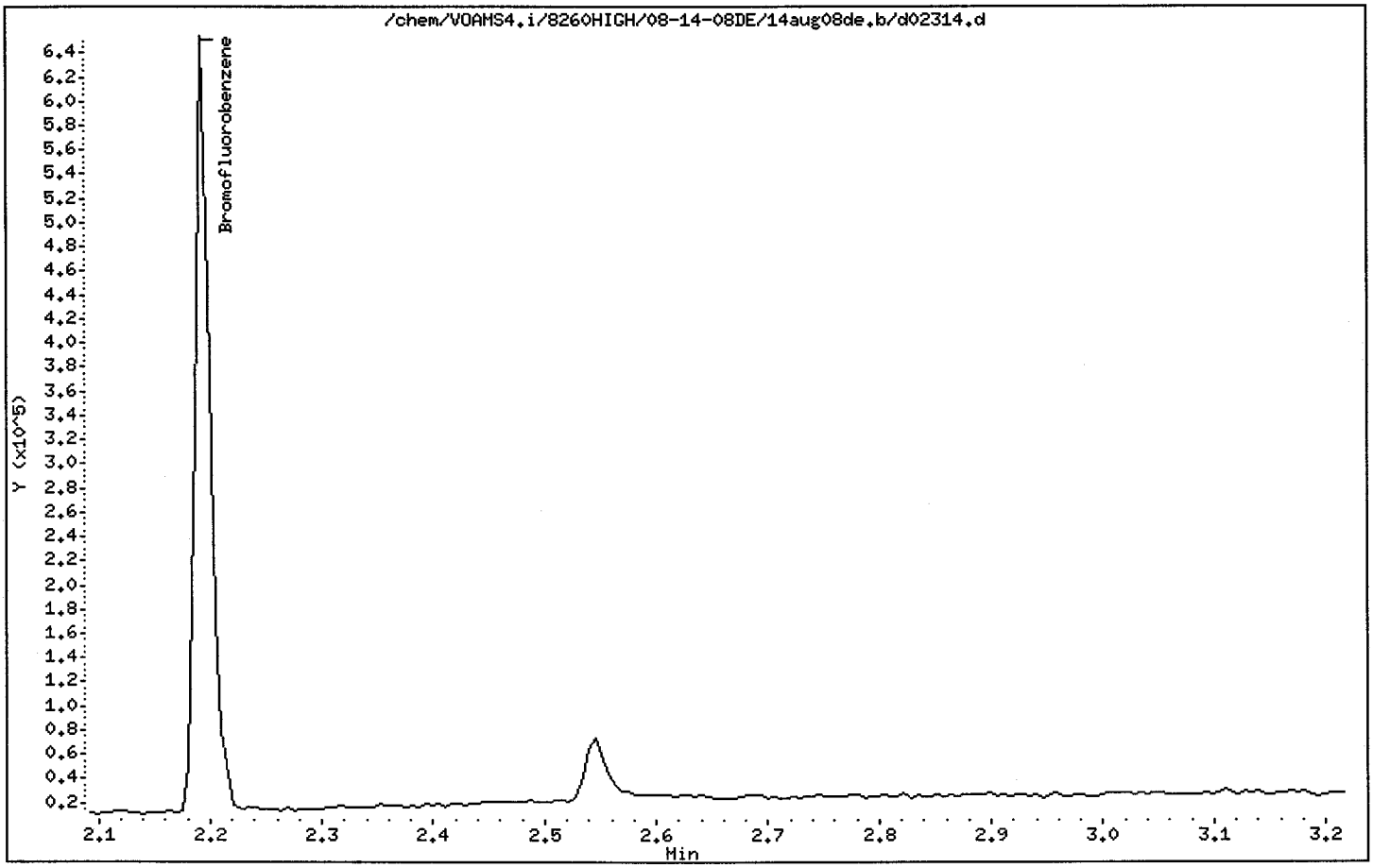
Instrument: VOAMS4.i

Sample Info: DBFB227

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: D02368

BFB Injection Date: 08/15/08

Instrument ID: VOAMS4

BFB Injection Time: 0331

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.7 (0.9)1
174	50.0 - 100.0% of mass 95	72.9
175	5.0 - 9.0% of mass 174	5.5 (7.5)1
176	95.0 - 101.0% of mass 174	69.3 (95.0)1
177	5.0 - 9.0% of mass 176	4.6 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	DSTD228	DSTD228	D02369	08/15/08	0356
02	0307BS	0307BS	D02370	08/15/08	0420
03	DV228W	DV228W	D02373	08/15/08	0532
04	080408-04	940031	D02375	08/15/08	0633
05	080408-06	940033	D02376	08/15/08	0657
06	080508-07	940360	D02377	08/15/08	0720
07	080508-08	940361	D02378	08/15/08	0744
08	080508-09	940362	D02379	08/15/08	0808
09	080508-10	940363	D02380	08/15/08	0832
10	080508-11	940364	D02381	08/15/08	0855
11	080508-07MS	940360MS	D02384	08/15/08	1007
12	080508-07MSD	940360MSD	D02385	08/15/08	1031
13	080508-12	940365	D02388	08/15/08	1151
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02368.d

Date : 15-AUG-2008 03:31

Client ID:

Instrument: VOAMS4.i

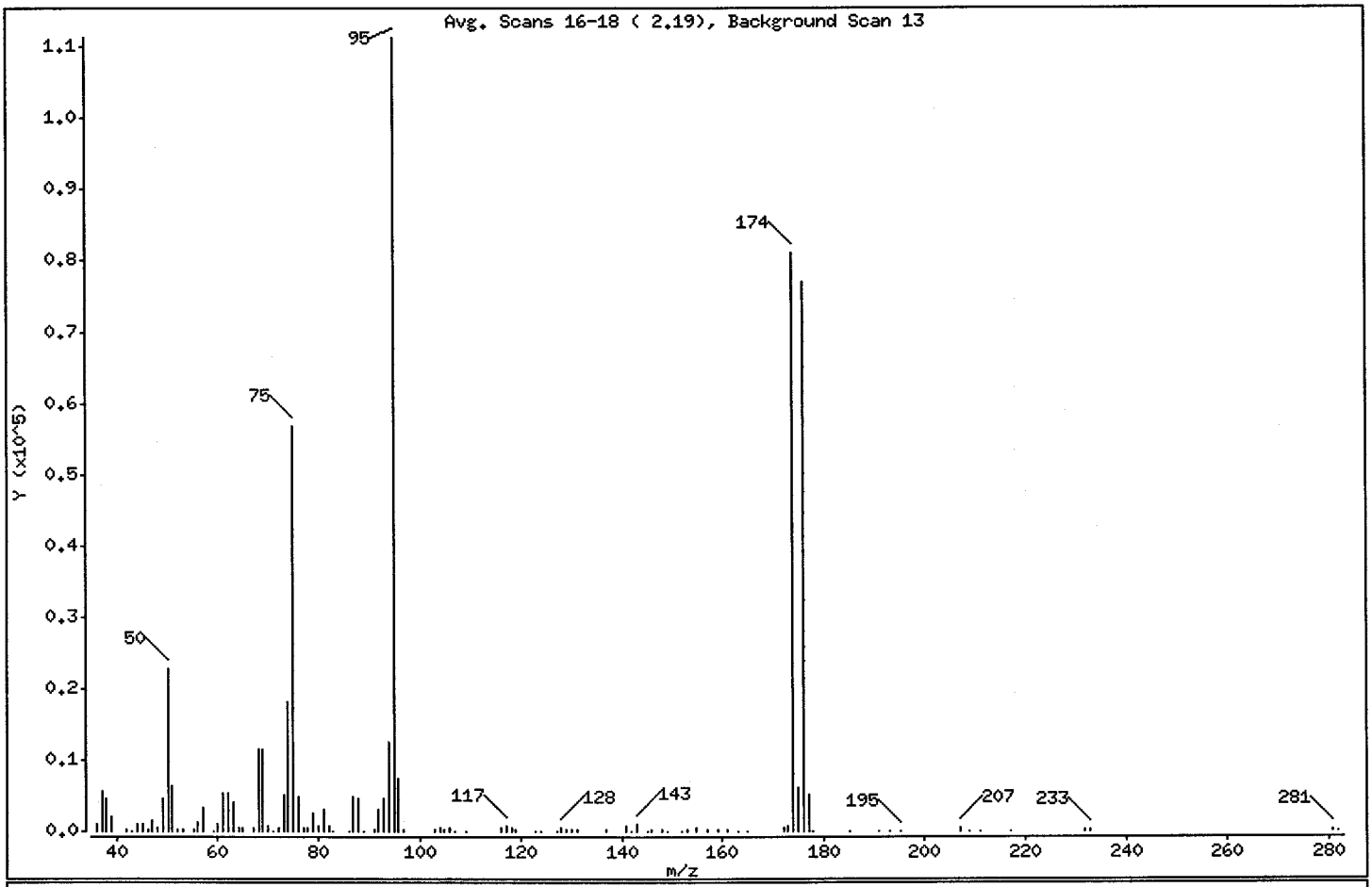
Sample Info: DBFB228

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.39
75	30.00 - 60.00% of mass 95	51.07
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.67 (0.92)
174	50.00 - 100.00% of mass 95	72.89
175	5.00 - 9.00% of mass 174	5.45 (7.48)
176	95.00 - 101.00% of mass 174	69.27 (95.04)
177	5.00 - 9.00% of mass 176	4.60 (6.64)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02368.d

Date : 15-AUG-2008 03:31

Client ID: Instrument: VOAMS4.i

Sample Info: DBFB228

Operator: VOAMS 1

Column phase: DB-624 Column diameter: 0.53

Data File: d02368.d
Spectrum: Avg. Scans 16-18 (2.19), Background Scan 13
Location of Maximum: 95.00
Number of points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1012	68.00	11493	103.00	163	155.00	478
37.00	5636	69.00	11471	104.00	422	157.00	303
38.00	4614	70.00	763	105.00	157	159.00	280
39.00	2052	71.00	64	106.00	477	161.00	150
42.00	226	72.00	615	107.00	72	163.00	107
43.00	29	73.00	5085	109.00	52	165.00	55
44.00	899	74.00	18264	116.00	478	172.00	621
45.00	970	75.00	56856	117.00	676	173.00	750
46.00	179	76.00	4935	118.00	425	174.00	81152
47.00	1649	77.00	571	119.00	243	175.00	6070
48.00	615	78.00	610	123.00	52	176.00	77128
49.00	4526	79.00	2460	124.00	57	177.00	5124
50.00	22704	80.00	750	127.00	62	178.00	66
51.00	6466	81.00	3198	128.00	494	185.00	51
52.00	347	82.00	855	129.00	298	191.00	18
53.00	159	83.00	116	130.00	354	193.00	5
55.00	289	86.00	53	131.00	208	195.00	99
56.00	1353	87.00	4820	137.00	369	207.00	496
57.00	3275	88.00	4699	141.00	791	209.00	26
59.00	73	89.00	64	142.00	78	211.00	12
60.00	907	91.00	376	143.00	1093	217.00	58
61.00	5262	92.00	3043	145.00	67	232.00	208
62.00	5265	93.00	4485	146.00	161	233.00	266
63.00	4063	94.00	12561	148.00	281	281.00	153
64.00	563	95.00	111336	149.00	96	282.00	115
65.00	465	96.00	7412	152.00	71		
67.00	444	97.00	236	153.00	132		

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02368.d

Date : 15-AUG-2008 03:31

Client ID:

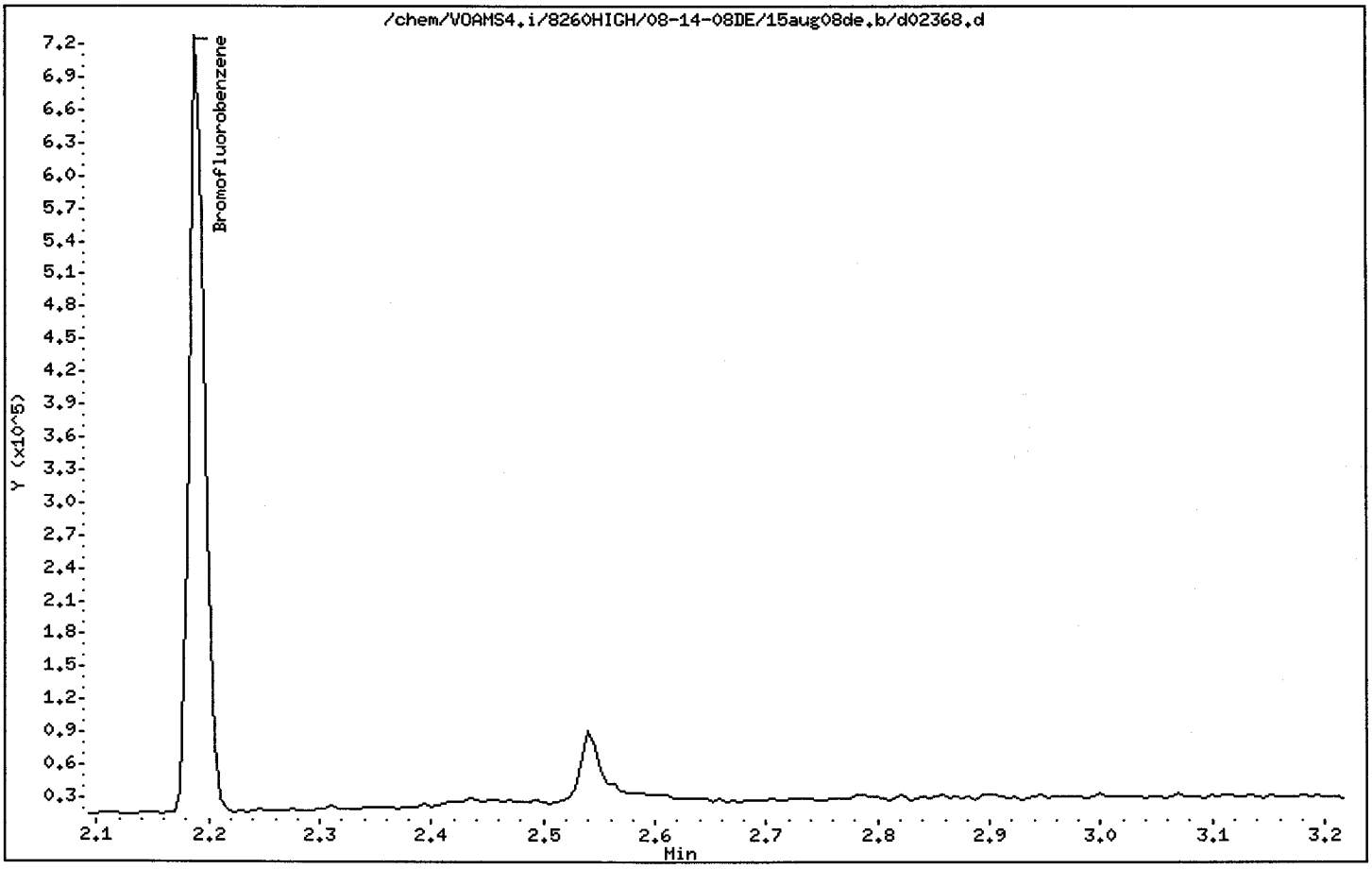
Instrument: VOAMS4.i

Sample Info: DBFB228

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



Method Blank Results Summary

VOLATILE METHOD BLANK SUMMARY

LAB SAMPLE NO.

DV220

Matrix: WATER

Level: LOW

Lab File ID: D02167

Instrument ID: VOAMS4

Date Analyzed: 08/07/08

Time Analyzed: 0906

Heated Purge (Y/N) N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	0231BS	0231BS	D02163	0621
02	080508-TB	940370	D02168	0930
03	080408-01	940028	D02169	0954
04	080408-02	940029	D02170	1018
05	080408-03	940030	D02171	1042
06	080508-07D1	940360D1	D02176	1242
07	080508-09D1	940362D1	D02178	1330
08	080508-11D1	940364D1	D02180	1419
09	080508-12D1	940365D1	D02181	1443
10	080508-13	940366	D02182	1507
11	080508-14	940367	D02183	1532
12	080508-15	940368	D02184	1556
13	080508-16	940369	D02185	1620
14	080508-11MS	940364MS	D02186	1644
15	080508-11MSD	940364MSD	D02187	1708
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Client ID: **DV220**
Site:

Lab Sample No: **DV220**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02167.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
2-Chloroethyl Vinyl Ether	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0

Client ID: **DV220**
Site:

Lab Sample No: **DV220**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02167.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Styrene	ND	5.0
Xylene (Total)	ND	5.0
Ethyl Ether	ND	5.0
Acrolein	ND	100
Freon TF	ND	5.0
Isopropanol	ND	500
Acetonitrile	ND	100
TBA	ND	100
Acrylonitrile	ND	50
MTBE	ND	5.0
Hexane	ND	5.0
DIPE	ND	5.0
Ethyl Acetate	ND	10
Vinyl Acetate	ND	5.0
Tetrahydrofuran	ND	5.0
Cyclohexane	ND	5.0
Isobutanol	ND	500
Isopropyl Acetate	ND	10
n-Heptane	ND	5.0
n-Butanol	ND	500
Propyl Acetate	ND	10
Butyl Acetate	ND	10
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Naphthalene	ND	5.0
Methylnaphthalene (total)	ND	5.0
Dimethylnaphthalene (total)	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
1,4-Dioxane	ND	1000

Client ID: **DV220**
Site:

Lab Sample No: **DV220**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02167.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Methyl Acrylate	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Isopropylbenzene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
p-Isopropyltoluene	ND	5.0
sec-Butylbenzene	ND	5.0
tert-Butylbenzene	ND	5.0
Allyl chloride	ND	5.0
Benzyl chloride	ND	5.0
Epichlorohydrin	ND	100
Isoprene	ND	5.0
Methyl methacrylate	ND	5.0
n-Pentane	ND	5.0
Allyl alcohol	ND	1000
2-Octanol	ND	10
2-Octanone	ND	5.0
Ethyl Acrylate	ND	5.0
Butyl Acrylate	ND	5.0
Butyl Methacrylate	ND	5.0
Ethyl methacrylate	ND	5.0
Ethanol	ND	500

Client ID: **DV220**
Site:

Lab Sample No: **DV220**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02167.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Methyl Acetate	ND	5.0
Methyl cyclohexane	ND	5.0
Cyclohexanone	ND	100
p-Ethyltoluene	ND	5.0
1,4-Diethylbenzene	ND	5.0
1,2,4,5-Tetramethylbenzene	ND	5.0
Propylene Oxide	ND	50
Camphene (total)	ND	20
Camphor	ND	25
Amyl Acetate	ND	10
2-Methylnaphthalene	ND	5.0
1-Chlorohexane	ND	5.0
Chlorotrifluoromethane	ND	5.0
Chlorodifluoromethane	ND	5.0
tert-Amylmethyl Ether	ND	5.0
Iodomethane	ND	5.0
trans-1,4-Dichloro-2-butene	ND	5.0
Acetaldehyde	ND	10
1,3,5-Trichlorobenzene	ND	5.0
1,2-Dichlorotrifluoroethane	ND	5.0
1-Bromo-2-chloroethane	ND	5.0
4-Chlorobenzotrifluoride	ND	5.0
2-Chloropropene	ND	5.0
tert-Butyl ethyl ether	ND	5.0
1,3-Butadiene	ND	5.0

Client ID: **DV220**
Site:

Lab Sample No: **DV220**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/07/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02167.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02167.d
Report Date: 07-Aug-2008 09:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02167.d
Lab Smp Id: DV220
Inj Date : 07-AUG-2008 09:06
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DV220
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 07:55 audberto Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

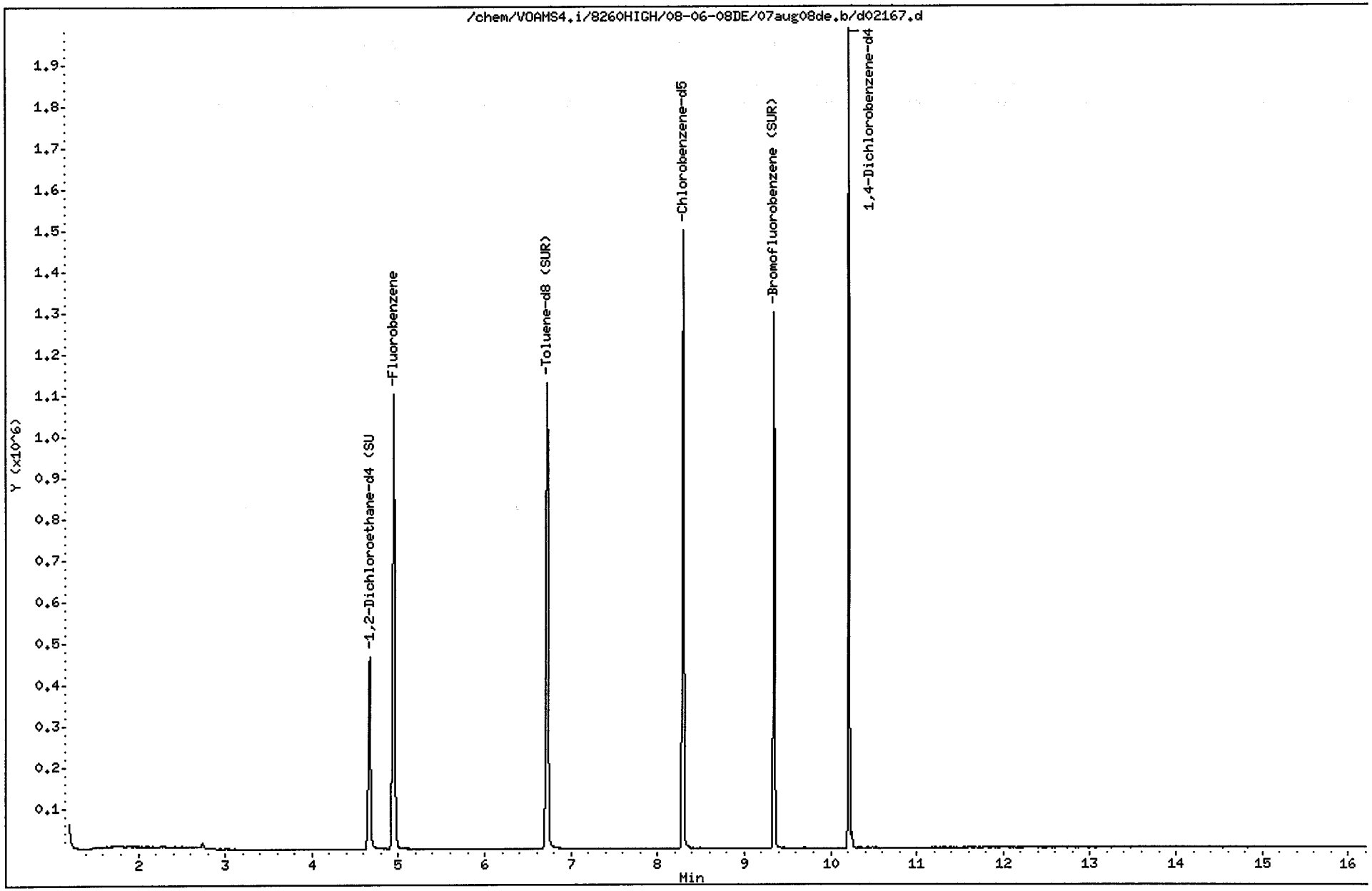
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	339754	53.5146	54
* 19 Fluorobenzene	96	4.944	4.944	(1.000)	812977	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.721	6.715	(0.811)	649625	52.4501	52
* 32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	558688	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	194537	51.0995	51
* 91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	272118	50.0000	

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02167.d
Date : 07-AUG-2008 09:06
Client ID: DV220
Sample Info: DV220
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18



VOLATILE METHOD BLANK SUMMARY

LAB SAMPLE NO.

DV221

Matrix: WATER

Level: LOW

Lab File ID: D02217

Instrument ID: VOAMS4

Date Analyzed: 08/08/08

Time Analyzed: 0726

Heated Purge (Y/N) N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	080408-TB	940034	D02219	0813
02	080408-05	940032	D02220	0837
03	080408-06D1	940033D1	D02221	0901
04	080408-04D1	940031D1	D02222	0925
05	080508-08D1	940361D1	D02223	0949
06	080508-10D1	940363D1	D02225	1050
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Client ID: **DV221**
Site:

Lab Sample No: **DV221**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02217.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
2-Chloroethyl Vinyl Ether	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0

Client ID: **DV221**
Site:

Lab Sample No: **DV221**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02217.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Styrene	ND	5.0
Xylene (Total)	ND	5.0
Ethyl Ether	ND	5.0
Acrolein	ND	100
Freon TF	ND	5.0
Isopropanol	ND	500
Acetonitrile	ND	100
TBA	ND	100
Acrylonitrile	ND	50
MTBE	ND	5.0
Hexane	ND	5.0
DIPE	ND	5.0
Ethyl Acetate	ND	10
Vinyl Acetate	ND	5.0
Tetrahydrofuran	ND	5.0
Cyclohexane	ND	5.0
Isobutanol	ND	500
Isopropyl Acetate	ND	10
n-Heptane	ND	5.0
n-Butanol	ND	500
Propyl Acetate	ND	10
Butyl Acetate	ND	10
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Naphthalene	ND	5.0
Methylnaphthalene (total)	ND	5.0
Dimethylnaphthalene (total)	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
1,4-Dioxane	ND	1000

Client ID: **DV221**
Site:

Lab Sample No: **DV221**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02217.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Methyl Acrylate	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Isopropylbenzene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
p-Isopropyltoluene	ND	5.0
sec-Butylbenzene	ND	5.0
tert-Butylbenzene	ND	5.0
Allyl chloride	ND	5.0
Benzyl chloride	ND	5.0
Epichlorohydrin	ND	100
Isoprene	ND	5.0
Methyl methacrylate	ND	5.0
n-Pentane	ND	5.0
Allyl alcohol	ND	1000
2-Octanol	ND	10
2-Octanone	ND	5.0
Ethyl Acrylate	ND	5.0
Butyl Acrylate	ND	5.0
Butyl Methacrylate	ND	5.0
Ethyl methacrylate	ND	5.0
Ethanol	ND	500

Client ID: **DV221**
Site:

Lab Sample No: **DV221**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02217.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Methyl Acetate	ND	5.0
Methyl cyclohexane	ND	5.0
Cyclohexanone	ND	100
p-Ethyltoluene	ND	5.0
1,4-Diethylbenzene	ND	5.0
1,2,4,5-Tetramethylbenzene	ND	5.0
Propylene Oxide	ND	50
Camphene (total)	ND	20
Camphor	ND	25
Amyl Acetate	ND	10
2-Methylnaphthalene	ND	5.0
1-Chlorohexane	ND	5.0
Chlorotrifluoromethane	ND	5.0
Chlorodifluoromethane	ND	5.0
tert-Amylmethyl Ether	ND	5.0
Iodomethane	ND	5.0
trans-1,4-Dichloro-2-butene	ND	5.0
Acetaldehyde	ND	10
1,3,5-Trichlorobenzene	ND	5.0
1,2-Dichlorotrifluoroethane	ND	5.0
1-Bromo-2-chloroethane	ND	5.0
4-Chlorobenzotrifluoride	ND	5.0
2-Chloropropene	ND	5.0
tert-Butyl ethyl ether	ND	5.0
1,3-Butadiene	ND	5.0

Client ID: **DV221**
Site:

Lab Sample No: **DV221**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/08/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02217.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02217.d
Report Date: 13-Aug-2008 12:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02217.d
Lab Smp Id: DV221 Client Smp ID: DV221
Inj Date : 08-AUG-2008 07:26
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DV221
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/8260H_08.m
Meth Date : 13-Aug-2008 09:25 pritch Quant Type: ISTD
Cal Date : 08-AUG-2008 05:26 Cal File: d02212.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

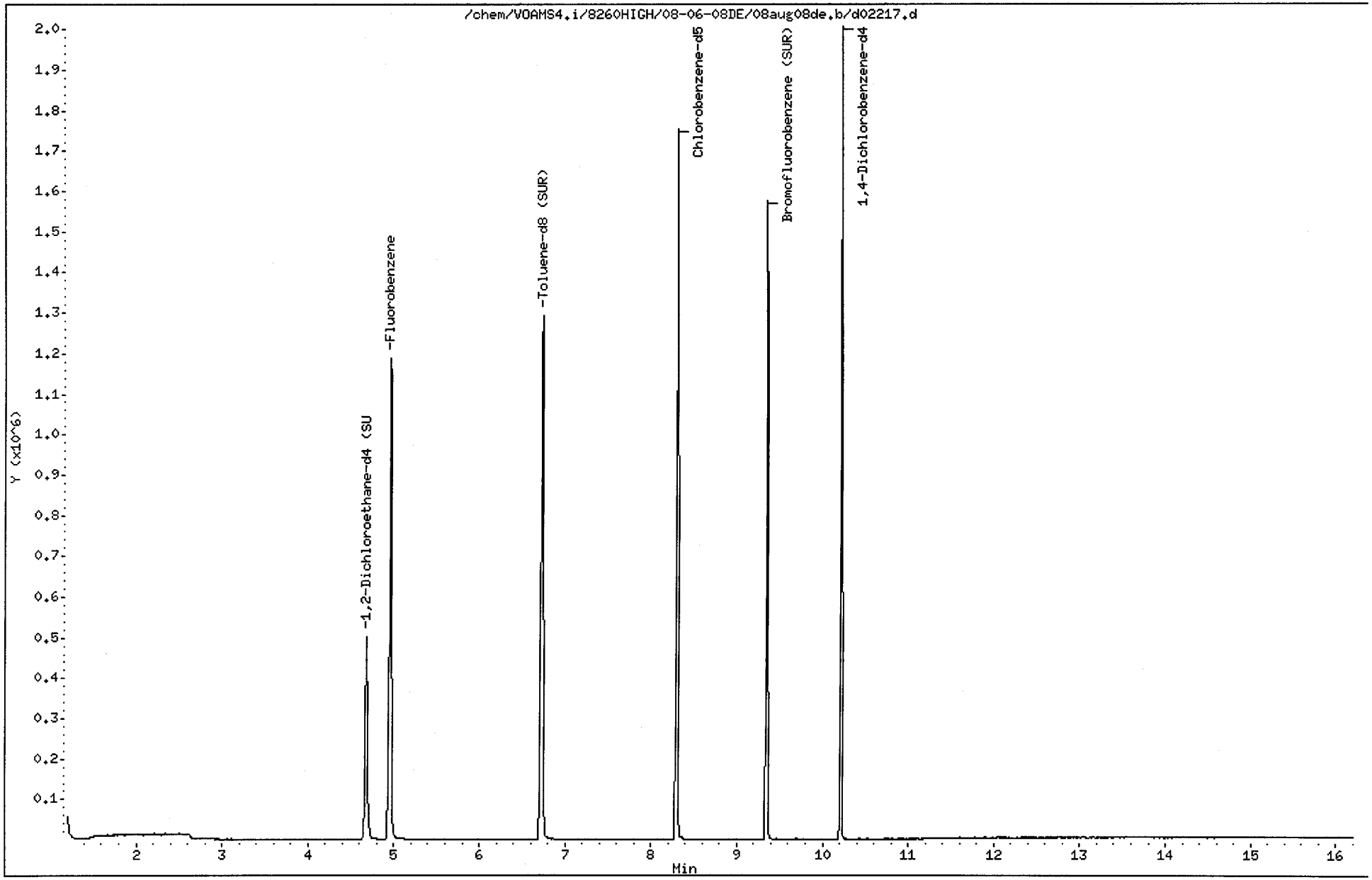
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	381214	49.0659	49
* 19 Fluorobenzene	96	4.950	4.950	(1.000)	978778	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.727	6.721	(0.811)	802304	51.4653	51
* 32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	689017	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	241281	50.7431	51
* 91 1,4-Dichlorobenzene-d4	152	10.215	10.215	(1.000)	316546	50.0000	

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02217.d
Date : 08-AUG-2008 07:26
Client ID: DV221
Sample Info: DV221
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18



503
TestAmerica Edison
X765

VOLATILE METHOD BLANK SUMMARY

LAB SAMPLE NO.

DV228W

Matrix: WATER

Level: LOW

Lab File ID: D02373

Instrument ID: VOAMS4

Date Analyzed: 08/15/08

Time Analyzed: 0532

Heated Purge (Y/N) N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	0307BS	0307BS	D02370	0420
02	080408-04	940031	D02375	0633
03	080408-06	940033	D02376	0657
04	080508-07	940360	D02377	0720
05	080508-08	940361	D02378	0744
06	080508-09	940362	D02379	0808
07	080508-10	940363	D02380	0832
08	080508-11	940364	D02381	0855
09	080508-07MS	940360MS	D02384	1007
10	080508-07MSD	940360MSD	D02385	1031
11	080508-12	940365	D02388	1151
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Client ID: **DV228W**
Site:

Lab Sample No: **DV228W**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02373.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
2-Chloroethyl Vinyl Ether	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0

Client ID: **DV228W**
Site:

Lab Sample No: **DV228W**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02373.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Styrene	ND	5.0
Xylene (Total)	ND	5.0
Ethyl Ether	ND	5.0
Acrolein	ND	100
Freon TF	ND	5.0
Isopropanol	ND	500
Acetonitrile	ND	100
TBA	ND	100
Acrylonitrile	ND	50
MTBE	ND	5.0
Hexane	ND	5.0
DIPE	ND	5.0
Ethyl Acetate	ND	10
Vinyl Acetate	ND	5.0
Tetrahydrofuran	ND	5.0
Cyclohexane	ND	5.0
Isobutanol	ND	500
Isopropyl Acetate	ND	10
n-Heptane	ND	5.0
n-Butanol	ND	500
Propyl Acetate	ND	10
Butyl Acetate	ND	10
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Naphthalene	ND	5.0
Methylnaphthalene (total)	ND	5.0
Dimethylnaphthalene (total)	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
1,4-Dioxane	ND	1000

Client ID: **DV228W**
Site:

Lab Sample No: **DV228W**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02373.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Methyl Acrylate	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Isopropylbenzene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
p-Isopropyltoluene	ND	5.0
sec-Butylbenzene	ND	5.0
tert-Butylbenzene	ND	5.0
Allyl chloride	ND	5.0
Benzyl chloride	ND	5.0
Epichlorohydrin	ND	100
Isoprene	ND	5.0
Methyl methacrylate	ND	5.0
n-Pentane	ND	5.0
Allyl alcohol	ND	1000
2-Octanol	ND	10
2-Octanone	ND	5.0
Ethyl Acrylate	ND	5.0
Butyl Acrylate	ND	5.0
Butyl Methacrylate	ND	5.0
Ethyl methacrylate	ND	5.0
Ethanol	ND	500

Client ID: **DV228W**
Site:

Lab Sample No: **DV228W**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02373.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Methyl Acetate	ND	5.0
Methyl cyclohexane	ND	5.0
Cyclohexanone	ND	100
p-Ethyltoluene	ND	5.0
1,4-Diethylbenzene	ND	5.0
1,2,4,5-Tetramethylbenzene	ND	5.0
Propylene Oxide	ND	50
Camphene (total)	ND	20
Camphor	ND	25
Amyl Acetate	ND	10
2-Methylnaphthalene	ND	5.0
1-Chlorohexane	ND	5.0
Chlorotrifluoromethane	ND	5.0
Chlorodifluoromethane	ND	5.0
tert-Amylmethyl Ether	ND	5.0
Iodomethane	ND	5.0
trans-1,4-Dichloro-2-butene	ND	5.0
Acetaldehyde	ND	10
1,3,5-Trichlorobenzene	ND	5.0
1,2-Dichlorotrifluoroethane	ND	5.0
1-Bromo-2-chloroethane	ND	5.0
4-Chlorobenzotrifluoride	ND	5.0
2-Chloropropene	ND	5.0
tert-Butyl ethyl ether	ND	5.0
1,3-Butadiene	ND	5.0

Client ID: **DV228W**
Site:

Lab Sample No: **DV228W**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/15/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d02373.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02373.d
Report Date: 19-Aug-2008 11:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02373.d
Lab Smp Id: DV228W Client Smp ID: DV228W
Inj Date : 15-AUG-2008 05:32
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DV228W
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

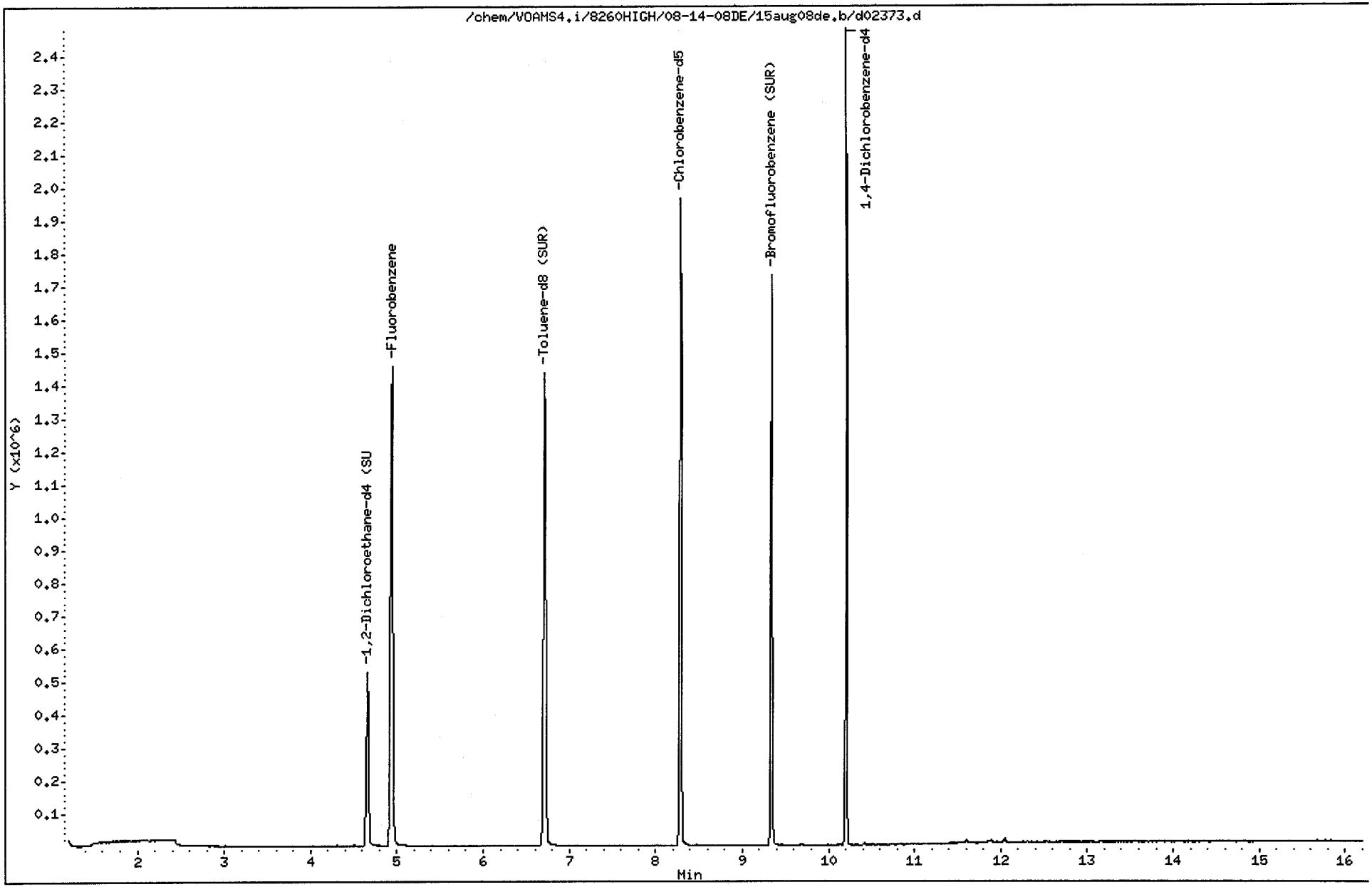
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.662	4.656	(0.944)	375074	51.6454	52
* 19 Fluorobenzene	96	4.939	4.933	(1.000)	1262978	50.0000	
$ 37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	949630	52.0376	52
* 32 Chlorobenzene-d5	117	8.286	8.285	(1.000)	841210	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.338	9.338	(0.915)	336326	50.9620	51
* 91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	407152	50.0000	

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02373.d
Date : 15-AUG-2008 05:32
Client ID: DV228W
Sample Info: DV228W
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18



511
TestAmerica Edison
X765

Calibration Summary

VOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

LAB FILE ID: RRF5: D02149 RRF10: D02151 RRF20: D02152
RRF50: D02153 RRF100: D02154

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
Chloromethane	0.350	0.325	0.314	0.316	0.317
Bromomethane	0.256	0.216	0.228	0.234	0.226
Vinyl Chloride	0.377	0.344	0.357	0.355	0.359
Chloroethane	0.236	0.193	0.210	0.207	0.205
Methylene Chloride	0.314	0.307	0.340	0.290	0.360
Acetone	0.042	0.038	0.028	0.025	0.036
Carbon Disulfide	1.015	0.986	1.028	1.020	1.050
Trichlorofluoromethane	0.559	0.531	0.539	0.545	0.532
1,1-Dichloroethene	0.386	0.340	0.337	0.331	0.337
1,1-Dichloroethane	0.549	0.567	0.570	0.553	0.582
trans-1,2-Dichloroethene	0.278	0.292	0.287	0.282	0.296
cis-1,2-Dichloroethene	0.302	0.304	0.302	0.305	0.318
Chloroform	0.511	0.550	0.543	0.535	0.556
1,2-Dichloroethane	0.464	0.486	0.485	0.478	0.494
2-Butanone	0.058	0.048	0.049	0.050	0.058
1,1,1-Trichloroethane	0.401	0.435	0.429	0.425	0.441
Carbon Tetrachloride	0.316	0.374	0.368	0.372	0.396
Bromodichloromethane	0.366	0.412	0.410	0.422	0.443
1,2-Dichloropropane	0.280	0.312	0.307	0.308	0.323
cis-1,3-Dichloropropene	0.417	0.463	0.482	0.500	0.536
Trichloroethene	0.307	0.306	0.307	0.296	0.317
Dibromochloromethane	0.304	0.330	0.330	0.343	0.370
1,1,2-Trichloroethane	0.269	0.310	0.298	0.286	0.300
Benzene	1.136	1.163	1.160	1.152	1.220
trans-1,3-Dichloropropene	0.518	0.608	0.624	0.637	0.678
2-Chloroethyl Vinyl Ether	0.145	0.160	0.182	0.205	0.221
Bromoform	0.171	0.208	0.206	0.222	0.250
4-Methyl-2-Pentanone	0.242	0.262	0.295	0.328	0.356
2-Hexanone	0.269	0.274	0.297	0.310	0.327
Tetrachloroethene	0.329	0.311	0.313	0.311	0.330
1,1,2,2-Tetrachloroethane	0.906	1.063	1.005	1.011	1.035
Toluene	1.391	1.543	1.551	1.519	1.588
Chlorobenzene	0.954	1.008	0.979	0.969	1.032
Ethylbenzene	0.446	0.491	0.496	0.503	0.534
Styrene	0.768	0.898	0.940	0.997	1.092
Xylene (Total)	0.484	0.586	0.602	0.626	0.679
Ethyl Ether	0.298	0.290	0.294	0.281	0.285
Acrolein	0.068	0.074	0.073	0.066	0.073
Freon TF	0.342	0.342	0.351	0.358	0.345

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

LAB FILE ID: RRF5: D02149 RRF10: D02151 RRF20: D02152
RRF50: D02153 RRF100: D02154

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
Isopropanol					
Acetonitrile	0.028	0.025	0.027	0.026	0.035
TBA	0.021	0.019	0.025	0.025	0.036
Acrylonitrile	0.117	0.121	0.121	0.113	0.130
MTBE	0.834	0.816	0.853	0.867	0.910
Hexane	0.212	0.285	0.281	0.224	0.237
DIPE	0.968	1.135	1.013	1.020	1.033
Ethyl Acetate	0.029	0.029	0.031	0.036	0.038
Vinyl Acetate	0.635	0.644	0.680	0.705	0.747
Tetrahydrofuran	0.150	0.134	0.147	0.143	0.159
Cyclohexane	0.458	0.472	0.499	0.510	0.514
Isobutanol					
Isopropyl Acetate	0.543	0.576	0.609	0.644	0.677
n-Heptane	0.316	0.346	0.395	0.397	0.403
n-Butanol	0.007	0.007	0.008	0.008	0.009
Propyl Acetate	0.393	0.432	0.459	0.486	0.505
Butyl Acetate	0.508	0.576	0.627	0.663	0.690
1,2-Dibromoethane	0.299	0.337	0.342	0.339	0.355
1,3-Dichlorobenzene	1.410	1.568	1.543	1.514	1.590
1,4-Dichlorobenzene	1.547	1.670	1.629	1.581	1.668
1,2-Dichlorobenzene	1.348	1.500	1.465	1.470	1.537
Naphthalene	2.009	2.477	2.547	2.614	2.744
Methylnaphthalene (total)					
Dimethylnaphthalene (total)					
Dichlorodifluoromethane	0.233	0.206	0.209	0.216	0.215
1,1-Dichloropropene	0.345	0.400	0.413	0.415	0.439
1,2,4-Trichlorobenzene	0.790	0.879	0.936	0.958	1.011
Hexachlorobutadiene	0.346	0.368	0.366	0.354	0.361
1,4-Dioxane	0.002	0.002	0.002	0.002	0.002
Methyl Acrylate					
1,1,1,2-Tetrachloroethane	0.312	0.324	0.335	0.338	0.356
1,2,3-Trichlorobenzene	0.727	0.819		0.824	0.866
1,2,3-Trichloropropane	0.304	0.334	0.323	0.313	0.324
1,2,4-Trimethylbenzene	2.666	2.932	2.983	2.987	3.099
1,2-Dibromo-3-chloropropane	0.168	0.204	0.202	0.203	0.216
1,3,5-Trimethylbenzene	2.374	2.798	2.918	2.989	3.150
1,3-Dichloropropane	0.536	0.612	0.623	0.622	0.656
2,2-Dichloropropane	0.329	0.335	0.325	0.310	0.305
2-Chlorotoluene	2.193	2.472	2.556	2.589	2.678

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

LAB FILE ID: RRF5: D02149 RRF10: D02151 RRF20: D02152
RRF50: D02153 RRF100: D02154

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
4-Chlorotoluene	2.379	2.682	2.705	2.698	2.832
Bromobenzene	0.711	0.758	0.751	0.780	0.826
Bromochloromethane	0.131	0.141	0.141	0.144	0.152
Dibromomethane	0.183	0.201	0.197	0.194	0.207
Isopropylbenzene	1.306	1.538	1.573	1.588	1.691
n-Butylbenzene	4.570	5.139	5.332	5.333	5.486
n-Propylbenzene	3.654	4.274	4.448	4.452	4.656
p-Isopropyltoluene	2.336	2.800	3.048	3.030	3.245
sec-Butylbenzene	3.122	3.551	3.690	3.711	3.823
tert-Butylbenzene	1.870	2.241	2.392	2.463	2.604
Allyl chloride					
Benzyl chloride	4.570	5.139	5.332	5.333	5.486
Epichlorohydrin	0.032	0.032	0.034	0.036	0.038
Isoprene	0.465	0.473	0.488	0.479	0.482
Methyl methacrylate	0.159	0.178	0.196	0.216	0.230
n-Pentane	0.064	0.066	0.066	0.063	0.062
Allyl alcohol					
2-Octanol	0.233	0.243	0.276	0.318	0.394
2-Octanone	1.086	1.264	1.479	1.482	1.530
Ethyl Acrylate	0.323	0.348	0.404	0.414	0.446
Butyl Acrylate	0.203	0.229	0.273	0.284	0.308
Butyl Methacrylate	0.786	0.900	1.057	1.123	1.181
Ethyl methacrylate	0.479	0.545	0.636	0.651	0.698
Ethanol					
Methyl Acetate	0.066	0.068	0.071	0.072	0.084
Methyl cyclohexane	0.415	0.433	0.464	0.486	0.494
Cyclohexanone					
p-Ethyltoluene					
1,4-Diethylbenzene					
1,2,4,5-Tetramethylbenzene					
Propylene Oxide					
Camphene (total)					
Camphor	0.055	0.060	0.076	0.083	0.094
Amyl Acetate	0.628	0.690	0.763	0.742	0.757
2-Methylnaphthalene					
1-Chlorohexane					
Chlorotrifluoromethane					
Chlorodifluoromethane					
tert-Amylmethyl Ether					

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

LAB FILE ID: RRF5: D02149 RRF10: D02151 RRF20: D02152
RRF50: D02153 RRF100: D02154

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
Iodomethane	0.363	0.342	0.453	0.620	0.614
trans-1,4-Dichloro-2-butene	0.301	0.296	0.318	0.316	0.332
Acetaldehyde					
1,3,5-Trichlorobenzene					
1,2-Dichlorotrifluoroethane					
1-Bromo-2-chloroethane					
4-Chlorobenzotrifluoride					
2-Chloropropene					
tert-Butyl ethyl ether	0.827	0.828	0.912	0.892	0.944
1,3-Butadiene					
1,2-Dichloroethane-d4 (SUR)	0.376	0.349	0.392	0.375	0.382
Toluene-d8 (SUR)	0.928	0.863	1.065	1.068	1.085
Bromofluorobenzene (SUR)	0.649	0.583	0.683	0.685	0.694

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

RRF200: D02155

COMPOUND	RRF200
Chloromethane	0.325
Bromomethane	0.222
Vinyl Chloride	0.341
Chloroethane	0.196
Methylene Chloride	0.347
Acetone	0.031
Carbon Disulfide	1.018
Trichlorofluoromethane	0.519
1,1-Dichloroethene	0.327
1,1-Dichloroethane	0.572
trans-1,2-Dichloroethene	0.297
cis-1,2-Dichloroethene	0.317
Chloroform	0.548
1,2-Dichloroethane	0.480
2-Butanone	0.057
1,1,1-Trichloroethane	0.431
Carbon Tetrachloride	0.393
Bromodichloromethane	0.450
1,2-Dichloropropane	0.321
cis-1,3-Dichloropropene	0.543
Trichloroethene	0.333
Dibromochloromethane	0.382
1,1,2-Trichloroethane	0.301
Benzene	1.250
trans-1,3-Dichloropropene	0.676
2-Chloroethyl Vinyl Ether	0.230
Bromoform	0.274
4-Methyl-2-Pentanone	0.363
2-Hexanone	0.329
Tetrachloroethene	0.349
1,1,2,2-Tetrachloroethane	0.955
Toluene	1.625
Chlorobenzene	1.060
Ethylbenzene	0.557
Styrene	1.191
Xylene (Total)	0.724
Ethyl Ether	0.269
Acrolein	0.068
Freon TF	0.343

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

RRF200: D02155

COMPOUND	RRF200
Isopropanol	
Acetonitrile	0.033
TBA	0.036
Acrylonitrile	0.128
MTBE	0.923
Hexane	0.267
DIPE	1.028
Ethyl Acetate	0.038
Vinyl Acetate	0.751
Tetrahydrofuran	0.156
Cyclohexane	0.518
Isobutanol	
Isopropyl Acetate	0.697
n-Heptane	0.406
n-Butanol	0.010
Propyl Acetate	0.527
Butyl Acetate	0.715
1,2-Dibromoethane	0.362
1,3-Dichlorobenzene	1.638
1,4-Dichlorobenzene	1.707
1,2-Dichlorobenzene	1.564
Naphthalene	2.805
Methylnaphthalene (total)	
Dimethylnaphthalene (total)	
Dichlorodifluoromethane	0.207
1,1-Dichloropropene	0.439
1,2,4-Trichlorobenzene	1.077
Hexachlorobutadiene	0.379
1,4-Dioxane	0.002
Methyl Acrylate	
1,1,1,2-Tetrachloroethane	0.367
1,2,3-Trichlorobenzene	0.898
1,2,3-Trichloropropane	0.322
1,2,4-Trimethylbenzene	3.145
1,2-Dibromo-3-chloropropane	0.211
1,3,5-Trimethylbenzene	3.221
1,3-Dichloropropane	0.657
2,2-Dichloropropane	0.278
2-Chlorotoluene	2.681

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

RRF200: D02155

COMPOUND	RRF200
4-Chlorotoluene	2.832
Bromobenzene	0.839
Bromochloromethane	0.156
Dibromomethane	0.205
Isopropylbenzene	1.753
n-Butylbenzene	5.469
n-Propylbenzene	4.657
p-Isopropyltoluene	3.305
sec-Butylbenzene	3.856
tert-Butylbenzene	2.655
Allyl chloride	
Benzyl chloride	5.469
Epichlorohydrin	0.039
Isoprene	0.457
Methyl methacrylate	0.241
n-Pentane	0.060
Allyl alcohol	
2-Octanol	0.502
2-Octanone	1.512
Ethyl Acrylate	0.469
Butyl Acrylate	0.320
Butyl Methacrylate	1.216
Ethyl methacrylate	0.727
Ethanol	
Methyl Acetate	0.082
Methyl cyclohexane	0.508
Cyclohexanone	
p-Ethyltoluene	
1,4-Diethylbenzene	
1,2,4,5-Tetramethylbenzene	
Propylene Oxide	
Camphene (total)	
Camphor	0.104
Amyl Acetate	0.774
2-Methylnaphthalene	
1-Chlorohexane	
Chlorotrifluoromethane	
Chlorodifluoromethane	
tert-Amylmethyl Ether	

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

RRF200: D02155

COMPOUND	RRF200
Iodomethane	0.602
trans-1,4-Dichloro-2-butene	0.333
Acetaldehyde	
1,3,5-Trichlorobenzene	
1,2-Dichlorotrifluoroethane	
1-Bromo-2-chloroethane	
4-Chlorobenzotrifluoride	
2-Chloropropene	
tert-Butyl ethyl ether	0.961
1,3-Butadiene	
1,2-Dichloroethane-d4 (SUR)	0.379
Toluene-d8 (SUR)	1.132
Bromofluorobenzene (SUR)	0.719

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Chloromethane	AVRG		0.32438158		4.1**
Bromomethane	AVRG		0.23043065		6.0*
Vinyl Chloride	AVRG		0.35551699		3.6*
Chloroethane	AVRG		0.20803606		7.2*
Methylene Chloride	AVRG		0.32642609		8.2*
Acetone	2ORDR	0.00000000	28.3604500	25.4028205	0.990*
Carbon Disulfide	AVRG		1.01959213		2.0*
Trichlorofluoromethane	AVRG		0.53763393		2.5*
1,1-Dichloroethene	AVRG		0.34285994		6.3*
1,1-Dichloroethane	AVRG		0.56535238		2.2**
trans-1,2-Dichloroethene	AVRG		0.28858235		2.6*
cis-1,2-Dichloroethene	AVRG		0.30816109		2.4*
Chloroform	AVRG		0.54042410		3.0*
1,2-Dichloroethane	AVRG		0.48125107		2.0*
2-Butanone	AVRG		0.05357360		8.6*
1,1,1-Trichloroethane	AVRG		0.42718818		3.3*
Carbon Tetrachloride	AVRG		0.36981628		7.8*
Bromodichloromethane	AVRG		0.41720644		7.1*
1,2-Dichloropropane	AVRG		0.30863845		4.9*
cis-1,3-Dichloropropene	AVRG		0.49025517		9.6*
Trichloroethene	AVRG		0.31103954		4.1*
Dibromochloromethane	AVRG		0.34340176		8.3*
1,1,2-Trichloroethane	AVRG		0.29405624		4.9*
Benzene	AVRG		1.18011228		3.8*
trans-1,3-Dichloropropene	AVRG		0.62330404		9.4*
2-Chloroethyl Vinyl Ether	LINR	0.00000000	4.40015344		0.998*
Bromoform	LINR	0.00000000	3.74180681		0.994**
4-Methyl-2-Pentanone	LINR	0.00000000	2.77821928		0.998*
2-Hexanone	AVRG		0.30077889		8.6*
Tetrachloroethene	AVRG		0.32373140		4.6*
1,1,2,2-Tetrachloroethane	AVRG		0.99602148		5.7**
Toluene	AVRG		1.53625582		5.2*
Chlorobenzene	AVRG		1.00037152		4.0**
Ethylbenzene	AVRG		0.50459219		7.6*
Styrene	LINR	0.00000000	0.85955595		0.995*
Xylene (Total)	AVRG		0.61693641		13.4*
Ethyl Ether	AVRG		0.28615868		3.6*
Acrolein	AVRG		0.07051300		4.4*
Freon TF	AVRG		0.34679863		1.9*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Isopropanol	AVRG				
Acetonitrile	AVRG		0.02903751		14.4*
TBA	LINR	0.00000000	28.3139699		0.991*
Acrylonitrile	AVRG		0.12175416		5.2*
MTBE	AVRG		0.86720310		4.8*
Hexane	AVRG		0.25103928		12.2*
DIPE	AVRG		1.03276851		5.4*
Ethyl Acetate	AVRG		0.03373113		13.2*
Vinyl Acetate	AVRG		0.69380455		7.2*
Tetrahydrofuran	AVRG		0.14798668		6.1*
Cyclohexane	AVRG		0.49517039		5.0*
Isobutanol	AVRG				
Isopropyl Acetate	AVRG		0.62432416		9.5*
n-Heptane	AVRG		0.37707182		9.8*
n-Butanol	AVRG		0.00804284		11.5*
Propyl Acetate	AVRG		0.46723394		10.6*
Butyl Acetate	AVRG		0.63004840		12.2*
1,2-Dibromoethane	AVRG		0.33894782		6.4*
1,3-Dichlorobenzene	AVRG		1.54390207		5.0*
1,4-Dichlorobenzene	AVRG		1.63376693		3.7*
1,2-Dichlorobenzene	AVRG		1.48090204		5.1*
Naphthalene	AVRG		2.53268666		11.2*
Methylnaphthalene (total)	AVRG				
Dimethylnaphthalene (total)	AVRG				
Dichlorodifluoromethane	AVRG		0.21413765		4.6*
1,1-Dichloropropene	AVRG		0.40855580		8.5*
1,2,4-Trichlorobenzene	AVRG		0.94174991		10.6*
Hexachlorobutadiene	AVRG		0.36232081		3.1*
1,4-Dioxane	AVRG		0.00180575		13.3*
Methyl Acrylate	AVRG				
1,1,1,2-Tetrachloroethane	AVRG		0.33882945		5.9*
1,2,3-Trichlorobenzene	AVRG		0.82695950		7.8*
1,2,3-Trichloropropane	AVRG		0.31995680		3.2*
1,2,4-Trimethylbenzene	AVRG		2.96877810		5.7*
1,2-Dibromo-3-chloropropane	AVRG		0.20083800		8.4*
1,3,5-Trimethylbenzene	AVRG		2.90840824		10.4*
1,3-Dichloropropane	AVRG		0.61782150		7.1*
2,2-Dichloropropane	AVRG		0.31379825		6.6*
2-Chlorotoluene	AVRG		2.52811341		7.2*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
4-Chlorotoluene	AVRG		2.68812786		6.2*
Bromobenzene	AVRG		0.77758185		6.2*
Bromochloromethane	AVRG		0.14407857		6.1*
Dibromomethane	AVRG		0.19796795		4.4*
Isopropylbenzene	AVRG		1.57478085		9.8*
n-Butylbenzene	AVRG		5.22166492		6.6*
n-Propylbenzene	AVRG		4.35691431		8.6*
p-Isopropyltoluene	AVRG		2.96072843		12.0*
sec-Butylbenzene	AVRG		3.62556160		7.4*
tert-Butylbenzene	AVRG		2.37083896		12.1*
Allyl chloride	AVRG				
Benzyl chloride	AVRG		5.22166492		6.6*
Epichlorohydrin	AVRG		0.03524631		8.6*
Isoprene	AVRG		0.47415271		2.4*
Methyl methacrylate	LINR	0.00000000	4.20941811		0.998*
n-Pentane	AVRG		0.06357707		3.9*
Allyl alcohol	AVRG				
2-Octanol	2ORDR	0.00000000	3.03906689	-0.5233809	0.999*
2-Octanone	AVRG		1.39234593		12.8*
Ethyl Acrylate	AVRG		0.40051563		14.0*
Butyl Acrylate	LINR	0.00000000	3.16701373		0.998*
Butyl Methacrylate	LINR	0.00000000	0.83069714		0.999*
Ethyl methacrylate	LINR	0.00000000	1.39391435		0.998*
Ethanol	AVRG				
Methyl Acetate	AVRG		0.07417969		10.0*
Methyl cyclohexane	AVRG		0.46677796		7.8*
Cyclohexanone	AVRG				
p-Ethyltoluene	AVRG				
1,4-Diethylbenzene	AVRG				
1,2,4,5-Tetramethylbenzene	AVRG				
Propylene Oxide	AVRG				
Camphene (total)	AVRG				
Camphor	LINR	0.00000000	9.88392402		0.993*
Amyl Acetate	AVRG		0.72567559		7.8*
2-Methylnaphthalene	AVRG				
1-Chlorohexane	AVRG				
Chlorotrifluoromethane	AVRG				
Chlorodifluoromethane	AVRG				
tert-Amylmethyl Ether	AVRG				

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/06/08 08/06/08

Heated Purge: (Y/N) N Calibration Time(s): 1022 1243

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Iodomethane	LINR	0.00000000	1.65520939		0.998*
trans-1,4-Dichloro-2-butene	AVRG		0.31619927		4.8*
Acetaldehyde	AVRG				
1,3,5-Trichlorobenzene	AVRG				
1,2-Dichlorotrifluoroethane	AVRG				
1-Bromo-2-chloroethane	AVRG				
4-Chlorobenzotrifluoride	AVRG				
2-Chloropropene	AVRG				
tert-Butyl ethyl ether	AVRG		0.89408245		6.4**
1,3-Butadiene	AVRG				
1,2-Dichloroethane-d4 (SUR)	AVRG		0.37569993		3.9*
Toluene-d8 (SUR)	AVRG		1.02360825		10.2*
Bromofluorobenzene (SUR)	AVRG		0.66888431		7.1*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/06/08 Time: 1156

Lab File ID: D02153 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.3240000	0.3156757	0.3156757	0.1	2.57	50.00	AVRG
Bromomethane	0.2300000	0.2337235	0.2337235		-1.62	50.00	AVRG
Vinyl Chloride	0.3560000	0.3550545	0.3550545		0.26	20.00	AVRG
Chloroethane	0.2080000	0.2070956	0.2070956		0.43	50.00	AVRG
Methylene Chloride	0.3260000	0.2903319	0.2903319		10.94	50.00	AVRG
Acetone	36.885111	50.000000	0.0254323		26.23	50.00	2RDR
Carbon Disulfide	1.0200000	1.0198038	1.0198038		0.02	50.00	AVRG
Trichlorofluoromethane	0.5380000	0.5449230	0.5449230		-1.29	50.00	AVRG
1,1-Dichloroethene	0.3430000	0.3308229	0.3308229		3.55	20.00	AVRG
1,1-Dichloroethane	0.5660000	0.5527324	0.5527324	0.1	2.34	50.00	AVRG
trans-1,2-Dichloroethene	0.2890000	0.2819012	0.2819012		2.46	50.00	AVRG
cis-1,2-Dichloroethene	0.3080000	0.3054724	0.3054724		0.82	50.00	AVRG
Chloroform	0.5400000	0.5348658	0.5348658		0.95	20.00	AVRG
1,2-Dichloroethane	0.4810000	0.4780412	0.4780412		0.62	50.00	AVRG
2-Butanone	0.0530000	0.0503060	0.0503060		5.08	50.00	AVRG
1,1,1-Trichloroethane	0.4270000	0.4253162	0.4253162		0.39	50.00	AVRG
Carbon Tetrachloride	0.3700000	0.3722289	0.3722289		-0.60	50.00	AVRG
Bromodichloromethane	0.4170000	0.4215798	0.4215798		-1.10	50.00	AVRG
1,2-Dichloropropane	0.3080000	0.3079280	0.3079280		0.02	20.00	AVRG
cis-1,3-Dichloropropene	0.4900000	0.4995900	0.4995900		-1.96	50.00	AVRG
Trichloroethene	0.3110000	0.2960790	0.2960790		4.80	50.00	AVRG
Dibromochloromethane	0.3430000	0.3429750	0.3429750		0.01	50.00	AVRG
1,1,2-Trichloroethane	0.2940000	0.2863400	0.2863400		2.60	50.00	AVRG
Benzene	1.1800000	1.1522064	1.1522064		2.36	50.00	AVRG
trans-1,3-Dichloropropene	0.6240000	0.6366949	0.6366949		-2.03	50.00	AVRG
2-Chloroethyl Vinyl Ether	45.155902	50.000000	0.2052469		9.69	50.00	LINR
Bromoform	41.586445	50.000000	0.2222800	0.1	16.83	50.00	LINR
4-Methyl-2-Pentanone	45.576111	50.000000	0.3280959		8.85	50.00	LINR
2-Hexanone	0.3010000	0.3098464	0.3098464		-2.94	50.00	AVRG
Tetrachloroethene	0.3240000	0.3108308	0.3108308		4.06	50.00	AVRG
1,1,2,2-Tetrachloroethane	0.9960000	1.0114894	1.0114894	0.3	-1.56	50.00	AVRG
Toluene	1.5360000	1.5192030	1.5192030		1.09	20.00	AVRG
Chlorobenzene	1.0000000	0.9689393	0.9689393	0.3	3.11	50.00	AVRG
Ethylbenzene	0.5040000	0.5032877	0.5032877		0.14	20.00	AVRG
Styrene	42.859021	50.000000	0.9972363		14.28	50.00	LINR
Xylene (Total)	0.6170000	0.6257816	0.6257816		-1.42	50.00	AVRG
Ethyl Ether	0.2860000	0.2810103	0.2810103		1.74	50.00	AVRG
Acrolein	0.0700000	0.0662961	0.0662961		5.29	99.00	AVRG
Freon TF	0.3470000	0.3581597	0.3581597		-3.22	50.00	AVRG
Isopropanol	0.0000000				0.00	50.00	AVRG
Acetonitrile	0.0290000	0.0257813	0.0257813		11.10	50.00	AVRG
TBA	720.07651	1000.0000	0.0254318		27.99	50.00	LINR

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/06/08 Time: 1156

Lab File ID: D02153 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acrylonitrile	0.1220000	0.1130965	0.1130965		7.30	50.00	AVRG
MTBE	0.8670000	0.8674788	0.8674788		-0.06	50.00	AVRG
Hexane	0.2510000	0.2245105	0.2245105		10.55	50.00	AVRG
DIPE	1.0330000	1.0195474	1.0195474		1.30	50.00	AVRG
Ethyl Acetate	0.0340000	0.0359479	0.0359479		-5.73	50.00	AVRG
Vinyl Acetate	0.6940000	0.7049781	0.7049781		-1.58	50.00	AVRG
Tetrahydrofuran	0.1480000	0.1432230	0.1432230		3.23	50.00	AVRG
Cyclohexane	0.4950000	0.5099578	0.5099578		-3.02	50.00	AVRG
Isobutanol	0.0000000				0.00	50.00	AVRG
Isopropyl Acetate	0.6240000	0.6436288	0.6436288		-3.14	50.00	AVRG
n-Heptane	0.3770000	0.3967069	0.3967069		-5.23	50.00	AVRG
n-Butanol	0.0080000	0.0080460	0.0080460		-0.57	50.00	AVRG
Propyl Acetate	0.4670000	0.4864455	0.4864455		-4.16	50.00	AVRG
Butyl Acetate	0.6300000	0.6634054	0.6634054		-5.30	50.00	AVRG
1,2-Dibromoethane	0.3390000	0.3386539	0.3386539		0.10	50.00	AVRG
1,3-Dichlorobenzene	1.5440000	1.5138075	1.5138075		1.96	50.00	AVRG
1,4-Dichlorobenzene	1.6340000	1.5810736	1.5810736		3.24	50.00	AVRG
1,2-Dichlorobenzene	1.4810000	1.4696691	1.4696691		0.76	50.00	AVRG
Naphthalene	2.5330000	2.6135249	2.6135249		-3.18	50.00	AVRG
Methylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dimethylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dichlorodifluoromethane	0.2140000	0.2155555	0.2155555		-0.73	50.00	AVRG
1,1-Dichloropropene	0.4080000	0.4154645	0.4154645		-1.83	50.00	AVRG
1,2,4-Trichlorobenzene	0.9420000	0.9582181	0.9582181		-1.72	50.00	AVRG
Hexachlorobutadiene	0.3620000	0.3538773	0.3538773		2.24	50.00	AVRG
1,4-Dioxane	0.0020000	0.0017143	0.0017143		14.28	50.00	AVRG
Methyl Acrylate	0.0000000				0.00	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3390000	0.3378795	0.3378795		0.33	50.00	AVRG
1,2,3-Trichlorobenzene	0.8270000	0.8244676	0.8244676		0.31	50.00	AVRG
1,2,3-Trichloropropane	0.3200000	0.3133353	0.3133353		2.08	50.00	AVRG
1,2,4-Trimethylbenzene	2.9690000	2.9870241	2.9870241		-0.61	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.2010000	0.2034987	0.2034987		-1.24	50.00	AVRG
1,3,5-Trimethylbenzene	2.9080000	2.9892573	2.9892573		-2.79	50.00	AVRG
1,3-Dichloropropane	0.6180000	0.6222938	0.6222938		-0.69	50.00	AVRG
2,2-Dichloropropane	0.3140000	0.3098084	0.3098084		1.33	50.00	AVRG
2-Chlorotoluene	2.5280000	2.5893597	2.5893597		-2.43	50.00	AVRG
4-Chlorotoluene	2.6880000	2.6981634	2.6981634		-0.38	50.00	AVRG
Bromobenzene	0.7780000	0.7800779	0.7800779		-0.27	50.00	AVRG
Bromochloromethane	0.1440000	0.1435995	0.1435995		0.28	50.00	AVRG
Dibromomethane	0.1980000	0.1945936	0.1945936		1.72	50.00	AVRG
Isopropylbenzene	1.5750000	1.5884608	1.5884608		-0.85	50.00	AVRG
n-Butylbenzene	5.2220000	5.3333062	5.3333062		-2.13	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/06/08 Time: 1156

Lab File ID: D02153 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
n-Propylbenzene	4.3570000	4.4523199	4.4523199		-2.19	50.00	AVRG
p-Isopropyltoluene	2.9610000	3.0299552	3.0299552		-2.33	50.00	AVRG
sec-Butylbenzene	3.6260000	3.7108578	3.7108578		-2.34	50.00	AVRG
tert-Butylbenzene	2.3710000	2.4627997	2.4627997		-3.87	50.00	AVRG
Allyl chloride	0.0000000				0.00	50.00	AVRG
Benzyl chloride	5.2220000	5.3333062	5.3333062		-2.13	50.00	AVRG
Epichlorohydrin	0.0350000	0.0358135	0.0358135		-2.32	50.00	AVRG
Isoprene	0.4740000	0.4788594	0.4788594		-1.02	50.00	AVRG
Methyl methacrylate	45.516475	50.000000	0.2162602		8.97	50.00	LINR
n-Pentane	0.0640000	0.0634534	0.0634534		0.85	50.00	AVRG
Allyl alcohol	0.0000000				0.00	50.00	AVRG
2-Octanol	45.690190	50.000000	0.3181134		8.62	50.00	2RDR
2-Octanone	1.3920000	1.4821913	1.4821913		-6.48	50.00	AVRG
Ethyl Acrylate	0.4010000	0.4135156	0.4135156		-3.12	50.00	AVRG
Butyl Acrylate	44.973926	50.000000	0.2840147		10.05	50.00	LINR
Butyl Methacrylate	46.653439	50.000000	1.1232358		6.69	50.00	LINR
Ethyl methacrylate	45.348047	50.000000	0.6506576		9.30	50.00	LINR
Ethanol	0.0000000				0.00	50.00	AVRG
Methyl Acetate	0.0740000	0.0722832	0.0722832		2.32	50.00	AVRG
Methyl cyclohexane	0.4670000	0.4863165	0.4863165		-4.14	50.00	AVRG
Cyclohexanone	0.0000000				0.00	50.00	AVRG
p-Ethyltoluene	0.0000000				0.00	50.00	AVRG
1,4-Diethylbenzene	0.0000000				0.00	50.00	AVRG
1,2,4,5-Tetramethylbenzene	0.0000000				0.00	50.00	AVRG
Propylene Oxide	0.0000000				0.00	50.00	AVRG
Camphene (total)	0.0000000				0.00	50.00	AVRG
Camphor	206.08686	250.00000	0.0834028		17.56	50.00	LINR
Amyl Acetate	0.7260000	0.7420334	0.7420334		-2.21	50.00	AVRG
2-Methylnaphthalene	0.0000000				0.00	50.00	AVRG
1-Chlorohexane	0.0000000				0.00	50.00	AVRG
Chlorotrifluoromethane	0.0000000				0.00	50.00	AVRG
Chlorodifluoromethane	0.0000000				0.00	50.00	AVRG
tert-Amylmethyl Ether	0.0000000	0.8674788	0.8674788		0.00	50.00	AVRG
Iodomethane	51.285647	50.000000	0.6196877		-2.57	50.00	LINR
trans-1,4-Dichloro-2-butene	0.3160000	0.3160128	0.3160128		-0.00	50.00	AVRG
Acetaldehyde	0.0000000				0.00	50.00	AVRG
1,3,5-Trichlorobenzene	0.0000000				0.00	50.00	AVRG
1,2-Dichlorotrifluoroethane	0.0000000				0.00	50.00	AVRG
1-Bromo-2-chloroethane	0.0000000				0.00	50.00	AVRG
4-Chlorobenzotrifluoride	0.0000000				0.00	50.00	AVRG
2-Chloropropene	0.0000000				0.00	50.00	AVRG
tert-Butyl ethyl ether	0.8940000	0.8923058	0.8923058	0.01	0.19	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/06/08 Time: 1156

Lab File ID: D02153 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,3-Butadiene	0.0000000			0.01	0.00	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.3760000	0.3748341	0.3748341		0.31	50.00	AVRG
Toluene-d8 (SUR)	1.0240000	1.0681291	1.0681291		-4.31	50.00	AVRG
Bromofluorobenzene (SUR)	0.6690000	0.6847549	0.6847549		-2.35	50.00	AVRG

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02149.d
Report Date: 07-Aug-2008 05:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02149.d
Lab Smp Id: DSTD005
Inj Date : 06-AUG-2008 10:22
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD005
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 05:16 audberto Quant Type: ISTD
Cal Date : 06-AUG-2008 10:22 Cal File: d02149.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	27555	5.00000	5.0
1 Chloromethane	50	1.415	1.409	(0.286)	41414	5.00000	5.0
4 Vinyl Chloride	62	1.474	1.474	(0.298)	44701	5.00000	5.0
3 Bromomethane	94	1.709	1.703	(0.346)	30302	5.00000	5.0
5 Chloroethane	64	1.809	1.803	(0.366)	27894	5.00000	5.0
121 n-Pentane	72	1.886	1.886	(0.381)	7570	5.00000	5.0
9 Trichlorofluoromethane	101	1.897	1.898	(0.384)	66167	5.00000	5.0
54 Hexane	56	2.874	2.874	(0.581)	25154	5.00000	5.0
119 Isoprene	67	2.103	2.103	(0.425)	55072	5.00000	5.0
46 Ethyl Ether	59	2.121	2.121	(0.429)	35285	5.00000	5.0
10 1,1-Dichloroethene	96	2.256	2.250	(0.456)	18268	2.00000	2.0
8 Carbon Disulfide	76	2.262	2.268	(0.458)	120214	5.00000	5.0
48 Freon TF	101	2.303	2.303	(0.466)	40564	5.00000	5.0
47 Acrolein	56	2.515	2.515	(0.509)	162453	100.000	100

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02149.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	157 tert-Butyl ethyl ether	59	3.521	3.527	(0.712)	97965	5.00000	5.0
	6 Methylene Chloride	84	2.686	2.692	(0.543)	22313	3.00000	3.0
	7 Acetone	58	2.744	2.745	(0.555)	5005	5.00000	5.0
	12 trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	32924	5.00000	5.0
	131 Methyl Acetate	74	2.839	2.868	(0.574)	7837	5.00000	5.0
	53 MTBE	73	2.915	2.915	(0.590)	98766	5.00000	5.0
	51 TBA	59	3.027	3.021	(0.612)	50349	100.000	100
	50 Acetonitrile	41	3.115	3.115	(0.630)	66936	100.000	100
	55 DIPE	45	3.221	3.221	(0.651)	114614	5.00000	5.0
	147 Iodomethane	142	2.368	2.368	(0.479)	42967	5.00000	5.0
	11 1,1-Dichloroethane	63	3.303	3.303	(0.668)	64990	5.00000	5.0
	52 Acrylonitrile	53	3.362	3.362	(0.680)	138870	50.0000	50
	57 Vinyl Acetate	43	4.144	4.144	(0.838)	75249	5.00000	5.0
	13 cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	35764	5.00000	5.0
	104 2,2-Dichloropropane	77	3.850	3.850	(0.779)	38946	5.00000	5.0
	59 Cyclohexane	56	3.915	3.915	(0.792)	54205	5.00000	5.0
	108 Bromochloromethane	128	3.933	3.933	(0.795)	15499	5.00000	5.0
	15 Chloroform	83	4.009	4.009	(0.811)	60522	5.00000	5.0
	21 Carbon Tetrachloride	117	4.109	4.109	(0.831)	14946	2.00000	2.0
	56 Ethyl Acetate	70	4.144	4.144	(0.838)	6872	10.0000	10
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.845)	47459	5.00000	5.0
	92 1,1-Dichloropropene	75	4.291	4.292	(0.868)	40856	5.00000	5.0
	18 2-Butanone	72	4.303	4.297	(0.870)	6864	5.00000	5.0
	28 Benzene	78	4.533	4.527	(0.917)	26894	1.00000	1.0
	58 Tetrahydrofuran	42	4.150	4.144	(0.839)	17711	5.00000	5.0
	145 tert-Amylmethyl Ether	73	2.915	2.915	(0.590)	98766	5.00000	5.0
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	44556	5.00000	5.0
	17 1,2-Dichloroethane	62	4.733	4.733	(0.957)	22005	2.00000	2.0
*	19 Fluorobenzene	96	4.944	4.944	(1.000)	1184189	50.0000	
	61 Isopropyl Acetate	43	5.038	5.039	(1.019)	128598	10.0000	10
	132 Methyl cyclohexane	83	5.091	5.091	(1.030)	49156	5.00000	5.0
	25 Trichloroethene	95	5.115	5.115	(1.034)	7266	1.00000	1.0
	62 n-Heptane	43	4.515	4.515	(0.913)	37467	5.00000	5.0
	109 Dibromomethane	93	5.556	5.556	(1.124)	21709	5.00000	5.0
	23 1,2-Dichloropropane	63	5.674	5.674	(1.147)	6643	1.00000	1.0
	22 Bromodichloromethane	83	5.762	5.756	(1.165)	8667	1.00000	1.0
	126 Ethyl Acrylate	55	5.756	5.756	(1.164)	38264	5.00000	5.0
	63 n-Butanol	56	5.556	5.550	(1.124)	82799	500.000	500
	120 Methyl methacrylate	69	5.985	5.986	(1.211)	18804	5.00000	5.0
	95 1,4-Dioxane	88	6.003	5.997	(1.214)	39315	1000.00	1000
	64 Propyl Acetate	43	6.162	6.162	(1.246)	93018	10.0000	10
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.308)	17188	5.00000	5.0
	24 cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	49407	5.00000	5.0
$	37 Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	80403	5.00000	5.0
	38 Toluene	91	6.780	6.780	(0.818)	120487	5.00000	5.0
	118 Epichlorohydrin	57	6.821	6.815	(1.379)	75004	100.000	100
	35 Tetrachloroethene	166	7.191	7.191	(0.867)	5693	1.00000	1.0

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02149.d
Report Date: 07-Aug-2008 05:16

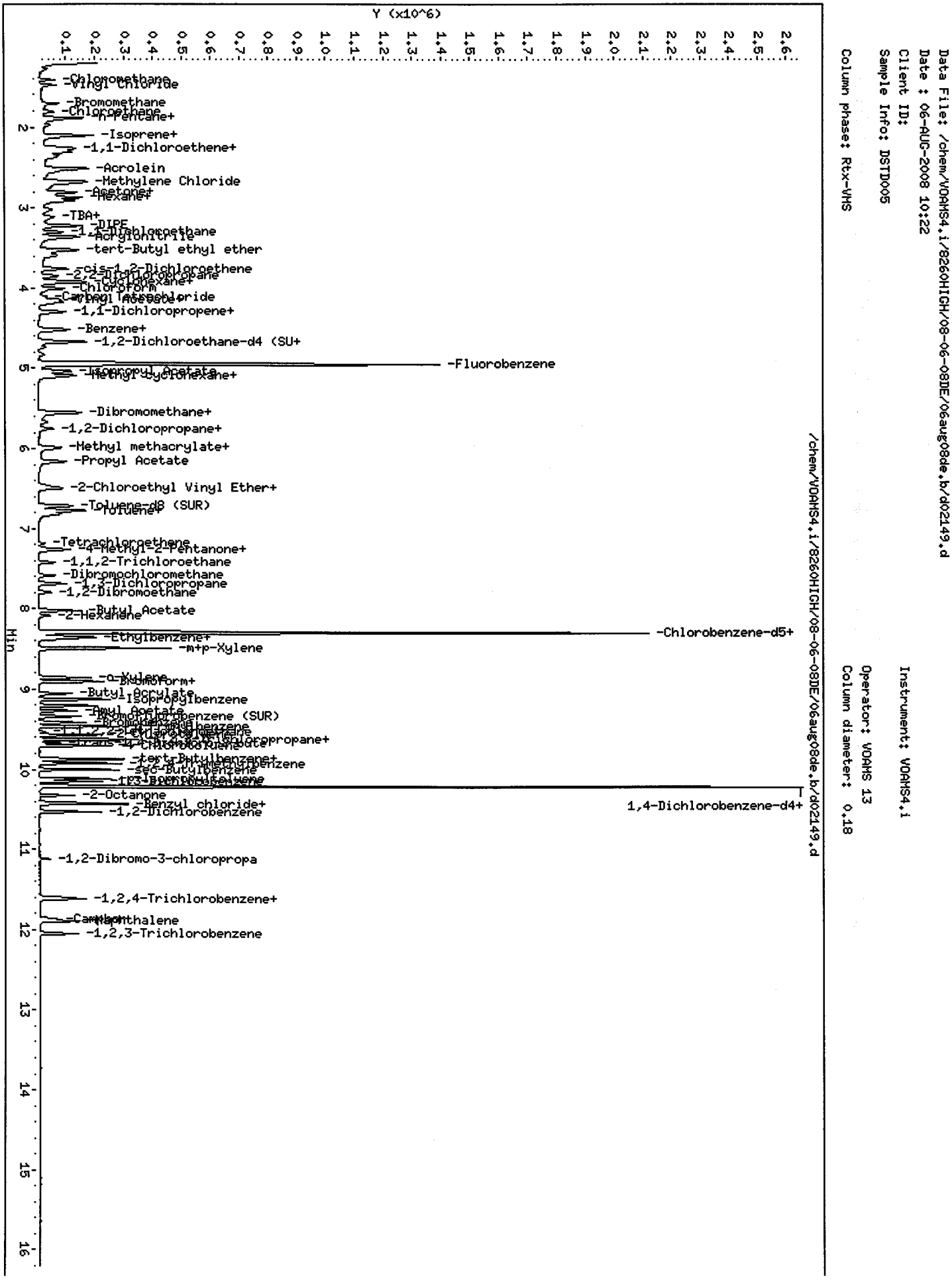
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
33	4-Methyl-2-Pentanone	43	7.250	7.244	(1.466)	28681	5.00000	5.0
29	trans-1,3-Dichloropropene	75	7.268	7.268	(0.877)	44839	5.00000	5.0
27	1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	13981	3.00000	3.0
26	Dibromochloromethane	129	7.585	7.591	(0.915)	26368	5.00000	5.0
103	1,3-Dichloropropane	76	7.691	7.691	(0.928)	46472	5.00000	5.0
66	1,2-Dibromoethane	107	7.797	7.797	(0.940)	25916	5.00000	5.0
65	Butyl Acetate	43	8.027	8.021	(0.968)	88002	10.0000	10
34	2-Hexanone	43	8.085	8.085	(0.975)	23268	5.00000	5.0
* 32	Chlorobenzene-d5	117	8.291	8.291	(1.000)	866050	50.0000	
39	Chlorobenzene	112	8.309	8.309	(1.002)	82661	5.00000	5.0
40	Ethylbenzene	106	8.356	8.356	(1.008)	30873	4.00000	4.0
97	1,1,1,2-Tetrachloroethane	131	8.379	8.380	(1.011)	27048	5.00000	5.0
43	m+p-Xylene	106	8.491	8.491	(1.024)	91034	10.0000	10
44	o-Xylene	106	8.856	8.856	(1.068)	34726	5.00000	5.0
31	Bromoform	173	8.903	8.903	(1.074)	11834	4.00000	4.0
42	Styrene	104	8.903	8.903	(1.074)	66520	5.00000	5.0
127	Butyl Acrylate	73	9.056	9.056	(1.092)	17568	5.00000	5.0
110	Isopropylbenzene	105	9.126	9.127	(1.101)	113080	5.00000	5.0
$ 41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	26565	5.00000	5.0
107	Bromobenzene	156	9.415	9.415	(0.922)	29101	5.00000	5.0
112	n-Propylbenzene	91	9.462	9.462	(0.927)	149503	5.00000	5.0
36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	7418	1.00000	1.0
105	2-Chlorotoluene	91	9.568	9.568	(0.937)	89714	5.00000	5.0
99	1,2,3-Trichloropropane	110	9.621	9.621	(0.942)	12427	5.00000	5.0
102	1,3,5-Trimethylbenzene	105	9.626	9.626	(0.943)	97108	5.00000	5.0
148	trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	12314	5.00000	5.0
106	4-Chlorotoluene	91	9.703	9.703	(0.950)	97351	5.00000	5.0
115	tert-Butylbenzene	119	9.868	9.868	(0.967)	76493	5.00000	5.0
100	1,2,4-Trimethylbenzene	105	9.921	9.921	(0.972)	109085	5.00000	5.0
129	Ethyl methacrylate	69	9.879	9.879	(1.192)	41452	5.00000	5.0
128	Butyl Methacrylate	87	9.879	9.879	(0.968)	32171	5.00000	5.0
114	sec-Butylbenzene	105	10.003	10.003	(0.980)	127732	5.00000	5.0
67	1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	57681	5.00000	5.0
113	p-Isopropyltoluene	119	10.120	10.121	(0.991)	95581	5.00000	5.0
* 91	1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	409132	50.0000	
68	1,4-Dichlorobenzene	146	10.220	10.221	(1.001)	63310	5.00000	5.0
139	Camphor	95	11.867	11.867	(1.162)	11284	25.0000	25
117	Benzyl chloride	91	10.426	10.426	(1.021)	186963	5.00000	5.0
125	2-Octanone	43	10.326	10.326	(1.012)	44438	5.00000	5.0
111	n-Butylbenzene	91	10.426	10.426	(1.021)	186963	5.00000	5.0
124	2-Octanol	45	10.203	10.203	(0.999)	9522	5.00000	5.0(a)
69	1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	55169	5.00000	5.0
101	1,2-Dibromo-3-chloropropane	75	11.120	11.120	(1.089)	6866	5.00000	5.0
93	1,2,4-Trichlorobenzene	180	11.620	11.620	(1.138)	32320	5.00000	5.0
94	Hexachlorobutadiene	225	11.603	11.603	(1.137)	14171	5.00000	5.0
70	Naphthalene	128	11.891	11.891	(1.165)	82188	5.00000	5.0
140	Amyl Acetate	43	9.273	9.268	(1.118)	54365	5.00000	5.0(a)

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02149.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	98 1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	29762	5.00000	5.0
M	14 1,2-Dichloroethene (total)	100				68688	10.0000	10
M	45 Xylene (Total)	100				125760	15.0000	15

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02149.d
Date : 06-AUG-2008 10:22
Client ID:
Sample Info: DSTD005
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02149.d
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride
-Acetone+
-Hexane+
-TBA+
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon Tetrachloride
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane-d4 (SU+
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
-m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl acrylate
-Isopropylbenzene
-Amyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene+
-1,1,2,2-Tetrachloroethane
-Trichlorofluoromethane
-1,2,3-Trichloropropane+
-trans-1,4-Dichloro-2-butene
-n-Propylbenzene
-2-Chlorotoluene
-tert-Butylbenzene+
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-4-Isopropyltoluene
-1,4-Dichlorobenzene-d4+
-2-Octanone
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02151.d
Report Date: 07-Aug-2008 05:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02151.d
Lab Smp Id: DSTD010
Inj Date : 06-AUG-2008 11:09
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD010
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 05:16 audberto Quant Type: ISTD
Cal Date : 06-AUG-2008 11:09 Cal File: d02151.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	48180	10.0000	9.4
1 Chloromethane	50	1.409	1.409	(0.285)	75974	10.0000	9.6
4 Vinyl Chloride	62	1.474	1.474	(0.298)	80530	10.0000	9.5
3 Bromomethane	94	1.709	1.703	(0.346)	50676	10.0000	9.2
5 Chloroethane	64	1.803	1.803	(0.365)	45262	10.0000	9.0
121 n-Pentane	72	1.886	1.886	(0.381)	15460	10.0000	10
9 Trichlorofluoromethane	101	1.898	1.898	(0.384)	124330	10.0000	9.7
54 Hexane	56	2.874	2.874	(0.581)	66621	10.0000	11
119 Isoprene	67	2.103	2.103	(0.425)	110733	10.0000	10
46 Ethyl Ether	59	2.121	2.121	(0.429)	67883	10.0000	9.9
10 1,1-Dichloroethene	96	2.256	2.250	(0.456)	79594	10.0000	9.4
8 Carbon Disulfide	76	2.262	2.268	(0.458)	230635	10.0000	9.8
48 Freon TF	101	2.303	2.303	(0.466)	79952	10.0000	10
47 Acrolein	56	2.509	2.515	(0.507)	344504	200.000	210

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02151.d
Report Date: 07-Aug-2008 05:16

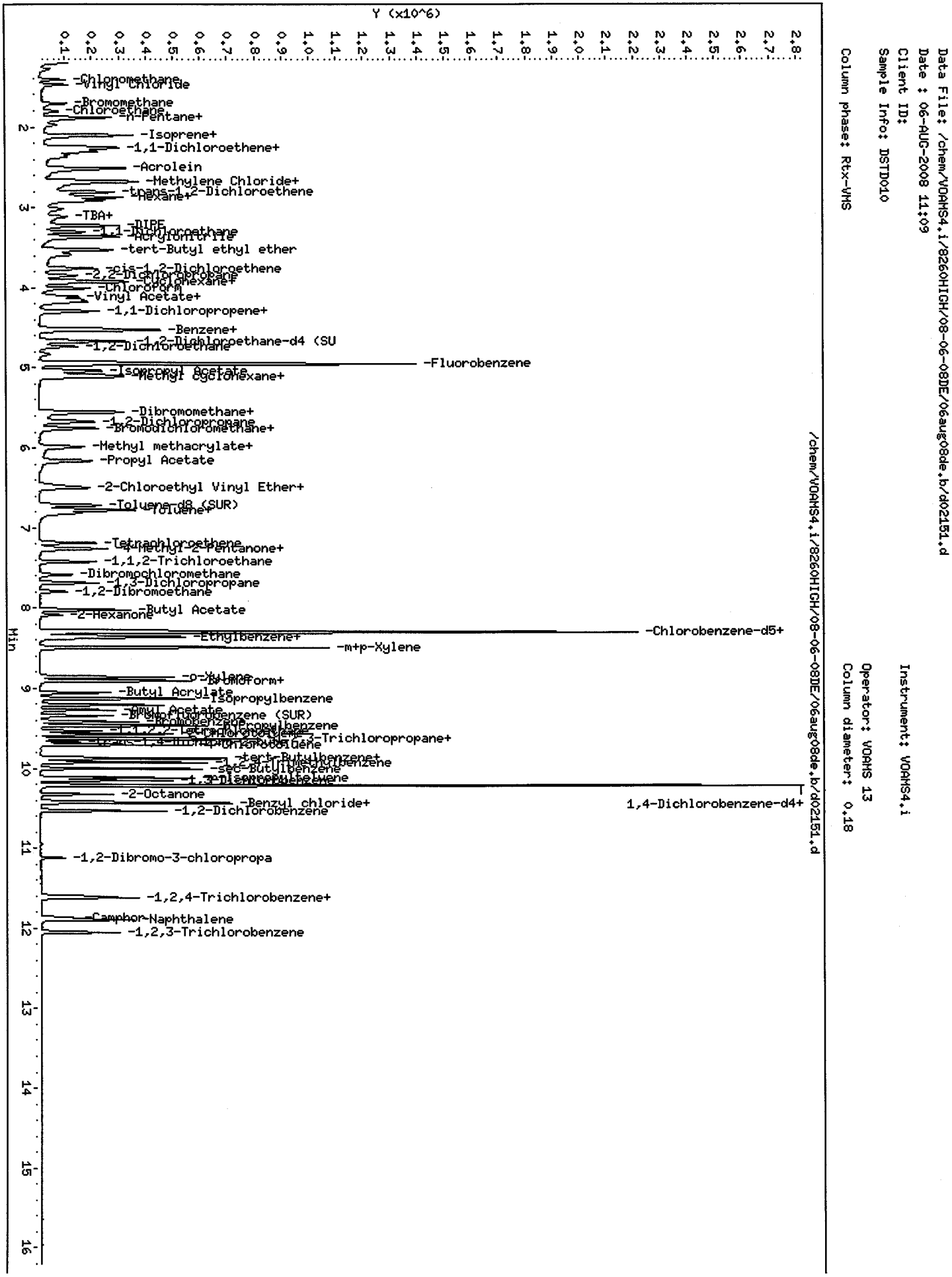
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
157	tert-Butyl ethyl ether	59	3.527	3.527	(0.713)	193704	10.0000	10
6	Methylene Chloride	84	2.686	2.692	(0.543)	71846	10.0000	9.9
7	Acetone	58	2.739	2.745	(0.554)	9006	10.0000	9.8
12	trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	68378	10.0000	10
131	Methyl Acetate	74	2.845	2.868	(0.575)	16024	10.0000	10
53	MTBE	73	2.909	2.915	(0.588)	191062	10.0000	9.9
51	TBA	59	3.021	3.021	(0.611)	90308	200.000	200
50	Acetonitrile	41	3.109	3.115	(0.629)	115856	200.000	190
55	DIPE	45	3.221	3.221	(0.651)	265596	10.0000	11
147	Iodomethane	142	2.374	2.368	(0.480)	80136	10.0000	9.9
11	1,1-Dichloroethane	63	3.303	3.303	(0.668)	132743	10.0000	10
52	Acrylonitrile	53	3.362	3.362	(0.680)	283076	100.000	100
57	Vinyl Acetate	43	4.144	4.144	(0.838)	150684	10.0000	10
13	cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	71146	10.0000	10
104	2,2-Dichloropropane	77	3.850	3.850	(0.779)	78432	10.0000	10
59	Cyclohexane	56	3.915	3.915	(0.792)	110377	10.0000	10
108	Bromochloromethane	128	3.927	3.933	(0.794)	33087	10.0000	10
15	Chloroform	83	4.009	4.009	(0.811)	128583	10.0000	10
21	Carbon Tetrachloride	117	4.109	4.109	(0.831)	87447	10.0000	11
56	Ethyl Acetate	70	4.144	4.144	(0.838)	13804	20.0000	20
20	1,1,1-Trichloroethane	97	4.180	4.180	(0.845)	101829	10.0000	10
92	1,1-Dichloropropene	75	4.291	4.292	(0.868)	93595	10.0000	11
18	2-Butanone	72	4.297	4.297	(0.869)	11364	10.0000	9.1
28	Benzene	78	4.527	4.527	(0.916)	272150	10.0000	10
58	Tetrahydrofuran	42	4.150	4.144	(0.839)	31243	10.0000	9.4
145	tert-Amylmethyl Ether	73	2.909	2.915	(0.588)	191062	10.0000	9.9
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	81585	10.0000	9.6
17	1,2-Dichloroethane	62	4.733	4.733	(0.957)	113792	10.0000	10
* 19	Fluorobenzene	96	4.944	4.944	(1.000)	1169904	50.0000	
61	Isopropyl Acetate	43	5.038	5.039	(1.019)	269372	20.0000	20
132	Methyl cyclohexane	83	5.091	5.091	(1.030)	101256	10.0000	10
25	Trichloroethene	95	5.109	5.115	(1.033)	71600	10.0000	10
62	n-Heptane	43	4.509	4.515	(0.912)	80892	10.0000	10
109	Dibromomethane	93	5.556	5.556	(1.124)	47009	10.0000	10
23	1,2-Dichloropropane	63	5.674	5.674	(1.147)	73116	10.0000	10
22	Bromodichloromethane	83	5.756	5.756	(1.164)	96514	10.0000	10
126	Ethyl Acrylate	55	5.756	5.756	(1.164)	81314	10.0000	10
63	n-Butanol	56	5.550	5.550	(1.123)	173710	1000.00	1000
120	Methyl methacrylate	69	5.985	5.986	(1.211)	41684	10.0000	10
95	1,4-Dioxane	88	5.997	5.997	(1.213)	73869	2000.00	1900
64	Propyl Acetate	43	6.162	6.162	(1.246)	202409	20.0000	21
30	2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.308)	37355	10.0000	10
24	cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	108387	10.0000	10
$ 37	Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	149801	10.0000	9.6
38	Toluene	91	6.780	6.780	(0.818)	267785	10.0000	10
118	Epichlorohydrin	57	6.815	6.815	(1.378)	151231	200.000	200
35	Tetrachloroethene	166	7.191	7.191	(0.867)	53984	10.0000	9.7

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02151.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	33 4-Methyl-2-Pentanone	43	7.250	7.244	(1.466)	61250	10.0000	10
	29 trans-1,3-Dichloropropene	75	7.262	7.268	(0.876)	105498	10.0000	11
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	53738	10.0000	11
	26 Dibromochloromethane	129	7.585	7.591	(0.915)	57349	10.0000	10
	103 1,3-Dichloropropane	76	7.691	7.691	(0.928)	106260	10.0000	11
	66 1,2-Dibromoethane	107	7.797	7.797	(0.940)	58481	10.0000	10
	65 Butyl Acetate	43	8.021	8.021	(0.967)	199956	20.0000	21
	34 2-Hexanone	43	8.085	8.085	(0.975)	47502	10.0000	10
*	32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	867591	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.002)	174883	10.0000	10
	40 Ethylbenzene	106	8.356	8.356	(1.008)	85203	10.0000	10
	97 1,1,1,2-Tetrachloroethane	131	8.374	8.380	(1.010)	56320	10.0000	10
	43 m+p-Xylene	106	8.491	8.491	(1.024)	213774	20.0000	22
	44 o-Xylene	106	8.856	8.856	(1.068)	91314	10.0000	10
	31 Bromoform	173	8.903	8.903	(1.074)	36075	10.0000	10
	42 Styrene	104	8.903	8.903	(1.074)	155818	10.0000	10
	127 Butyl Acrylate	73	9.056	9.056	(1.092)	39758	10.0000	10
	110 Isopropylbenzene	105	9.126	9.127	(1.101)	266876	10.0000	11
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	47065	10.0000	9.5
	107 Bromobenzene	156	9.415	9.415	(0.922)	61203	10.0000	10
	112 n-Propylbenzene	91	9.462	9.462	(0.927)	344999	10.0000	11
	36 1,1,2,2-Tetrachloroethane	83	9.526	9.532	(0.933)	85816	10.0000	11
	105 2-Chlorotoluene	91	9.568	9.568	(0.937)	199529	10.0000	10
	99 1,2,3-Trichloropropane	110	9.621	9.621	(0.942)	26958	10.0000	10
	102 1,3,5-Trimethylbenzene	105	9.626	9.626	(0.943)	225900	10.0000	11
	148 trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	23937	10.0000	9.9
	106 4-Chlorotoluene	91	9.703	9.703	(0.950)	216464	10.0000	10
	115 tert-Butylbenzene	119	9.868	9.868	(0.967)	180935	10.0000	11
	100 1,2,4-Trimethylbenzene	105	9.921	9.921	(0.972)	236681	10.0000	10
	129 Ethyl methacrylate	69	9.879	9.879	(1.192)	94650	10.0000	10
	128 Butyl Methacrylate	87	9.879	9.879	(0.968)	72629	10.0000	10
	114 sec-Butylbenzene	105	10.003	10.003	(0.980)	286661	10.0000	11
	67 1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	126572	10.0000	10
	113 p-Isopropyltoluene	119	10.115	10.121	(0.991)	226064	10.0000	11
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	403610	50.0000	
	68 1,4-Dichlorobenzene	146	10.220	10.221	(1.001)	134805	10.0000	10
	139 Camphor	95	11.867	11.867	(1.162)	24095	50.0000	51
	117 Benzyl chloride	91	10.426	10.426	(1.021)	414870	10.0000	10
	125 2-Octanone	43	10.326	10.326	(1.012)	102039	10.0000	11
	111 n-Butylbenzene	91	10.426	10.426	(1.021)	414870	10.0000	10
	124 2-Octanol	45	10.203	10.203	(0.999)	19637	10.0000	10
	69 1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	121121	10.0000	10
	101 1,2-Dibromo-3-chloropropane	75	11.120	11.120	(1.089)	16514	10.0000	11
	93 1,2,4-Trichlorobenzene	180	11.620	11.620	(1.138)	70934	10.0000	10
	94 Hexachlorobutadiene	225	11.603	11.603	(1.137)	29701	10.0000	10
	70 Naphthalene	128	11.891	11.891	(1.165)	199917	10.0000	11
	140 Amyl Acetate	43	9.274	9.268	(1.118)	119671	10.0000	10

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02151.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	98 1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	66099	10.0000	10
M	14 1,2-Dichloroethene (total)	100				139524	20.0000	20
M	45 Xylene (Total)	100				305088	30.0000	33


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02151.d
Date : 06-AUG-2008 11:09
Client ID:
Sample Info: DSTD010
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02151.d
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-Hexane+
-TBA+
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane-d4 (SU
-1,2-Dichloroethane
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-Butyl Acetate
-2-Hexanone
-Chlorobenzene-d5+
-Ethylbenzene+
-m+p-Xylene
-o-Xylene
-Bromoform+
-Isopropylbenzene
-Butyl Acrylate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-1,2,3-Trichloropropane+
-trans-1,4-Dichloro-2-butene
-Chlorotoluene
-tert-Butylbenzene+
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-p-Isopropyltoluene
-1,3-Dichlorobenzene
-2-Octanone
-Benzyl chloride+
1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02152.d
Report Date: 07-Aug-2008 05:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02152.d
Lab Smp Id: DSTD020
Inj Date : 06-AUG-2008 11:33
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD020
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 05:16 audberto Quant Type: ISTD
Cal Date : 06-AUG-2008 11:33 Cal File: d02152.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	97562	20.0000	19
1 Chloromethane	50	1.409	1.409	(0.285)	146647	20.0000	19
4 Vinyl Chloride	62	1.474	1.474	(0.298)	166533	20.0000	20
3 Bromomethane	94	1.709	1.703	(0.346)	106525	20.0000	20
5 Chloroethane	64	1.803	1.803	(0.365)	98093	20.0000	20
121 n-Pentane	72	1.892	1.886	(0.383)	30875	20.0000	20
9 Trichlorofluoromethane	101	1.898	1.898	(0.384)	251475	20.0000	20
54 Hexane	56	2.874	2.874	(0.581)	131106	20.0000	22
119 Isoprene	67	2.103	2.103	(0.425)	227670	20.0000	20
46 Ethyl Ether	59	2.121	2.121	(0.429)	137016	20.0000	20
10 1,1-Dichloroethene	96	2.256	2.250	(0.456)	157040	20.0000	19
8 Carbon Disulfide	76	2.268	2.268	(0.459)	479523	20.0000	20
48 Freon TF	101	2.303	2.303	(0.466)	163631	20.0000	20
47 Acrolein	56	2.515	2.515	(0.509)	508851	300.000	300

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02152.d
Report Date: 07-Aug-2008 05:16

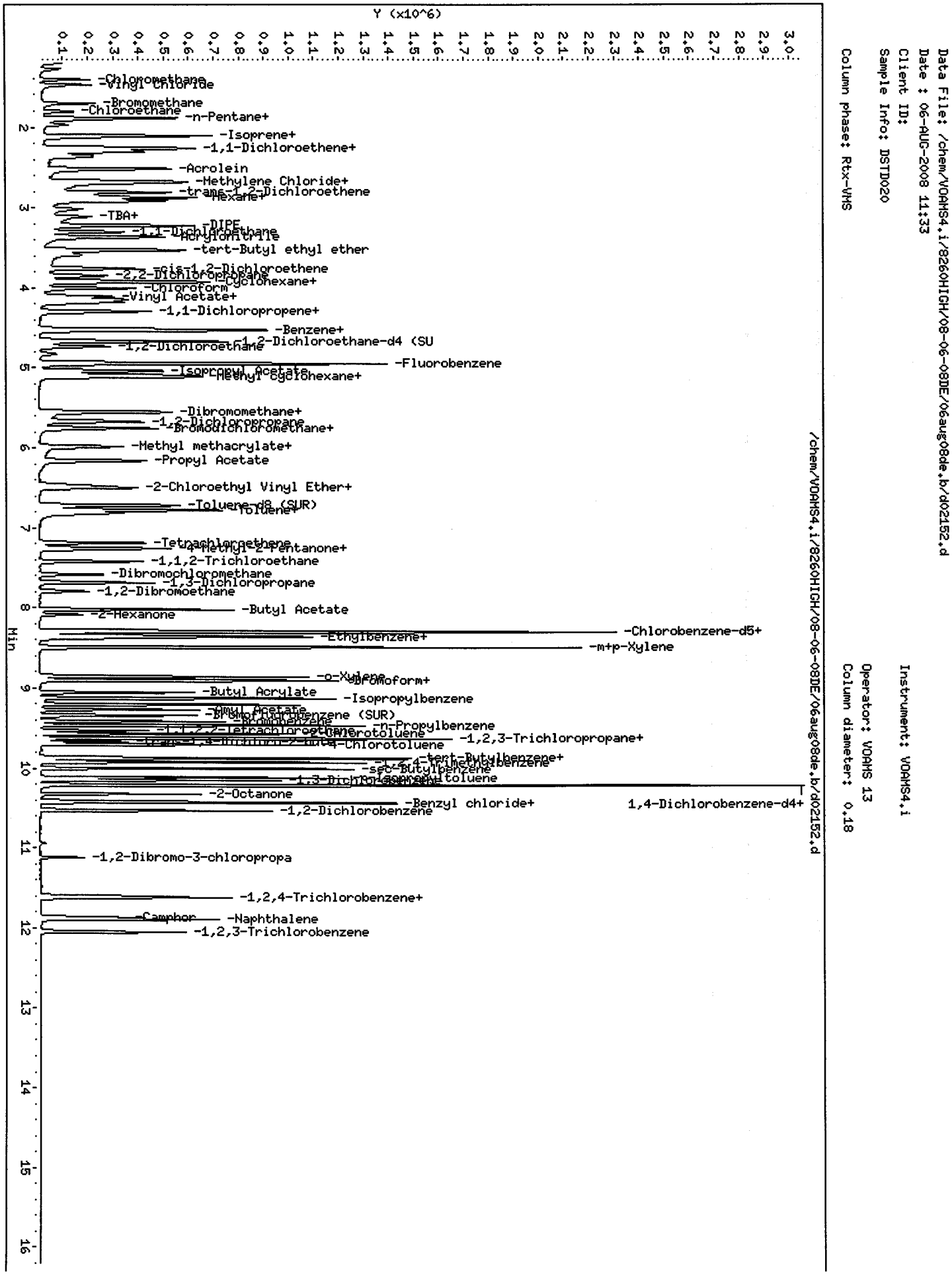
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
157	tert-Butyl ethyl ether	59	3.527	3.527	(0.713)	425389	20.0000	21
6	Methylene Chloride	84	2.686	2.692	(0.543)	158773	20.0000	21
7	Acetone	58	2.745	2.745	(0.555)	13292	20.0000	20
12	trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	133717	20.0000	20
131	Methyl Acetate	74	2.845	2.868	(0.575)	33350	20.0000	21
53	MTBE	73	2.915	2.915	(0.590)	397773	20.0000	20
51	TBA	59	3.015	3.021	(0.610)	237810	400.000	420
50	Acetonitrile	41	3.115	3.115	(0.630)	253048	400.000	410
55	DIPE	45	3.221	3.221	(0.651)	472427	20.0000	20
147	Iodomethane	142	2.368	2.368	(0.479)	211186	20.0000	21
11	1,1-Dichloroethane	63	3.303	3.303	(0.668)	265827	20.0000	20
52	Acrylonitrile	53	3.362	3.362	(0.680)	424665	150.000	150
57	Vinyl Acetate	43	4.144	4.144	(0.838)	317223	20.0000	21
13	cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	141054	20.0000	20
104	2,2-Dichloropropane	77	3.850	3.850	(0.779)	151809	20.0000	20
59	Cyclohexane	56	3.921	3.915	(0.793)	232997	20.0000	21
108	Bromochloromethane	128	3.933	3.933	(0.795)	65884	20.0000	20
15	Chloroform	83	4.009	4.009	(0.811)	253199	20.0000	20
21	Carbon Tetrachloride	117	4.109	4.109	(0.831)	171585	20.0000	21
56	Ethyl Acetate	70	4.144	4.144	(0.838)	28825	40.0000	41
20	1,1,1-Trichloroethane	97	4.180	4.180	(0.845)	200214	20.0000	20
92	1,1-Dichloropropene	75	4.292	4.292	(0.868)	192828	20.0000	21
18	2-Butanone	72	4.303	4.297	(0.870)	23023	20.0000	19
28	Benzene	78	4.527	4.527	(0.916)	541178	20.0000	20
58	Tetrahydrofuran	42	4.144	4.144	(0.838)	68715	20.0000	20
145	tert-Amylmethyl Ether	73	2.915	2.915	(0.590)	397773	20.0000	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	183136	20.0000	21
17	1,2-Dichloroethane	62	4.733	4.733	(0.957)	226451	20.0000	20
* 19	Fluorobenzene	96	4.944	4.944	(1.000)	1166190	50.0000	
61	Isopropyl Acetate	43	5.033	5.039	(1.018)	568357	40.0000	42
132	Methyl cyclohexane	83	5.091	5.091	(1.030)	216606	20.0000	21
25	Trichloroethene	95	5.115	5.115	(1.034)	143297	20.0000	20
62	n-Heptane	43	4.515	4.515	(0.913)	184418	20.0000	22
109	Dibromomethane	93	5.556	5.556	(1.124)	91733	20.0000	20
23	1,2-Dichloropropane	63	5.674	5.674	(1.147)	143222	20.0000	20
22	Bromodichloromethane	83	5.756	5.756	(1.164)	191493	20.0000	21
126	Ethyl Acrylate	55	5.756	5.756	(1.164)	188448	20.0000	22
63	n-Butanol	56	5.550	5.550	(1.123)	266053	1500.00	1600
120	Methyl methacrylate	69	5.986	5.986	(1.211)	91395	20.0000	20
95	1,4-Dioxane	88	5.997	5.997	(1.213)	116182	3000.00	3000
64	Propyl Acetate	43	6.162	6.162	(1.246)	428527	40.0000	43
30	2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.308)	84721	20.0000	20
24	cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	224810	20.0000	21
$ 37	Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	373693	20.0000	22
38	Toluene	91	6.780	6.780	(0.818)	544320	20.0000	21
118	Epichlorohydrin	57	6.815	6.815	(1.378)	320808	400.000	420
35	Tetrachloroethene	166	7.191	7.191	(0.867)	109895	20.0000	20

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02152.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
33	4-Methyl-2-Pentanone	43	7.250	7.244	(1.466)	137504	20.0000	20
29	trans-1,3-Dichloropropene	75	7.268	7.268	(0.877)	218959	20.0000	21
27	1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	104749	20.0000	20
26	Dibromochloromethane	129	7.591	7.591	(0.916)	115796	20.0000	20
103	1,3-Dichloropropane	76	7.691	7.691	(0.928)	218573	20.0000	21
66	1,2-Dibromoethane	107	7.797	7.797	(0.940)	119879	20.0000	21
65	Butyl Acetate	43	8.021	8.021	(0.967)	440455	40.0000	44
34	2-Hexanone	43	8.085	8.085	(0.975)	104158	20.0000	21
* 32	Chlorobenzene-d5	117	8.291	8.291	(1.000)	877490	50.0000	
39	Chlorobenzene	112	8.309	8.309	(1.002)	343501	20.0000	20
40	Ethylbenzene	106	8.356	8.356	(1.008)	174208	20.0000	21
97	1,1,1,2-Tetrachloroethane	131	8.374	8.380	(1.010)	117673	20.0000	21
43	m+p-Xylene	106	8.491	8.491	(1.024)	435731	40.0000	42
44	o-Xylene	106	8.856	8.856	(1.068)	198266	20.0000	20
31	Bromoform	173	8.903	8.903	(1.074)	72503	20.0000	20
42	Styrene	104	8.903	8.903	(1.074)	329790	20.0000	20
127	Butyl Acrylate	73	9.056	9.056	(1.092)	95789	20.0000	21
110	Isopropylbenzene	105	9.127	9.127	(1.101)	552052	20.0000	21
$ 41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	111264	20.0000	21
107	Bromobenzene	156	9.415	9.415	(0.922)	122435	20.0000	20
112	n-Propylbenzene	91	9.462	9.462	(0.927)	724806	20.0000	22
36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	163763	20.0000	20
105	2-Chlorotoluene	91	9.568	9.568	(0.937)	416503	20.0000	21
99	1,2,3-Trichloropropane	110	9.621	9.621	(0.942)	52590	20.0000	20
102	1,3,5-Trimethylbenzene	105	9.626	9.626	(0.943)	475546	20.0000	22
148	trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	51880	20.0000	21
106	4-Chlorotoluene	91	9.703	9.703	(0.950)	440883	20.0000	21
115	tert-Butylbenzene	119	9.868	9.868	(0.967)	389818	20.0000	22
100	1,2,4-Trimethylbenzene	105	9.921	9.921	(0.972)	486170	20.0000	21
129	Ethyl methacrylate	69	9.879	9.879	(1.192)	223397	20.0000	21
128	Butyl Methacrylate	87	9.879	9.879	(0.968)	172226	20.0000	21
114	sec-Butylbenzene	105	10.003	10.003	(0.980)	601367	20.0000	21
67	1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	251498	20.0000	20
113	p-Isopropyltoluene	119	10.121	10.121	(0.991)	496676	20.0000	22
* 91	1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	407417	50.0000	
68	1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	265469	20.0000	20
139	Camphor	95	11.868	11.867	(1.162)	61548	100.000	100
117	Benzyl chloride	91	10.426	10.426	(1.021)	868999	20.0000	21
125	2-Octanone	43	10.326	10.326	(1.012)	241099	20.0000	23
111	n-Butylbenzene	91	10.426	10.426	(1.021)	868999	20.0000	21
124	2-Octanol	45	10.203	10.203	(0.999)	45050	20.0000	20
69	1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	238819	20.0000	20
101	1,2-Dibromo-3-chloropropane	75	11.120	11.120	(1.089)	32956	20.0000	21
93	1,2,4-Trichlorobenzene	180	11.620	11.620	(1.138)	152501	20.0000	22
94	Hexachlorobutadiene	225	11.603	11.603	(1.137)	59607	20.0000	20
70	Naphthalene	128	11.891	11.891	(1.165)	415150	20.0000	22
140	Amyl Acetate	43	9.268	9.268	(1.118)	267827	20.0000	22

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02152.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	98 1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	132206	20.0000	21
M	14 1,2-Dichloroethene (total)	100				274771	40.0000	40
M	45 Xylene (Total)	100				633997	60.0000	65


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02152.d
Date : 06-AUG-2008 11:33
Client ID:
Sample Info: DSTD020
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02152.d
Y (x10^6)
Min
-Chloromethane
-Vinyl chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-Hexane+
-TBA+
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
-m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Vinyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-1,2,3-Trichloropropane+
-4-Chlorotoluene
-tert-Butylbenzene+
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-4-Isopropyltoluene
-2-Octanone
-Benzyl chloride+
1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02153.d
Report Date: 07-Aug-2008 05:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02153.d
Lab Smp Id: DSTD050
Inj Date : 06-AUG-2008 11:56
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD050
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 05:16 audberto Quant Type: ISTD
Cal Date : 06-AUG-2008 11:56 Cal File: d02153.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	258160	50.0000	50
1 Chloromethane	50	1.409	1.409	(0.285)	378069	50.0000	48
4 Vinyl Chloride	62	1.474	1.474	(0.298)	425231	50.0000	50
3 Bromomethane	94	1.703	1.703	(0.345)	279919	50.0000	50
5 Chloroethane	64	1.803	1.803	(0.365)	248028	50.0000	49
121 n-Pentane	72	1.886	1.886	(0.381)	75995	50.0000	49
9 Trichlorofluoromethane	101	1.898	1.898	(0.384)	652627	50.0000	50
54 Hexane	56	2.874	2.874	(0.581)	268885	50.0000	45(H)
119 Isoprene	67	2.103	2.103	(0.425)	573506	50.0000	50
46 Ethyl Ether	59	2.121	2.121	(0.429)	336552	50.0000	48
10 1,1-Dichloroethene	96	2.250	2.250	(0.455)	396210	50.0000	47
8 Carbon Disulfide	76	2.268	2.268	(0.459)	1221368	50.0000	50
48 Freon TF	101	2.303	2.303	(0.466)	428950	50.0000	51
47 Acrolein	56	2.515	2.515	(0.509)	635196	400.000	380

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02153.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	157 tert-Butyl ethyl ether	59	3.527	3.527	(0.713)	1068670	50.0000	52
	6 Methylene Chloride	84	2.692	2.692	(0.544)	347716	50.0000	46
	7 Acetone	58	2.745	2.745	(0.555)	30459	50.0000	50
	12 trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	337619	50.0000	50
	131 Methyl Acetate	74	2.845	2.845	(0.575)	86570	50.0000	52
	53 MTBE	73	2.915	2.915	(0.590)	1038936	50.0000	51
	51 TBA	59	3.021	3.021	(0.611)	609169	1000.00	1000
	50 Acetonitrile	41	3.115	3.115	(0.630)	617539	1000.00	970
	55 DIPE	45	3.221	3.221	(0.651)	1221061	50.0000	49
	147 Iodomethane	142	2.368	2.368	(0.479)	742169	50.0000	52
	11 1,1-Dichloroethane	63	3.303	3.303	(0.668)	661980	50.0000	49
	52 Acrylonitrile	53	3.362	3.362	(0.680)	541800	200.000	190
	57 Vinyl Acetate	43	4.144	4.144	(0.838)	844317	50.0000	53
	13 cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	365849	50.0000	50
	104 2,2-Dichloropropane	77	3.850	3.850	(0.779)	371042	50.0000	48
	59 Cyclohexane	56	3.915	3.915	(0.792)	610751	50.0000	53
	108 Bromochloromethane	128	3.933	3.933	(0.795)	171982	50.0000	52
	15 Chloroform	83	4.009	4.009	(0.811)	640582	50.0000	50
	21 Carbon Tetrachloride	117	4.109	4.109	(0.831)	445800	50.0000	52
	56 Ethyl Acetate	70	4.144	4.144	(0.838)	86106	100.000	110
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.845)	509380	50.0000	50
	92 1,1-Dichloropropene	75	4.292	4.292	(0.868)	497581	50.0000	53
	18 2-Butanone	72	4.297	4.297	(0.869)	60249	50.0000	49
	28 Benzene	78	4.527	4.527	(0.916)	1379940	50.0000	50
	58 Tetrahydrofuran	42	4.144	4.144	(0.838)	171531	50.0000	50
	145 tert-Amylmethyl Ether	73	2.915	2.915	(0.590)	1038936	50.0000	51
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	448920	50.0000	50
	17 1,2-Dichloroethane	62	4.733	4.733	(0.957)	572526	50.0000	50
*	19 Fluorobenzene	96	4.944	4.944	(1.000)	1197650	50.0000	
	61 Isopropyl Acetate	43	5.039	5.039	(1.019)	1541684	100.000	110
	132 Methyl cyclohexane	83	5.091	5.091	(1.030)	582437	50.0000	54
	25 Trichloroethene	95	5.115	5.115	(1.034)	354599	50.0000	49
	62 n-Heptane	43	4.515	4.515	(0.913)	475116	50.0000	54
	109 Dibromomethane	93	5.556	5.556	(1.124)	233055	50.0000	50
	23 1,2-Dichloropropane	63	5.674	5.674	(1.147)	368790	50.0000	51
	22 Bromodichloromethane	83	5.756	5.756	(1.164)	504905	50.0000	52
	126 Ethyl Acrylate	55	5.756	5.756	(1.164)	495247	50.0000	56
	63 n-Butanol	56	5.550	5.550	(1.123)	385451	2000.00	2100
	120 Methyl methacrylate	69	5.986	5.986	(1.211)	259004	50.0000	51
	95 1,4-Dioxane	88	5.997	5.997	(1.213)	164249	4000.00	4100
	64 Propyl Acetate	43	6.162	6.162	(1.246)	1165183	100.000	110
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.308)	245814	50.0000	51
	24 cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	598334	50.0000	54
$	37 Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	991729	50.0000	54
	38 Toluene	91	6.780	6.780	(0.818)	1410539	50.0000	51
	118 Epichlorohydrin	57	6.815	6.815	(1.378)	857841	1000.00	1100
	35 Tetrachloroethene	166	7.191	7.191	(0.867)	288598	50.0000	49

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02153.d
Report Date: 07-Aug-2008 05:16

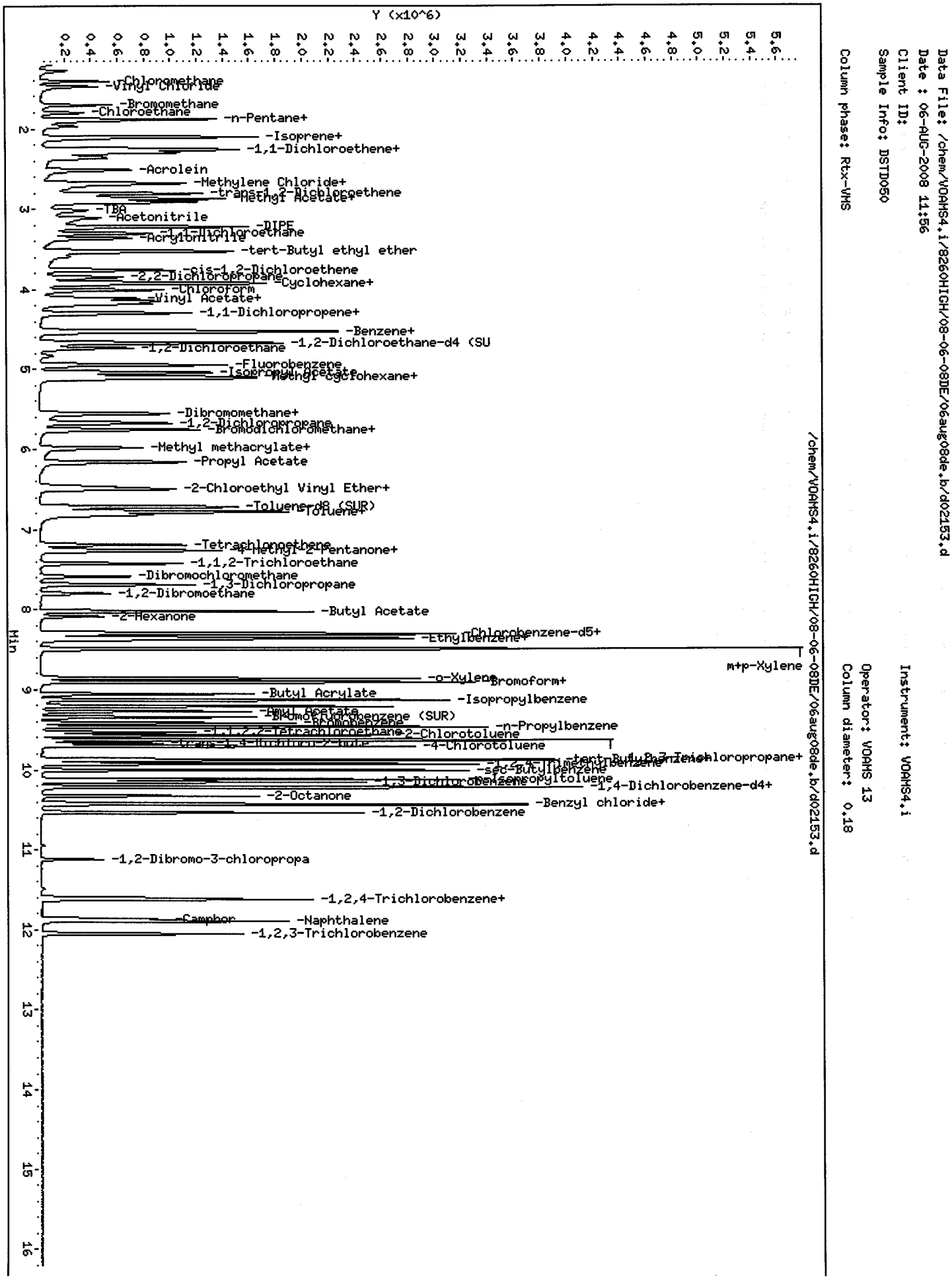
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
33	4-Methyl-2-Pentanone	43	7.244	7.244	(1.465)	392944	50.0000	51
29	trans-1,3-Dichloropropene	75	7.268	7.268	(0.877)	591154	50.0000	53
27	1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	265859	50.0000	49
26	Dibromochloromethane	129	7.591	7.591	(0.916)	318443	50.0000	52
103	1,3-Dichloropropane	76	7.691	7.691	(0.928)	577783	50.0000	52
66	1,2-Dibromoethane	107	7.797	7.797	(0.940)	314431	50.0000	51
65	Butyl Acetate	43	8.021	8.021	(0.967)	1231908	100.000	110
34	2-Hexanone	43	8.085	8.085	(0.975)	287684	50.0000	54
* 32	Chlorobenzene-d5	117	8.291	8.291	(1.000)	928473	50.0000	
39	Chlorobenzene	112	8.309	8.309	(1.002)	899634	50.0000	50
40	Ethylbenzene	106	8.356	8.356	(1.008)	467289	50.0000	52
97	1,1,1,2-Tetrachloroethane	131	8.380	8.380	(1.011)	313712	50.0000	52
43	m+p-Xylene	106	8.491	8.491	(1.024)	1193313	100.000	110
44	o-Xylene	106	8.856	8.856	(1.068)	549751	50.0000	50
31	Bromoform	173	8.903	8.903	(1.074)	206381	50.0000	50
42	Styrene	104	8.903	8.903	(1.074)	925907	50.0000	50
127	Butyl Acrylate	73	9.056	9.056	(1.092)	263700	50.0000	51
110	Isopropylbenzene	105	9.127	9.127	(1.101)	1474843	50.0000	53
$ 41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	294359	50.0000	53
107	Bromobenzene	156	9.415	9.415	(0.922)	335336	50.0000	52
112	n-Propylbenzene	91	9.462	9.462	(0.927)	1913941	50.0000	53
36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	434814	50.0000	51
105	2-Chlorotoluene	91	9.568	9.568	(0.937)	1113101	50.0000	53
99	1,2,3-Trichloropropane	110	9.621	9.621	(0.942)	134695	50.0000	49
102	1,3,5-Trimethylbenzene	105	9.626	9.626	(0.943)	1285007	50.0000	54
148	trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	135846	50.0000	51
106	4-Chlorotoluene	91	9.703	9.703	(0.950)	1159873	50.0000	52
115	tert-Butylbenzene	119	9.868	9.868	(0.967)	1058696	50.0000	55
100	1,2,4-Trimethylbenzene	105	9.921	9.921	(0.972)	1284047	50.0000	52
129	Ethyl methacrylate	69	9.879	9.879	(1.192)	604118	50.0000	50
128	Butyl Methacrylate	87	9.879	9.879	(0.968)	482851	50.0000	51
114	sec-Butylbenzene	105	10.003	10.003	(0.980)	1595205	50.0000	53
67	1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	650748	50.0000	50
113	p-Isopropyltoluene	119	10.121	10.121	(0.991)	1302502	50.0000	54
* 91	1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	429875	50.0000	
68	1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	679664	50.0000	49
139	Camphor	95	11.867	11.867	(1.162)	179264	250.000	260
117	Benzyl chloride	91	10.426	10.426	(1.021)	2292655	50.0000	52
125	2-Octanone	43	10.326	10.326	(1.012)	637157	50.0000	56
111	n-Butylbenzene	91	10.426	10.426	(1.021)	2292655	50.0000	52
124	2-Octanol	45	10.203	10.203	(0.999)	136749	50.0000	50
69	1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	631774	50.0000	51
101	1,2-Dibromo-3-chloropropane	75	11.120	11.120	(1.089)	87479	50.0000	52
93	1,2,4-Trichlorobenzene	180	11.620	11.620	(1.138)	411914	50.0000	54
94	Hexachlorobutadiene	225	11.603	11.603	(1.137)	152123	50.0000	49
70	Naphthalene	128	11.891	11.891	(1.165)	1123489	50.0000	54
140	Amyl Acetate	43	9.268	9.268	(1.118)	688958	50.0000	52

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02153.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	98 1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	354418	50.0000	52
M	14 1,2-Dichloroethene (total)	100				703468	100.000	100
M	45 Xylene (Total)	100				1743064	150.000	160

QC Flag Legend

H - Operator selected an alternate compound hit.


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02153.d
Date : 06-AUG-2008 11:56
Client ID:
Sample Info: BSTD050
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Column phase: Rtx-VMS
/chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02153.d
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-Methyl Acetate+
-TBA
-Acetonitrile
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl Cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Amyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-trans-1,4-Dichloro-2-bute
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-p-Isopropyltoluene
-1,4-Dichlorobenzene-d4+
-2-Octanone
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02154.d
Report Date: 07-Aug-2008 05:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02154.d
Lab Smp Id: DSTD100
Inj Date : 06-AUG-2008 12:20
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD100
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 05:16 audberto Quant Type: ISTD
Cal Date : 06-AUG-2008 11:56 Cal File: d02153.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	528892	100.000	100
1 Chloromethane	50	1.409	1.409	(0.285)	780498	100.000	98
4 Vinyl Chloride	62	1.480	1.474	(0.299)	883784	100.000	100
3 Bromomethane	94	1.704	1.703	(0.345)	557727	100.000	97
5 Chloroethane	64	1.804	1.803	(0.365)	506134	100.000	98
121 n-Pentane	72	1.880	1.886	(0.380)	153550	100.000	97
9 Trichlorofluoromethane	101	1.898	1.898	(0.384)	1312095	100.000	98
54 Hexane	56	2.874	2.874	(0.581)	583751	100.000	96
119 Isoprene	67	2.098	2.103	(0.424)	1188643	100.000	100
46 Ethyl Ether	59	2.115	2.121	(0.428)	702602	100.000	98
10 1,1-Dichloroethene	96	2.256	2.250	(0.456)	831071	100.000	97
8 Carbon Disulfide	76	2.268	2.268	(0.459)	2588618	100.000	100
48 Freon TF	101	2.304	2.303	(0.466)	849690	100.000	99
47 Acrolein	56	2.509	2.515	(0.507)	902816	500.000	520(A)

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02154.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	157 tert-Butyl ethyl ether	59	3.521	3.527	(0.712)	2327012	100.000	110
	6 Methylene Chloride	84	2.686	2.692	(0.543)	887173	100.000	110
	7 Acetone	58	2.745	2.745	(0.555)	89423	100.000	100
	12 trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	729005	100.000	100
	131 Methyl Acetate	74	2.839	2.845	(0.574)	208262	100.000	120
	53 MTBE	73	2.909	2.915	(0.588)	2242085	100.000	110
	51 TBA	59	3.015	3.021	(0.610)	1767593	2000.00	2100
	50 Acetonitrile	41	3.109	3.115	(0.629)	1729815	2000.00	2500
	55 DIPE	45	3.221	3.221	(0.651)	2546920	100.000	100
	147 Iodomethane	142	2.368	2.368	(0.479)	1514509	100.000	100
	11 1,1-Dichloroethane	63	3.303	3.303	(0.668)	1433278	100.000	100
	52 Acrylonitrile	53	3.362	3.362	(0.680)	802362	250.000	270(A)
	57 Vinyl Acetate	43	4.145	4.144	(0.838)	1841625	100.000	110
	13 cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	783282	100.000	100
	104 2,2-Dichloropropane	77	3.850	3.850	(0.779)	751545	100.000	95
	59 Cyclohexane	56	3.915	3.915	(0.792)	1267784	100.000	100
	108 Bromochloromethane	128	3.927	3.933	(0.794)	373489	100.000	110
	15 Chloroform	83	4.009	4.009	(0.811)	1369667	100.000	100
	21 Carbon Tetrachloride	117	4.109	4.109	(0.831)	976446	100.000	110
	56 Ethyl Acetate	70	4.145	4.144	(0.838)	189432	200.000	230
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.845)	1087217	100.000	100
	92 1,1-Dichloropropene	75	4.292	4.292	(0.868)	1081042	100.000	110
	18 2-Butanone	72	4.303	4.297	(0.870)	142374	100.000	110
	28 Benzene	78	4.527	4.527	(0.916)	3006566	100.000	100
	58 Tetrahydrofuran	42	4.145	4.144	(0.838)	390872	100.000	110
	145 tert-Amylmethyl Ether	73	2.909	2.915	(0.588)	2242085	100.000	110
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	942740	100.000	100
	17 1,2-Dichloroethane	62	4.733	4.733	(0.957)	1216336	100.000	100
*	19 Fluorobenzene	96	4.945	4.944	(1.000)	1232237	50.0000	
	61 Isopropyl Acetate	43	5.039	5.039	(1.019)	3338057	200.000	220
	132 Methyl cyclohexane	83	5.092	5.091	(1.030)	1218141	100.000	110
	25 Trichloroethene	95	5.115	5.115	(1.034)	781313	100.000	100
	62 n-Heptane	43	4.515	4.515	(0.913)	992292	100.000	110
	109 Dibromomethane	93	5.556	5.556	(1.124)	510309	100.000	100
	23 1,2-Dichloropropane	63	5.674	5.674	(1.147)	795280	100.000	100
	22 Bromodichloromethane	83	5.756	5.756	(1.164)	1091530	100.000	110
	126 Ethyl Acrylate	55	5.756	5.756	(1.164)	1099054	100.000	120
	63 n-Butanol	56	5.550	5.550	(1.123)	532724	2500.00	2800
	120 Methyl methacrylate	69	5.986	5.986	(1.211)	567424	100.000	100
	95 1,4-Dioxane	88	5.997	5.997	(1.213)	263904	5000.00	6100(A)
	64 Propyl Acetate	43	6.162	6.162	(1.246)	2489384	200.000	220
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.308)	544036	100.000	100
	24 cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	1321937	100.000	110
$	37 Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	2114412	100.000	110
	38 Toluene	91	6.780	6.780	(0.818)	3096418	100.000	100
	118 Epichlorohydrin	57	6.815	6.815	(1.378)	1891704	2000.00	2200
	35 Tetrachloroethene	166	7.191	7.191	(0.867)	643332	100.000	100

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02154.d
Report Date: 07-Aug-2008 05:16

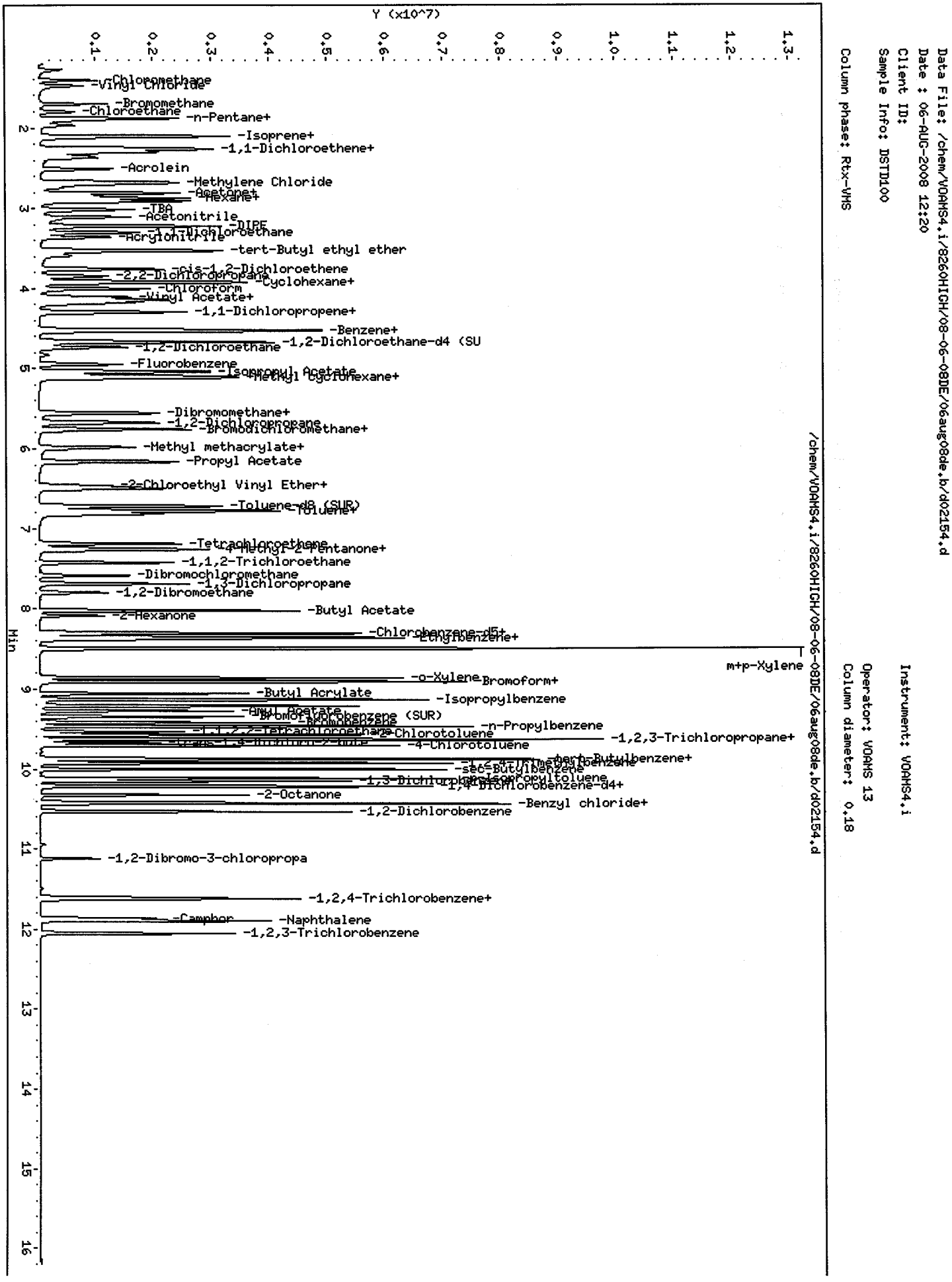
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	33 4-Methyl-2-Pentanone	43	7.244	7.244	(1.465)	878564	100.000	100
	29 trans-1,3-Dichloropropene	75	7.268	7.268	(0.877)	1321814	100.000	110
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	584174	100.000	100
	26 Dibromochloromethane	129	7.591	7.591	(0.916)	722180	100.000	110
	103 1,3-Dichloropropane	76	7.691	7.691	(0.928)	1278415	100.000	110
	66 1,2-Dibromoethane	107	7.797	7.797	(0.940)	692599	100.000	110
	65 Butyl Acetate	43	8.021	8.021	(0.967)	2691428	200.000	220
	34 2-Hexanone	43	8.085	8.085	(0.975)	637248	100.000	110
*	32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	974695	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.002)	2012500	100.000	100
	40 Ethylbenzene	106	8.356	8.356	(1.008)	1042040	100.000	110
	97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	(1.011)	694332	100.000	110
	43 m+p-Xylene	106	8.491	8.491	(1.024)	2730942	200.000	220
	44 o-Xylene	106	8.856	8.856	(1.068)	1241715	100.000	100
	31 Bromoform	173	8.909	8.903	(1.074)	486947	100.000	100
	42 Styrene	104	8.903	8.903	(1.074)	2129254	100.000	100
	127 Butyl Acrylate	73	9.056	9.056	(1.092)	601509	100.000	100
	110 Isopropylbenzene	105	9.127	9.127	(1.101)	3296173	100.000	110
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	632213	100.000	100
	107 Bromobenzene	156	9.415	9.415	(0.922)	752186	100.000	110
	112 n-Propylbenzene	91	9.462	9.462	(0.927)	4240383	100.000	110
	36 1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	942496	100.000	100
	105 2-Chlorotoluene	91	9.568	9.568	(0.937)	2438857	100.000	110
	99 1,2,3-Trichloropropane	110	9.621	9.621	(0.942)	294944	100.000	100
	102 1,3,5-Trimethylbenzene	105	9.627	9.626	(0.943)	2868748	100.000	110
	148 trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	302829	100.000	110
	106 4-Chlorotoluene	91	9.703	9.703	(0.950)	2579205	100.000	110
	115 tert-Butylbenzene	119	9.868	9.868	(0.967)	2371918	100.000	110
	100 1,2,4-Trimethylbenzene	105	9.921	9.921	(0.972)	2822150	100.000	100
	129 Ethyl methacrylate	69	9.879	9.879	(1.192)	1360369	100.000	100
	128 Butyl Methacrylate	87	9.879	9.879	(0.968)	1075739	100.000	100
	114 sec-Butylbenzene	105	10.003	10.003	(0.980)	3481391	100.000	110
	67 1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	1448507	100.000	100
	113 p-Isopropyltoluene	119	10.121	10.121	(0.991)	2955102	100.000	110
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	455358	50.0000	
	68 1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	1519564	100.000	100
	139 Camphor	95	11.868	11.867	(1.162)	429438	500.000	510
	117 Benzyl chloride	91	10.432	10.426	(1.022)	4996297	100.000	110
	125 2-Octanone	43	10.327	10.326	(1.012)	1393549	100.000	110
	111 n-Butylbenzene	91	10.432	10.426	(1.022)	4996297	100.000	110
	124 2-Octanol	45	10.203	10.203	(0.999)	358920	100.000	100
	69 1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	1399814	100.000	100
	101 1,2-Dibromo-3-chloropropane	75	11.121	11.120	(1.089)	196270	100.000	110
	93 1,2,4-Trichlorobenzene	180	11.621	11.620	(1.138)	920547	100.000	110
	94 Hexachlorobutadiene	225	11.603	11.603	(1.137)	328889	100.000	100
	70 Naphthalene	128	11.897	11.891	(1.165)	2499473	100.000	110
	140 Amyl Acetate	43	9.268	9.268	(1.118)	1476252	100.000	100

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02154.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	98 1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	788313	100.000	110
M	14 1,2-Dichloroethene (total)	100				1512287	200.000	210
M	45 Xylene (Total)	100				3972657	300.000	340

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02154.d
Date : 06-AUG-2008 12:20
Client ID:
Sample Info: DSTD100
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02154.d
Y (x10^7)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride
-Acetone+
-Hexane+
-TBA
-Acetonitrile
-DIPE
-Acrylonitrile
-tert-Butyl ethyl ether
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Amyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-1,2,3-Trichloropropane+
-trans-1,4-dichloro-2-bute
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-tert-Butylbenzene+
-sec-Butylbenzene
-1,3-Dichlorobenzene
-p-Isopropyltoluene
-1,4-Dichlorobenzene-d4+
-2-Octanone
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02155.d
Report Date: 07-Aug-2008 05:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02155.d
Lab Smp Id: DSTD200
Inj Date : 06-AUG-2008 12:43
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD200
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 05:16 audberto Quant Type: ISTD
Cal Date : 06-AUG-2008 11:56 Cal File: d02153.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	1080028	200.000	190
1 Chloromethane	50	1.409	1.409	(0.285)	1697022	200.000	200(A)
4 Vinyl Chloride	62	1.480	1.474	(0.299)	1778786	200.000	190
3 Bromomethane	94	1.703	1.703	(0.344)	1157335	200.000	190
5 Chloroethane	64	1.803	1.803	(0.365)	1025507	200.000	190
121 n-Pentane	72	1.886	1.886	(0.381)	310661	200.000	190
9 Trichlorofluoromethane	101	1.897	1.898	(0.384)	2710404	200.000	190
54 Hexane	56	2.874	2.874	(0.581)	1391891	200.000	210(A)
119 Isoprene	67	2.103	2.103	(0.425)	2387327	200.000	190
46 Ethyl Ether	59	2.121	2.121	(0.429)	1404291	200.000	190
10 1,1-Dichloroethene	96	2.262	2.250	(0.458)	1704908	200.000	190
8 Carbon Disulfide	76	2.268	2.268	(0.459)	5316558	200.000	200
48 Freon TF	101	2.303	2.303	(0.466)	1789463	200.000	200
47 Acrolein	56	2.515	2.515	(0.509)	1073946	600.000	580(A)

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02155.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
157	tert-Butyl ethyl ether	59	3.527	3.527	(0.713)	5015698	200.000	210(A)
6	Methylene Chloride	84	2.692	2.692	(0.544)	1810068	200.000	210(A)
7	Acetone	58	2.744	2.745	(0.555)	163299	200.000	200
12	trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	1549567	200.000	200(A)
131	Methyl Acetate	74	2.844	2.845	(0.575)	428704	200.000	220(A)
53	MTBE	73	2.909	2.915	(0.588)	4815991	200.000	210(A)
51	TBA	59	3.021	3.021	(0.611)	3728869	4000.00	4000(A)
50	Acetonitrile	41	3.109	3.115	(0.629)	3466479	4000.00	4600(A)
55	DIPE	45	3.221	3.221	(0.651)	5365194	200.000	200
147	Iodomethane	142	2.368	2.368	(0.479)	3142842	200.000	200
11	1,1-Dichloroethane	63	3.303	3.303	(0.668)	2984680	200.000	200(A)
52	Acrylonitrile	53	3.362	3.362	(0.680)	998784	300.000	310(A)
57	Vinyl Acetate	43	4.144	4.144	(0.838)	3920499	200.000	220(A)
13	cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	1655717	200.000	200(A)
104	2,2-Dichloropropane	77	3.850	3.850	(0.779)	1453707	200.000	180
59	Cyclohexane	56	3.921	3.915	(0.793)	2702173	200.000	210(A)
108	Bromochloromethane	128	3.933	3.933	(0.795)	813201	200.000	220(A)
15	Chloroform	83	4.009	4.009	(0.811)	2863002	200.000	200(A)
21	Carbon Tetrachloride	117	4.109	4.109	(0.831)	2053237	200.000	210(A)
56	Ethyl Acetate	70	4.144	4.144	(0.838)	402923	400.000	460(A)
20	1,1,1-Trichloroethane	97	4.180	4.180	(0.845)	2252202	200.000	200(A)
92	1,1-Dichloropropene	75	4.291	4.292	(0.868)	2290553	200.000	210(A)
18	2-Butanone	72	4.303	4.297	(0.870)	300021	200.000	210(A)
28	Benzene	78	4.533	4.527	(0.917)	6523061	200.000	210(A)
58	Tetrahydrofuran	42	4.144	4.144	(0.838)	812702	200.000	210(A)
145	tert-Amylmethyl Ether	73	2.909	2.915	(0.588)	4815991	200.000	210(A)
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	1979845	200.000	200(A)
17	1,2-Dichloroethane	62	4.738	4.733	(0.958)	2503276	200.000	200
* 19	Fluorobenzene	96	4.944	4.944	(1.000)	1304937	50.0000	
61	Isopropyl Acetate	43	5.038	5.039	(1.019)	7279153	400.000	450(A)
132	Methyl cyclohexane	83	5.091	5.091	(1.030)	2650950	200.000	220(A)
25	Trichloroethene	95	5.115	5.115	(1.034)	1738892	200.000	210(A)
62	n-Heptane	43	4.515	4.515	(0.913)	2117277	200.000	220(A)
109	Dibromomethane	93	5.556	5.556	(1.124)	1071424	200.000	210(A)
23	1,2-Dichloropropane	63	5.674	5.674	(1.147)	1676587	200.000	210(A)
22	Bromodichloromethane	83	5.762	5.756	(1.165)	2347893	200.000	220(A)
126	Ethyl Acrylate	55	5.756	5.756	(1.164)	2448003	200.000	230(A)
63	n-Butanol	56	5.556	5.550	(1.124)	747243	3000.00	3600(A)
120	Methyl methacrylate	69	5.985	5.986	(1.211)	1257890	200.000	200(A)
95	1,4-Dioxane	88	5.997	5.997	(1.213)	325649	6000.00	6900(A)
64	Propyl Acetate	43	6.162	6.162	(1.246)	5504719	400.000	450(A)
30	2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.308)	1203454	200.000	200(A)
24	cis-1,3-Dichloropropene	75	6.503	6.497	(1.315)	2835151	200.000	220(A)
$ 37	Toluene-d8 (SUR)	98	6.721	6.721	(0.802)	4756013	200.000	220(A)
38	Toluene	91	6.779	6.780	(0.809)	6822832	200.000	210(A)
118	Epichlorohydrin	57	6.821	6.815	(1.379)	4062287	4000.00	4400(A)
35	Tetrachloroethene	166	7.191	7.191	(0.858)	1464203	200.000	220(A)

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02155.d
Report Date: 07-Aug-2008 05:16

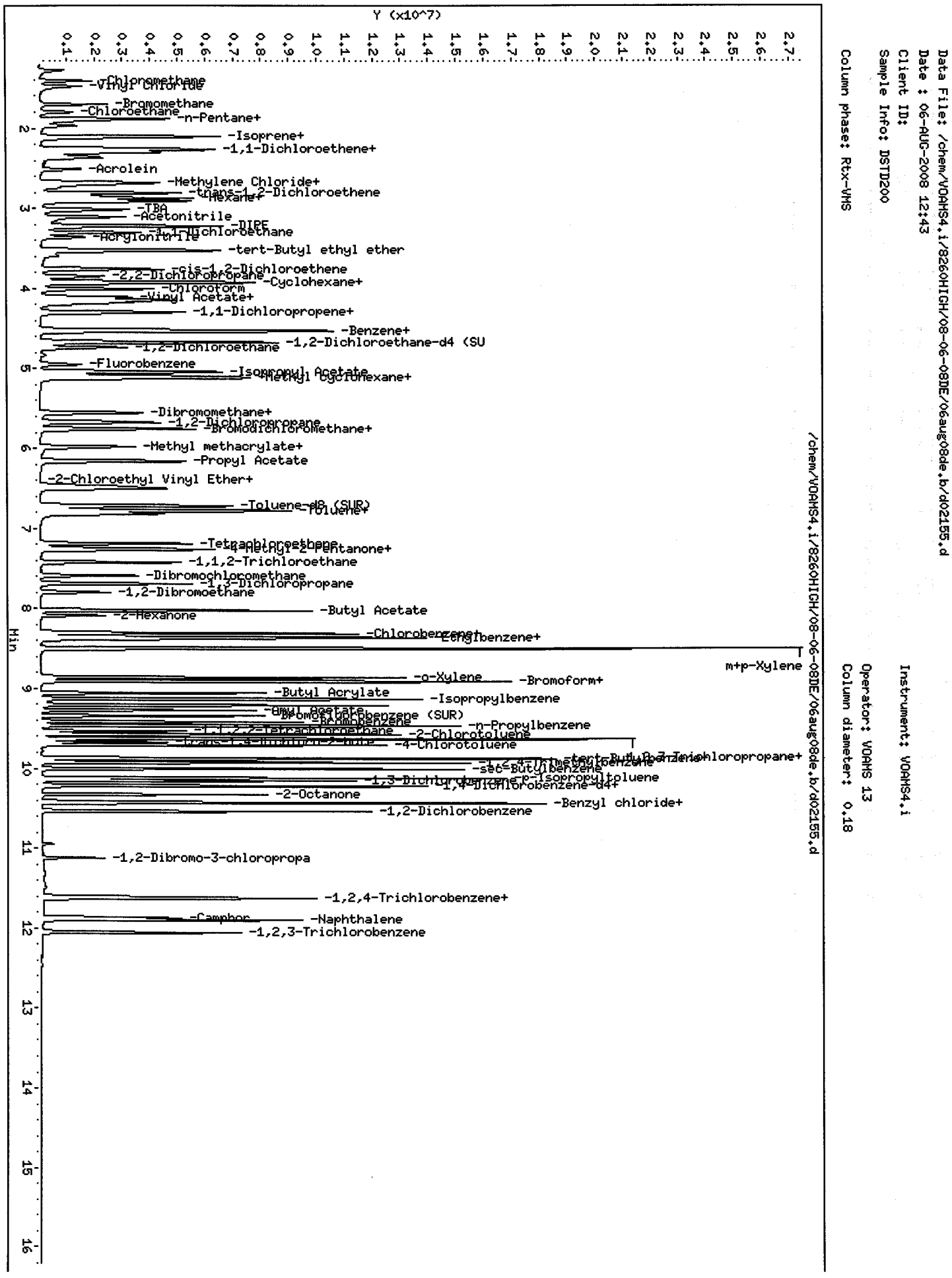
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	33 4-Methyl-2-Pentanone	43	7.250	7.244	(1.466)	1896550	200.000	200(A)
	29 trans-1,3-Dichloropropene	75	7.268	7.268	(0.867)	2836839	200.000	220(A)
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.886)	1264660	200.000	200(A)
	26 Dibromochloromethane	129	7.591	7.591	(0.906)	1604632	200.000	220(A)
	103 1,3-Dichloropropane	76	7.691	7.691	(0.918)	2759656	200.000	210(A)
	66 1,2-Dibromoethane	107	7.797	7.797	(0.930)	1519946	200.000	210(A)
	65 Butyl Acetate	43	8.026	8.021	(0.958)	6004350	400.000	450(A)
	34 2-Hexanone	43	8.085	8.085	(0.965)	1380630	200.000	220(A)
*	32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	1049893	50.0000	(H)
	39 Chlorobenzene	112	8.309	8.309	(0.992)	4451310	200.000	210(A)
	40 Ethylbenzene	106	8.356	8.356	(0.997)	2338159	200.000	220(A)
	97 1,1,1,2-Tetrachloroethane	131	8.379	8.380	(1.000)	1540286	200.000	220(A)
	43 m+p-Xylene	106	8.491	8.491	(1.013)	6362817	400.000	470(A)
	44 o-Xylene	106	8.862	8.856	(1.058)	2762749	200.000	200(A)
	31 Bromoform	173	8.909	8.903	(1.063)	1151106	200.000	200(A)
	42 Styrene	104	8.909	8.903	(1.063)	5000947	200.000	200(A)
	127 Butyl Acrylate	73	9.056	9.056	(1.081)	1343094	200.000	200(A)
	110 Isopropylbenzene	105	9.132	9.127	(1.090)	7361041	200.000	220(A)
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	1448497	200.000	220(A)
	107 Bromobenzene	156	9.415	9.415	(0.922)	1689053	200.000	220(A)
	112 n-Propylbenzene	91	9.468	9.462	(0.927)	9379400	200.000	210(A)
	36 1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.933)	1923634	200.000	190
	105 2-Chlorotoluene	91	9.573	9.568	(0.937)	5399185	200.000	210(A)
	99 1,2,3-Trichloropropane	110	9.626	9.621	(0.942)	648745	200.000	200(A)
	102 1,3,5-Trimethylbenzene	105	9.626	9.626	(0.942)	6486911	200.000	220(A)
	148 trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.946)	670218	200.000	210(A)
	106 4-Chlorotoluene	91	9.709	9.703	(0.950)	5703513	200.000	210(A)
	115 tert-Butylbenzene	119	9.868	9.868	(0.966)	5346127	200.000	220(A)
	100 1,2,4-Trimethylbenzene	105	9.926	9.921	(0.972)	6334117	200.000	210(A)
	129 Ethyl methacrylate	69	9.879	9.879	(1.179)	3052928	200.000	200(A)
	128 Butyl Methacrylate	87	9.879	9.879	(0.967)	2448766	200.000	200(A)
	114 sec-Butylbenzene	105	10.003	10.003	(0.979)	7766352	200.000	210(A)
	67 1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	3298709	200.000	210(A)
	113 p-Isopropyltoluene	119	10.120	10.121	(0.991)	6656148	200.000	220(A)
*	91 1,4-Dichlorobenzene-d4	152	10.215	10.209	(1.000)	503464	50.0000	
	68 1,4-Dichlorobenzene	146	10.220	10.221	(1.001)	3436849	200.000	210(A)
	139 Camphor	95	11.867	11.867	(1.162)	1046055	1000.00	1000(A)
	117 Benzyl chloride	91	10.432	10.426	(1.021)	11013691	200.000	210(A)
	125 2-Octanone	43	10.326	10.326	(1.011)	3045045	200.000	220(A)
	111 n-Butylbenzene	91	10.432	10.426	(1.021)	11013691	200.000	210(A)
	124 2-Octanol	45	10.203	10.203	(0.999)	1010654	200.000	200
	69 1,2-Dichlorobenzene	146	10.532	10.532	(1.031)	3150353	200.000	210(A)
	101 1,2-Dibromo-3-chloropropane	75	11.120	11.120	(1.089)	425719	200.000	210(A)
	93 1,2,4-Trichlorobenzene	180	11.626	11.620	(1.138)	2168918	200.000	230(A)
	94 Hexachlorobutadiene	225	11.603	11.603	(1.136)	762938	200.000	210(A)
	70 Naphthalene	128	11.897	11.891	(1.165)	5649229	200.000	220(A)
	140 Amyl Acetate	43	9.273	9.268	(1.107)	3251616	200.000	210

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02155.d
Report Date: 07-Aug-2008 05:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	98 1,2,3-Trichlorobenzene	180	12.056	12.050	(1.180)	1809335	200.000	220(A)
M	14 1,2-Dichloroethene (total)	100				3205284	400.000	410(A)
M	45 Xylene (Total)	100				9125566	600.000	700(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02155.d
Date : 06-AUG-2008 12:43
Client ID:
Sample Info: DSTD200
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^7)
Min
/chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b/d02155.d
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-Hexane+
-TBA
-Acetonitrile
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl Cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-Butyl Acetate
-2-Hexanone
-Chlorobenzene+
-Ethylbenzene+
m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Amyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-trans-1,4-dichloro-2-bute
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-1,2,3-Trichloropropane+
-sec-Butylbenzene
-1,3-Dichlorobenzene
-p-Isopropyltoluene
-1,4-Dichlorobenzene-d4+
-2-Octanone
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/07/08 Time: 0558

Lab File ID: D02162 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.3240000	0.3282895	0.3282895	0.1	-1.32	50.00	AVRG
Bromomethane	0.2300000	0.2402645	0.2402645		-4.46	50.00	AVRG
Vinyl Chloride	0.3560000	0.3655903	0.3655903		-2.69	20.00	AVRG
Chloroethane	0.2080000	0.2149903	0.2149903		-3.36	50.00	AVRG
Methylene Chloride	0.3260000	0.2912322	0.2912322		10.66	50.00	AVRG
Acetone	39.090387	50.000000	0.0269178		21.82	50.00	2RDR
Carbon Disulfide	1.0200000	1.0321200	1.0321200		-1.19	50.00	AVRG
Trichlorofluoromethane	0.5380000	0.5557726	0.5557726		-3.30	50.00	AVRG
1,1-Dichloroethene	0.3430000	0.3302706	0.3302706		3.71	20.00	AVRG
1,1-Dichloroethane	0.5660000	0.5567519	0.5567519	0.1	1.63	50.00	AVRG
trans-1,2-Dichloroethene	0.2890000	0.2823426	0.2823426		2.30	50.00	AVRG
cis-1,2-Dichloroethene	0.3080000	0.3034361	0.3034361		1.48	50.00	AVRG
Chloroform	0.5400000	0.5393565	0.5393565		0.12	20.00	AVRG
1,2-Dichloroethane	0.4810000	0.4774151	0.4774151		0.74	50.00	AVRG
2-Butanone	0.0530000	0.0491929	0.0491929		7.18	50.00	AVRG
1,1,1-Trichloroethane	0.4270000	0.4273873	0.4273873		-0.09	50.00	AVRG
Carbon Tetrachloride	0.3700000	0.3716218	0.3716218		-0.44	50.00	AVRG
Bromodichloromethane	0.4170000	0.4146908	0.4146908		0.55	50.00	AVRG
1,2-Dichloropropane	0.3080000	0.3041498	0.3041498		1.25	20.00	AVRG
cis-1,3-Dichloropropene	0.4900000	0.5044147	0.5044147		-2.94	50.00	AVRG
Trichloroethene	0.3110000	0.2947495	0.2947495		5.22	50.00	AVRG
Dibromochloromethane	0.3430000	0.3355190	0.3355190		2.18	50.00	AVRG
1,1,2-Trichloroethane	0.2940000	0.2856840	0.2856840		2.83	50.00	AVRG
Benzene	1.1800000	1.1545580	1.1545580		2.16	50.00	AVRG
trans-1,3-Dichloropropene	0.6240000	0.6385528	0.6385528		-2.33	50.00	AVRG
2-Chloroethyl Vinyl Ether	43.829266	50.000000	0.1992170		12.34	50.00	LINR
Bromoform	40.717461	50.000000	0.2176353	0.1	18.56	50.00	LINR
4-Methyl-2-Pentanone	44.433950	50.000000	0.3198736		11.13	50.00	LINR
2-Hexanone	0.3010000	0.2973598	0.2973598		1.21	50.00	AVRG
Tetrachloroethene	0.3240000	0.3050144	0.3050144		5.86	50.00	AVRG
1,1,2,2-Tetrachloroethane	0.9960000	0.9948477	0.9948477	0.3	0.12	50.00	AVRG
Toluene	1.5360000	1.5171965	1.5171965		1.22	20.00	AVRG
Chlorobenzene	1.0000000	0.9676980	0.9676980	0.3	3.23	50.00	AVRG
Ethylbenzene	0.5040000	0.4921129	0.4921129		2.36	20.00	AVRG
Styrene	42.311692	50.000000	0.9845012		15.38	50.00	LINR
Xylene (Total)	0.6170000	0.6209433	0.6209433		-0.64	50.00	AVRG
Ethyl Ether	0.2860000	0.2806998	0.2806998		1.85	50.00	AVRG
Acrolein	0.0700000	0.0714323	0.0714323		-2.05	99.00	AVRG
Freon TF	0.3470000	0.3547593	0.3547593		-2.24	50.00	AVRG
Isopropanol	0.0000000				0.00	50.00	AVRG
Acetonitrile	0.0290000	0.0274119	0.0274119		5.48	50.00	AVRG
TBA	702.13791	1000.0000	0.0247983		29.79	50.00	LINR

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/07/08 Time: 0558

Lab File ID: D02162 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acrylonitrile	0.1220000	0.1218188	0.1218188		0.15	50.00	AVRG
MTBE	0.8670000	0.8491739	0.8491739		2.06	50.00	AVRG
Hexane	0.2510000	0.2379048	0.2379048		5.22	50.00	AVRG
DIPE	1.0330000	1.0292966	1.0292966		0.36	50.00	AVRG
Ethyl Acetate	0.0340000	0.0358490	0.0358490		-5.44	50.00	AVRG
Vinyl Acetate	0.6940000	0.7007182	0.7007182		-0.97	50.00	AVRG
Tetrahydrofuran	0.1480000	0.1388879	0.1388879		6.16	50.00	AVRG
Cyclohexane	0.4950000	0.5052076	0.5052076		-2.06	50.00	AVRG
Isobutanol	0.0000000				0.00	50.00	AVRG
Isopropyl Acetate	0.6240000	0.6210522	0.6210522		0.47	50.00	AVRG
n-Heptane	0.3770000	0.3977739	0.3977739		-5.51	50.00	AVRG
n-Butanol	0.0080000	0.0074688	0.0074688		6.64	50.00	AVRG
Propyl Acetate	0.4670000	0.4595585	0.4595585		1.59	50.00	AVRG
Butyl Acetate	0.6300000	0.6421094	0.6421094		-1.92	50.00	AVRG
1,2-Dibromoethane	0.3390000	0.3335277	0.3335277		1.61	50.00	AVRG
1,3-Dichlorobenzene	1.5440000	1.5125059	1.5125059		2.04	50.00	AVRG
1,4-Dichlorobenzene	1.6340000	1.5520056	1.5520056		5.02	50.00	AVRG
1,2-Dichlorobenzene	1.4810000	1.4367715	1.4367715		2.99	50.00	AVRG
Naphthalene	2.5330000	2.4585875	2.4585875		2.94	50.00	AVRG
Methylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dimethylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dichlorodifluoromethane	0.2140000	0.2027723	0.2027723		5.25	50.00	AVRG
1,1-Dichloropropene	0.4080000	0.4155291	0.4155291		-1.84	50.00	AVRG
1,2,4-Trichlorobenzene	0.9420000	0.9376990	0.9376990		0.46	50.00	AVRG
Hexachlorobutadiene	0.3620000	0.3682475	0.3682475		-1.72	50.00	AVRG
1,4-Dioxane	0.0020000	0.0016300	0.0016300		18.50	50.00	AVRG
Methyl Acrylate	0.0000000				0.00	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3390000	0.3360249	0.3360249		0.88	50.00	AVRG
1,2,3-Trichlorobenzene	0.8270000	0.7921716	0.7921716		4.21	50.00	AVRG
1,2,3-Trichloropropane	0.3200000	0.3057389	0.3057389		4.46	50.00	AVRG
1,2,4-Trimethylbenzene	2.9690000	2.9212775	2.9212775		1.61	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.2010000	0.1973968	0.1973968		1.79	50.00	AVRG
1,3,5-Trimethylbenzene	2.9080000	2.8781668	2.8781668		1.02	50.00	AVRG
1,3-Dichloropropane	0.6180000	0.6171999	0.6171999		0.13	50.00	AVRG
2,2-Dichloropropane	0.3140000	0.3140451	0.3140451		-0.01	50.00	AVRG
2-Chlorotoluene	2.5280000	2.5343173	2.5343173		-0.25	50.00	AVRG
4-Chlorotoluene	2.6880000	2.6875975	2.6875975		0.01	50.00	AVRG
Bromobenzene	0.7780000	0.7723445	0.7723445		0.73	50.00	AVRG
Bromochloromethane	0.1440000	0.1428937	0.1428937		0.77	50.00	AVRG
Dibromomethane	0.1980000	0.1939859	0.1939859		2.03	50.00	AVRG
Isopropylbenzene	1.5750000	1.5714387	1.5714387		0.23	50.00	AVRG
n-Butylbenzene	5.2220000	5.3706887	5.3706887		-2.85	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/07/08 Time: 0558

Lab File ID: D02162 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
n-Propylbenzene	4.3570000	4.3729476	4.3729476		-0.37	50.00	AVRG
p-Isopropyltoluene	2.9610000	2.9538274	2.9538274		0.24	50.00	AVRG
sec-Butylbenzene	3.6260000	3.5802615	3.5802615		1.26	50.00	AVRG
tert-Butylbenzene	2.3710000	2.3846482	2.3846482		-0.58	50.00	AVRG
Allyl chloride	0.0000000				0.00	50.00	AVRG
Benzyl chloride	5.2220000	5.3706887	5.3706887		-2.85	50.00	AVRG
Epichlorohydrin	0.0350000	0.0352199	0.0352199		-0.63	50.00	AVRG
Isoprene	0.4740000	0.4786602	0.4786602		-0.98	50.00	AVRG
Methyl methacrylate	43.868271	50.000000	0.2084291		12.26	50.00	LINR
n-Pentane	0.0640000	0.0650173	0.0650173		-1.59	50.00	AVRG
Allyl alcohol	0.0000000				0.00	50.00	AVRG
2-Octanol	38.711475	50.000000	0.2670398		22.58	50.00	2RDR
2-Octanone	1.3920000	1.4329066	1.4329066		-2.94	50.00	AVRG
Ethyl Acrylate	0.4010000	0.4037946	0.4037946		-0.70	50.00	AVRG
Butyl Acrylate	44.524261	50.000000	0.2811750		10.95	50.00	LINR
Butyl Methacrylate	0.0000000	50.000000	0.0000000		0.00	50.00	LINR
Ethyl methacrylate	0.0000000	50.000000	0.0000000		0.00	50.00	LINR
Ethanol	0.0000000				0.00	50.00	AVRG
Methyl Acetate	0.0740000	0.0728301	0.0728301		1.58	50.00	AVRG
Methyl cyclohexane	0.4670000	0.4777427	0.4777427		-2.30	50.00	AVRG
Cyclohexanone	0.0000000				0.00	50.00	AVRG
p-Ethyltoluene	0.0000000				0.00	50.00	AVRG
1,4-Diethylbenzene	0.0000000				0.00	50.00	AVRG
1,2,4,5-Tetramethylbenzene	0.0000000				0.00	50.00	AVRG
Propylene Oxide	0.0000000				0.00	50.00	AVRG
Camphene (total)	0.0000000				0.00	50.00	AVRG
Camphor	187.14404	250.00000	0.0757367		25.14	50.00	LINR
Amyl Acetate	0.7260000	0.7234453	0.7234453		0.35	50.00	AVRG
2-Methylnaphthalene	0.0000000				0.00	50.00	AVRG
1-Chlorohexane	0.0000000				0.00	50.00	AVRG
Chlorotrifluoromethane	0.0000000				0.00	50.00	AVRG
Chlorodifluoromethane	0.0000000				0.00	50.00	AVRG
tert-Amylmethyl Ether	0.0000000				0.00	50.00	AVRG
Iodomethane	33.987387	50.000000	0.4106717		32.02	50.00	LINR
trans-1,4-Dichloro-2-butene	0.3160000	0.3266551	0.3266551		-3.37	50.00	AVRG
Acetaldehyde	0.0000000				0.00	50.00	AVRG
1,3,5-Trichlorobenzene	0.0000000				0.00	50.00	AVRG
1,2-Dichlorotrifluoroethane	0.0000000				0.00	50.00	AVRG
1-Bromo-2-chloroethane	0.0000000				0.00	50.00	AVRG
4-Chlorobenzotrifluoride	0.0000000				0.00	50.00	AVRG
2-Chloropropene	0.0000000				0.00	50.00	AVRG
tert-Butyl ethyl ether	0.8940000	0.9069287	0.9069287	0.01	-1.45	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/07/08 Time: 0558

Lab File ID: D02162 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,3-Butadiene	0.0000000			0.01	0.00	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.3760000	0.3904669	0.3904669		-3.85	50.00	AVRG
Toluene-d8 (SUR)	1.0240000	1.1084532	1.1084532		-8.25	50.00	AVRG
Bromofluorobenzene (SUR)	0.6690000	0.6995173	0.6995173		-4.56	50.00	AVRG

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02162.d
Report Date: 11-Aug-2008 11:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02162.d
Lab Smp Id: DSTD220
Inj Date : 07-AUG-2008 05:58
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD220
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 11-Aug-2008 11:57 pritch Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

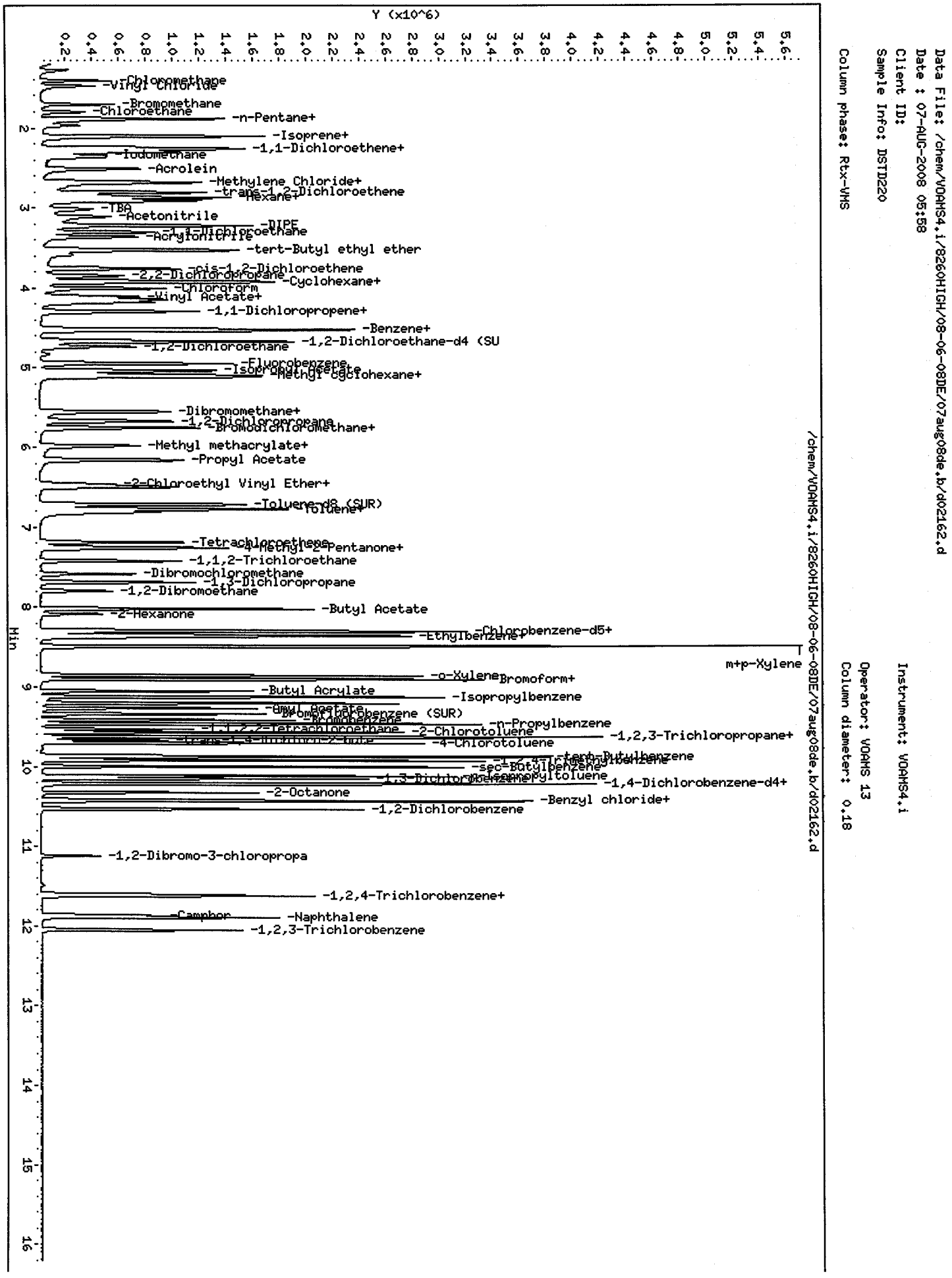
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	245757	50.0000	47
1 Chloromethane	50	1.409	1.409	(0.285)	397882	50.0000	51
4 Vinyl Chloride	62	1.480	1.480	(0.299)	443090	50.0000	51
3 Bromomethane	94	1.704	1.704	(0.345)	291197	50.0000	52
5 Chloroethane	64	1.804	1.804	(0.365)	260565	50.0000	52
121 n-Pentane	72	1.886	1.886	(0.381)	78800	50.0000	51
9 Trichlorofluoromethane	101	1.898	1.898	(0.384)	673588	50.0000	52
54 Hexane	56	2.874	2.874	(0.581)	288337	50.0000	47
119 Isoprene	67	2.103	2.103	(0.425)	580129	50.0000	50
46 Ethyl Ether	59	2.121	2.121	(0.429)	340204	50.0000	49
10 1,1-Dichloroethene	96	2.251	2.251	(0.455)	400283	50.0000	48
8 Carbon Disulfide	76	2.268	2.268	(0.459)	1250914	50.0000	51
48 Freon TF	101	2.303	2.303	(0.466)	429963	50.0000	51
47 Acrolein	56	2.515	2.515	(0.509)	692599	400.000	400

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02162.d
Report Date: 11-Aug-2008 11:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
157	tert-Butyl ethyl ether	59	3.521	3.521	(0.712)	1099184	50.0000	51
6	Methylene Chloride	84	2.686	2.686	(0.543)	352969	50.0000	45
7	Acetone	58	2.745	2.745	(0.555)	32624	50.0000	39
12	trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	342195	50.0000	49
131	Methyl Acetate	74	2.845	2.845	(0.575)	88269	50.0000	49
53	MTBE	73	2.909	2.909	(0.588)	1029186	50.0000	49
51	TBA	59	3.021	3.021	(0.611)	601103	1000.00	700
50	Acetonitrile	41	3.109	3.109	(0.629)	664456	1000.00	940
55	DIPE	45	3.221	3.221	(0.651)	1247492	50.0000	50
147	Iodomethane	142	2.368	2.368	(0.479)	497728	50.0000	34
11	1,1-Dichloroethane	63	3.303	3.303	(0.668)	674775	50.0000	49
52	Acrylonitrile	53	3.362	3.362	(0.680)	590570	200.000	200
57	Vinyl Acetate	43	4.145	4.145	(0.838)	849260	50.0000	50
13	cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	367760	50.0000	49
104	2,2-Dichloropropane	77	3.850	3.850	(0.779)	380618	50.0000	50
59	Cyclohexane	56	3.915	3.915	(0.792)	612304	50.0000	51
108	Bromochloromethane	128	3.927	3.927	(0.794)	173185	50.0000	50
15	Chloroform	83	4.003	4.003	(0.810)	653692	50.0000	50
21	Carbon Tetrachloride	117	4.109	4.109	(0.831)	450400	50.0000	50
56	Ethyl Acetate	70	4.145	4.145	(0.838)	86897	100.000	110
20	1,1,1-Trichloroethane	97	4.174	4.174	(0.844)	517987	50.0000	50
92	1,1-Dichloropropene	75	4.292	4.292	(0.868)	503615	50.0000	51
18	2-Butanone	72	4.297	4.297	(0.869)	59621	50.0000	46
28	Benzene	78	4.527	4.527	(0.916)	1399307	50.0000	49
58	Tetrahydrofuran	42	4.145	4.145	(0.838)	168330	50.0000	47
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	473240	50.0000	52
17	1,2-Dichloroethane	62	4.733	4.733	(0.957)	578620	50.0000	50
* 19	Fluorobenzene	96	4.944	4.944	(1.000)	1211985	50.0000	
61	Isopropyl Acetate	43	5.033	5.033	(1.018)	1505412	100.000	99
132	Methyl cyclohexane	83	5.086	5.086	(1.029)	579017	50.0000	51
25	Trichloroethene	95	5.109	5.109	(1.033)	357232	50.0000	47
62	n-Heptane	43	4.515	4.515	(0.913)	482096	50.0000	53
109	Dibromomethane	93	5.556	5.556	(1.124)	235108	50.0000	49
23	1,2-Dichloropropane	63	5.674	5.674	(1.147)	368625	50.0000	49
22	Bromodichloromethane	83	5.756	5.756	(1.164)	502599	50.0000	50
126	Ethyl Acrylate	55	5.756	5.756	(1.164)	489393	50.0000	50
63	n-Butanol	56	5.550	5.550	(1.123)	362085	2000.00	1800
120	Methyl methacrylate	69	5.980	5.980	(1.209)	252613	50.0000	44
95	1,4-Dioxane	88	5.997	5.997	(1.213)	158038	4000.00	3600
64	Propyl Acetate	43	6.162	6.162	(1.246)	1113956	100.000	98
30	2-Chloroethyl Vinyl Ether	63	6.462	6.462	(1.307)	241448	50.0000	44
24	cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	611343	50.0000	51
$ 37	Toluene-d8 (SUR)	98	6.715	6.715	(0.810)	1034229	50.0000	54
38	Toluene	91	6.780	6.780	(0.818)	1415602	50.0000	49
118	Epichlorohydrin	57	6.815	6.815	(1.378)	853719	1000.00	1000
35	Tetrachloroethene	166	7.191	7.191	(0.867)	284590	50.0000	47
33	4-Methyl-2-Pentanone	43	7.244	7.244	(1.465)	387682	50.0000	44

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02162.d
Report Date: 11-Aug-2008 11:57

			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	29	trans-1,3-Dichloropropene	75	7.262	7.262	(0.876)	595794	50.0000	51
	27	1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	266554	50.0000	48
	26	Dibromochloromethane	129	7.585	7.585	(0.915)	313052	50.0000	49
	103	1,3-Dichloropropane	76	7.691	7.691	(0.928)	575871	50.0000	50
	66	1,2-Dibromoethane	107	7.797	7.797	(0.940)	311194	50.0000	49
	65	Butyl Acetate	43	8.021	8.021	(0.967)	1198225	100.000	100
	34	2-Hexanone	43	8.085	8.085	(0.975)	277448	50.0000	49
*	32	Chlorobenzene-d5	117	8.291	8.291	(1.000)	933038	50.0000	
	39	Chlorobenzene	112	8.309	8.309	(1.002)	902899	50.0000	48
	40	Ethylbenzene	106	8.356	8.356	(1.008)	459160	50.0000	49
	97	1,1,1,2-Tetrachloroethane	131	8.380	8.380	(1.011)	313524	50.0000	50
	43	m+p-Xylene	106	8.491	8.491	(1.024)	1192706	100.000	99
	44	o-Xylene	106	8.856	8.856	(1.068)	545385	50.0000	45
	31	Bromoform	173	8.903	8.903	(1.074)	203062	50.0000	41
	42	Styrene	104	8.903	8.903	(1.074)	918577	50.0000	42
	127	Butyl Acrylate	73	9.056	9.056	(1.092)	262347	50.0000	44
	110	Isopropylbenzene	105	9.127	9.127	(1.101)	1466212	50.0000	50
$	41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	303168	50.0000	52
	107	Bromobenzene	156	9.415	9.415	(0.922)	334731	50.0000	50
	112	n-Propylbenzene	91	9.462	9.462	(0.927)	1895218	50.0000	50
	36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	431163	50.0000	50
	105	2-Chlorotoluene	91	9.568	9.568	(0.937)	1098363	50.0000	50
	99	1,2,3-Trichloropropane	110	9.621	9.621	(0.942)	132506	50.0000	48
	102	1,3,5-Trimethylbenzene	105	9.627	9.627	(0.943)	1247386	50.0000	49
	148	trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	141571	50.0000	52
	106	4-Chlorotoluene	91	9.703	9.703	(0.950)	1164794	50.0000	50
	115	tert-Butylbenzene	119	9.868	9.868	(0.967)	1033497	50.0000	50
	100	1,2,4-Trimethylbenzene	105	9.921	9.921	(0.972)	1266070	50.0000	49
	114	sec-Butylbenzene	105	10.003	10.003	(0.980)	1551671	50.0000	49
	67	1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	655514	50.0000	49
	113	p-Isopropyltoluene	119	10.121	10.121	(0.991)	1280177	50.0000	50
*	91	1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	433396	50.0000	
	68	1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	672633	50.0000	47
	139	Camphor	95	11.868	11.868	(1.162)	164120	250.000	190
	117	Benzyl chloride	91	10.426	10.426	(1.021)	2327635	50.0000	51
	125	2-Octanone	43	10.326	10.326	(1.012)	621016	50.0000	51
	111	n-Butylbenzene	91	10.426	10.426	(1.021)	2327635	50.0000	51
	124	2-Octanol	45	10.203	10.203	(0.999)	115734	50.0000	39
	69	1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	622691	50.0000	48
	101	1,2-Dibromo-3-chloropropane	75	11.121	11.121	(1.089)	85551	50.0000	49
	93	1,2,4-Trichlorobenzene	180	11.621	11.621	(1.138)	406395	50.0000	50
	94	Hexachlorobutadiene	225	11.603	11.603	(1.137)	159597	50.0000	51
	70	Naphthalene	128	11.891	11.891	(1.165)	1065542	50.0000	48
	140	Amyl Acetate	43	9.268	9.268	(1.118)	675002	50.0000	50
	98	1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	343324	50.0000	48
M	14	1,2-Dichloroethene (total)	100				709955	100.000	98
M	45	Xylene (Total)	100				1738091	150.000	150


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02162.d
Date : 07-AUG-2008 05:58
Client ID:
Sample Info: DSTD220
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
/chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02162.d
Chloromethane
Vinyl Chloride
Bromomethane
Chloroethane
n-Pentane+
Isoprene+
1,1-Dichloroethene+
Iodomethane
Acrolein
Methylene Chloride+
trans-1,2-Dichloroethene
Hexane+
TBA
Acetonitrile
DIPE
1,1-Dichloroethane
Acrylonitrile
tert-Butyl ethyl ether
cis-1,2-Dichloroethene
2,2-Dichloropropane
Cyclohexane+
Chloroform
Vinyl Acetate+
1,1-Dichloropropene+
Benzene+
1,2-Dichloroethane-d4 (SU
1,2-Dichloroethane
Fluorobenzene
Isopropyl acetate
Methyl cyclohexane+
Dibromomethane+
1,2-Dichloropropane
Bromodichloromethane+
Methyl methacrylate+
Propyl Acetate
2-Chloroethyl Vinyl Ether+
Toluene-d8 (SUR)
Toluene+
Tetrachloroethene
4-Methyl-2-Pentanone+
1,1,2-Trichloroethane
Dibromochloromethane
1,3-Dichloropropane
1,2-Dibromoethane
2-Hexanone
Butyl Acetate
Chlorobenzene-d5+
Ethylbenzene+
m+p-Xylene
o-Xylene
Bromoform+
Butyl Acrylate
Isopropylbenzene
Bromofluorobenzene (SUR)
Bromobenzene
n-Propylbenzene
1,1,2,2-Tetrachloroethane
2-Chlorotoluene
1,2,3-Trichloropropane+
trans-1,4-dichloro-2-bute
4-Chlorotoluene
1,3,5-Trimethylbenzene
tert-Butylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4+
2-Octanone
Benzyl chloride+
1,2-Dichlorobenzene
1,2-Dibromo-3-chloropropa
1,2,4-Trichlorobenzene+
Camphor
Naphthalene
1,2,3-Trichlorobenzene

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/07/08 Time: 1843

Lab File ID: D02191 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.3240000	0.3077623	0.3077623	0.1	5.01	50.00	AVRG
Bromomethane	0.2300000	0.2240480	0.2240480		2.59	50.00	AVRG
Vinyl Chloride	0.3560000	0.3484471	0.3484471		2.12	20.00	AVRG
Chloroethane	0.2080000	0.2011029	0.2011029		3.32	50.00	AVRG
Methylene Chloride	0.3260000	0.2949811	0.2949811		9.52	50.00	AVRG
Acetone	41.404437	50.000000	0.0284726		17.19	50.00	2RDR
Carbon Disulfide	1.0200000	1.0229899	1.0229899		-0.29	50.00	AVRG
Trichlorofluoromethane	0.5380000	0.5260048	0.5260048		2.23	50.00	AVRG
1,1-Dichloroethene	0.3430000	0.3267819	0.3267819		4.73	20.00	AVRG
1,1-Dichloroethane	0.5660000	0.5662962	0.5662962	0.1	-0.05	50.00	AVRG
trans-1,2-Dichloroethene	0.2890000	0.2837963	0.2837963		1.80	50.00	AVRG
cis-1,2-Dichloroethene	0.3080000	0.3092133	0.3092133		-0.39	50.00	AVRG
Chloroform	0.5400000	0.5510623	0.5510623		-2.05	20.00	AVRG
1,2-Dichloroethane	0.4810000	0.4821684	0.4821684		-0.24	50.00	AVRG
2-Butanone	0.0530000	0.0461903	0.0461903		12.85	50.00	AVRG
1,1,1-Trichloroethane	0.4270000	0.4454156	0.4454156		-4.31	50.00	AVRG
Carbon Tetrachloride	0.3700000	0.3815707	0.3815707		-3.13	50.00	AVRG
Bromodichloromethane	0.4170000	0.4180811	0.4180811		-0.26	50.00	AVRG
1,2-Dichloropropane	0.3080000	0.2959307	0.2959307		3.92	20.00	AVRG
cis-1,3-Dichloropropene	0.4900000	0.4593349	0.4593349		6.26	50.00	AVRG
Trichloroethene	0.3110000	0.3368469	0.3368469		-8.31	50.00	AVRG
Dibromochloromethane	0.3430000	0.3436988	0.3436988		-0.20	50.00	AVRG
1,1,2-Trichloroethane	0.2940000	0.2801589	0.2801589		4.71	50.00	AVRG
Benzene	1.1800000	1.1485417	1.1485417		2.66	50.00	AVRG
trans-1,3-Dichloropropene	0.6240000	0.5927237	0.5927237		5.01	50.00	AVRG
2-Chloroethyl Vinyl Ether	35.876310	50.000000	0.1630684		28.25	50.00	LINR
Bromoform	40.415041	50.000000	0.2160189	0.1	19.17	50.00	LINR
4-Methyl-2-Pentanone	40.566398	50.000000	0.2920316		18.87	50.00	LINR
2-Hexanone	0.3010000	0.2780401	0.2780401		7.63	50.00	AVRG
Tetrachloroethene	0.3240000	0.3187645	0.3187645		1.62	50.00	AVRG
1,1,2,2-Tetrachloroethane	0.9960000	0.8391042	0.8391042	0.3	15.75	50.00	AVRG
Toluene	1.5360000	1.5550867	1.5550867		-1.24	20.00	AVRG
Chlorobenzene	1.0000000	0.9700137	0.9700137	0.3	3.00	50.00	AVRG
Ethylbenzene	0.5040000	0.5001936	0.5001936		0.76	20.00	AVRG
Styrene	42.283720	50.000000	0.9838503		15.43	50.00	LINR
Xylene (Total)	0.6170000	0.6298320	0.6298320		-2.08	50.00	AVRG
Ethyl Ether	0.2860000	0.2858446	0.2858446		0.05	50.00	AVRG
Acrolein	0.0700000	0.0537311	0.0537311		23.24	99.00	AVRG
Freon TF	0.3470000	0.3399052	0.3399052		2.04	50.00	AVRG
Isopropanol	0.0000000				0.00	50.00	AVRG
Acetonitrile	0.0290000	0.0224154	0.0224154		22.70	50.00	AVRG
TBA	582.35491	1000.0000	0.0205678		41.76	50.00	LINR

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/07/08 Time: 1843

Lab File ID: D02191 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acrylonitrile	0.1220000	0.1160543	0.1160543		4.87	50.00	AVRG
MTBE	0.8670000	0.8618646	0.8618646		0.59	50.00	AVRG
Hexane	0.2510000	0.2021678	0.2021678		19.46	50.00	AVRG
DIPE	1.0330000	0.9766423	0.9766423		5.46	50.00	AVRG
Ethyl Acetate	0.0340000	0.0308123	0.0308123		9.38	50.00	AVRG
Vinyl Acetate	0.6940000	0.6179856	0.6179856		10.95	50.00	AVRG
Tetrahydrofuran	0.1480000	0.1261995	0.1261995		14.73	50.00	AVRG
Cyclohexane	0.4950000	0.4899473	0.4899473		1.02	50.00	AVRG
Isobutanol	0.0000000				0.00	50.00	AVRG
Isopropyl Acetate	0.6240000	0.5802370	0.5802370		7.01	50.00	AVRG
n-Heptane	0.3770000	0.2966864	0.2966864		21.30	50.00	AVRG
n-Butanol	0.0080000	0.0049400	0.0049400		38.25	50.00	AVRG
Propyl Acetate	0.4670000	0.3969913	0.3969913		14.99	50.00	AVRG
Butyl Acetate	0.6300000	0.5799157	0.5799157		7.95	50.00	AVRG
1,2-Dibromoethane	0.3390000	0.3334494	0.3334494		1.64	50.00	AVRG
1,3-Dichlorobenzene	1.5440000	1.4883592	1.4883592		3.60	50.00	AVRG
1,4-Dichlorobenzene	1.6340000	1.5375282	1.5375282		5.90	50.00	AVRG
1,2-Dichlorobenzene	1.4810000	1.4553227	1.4553227		1.73	50.00	AVRG
Naphthalene	2.5330000	2.5458270	2.5458270		-0.51	50.00	AVRG
Methylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dimethylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dichlorodifluoromethane	0.2140000	0.2156974	0.2156974		-0.79	50.00	AVRG
1,1-Dichloropropene	0.4080000	0.4230441	0.4230441		-3.69	50.00	AVRG
1,2,4-Trichlorobenzene	0.9420000	0.9493246	0.9493246		-0.78	50.00	AVRG
Hexachlorobutadiene	0.3620000	0.3394068	0.3394068		6.24	50.00	AVRG
1,4-Dioxane	0.0020000	0.0009203	0.0009203		53.98	50.00	AVRG
Methyl Acrylate	0.0000000				0.00	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3390000	0.3555796	0.3555796		-4.89	50.00	AVRG
1,2,3-Trichlorobenzene	0.8270000	0.8342650	0.8342650		-0.88	50.00	AVRG
1,2,3-Trichloropropane	0.3200000	0.3048136	0.3048136		4.74	50.00	AVRG
1,2,4-Trimethylbenzene	2.9690000	2.9261647	2.9261647		1.44	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.2010000	0.1962687	0.1962687		2.35	50.00	AVRG
1,3,5-Trimethylbenzene	2.9080000	2.9196340	2.9196340		-0.40	50.00	AVRG
1,3-Dichloropropane	0.6180000	0.6025809	0.6025809		2.50	50.00	AVRG
2,2-Dichloropropane	0.3140000	0.2503506	0.2503506		20.27	50.00	AVRG
2-Chlorotoluene	2.5280000	2.5597657	2.5597657		-1.26	50.00	AVRG
4-Chlorotoluene	2.6880000	2.6278791	2.6278791		2.24	50.00	AVRG
Bromobenzene	0.7780000	0.7605406	0.7605406		2.24	50.00	AVRG
Bromochloromethane	0.1440000	0.1451019	0.1451019		-0.76	50.00	AVRG
Dibromomethane	0.1980000	0.1901413	0.1901413		3.97	50.00	AVRG
Isopropylbenzene	1.5750000	1.6219795	1.6219795		-2.98	50.00	AVRG
n-Butylbenzene	5.2220000	4.3726415	4.3726415		16.26	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/07/08 Time: 1843

Lab File ID: D02191 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
n-Propylbenzene	4.3570000	4.3179912	4.3179912		0.90	50.00	AVRG
p-Isopropyltoluene	2.9610000	2.9559187	2.9559187		0.17	50.00	AVRG
sec-Butylbenzene	3.6260000	3.5826455	3.5826455		1.20	50.00	AVRG
tert-Butylbenzene	2.3710000	2.4289305	2.4289305		-2.44	50.00	AVRG
Allyl chloride	0.0000000				0.00	50.00	AVRG
Benzyl chloride	5.2220000	4.3726415	4.3726415		16.26	50.00	AVRG
Epichlorohydrin	0.0350000	0.0281169	0.0281169		19.67	50.00	AVRG
Isoprene	0.4740000	0.4760472	0.4760472		-0.43	50.00	AVRG
Methyl methacrylate	38.705850	50.000000	0.1839012		22.59	50.00	LINR
n-Pentane	0.0640000	0.0594152	0.0594152		7.16	50.00	AVRG
Allyl alcohol	0.0000000				0.00	50.00	AVRG
2-Octanol	37.118585	50.000000	0.2555204		25.76	50.00	2RDR
2-Octanone	1.3920000	1.3533165	1.3533165		2.78	50.00	AVRG
Ethyl Acrylate	0.4010000	0.3307184	0.3307184		17.53	50.00	AVRG
Butyl Acrylate	40.081068	50.000000	0.2531158		19.84	50.00	LINR
Butyl Methacrylate	41.944531	50.000000	1.0098634		16.11	50.00	LINR
Ethyl methacrylate	42.647372	50.000000	0.6119081		14.70	50.00	LINR
Ethanol	0.0000000				0.00	50.00	AVRG
Methyl Acetate	0.0740000	0.0663781	0.0663781		10.30	50.00	AVRG
Methyl cyclohexane	0.4670000	0.4586332	0.4586332		1.79	50.00	AVRG
Cyclohexanone	0.0000000				0.00	50.00	AVRG
p-Ethyltoluene	0.0000000				0.00	50.00	AVRG
1,4-Diethylbenzene	0.0000000				0.00	50.00	AVRG
1,2,4,5-Tetramethylbenzene	0.0000000				0.00	50.00	AVRG
Propylene Oxide	0.0000000				0.00	50.00	AVRG
Camphene (total)	0.0000000				0.00	50.00	AVRG
Camphor	173.86839	250.00000	0.0703641		30.45	50.00	LINR
Amyl Acetate	0.7260000	0.6555118	0.6555118		9.71	50.00	AVRG
2-Methylnaphthalene	0.0000000				0.00	50.00	AVRG
1-Chlorohexane	0.0000000				0.00	50.00	AVRG
Chlorotrifluoromethane	0.0000000				0.00	50.00	AVRG
Chlorodifluoromethane	0.0000000				0.00	50.00	AVRG
tert-Amylmethyl Ether	0.0000000	0.8618646	0.8618646		0.00	50.00	AVRG
Iodomethane	50.554975	50.000000	0.6108590		-1.11	50.00	LINR
trans-1,4-Dichloro-2-butene	0.3160000	0.2388198	0.2388198		24.42	50.00	AVRG
Acetaldehyde	0.0000000				0.00	50.00	AVRG
1,3,5-Trichlorobenzene	0.0000000				0.00	50.00	AVRG
1,2-Dichlorotrifluoroethane	0.0000000				0.00	50.00	AVRG
1-Bromo-2-chloroethane	0.0000000				0.00	50.00	AVRG
4-Chlorobenzotrifluoride	0.0000000				0.00	50.00	AVRG
2-Chloropropene	0.0000000				0.00	50.00	AVRG
tert-Butyl ethyl ether	0.8940000	0.8550445	0.8550445	0.01	4.36	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/07/08 Time: 1843

Lab File ID: D02191 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,3-Butadiene	0.0000000			0.01	0.00	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.3760000	0.3692579	0.3692579		1.79	50.00	AVRG
Toluene-d8 (SUR)	1.0240000	1.1583429	1.1583429		-13.12	50.00	AVRG
Bromofluorobenzene (SUR)	0.6690000	0.7511715	0.7511715		-12.28	50.00	AVRG

Data File: d02191.d
Report Date: 14-Aug-2008 13:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08dea.b/d02191.d
Lab Smp Id: XSTD220
Inj Date : 07-AUG-2008 18:43
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : XSTD220
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08dea.b/8260H_08.m
Meth Date : 14-Aug-2008 13:41 vibha Quant Type: ISTD
Cal Date : 07-AUG-2008 18:43 Cal File: d02191.d
Als bottle: 30 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90	Dichlorodifluoromethane	85	1.280	1.280	(0.259)	235776	50.0000	50
1	Chloromethane	50	1.410	1.410	(0.285)	336411	50.0000	47
4	Vinyl Chloride	62	1.480	1.480	(0.299)	380883	50.0000	49
3	Bromomethane	94	1.709	1.709	(0.345)	244904	50.0000	49
5	Chloroethane	64	1.804	1.804	(0.364)	219823	50.0000	48
121	n-Pentane	72	1.886	1.886	(0.381)	64946	50.0000	47
9	Trichlorofluoromethane	101	1.898	1.898	(0.383)	574969	50.0000	49
54	Hexane	56	2.874	2.874	(0.581)	220987	50.0000	40
119	Isoprene	67	2.104	2.104	(0.425)	520361	50.0000	50
46	Ethyl Ether	59	2.121	2.121	(0.428)	312453	50.0000	50
10	1,1-Dichloroethene	96	2.251	2.251	(0.455)	357201	50.0000	48
8	Carbon Disulfide	76	2.262	2.262	(0.457)	1118217	50.0000	50
48	Freon TF	101	2.304	2.304	(0.465)	371546	50.0000	49
47	Acrolein	56	2.515	2.515	(0.508)	469862	400.000	300
157	tert-Butyl ethyl ether	59	3.527	3.527	(0.712)	934638	50.0000	48
6	Methylene Chloride	84	2.692	2.692	(0.544)	322440	50.0000	45

Data File: d02191.d
Report Date: 14-Aug-2008 13:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	7 Acetone	58	2.751	2.751	(0.556)	31123	50.0000	41(H)
	12 trans-1,2-Dichloroethene	96	2.815	2.815	(0.569)	310214	50.0000	49
	131 Methyl Acetate	43	2.845	2.845	(0.575)	72557	50.0000	45
	53 MTBE	73	2.915	2.915	(0.589)	942093	50.0000	50
	51 TBA	59	3.021	3.021	(0.610)	449647	1000.00	580
	50 Acetonitrile	41	3.115	3.115	(0.629)	490039	1000.00	770
	55 DIPE	45	3.227	3.227	(0.652)	1067555	50.0000	47
	147 Iodomethane	142	2.351	2.351	(0.475)	667722	50.0000	50
	11 1,1-Dichloroethane	63	3.309	3.309	(0.668)	619011	50.0000	50
	52 Acrylonitrile	53	3.368	3.368	(0.680)	507430	200.000	190
	57 Vinyl Acetate	43	4.151	4.151	(0.838)	675512	50.0000	44
	13 cis-1,2-Dichloroethene	96	3.762	3.762	(0.760)	337997	50.0000	50
	104 2,2-Dichloropropane	77	3.856	3.856	(0.779)	273655	50.0000	40
	59 Cyclohexane	56	3.921	3.921	(0.792)	535555	50.0000	49
	108 Bromochloromethane	128	3.933	3.933	(0.794)	158609	50.0000	50
	15 Chloroform	83	4.009	4.009	(0.810)	602359	50.0000	51
	21 Carbon Tetrachloride	117	4.115	4.115	(0.831)	417090	50.0000	52
	56 Ethyl Acetate	70	4.151	4.151	(0.838)	67361	100.000	91
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.844)	486878	50.0000	52
	92 1,1-Dichloropropene	75	4.298	4.298	(0.868)	462424	50.0000	52
	18 2-Butanone	72	4.303	4.303	(0.869)	50490	50.0000	43
	28 Benzene	78	4.533	4.533	(0.916)	1255456	50.0000	49
	58 Tetrahydrofuran	42	4.151	4.151	(0.838)	137947	50.0000	43
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	403631	50.0000	49
	17 1,2-Dichloroethane	62	4.739	4.739	(0.957)	527052	50.0000	50
*	19 Fluorobenzene	96	4.950	4.950	(1.000)	1093087	50.0000	
	61 Isopropyl Acetate	43	5.039	5.039	(1.018)	1268499	100.000	93
	132 Methyl cyclohexane	83	5.098	5.098	(1.030)	501326	50.0000	49
	25 Trichloroethene	95	5.121	5.121	(1.034)	368203	50.0000	54
	62 n-Heptane	43	4.521	4.521	(0.913)	324304	50.0000	39
	109 Dibromomethane	93	5.562	5.562	(1.124)	207841	50.0000	48
	23 1,2-Dichloropropane	63	5.680	5.680	(1.147)	323478	50.0000	48
	22 Bromodichloromethane	83	5.762	5.762	(1.164)	456999	50.0000	50
	126 Ethyl Acrylate	55	5.762	5.762	(1.164)	361504	50.0000	41
	63 n-Butanol	56	5.556	5.556	(1.122)	215993	2000.00	1200
	120 Methyl methacrylate	69	5.992	5.992	(1.210)	201020	50.0000	39
	95 1,4-Dioxane	88	6.003	6.003	(1.213)	80477	4000.00	2000
	64 Propyl Acetate	43	6.168	6.168	(1.246)	867892	100.000	85
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.307)	178248	50.0000	36
	24 cis-1,3-Dichloropropene	75	6.503	6.503	(1.314)	502093	50.0000	47
$	37 Toluene-d8 (SUR)	98	6.727	6.727	(0.811)	924470	50.0000	56
	38 Toluene	91	6.786	6.786	(0.818)	1241110	50.0000	51
	118 Epichlorohydrin	57	6.821	6.821	(1.378)	614685	1000.00	800
	35 Tetrachloroethene	166	7.197	7.197	(0.867)	254405	50.0000	49
	33 4-Methyl-2-Pentanone	43	7.250	7.250	(1.465)	319216	50.0000	40
	29 trans-1,3-Dichloropropene	75	7.268	7.268	(0.876)	473051	50.0000	48
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.895)	223594	50.0000	48

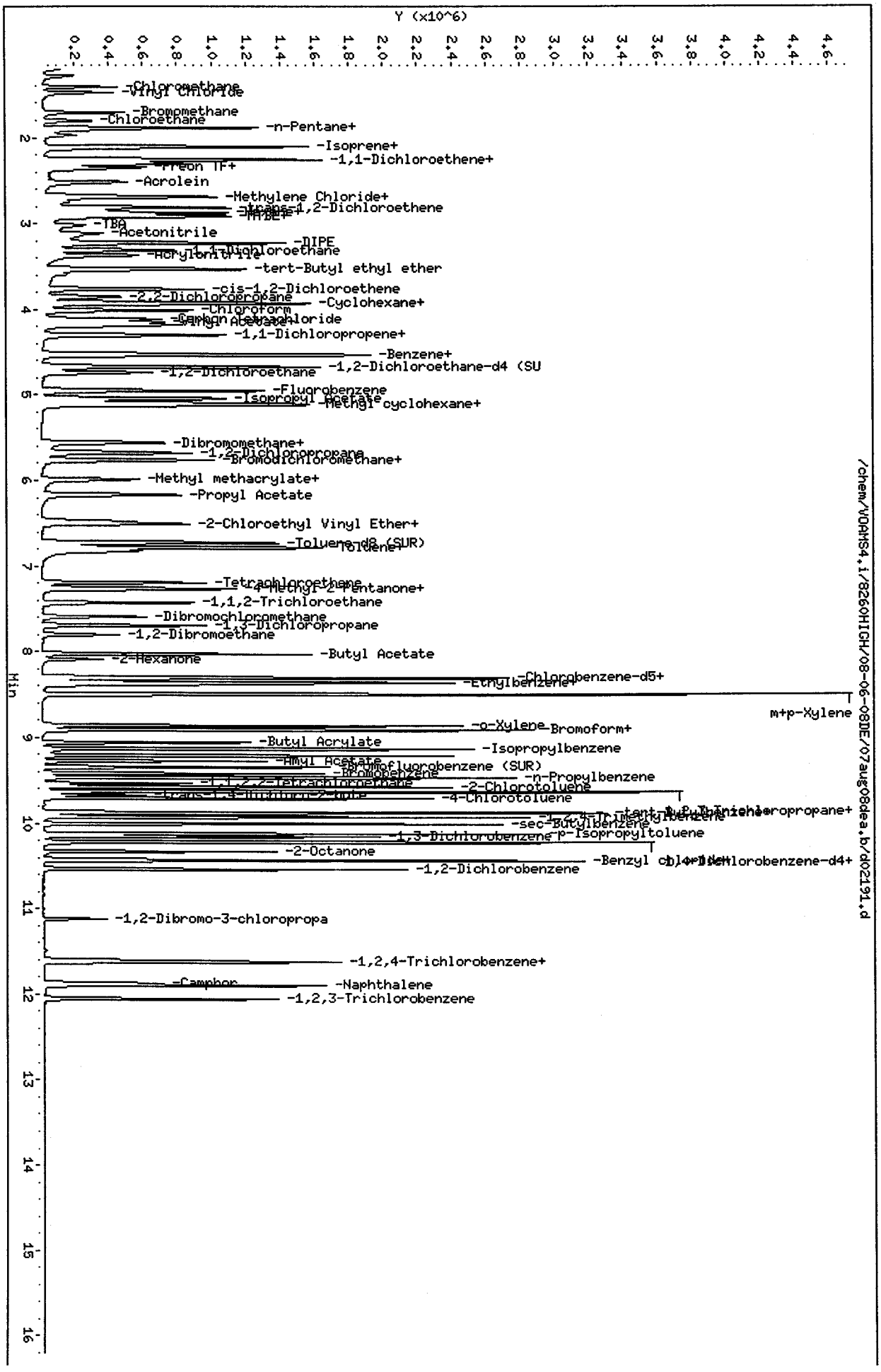
Data File: d02191.d
Report Date: 14-Aug-2008 13:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	26 Dibromochloromethane	129	7.591	7.591	(0.915)	274305	50.0000	50
	103 1,3-Dichloropropane	76	7.691	7.691	(0.927)	480918	50.0000	49
	66 1,2-Dibromoethane	107	7.803	7.803	(0.940)	266125	50.0000	49
	65 Butyl Acetate	43	8.027	8.027	(0.967)	925658	100.000	92
	34 2-Hexanone	43	8.091	8.091	(0.975)	221903	50.0000	46
*	32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	798097	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.001)	774165	50.0000	48
	40 Ethylbenzene	106	8.356	8.356	(1.007)	399203	50.0000	50
	97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	(1.010)	283787	50.0000	52
	43 m+p-Xylene	106	8.497	8.497	(1.024)	1025068	100.000	100
	44 o-Xylene	106	8.862	8.862	(1.068)	482933	50.0000	46
	31 Bromoform	173	8.909	8.909	(1.074)	172404	50.0000	40
	42 Styrene	104	8.909	8.909	(1.074)	785208	50.0000	42
	127 Butyl Acrylate	73	9.056	9.056	(1.091)	202011	50.0000	40
	110 Isopropylbenzene	105	9.133	9.133	(1.101)	1294497	50.0000	51
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	284220	50.0000	56
	107 Bromobenzene	156	9.415	9.415	(0.922)	287765	50.0000	49
	112 n-Propylbenzene	91	9.468	9.468	(0.927)	1633794	50.0000	50
	36 1,1,2,2-Tetrachloroethane	83	9.533	9.533	(0.933)	317491	50.0000	42
	105 2-Chlorotoluene	91	9.574	9.574	(0.937)	968536	50.0000	51
	99 1,2,3-Trichloropropane	110	9.627	9.627	(0.942)	115332	50.0000	48
	102 1,3,5-Trimethylbenzene	105	9.627	9.627	(0.942)	1104699	50.0000	50
	148 trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.946)	90362	50.0000	38
	106 4-Chlorotoluene	91	9.709	9.709	(0.950)	994308	50.0000	49
	115 tert-Butylbenzene	119	9.868	9.868	(0.966)	919032	50.0000	51
	100 1,2,4-Trimethylbenzene	105	9.927	9.927	(0.972)	1107170	50.0000	49
	129 Ethyl methacrylate	69	9.880	9.880	(1.191)	488362	50.0000	43
	128 Butyl Methacrylate	87	9.880	9.880	(0.967)	382101	50.0000	42
	114 sec-Butylbenzene	105	10.003	10.003	(0.979)	1355562	50.0000	49
	67 1,3-Dichlorobenzene	146	10.156	10.156	(0.994)	563149	50.0000	48
	113 p-Isopropyltoluene	119	10.121	10.121	(0.991)	1118428	50.0000	50
*	91 1,4-Dichlorobenzene-d4	152	10.215	10.215	(1.000)	378369	50.0000	
	68 1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	581753	50.0000	47
	139 Camphor	95	11.874	11.874	(1.162)	133118	250.000	170
	117 Benzyl chloride	91	10.432	10.432	(1.021)	1654472	50.0000	42
	125 2-Octanone	43	10.327	10.327	(1.011)	512053	50.0000	48
	111 n-Butylbenzene	91	10.432	10.432	(1.021)	1654472	50.0000	42
	124 2-Octanol	45	10.209	10.209	(0.999)	96681	50.0000	37
	69 1,2-Dichlorobenzene	146	10.532	10.532	(1.031)	550649	50.0000	49
	101 1,2-Dibromo-3-chloropropane	75	11.121	11.121	(1.089)	74262	50.0000	49
	93 1,2,4-Trichlorobenzene	180	11.626	11.626	(1.138)	359195	50.0000	50
	94 Hexachlorobutadiene	225	11.609	11.609	(1.136)	128421	50.0000	47
	70 Naphthalene	128	11.897	11.897	(1.165)	963262	50.0000	50
	140 Amyl Acetate	43	9.274	9.274	(1.118)	523162	50.0000	45
	98 1,2,3-Trichlorobenzene	180	12.056	12.056	(1.180)	315660	50.0000	50
M	14 1,2-Dichloroethene (total)	100				648211	100.000	99
M	45 Xylene (Total)	100				1508001	150.000	150

Data File: d02191.d
Report Date: 14-Aug-2008 13:41

QC Flag Legend

H - Operator selected an alternate compound hit.



Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08dea.b/d02191.d
Date : 07-AUG-2008 18:43
Client ID:
Sample Info: XSTD220
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/08/08 Time: 0526

Lab File ID: D02212 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.3240000	0.3299563	0.3299563	0.1	-1.84	50.00	AVRG
Bromomethane	0.2300000	0.2364460	0.2364460		-2.80	50.00	AVRG
Vinyl Chloride	0.3560000	0.3720516	0.3720516		-4.51	20.00	AVRG
Chloroethane	0.2080000	0.2151242	0.2151242		-3.42	50.00	AVRG
Methylene Chloride	0.3260000	0.2992469	0.2992469		8.21	50.00	AVRG
Acetone	41.616252	50.000000	0.0286147		16.77	50.00	2RDR
Carbon Disulfide	1.0200000	1.0680335	1.0680335		-4.71	50.00	AVRG
Trichlorofluoromethane	0.5380000	0.5895304	0.5895304		-9.58	50.00	AVRG
1,1-Dichloroethene	0.3430000	0.3532605	0.3532605		-2.99	20.00	AVRG
1,1-Dichloroethane	0.5660000	0.5794286	0.5794286	0.1	-2.37	50.00	AVRG
trans-1,2-Dichloroethene	0.2890000	0.2864392	0.2864392		0.89	50.00	AVRG
cis-1,2-Dichloroethene	0.3080000	0.3104336	0.3104336		-0.79	50.00	AVRG
Chloroform	0.5400000	0.5823702	0.5823702		-7.85	20.00	AVRG
1,2-Dichloroethane	0.4810000	0.5354926	0.5354926		-11.33	50.00	AVRG
2-Butanone	0.0530000	0.0545974	0.0545974		-3.01	50.00	AVRG
1,1,1-Trichloroethane	0.4270000	0.4586313	0.4586313		-7.41	50.00	AVRG
Carbon Tetrachloride	0.3700000	0.4049051	0.4049051		-9.43	50.00	AVRG
Bromodichloromethane	0.4170000	0.4614777	0.4614777		-10.67	50.00	AVRG
1,2-Dichloropropane	0.3080000	0.3143122	0.3143122		-2.05	20.00	AVRG
cis-1,3-Dichloropropene	0.4900000	0.5332806	0.5332806		-8.83	50.00	AVRG
Trichloroethene	0.3110000	0.3109142	0.3109142		0.03	50.00	AVRG
Dibromochloromethane	0.3430000	0.3635154	0.3635154		-5.98	50.00	AVRG
1,1,2-Trichloroethane	0.2940000	0.2943466	0.2943466		-0.12	50.00	AVRG
Benzene	1.1800000	1.1788524	1.1788524		0.10	50.00	AVRG
trans-1,3-Dichloropropene	0.6240000	0.6822509	0.6822509		-9.34	50.00	AVRG
2-Chloroethyl Vinyl Ether	46.443353	50.000000	0.2110988		7.11	50.00	LINR
Bromoform	43.932782	50.000000	0.2348212	0.1	12.13	50.00	LINR
4-Methyl-2-Pentanone	49.590436	50.000000	0.3569944		0.82	50.00	LINR
2-Hexanone	0.3010000	0.3351977	0.3351977		-11.36	50.00	AVRG
Tetrachloroethene	0.3240000	0.3125193	0.3125193		3.54	50.00	AVRG
1,1,2,2-Tetrachloroethane	0.9960000	1.0229689	1.0229689	0.3	-2.71	50.00	AVRG
Toluene	1.5360000	1.5579703	1.5579703		-1.43	20.00	AVRG
Chlorobenzene	1.0000000	0.9998721	0.9998721	0.3	0.01	50.00	AVRG
Ethylbenzene	0.5040000	0.5193043	0.5193043		-3.04	20.00	AVRG
Styrene	44.962821	50.000000	1.0461872		10.07	50.00	LINR
Xylene (Total)	0.6170000	0.6492697	0.6492697		-5.23	50.00	AVRG
Ethyl Ether	0.2860000	0.3183851	0.3183851		-11.32	50.00	AVRG
Acrolein	0.0700000	0.0742218	0.0742218		-6.03	99.00	AVRG
Freon TF	0.3470000	0.3724422	0.3724422		-7.33	50.00	AVRG
Isopropanol	0.0000000				0.00	50.00	AVRG
Acetonitrile	0.0290000	0.0292249	0.0292249		-0.78	50.00	AVRG
TBA	778.63603	1000.0000	0.0275001		22.14	50.00	LINR

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/08/08 Time: 0526

Lab File ID: D02212 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acrylonitrile	0.1220000	0.1204426	0.1204426		1.28	50.00	AVRG
MTBE	0.8670000	0.9329804	0.9329804		-7.61	50.00	AVRG
Hexane	0.2510000	0.2322244	0.2322244		7.48	50.00	AVRG
DIPE	1.0330000	1.1340593	1.1340593		-9.78	50.00	AVRG
Ethyl Acetate	0.0340000	0.0365323	0.0365323		-7.45	50.00	AVRG
Vinyl Acetate	0.6940000	0.7661333	0.7661333		-10.39	50.00	AVRG
Tetrahydrofuran	0.1480000	0.1507609	0.1507609		-1.86	50.00	AVRG
Cyclohexane	0.4950000	0.4897018	0.4897018		1.07	50.00	AVRG
Isobutanol	0.0000000				0.00	50.00	AVRG
Isopropyl Acetate	0.6240000	0.6885834	0.6885834		-10.35	50.00	AVRG
n-Heptane	0.3770000	0.4073408	0.4073408		-8.05	50.00	AVRG
n-Butanol	0.0080000	0.0063617	0.0063617		20.48	50.00	AVRG
Propyl Acetate	0.4670000	0.5235344	0.5235344		-12.10	50.00	AVRG
Butyl Acetate	0.6300000	0.7144347	0.7144347		-13.40	50.00	AVRG
1,2-Dibromoethane	0.3390000	0.3477721	0.3477721		-2.59	50.00	AVRG
1,3-Dichlorobenzene	1.5440000	1.5511982	1.5511982		-0.47	50.00	AVRG
1,4-Dichlorobenzene	1.6340000	1.6179016	1.6179016		0.98	50.00	AVRG
1,2-Dichlorobenzene	1.4810000	1.5166639	1.5166639		-2.41	50.00	AVRG
Naphthalene	2.5330000	2.6005006	2.6005006		-2.66	50.00	AVRG
Methylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dimethylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dichlorodifluoromethane	0.2140000	0.2263300	0.2263300		-5.76	50.00	AVRG
1,1-Dichloropropene	0.4080000	0.4354950	0.4354950		-6.74	50.00	AVRG
1,2,4-Trichlorobenzene	0.9420000	0.9636072	0.9636072		-2.29	50.00	AVRG
Hexachlorobutadiene	0.3620000	0.3790096	0.3790096		-4.70	50.00	AVRG
1,4-Dioxane	0.0020000	0.0012892	0.0012892		35.54	50.00	AVRG
Methyl Acrylate	0.0000000				0.00	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3390000	0.3511150	0.3511150		-3.57	50.00	AVRG
1,2,3-Trichlorobenzene	0.8270000	0.8385203	0.8385203		-1.39	50.00	AVRG
1,2,3-Trichloropropane	0.3200000	0.3252608	0.3252608		-1.64	50.00	AVRG
1,2,4-Trimethylbenzene	2.9690000	3.0483294	3.0483294		-2.67	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.2010000	0.2113919	0.2113919		-5.17	50.00	AVRG
1,3,5-Trimethylbenzene	2.9080000	2.9888244	2.9888244		-2.78	50.00	AVRG
1,3-Dichloropropane	0.6180000	0.6496321	0.6496321		-5.12	50.00	AVRG
2,2-Dichloropropane	0.3140000	0.3389460	0.3389460		-7.94	50.00	AVRG
2-Chlorotoluene	2.5280000	2.6684236	2.6684236		-5.55	50.00	AVRG
4-Chlorotoluene	2.6880000	2.8155779	2.8155779		-4.75	50.00	AVRG
Bromobenzene	0.7780000	0.7898198	0.7898198		-1.52	50.00	AVRG
Bromochloromethane	0.1440000	0.1472900	0.1472900		-2.28	50.00	AVRG
Dibromomethane	0.1980000	0.2104117	0.2104117		-6.27	50.00	AVRG
Isopropylbenzene	1.5750000	1.6551153	1.6551153		-5.09	50.00	AVRG
n-Butylbenzene	5.2220000	5.7004550	5.7004550		-9.16	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/08/08 Time: 0526

Lab File ID: D02212 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
n-Propylbenzene	4.3570000	4.5078613	4.5078613		-3.46	50.00	AVRG
p-Isopropyltoluene	2.9610000	3.0989124	3.0989124		-4.66	50.00	AVRG
sec-Butylbenzene	3.6260000	3.6710856	3.6710856		-1.24	50.00	AVRG
tert-Butylbenzene	2.3710000	2.4632015	2.4632015		-3.89	50.00	AVRG
Allyl chloride	0.0000000				0.00	50.00	AVRG
Benzyl chloride	5.2220000	5.7004550	5.7004550		-9.16	50.00	AVRG
Epichlorohydrin	0.0350000	0.0385477	0.0385477		-10.14	50.00	AVRG
Isoprene	0.4740000	0.5009016	0.5009016		-5.68	50.00	AVRG
Methyl methacrylate	48.044795	50.000000	0.2282729		3.91	50.00	LINR
n-Pentane	0.0640000	0.0660846	0.0660846		-3.26	50.00	AVRG
Allyl alcohol	0.0000000				0.00	50.00	AVRG
2-Octanol	37.630941	50.000000	0.2592202		24.74	50.00	2RDR
2-Octanone	1.3920000	1.5180745	1.5180745		-9.06	50.00	AVRG
Ethyl Acrylate	0.4010000	0.4225396	0.4225396		-5.37	50.00	AVRG
Butyl Acrylate	46.434141	50.000000	0.2932361		7.13	50.00	LINR
Butyl Methacrylate	0.0000000	50.000000	0.0000000		0.00	50.00	LINR
Ethyl methacrylate	0.0000000	50.000000	0.0000000		0.00	50.00	LINR
Ethanol	0.0000000				0.00	50.00	AVRG
Methyl Acetate	0.0740000	0.0767683	0.0767683		-3.74	50.00	AVRG
Methyl cyclohexane	0.4670000	0.4692219	0.4692219		-0.48	50.00	AVRG
Cyclohexanone	0.0000000				0.00	50.00	AVRG
p-Ethyltoluene	0.0000000				0.00	50.00	AVRG
1,4-Diethylbenzene	0.0000000				0.00	50.00	AVRG
1,2,4,5-Tetramethylbenzene	0.0000000				0.00	50.00	AVRG
Propylene Oxide	0.0000000				0.00	50.00	AVRG
Camphene (total)	0.0000000				0.00	50.00	AVRG
Camphor	185.35404	250.00000	0.0750123		25.86	50.00	LINR
Amyl Acetate	0.7260000	0.7668611	0.7668611		-5.63	50.00	AVRG
2-Methylnaphthalene	0.0000000				0.00	50.00	AVRG
1-Chlorohexane	0.0000000				0.00	50.00	AVRG
Chlorotrifluoromethane	0.0000000				0.00	50.00	AVRG
Chlorodifluoromethane	0.0000000				0.00	50.00	AVRG
tert-Amylmethyl Ether	0.0000000				0.00	50.00	AVRG
Iodomethane	35.953087	50.000000	0.4344234		28.09	50.00	LINR
trans-1,4-Dichloro-2-butene	0.3160000	0.3370143	0.3370143		-6.65	50.00	AVRG
Acetaldehyde	0.0000000				0.00	50.00	AVRG
1,3,5-Trichlorobenzene	0.0000000				0.00	50.00	AVRG
1,2-Dichlorotrifluoroethane	0.0000000				0.00	50.00	AVRG
1-Bromo-2-chloroethane	0.0000000				0.00	50.00	AVRG
4-Chlorobenzotrifluoride	0.0000000				0.00	50.00	AVRG
2-Chloropropene	0.0000000				0.00	50.00	AVRG
tert-Butyl ethyl ether	0.8940000	0.9167991	0.9167991	0.01	-2.55	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/08/08 Time: 0526

Lab File ID: D02212 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,3-Butadiene	0.0000000			0.01	0.00	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.3760000	0.3968939	0.3968939		-5.56	50.00	AVRG
Toluene-d8 (SUR)	1.0240000	1.1312656	1.1312656		-10.48	50.00	AVRG
Bromofluorobenzene (SUR)	0.6690000	0.7510672	0.7510672		-12.27	50.00	AVRG

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02212.d
Report Date: 13-Aug-2008 12:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02212.d
Lab Smp Id: DSTD221
Inj Date : 08-AUG-2008 05:26
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD221
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/8260H_08.m
Meth Date : 13-Aug-2008 09:25 pritch Quant Type: ISTD
Cal Date : 08-AUG-2008 05:26 Cal File: d02212.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

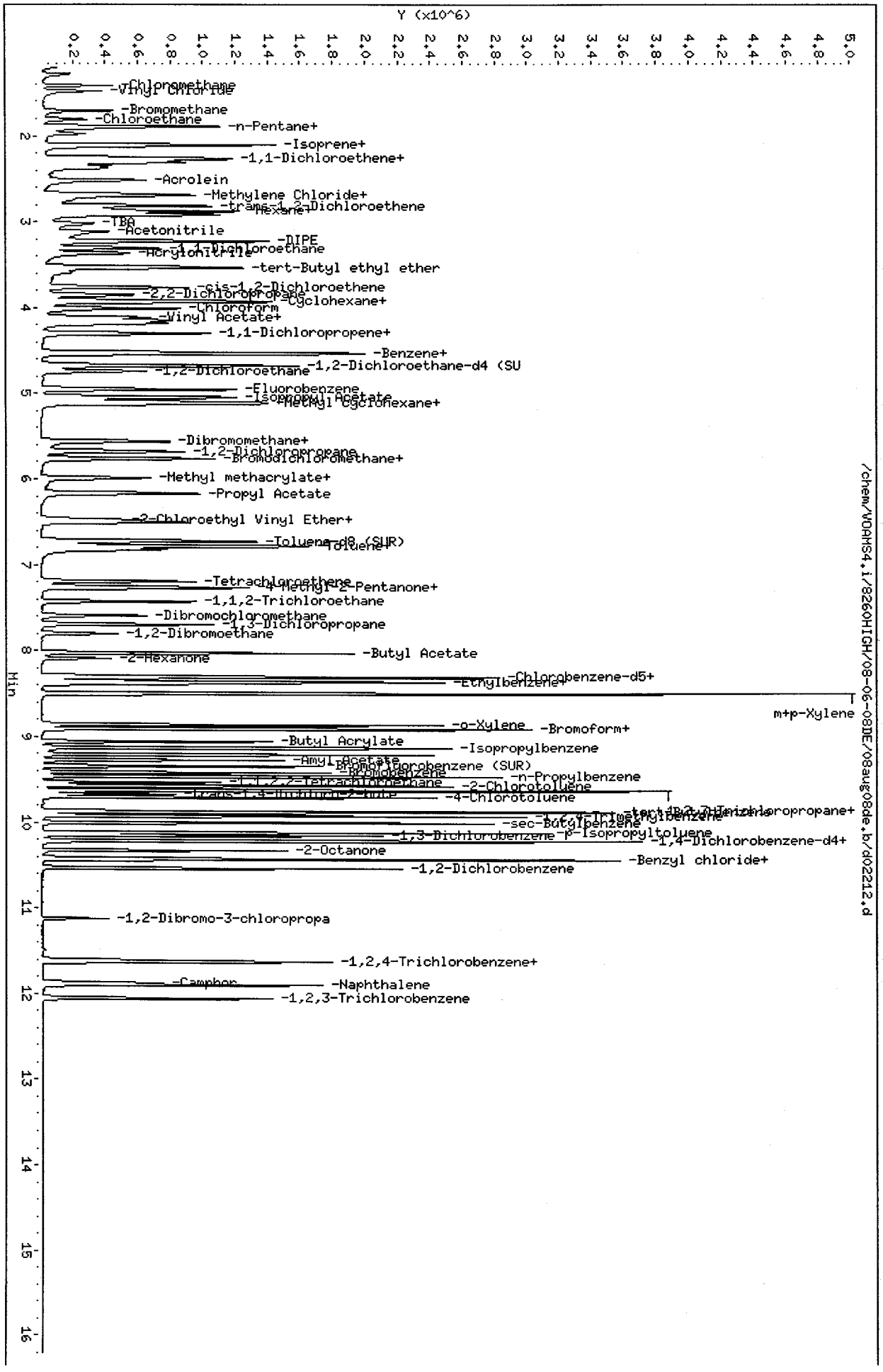
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	223667	50.0000	53
1 Chloromethane	50	1.415	1.415	(0.286)	326074	50.0000	51
4 Vinyl Chloride	62	1.480	1.480	(0.299)	367674	50.0000	52
3 Bromomethane	94	1.709	1.709	(0.345)	233664	50.0000	51
5 Chloroethane	64	1.809	1.809	(0.366)	212593	50.0000	52
121 n-Pentane	72	1.886	1.886	(0.381)	65307	50.0000	52
9 Trichlorofluoromethane	101	1.898	1.898	(0.383)	582594	50.0000	55
54 Hexane	56	2.874	2.874	(0.581)	229492	50.0000	46
119 Isoprene	67	2.104	2.104	(0.425)	495008	50.0000	53
46 Ethyl Ether	59	2.121	2.121	(0.428)	314639	50.0000	56
10 1,1-Dichloroethene	96	2.256	2.256	(0.456)	349104	50.0000	52
8 Carbon Disulfide	76	2.274	2.274	(0.459)	1055467	50.0000	52
48 Freon TF	101	2.309	2.309	(0.466)	368060	50.0000	54
47 Acrolein	56	2.515	2.515	(0.508)	586788	400.000	420
157 tert-Butyl ethyl ether	59	3.527	3.527	(0.712)	906012	50.0000	51
6 Methylene Chloride	84	2.692	2.692	(0.544)	295726	50.0000	46
7 Acetone	58	2.751	2.751	(0.556)	28278	50.0000	42

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02212.d
Report Date: 13-Aug-2008 12:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	12 trans-1,2-Dichloroethene	96	2.815	2.815	(0.569)	283069	50.0000	50
	131 Methyl Acetate	74	2.845	2.845	(0.575)	75865	50.0000	52
	53 MTBE	73	2.915	2.915	(0.589)	922003	50.0000	54
	51 TBA	59	3.021	3.021	(0.610)	543530	1000.00	780
	50 Acetonitrile	41	3.115	3.115	(0.629)	577621	1000.00	1000
	55 DIPE	45	3.227	3.227	(0.652)	1120716	50.0000	55
	147 Iodomethane	142	2.374	2.374	(0.480)	429312	50.0000	36
	11 1,1-Dichloroethane	63	3.309	3.309	(0.668)	572611	50.0000	51
	52 Acrylonitrile	53	3.362	3.362	(0.679)	476102	200.000	200
	57 Vinyl Acetate	43	4.150	4.150	(0.838)	757119	50.0000	55
	13 cis-1,2-Dichloroethene	96	3.762	3.762	(0.760)	306781	50.0000	50
	104 2,2-Dichloropropane	77	3.850	3.850	(0.778)	334958	50.0000	54
	59 Cyclohexane	56	3.921	3.921	(0.792)	483940	50.0000	49
	108 Bromochloromethane	128	3.933	3.933	(0.794)	145557	50.0000	51
	15 Chloroform	83	4.009	4.009	(0.810)	575518	50.0000	54
	21 Carbon Tetrachloride	117	4.115	4.115	(0.831)	400141	50.0000	55
	56 Ethyl Acetate	70	4.150	4.150	(0.838)	72205	100.000	110
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.844)	453235	50.0000	54
	92 1,1-Dichloropropene	75	4.298	4.298	(0.868)	430371	50.0000	53
	18 2-Butanone	72	4.309	4.309	(0.870)	53955	50.0000	51
	28 Benzene	78	4.533	4.533	(0.916)	1164982	50.0000	50
	58 Tetrahydrofuran	42	4.150	4.150	(0.838)	148987	50.0000	51
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	392224	50.0000	53
	17 1,2-Dichloroethane	62	4.739	4.739	(0.957)	529192	50.0000	56
*	19 Fluorobenzene	96	4.950	4.950	(1.000)	988234	50.0000	
	61 Isopropyl Acetate	43	5.039	5.039	(1.018)	1360963	100.000	110
	132 Methyl cyclohexane	83	5.097	5.097	(1.030)	463701	50.0000	50
	25 Trichloroethene	95	5.115	5.115	(1.033)	307256	50.0000	50
	62 n-Heptane	43	4.515	4.515	(0.912)	402548	50.0000	54
	109 Dibromomethane	93	5.562	5.562	(1.124)	207936	50.0000	53
	23 1,2-Dichloropropane	63	5.680	5.680	(1.147)	310614	50.0000	51
	22 Bromodichloromethane	83	5.762	5.762	(1.164)	456048	50.0000	55
	126 Ethyl Acrylate	55	5.762	5.762	(1.164)	417568	50.0000	53
	63 n-Butanol	56	5.556	5.556	(1.122)	251474	2000.00	1600
	120 Methyl methacrylate	69	5.986	5.986	(1.209)	225587	50.0000	48
	95 1,4-Dioxane	88	5.997	5.997	(1.211)	101920	4000.00	2800
	64 Propyl Acetate	43	6.168	6.168	(1.246)	1034749	100.000	110
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.307)	208615	50.0000	46
	24 cis-1,3-Dichloropropene	75	6.503	6.503	(1.314)	527006	50.0000	54
$	37 Toluene-d8 (SUR)	98	6.721	6.721	(0.810)	884273	50.0000	55
	38 Toluene	91	6.780	6.780	(0.817)	1217814	50.0000	51
	118 Epichlorohydrin	57	6.821	6.821	(1.378)	761882	1000.00	1100
	35 Tetrachloroethene	166	7.197	7.197	(0.867)	244286	50.0000	48
	33 4-Methyl-2-Pentanone	43	7.250	7.250	(1.465)	352794	50.0000	50
	29 trans-1,3-Dichloropropene	75	7.268	7.268	(0.876)	533293	50.0000	55
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.895)	230081	50.0000	50
	26 Dibromochloromethane	129	7.591	7.591	(0.915)	284148	50.0000	53

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02212.d
Report Date: 13-Aug-2008 12:46

			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	103	1,3-Dichloropropane	76	7.691	7.691	(0.927)	507796	50.0000	52
	66	1,2-Dibromoethane	107	7.803	7.803	(0.940)	271842	50.0000	51
	65	Butyl Acetate	43	8.027	8.027	(0.967)	1116900	100.000	110
	34	2-Hexanone	43	8.091	8.091	(0.975)	262013	50.0000	56
*	32	Chlorobenzene-d5	117	8.297	8.297	(1.000)	781667	50.0000	
	39	Chlorobenzene	112	8.309	8.309	(1.001)	781567	50.0000	50
	40	Ethylbenzene	106	8.356	8.356	(1.007)	405923	50.0000	51
	97	1,1,1,2-Tetrachloroethane	131	8.380	8.380	(1.010)	274455	50.0000	52
	43	m+p-Xylene	106	8.491	8.491	(1.023)	1044069	100.000	100
	44	o-Xylene	106	8.862	8.862	(1.068)	478469	50.0000	47
	31	Bromoform	173	8.909	8.909	(1.074)	183552	50.0000	44
	42	Styrene	104	8.909	8.909	(1.074)	817770	50.0000	45
	127	Butyl Acrylate	73	9.056	9.056	(1.091)	229213	50.0000	46
	110	Isopropylbenzene	105	9.133	9.133	(1.101)	1293749	50.0000	52
$	41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	283274	50.0000	56
	107	Bromobenzene	156	9.415	9.415	(0.922)	297890	50.0000	51
	112	n-Propylbenzene	91	9.468	9.468	(0.927)	1700194	50.0000	52
	36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.933)	385825	50.0000	51
	105	2-Chlorotoluene	91	9.574	9.574	(0.937)	1006428	50.0000	53
	99	1,2,3-Trichloropropane	110	9.627	9.627	(0.942)	122676	50.0000	51
	102	1,3,5-Trimethylbenzene	105	9.627	9.627	(0.942)	1127271	50.0000	51
	148	trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.946)	127109	50.0000	53
	106	4-Chlorotoluene	91	9.709	9.709	(0.950)	1061929	50.0000	52
	115	tert-Butylbenzene	119	9.868	9.868	(0.966)	929026	50.0000	52
	100	1,2,4-Trimethylbenzene	105	9.927	9.927	(0.972)	1149714	50.0000	51
	114	sec-Butylbenzene	105	10.003	10.003	(0.979)	1384594	50.0000	51
	67	1,3-Dichlorobenzene	146	10.156	10.156	(0.994)	585053	50.0000	50
	113	p-Isopropyltoluene	119	10.121	10.121	(0.991)	1168792	50.0000	52
*	91	1,4-Dichlorobenzene-d4	152	10.215	10.215	(1.000)	377162	50.0000	
	68	1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	610211	50.0000	50
	139	Camphor	95	11.874	11.874	(1.162)	141459	250.000	180
	117	Benzyl chloride	91	10.432	10.432	(1.021)	2149995	50.0000	54
	125	2-Octanone	43	10.327	10.327	(1.011)	572560	50.0000	54
	111	n-Butylbenzene	91	10.432	10.432	(1.021)	2149995	50.0000	54
	124	2-Octanol	45	10.209	10.209	(0.999)	97768	50.0000	38
	69	1,2-Dichlorobenzene	146	10.532	10.532	(1.031)	572028	50.0000	51
	101	1,2-Dibromo-3-chloropropane	75	11.127	11.127	(1.089)	79729	50.0000	53
	93	1,2,4-Trichlorobenzene	180	11.626	11.626	(1.138)	363436	50.0000	51
	94	Hexachlorobutadiene	225	11.603	11.603	(1.136)	142948	50.0000	52
	70	Naphthalene	128	11.897	11.897	(1.165)	980810	50.0000	51
	140	Amyl Acetate	43	9.274	9.274	(1.118)	599430	50.0000	53
	98	1,2,3-Trichlorobenzene	180	12.056	12.056	(1.180)	316258	50.0000	51
M	14	1,2-Dichloroethene (total)	100				589850	100.000	100
M	45	Xylene (Total)	100				1522538	150.000	160



Data File: /chem/VOAHS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02212.d
Date : 08-AUG-2008 05:26
Client ID:
Sample Info: DSTD221
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAHS4.i
Operator: VOAHS 13
Column diameter: 0.18

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/08/08 Time: 1125

Lab File ID: D02226 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.3240000	0.2939721	0.2939721	0.1	9.27	50.00	AVRG
Bromomethane	0.2300000	0.2319356	0.2319356		-0.84	50.00	AVRG
Vinyl Chloride	0.3560000	0.3306072	0.3306072		7.13	20.00	AVRG
Chloroethane	0.2080000	0.2036725	0.2036725		2.08	50.00	AVRG
Methylene Chloride	0.3260000	0.3617010	0.3617010		-10.95	50.00	AVRG
Acetone	44.234298	50.000000	0.0303683		11.53	50.00	2RDR
Carbon Disulfide	1.0200000	0.9901031	0.9901031		2.93	50.00	AVRG
Trichlorofluoromethane	0.5380000	0.5342369	0.5342369		0.70	50.00	AVRG
1,1-Dichloroethene	0.3430000	0.3329987	0.3329987		2.92	20.00	AVRG
1,1-Dichloroethane	0.5660000	0.5588563	0.5588563	0.1	1.26	50.00	AVRG
trans-1,2-Dichloroethene	0.2890000	0.2783040	0.2783040		3.70	50.00	AVRG
cis-1,2-Dichloroethene	0.3080000	0.2987608	0.2987608		3.00	50.00	AVRG
Chloroform	0.5400000	0.5537667	0.5537667		-2.55	20.00	AVRG
1,2-Dichloroethane	0.4810000	0.5101257	0.5101257		-6.06	50.00	AVRG
2-Butanone	0.0530000	0.0482769	0.0482769		8.91	50.00	AVRG
1,1,1-Trichloroethane	0.4270000	0.4405984	0.4405984		-3.18	50.00	AVRG
Carbon Tetrachloride	0.3700000	0.3858472	0.3858472		-4.28	50.00	AVRG
Bromodichloromethane	0.4170000	0.4288962	0.4288962		-2.85	50.00	AVRG
1,2-Dichloropropane	0.3080000	0.2952779	0.2952779		4.13	20.00	AVRG
cis-1,3-Dichloropropene	0.4900000	0.4865238	0.4865238		0.71	50.00	AVRG
Trichloroethene	0.3110000	0.3191417	0.3191417		-2.62	50.00	AVRG
Dibromochloromethane	0.3430000	0.3377280	0.3377280		1.54	50.00	AVRG
1,1,2-Trichloroethane	0.2940000	0.2826380	0.2826380		3.86	50.00	AVRG
Benzene	1.1800000	1.1272688	1.1272688		4.47	50.00	AVRG
trans-1,3-Dichloropropene	0.6240000	0.6284191	0.6284191		-0.71	50.00	AVRG
2-Chloroethyl Vinyl Ether	41.009364	50.000000	0.1863997		17.98	50.00	LINR
Bromoform	41.635121	50.000000	0.2225402	0.1	16.73	50.00	LINR
4-Methyl-2-Pentanone	44.235439	50.000000	0.3184445		11.53	50.00	LINR
2-Hexanone	0.3010000	0.2991279	0.2991279		0.62	50.00	AVRG
Tetrachloroethene	0.3240000	0.3027507	0.3027507		6.56	50.00	AVRG
1,1,2,2-Tetrachloroethane	0.9960000	0.8562726	0.8562726	0.3	14.03	50.00	AVRG
Toluene	1.5360000	1.4918771	1.4918771		2.87	20.00	AVRG
Chlorobenzene	1.0000000	0.9502598	0.9502598	0.3	4.97	50.00	AVRG
Ethylbenzene	0.5040000	0.4876970	0.4876970		3.23	20.00	AVRG
Styrene	41.304738	50.000000	0.9610715		17.39	50.00	LINR
Xylene (Total)	0.6170000	0.6134387	0.6134387		0.58	50.00	AVRG
Ethyl Ether	0.2860000	0.2925505	0.2925505		-2.29	50.00	AVRG
Acrolein	0.0700000	0.0659320	0.0659320		5.81	99.00	AVRG
Freon TF	0.3470000	0.3418332	0.3418332		1.49	50.00	AVRG
Isopropanol	0.0000000				0.00	50.00	AVRG
Acetonitrile	0.0290000	0.0279367	0.0279367		3.67	50.00	AVRG
TBA	708.75629	1000.0000	0.0250320		29.12	50.00	LINR

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/08/08 Time: 1125

Lab File ID: D02226 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acrylonitrile	0.1220000	0.1134714	0.1134714		6.99	50.00	AVRG
MTBE	0.8670000	0.8817644	0.8817644		-1.70	50.00	AVRG
Hexane	0.2510000	0.2057747	0.2057747		18.02	50.00	AVRG
DIPE	1.0330000	0.9917283	0.9917283		4.00	50.00	AVRG
Ethyl Acetate	0.0340000	0.0341931	0.0341931		-0.57	50.00	AVRG
Vinyl Acetate	0.6940000	0.6781844	0.6781844		2.28	50.00	AVRG
Tetrahydrofuran	0.1480000	0.1429378	0.1429378		3.42	50.00	AVRG
Cyclohexane	0.4950000	0.4688673	0.4688673		5.28	50.00	AVRG
Isobutanol	0.0000000				0.00	50.00	AVRG
Isopropyl Acetate	0.6240000	0.6139926	0.6139926		1.60	50.00	AVRG
n-Heptane	0.3770000	0.3266793	0.3266793		13.35	50.00	AVRG
n-Butanol	0.0080000	0.0073484	0.0073484		8.14	50.00	AVRG
Propyl Acetate	0.4670000	0.4614369	0.4614369		1.19	50.00	AVRG
Butyl Acetate	0.6300000	0.6279380	0.6279380		0.33	50.00	AVRG
1,2-Dibromoethane	0.3390000	0.3339141	0.3339141		1.50	50.00	AVRG
1,3-Dichlorobenzene	1.5440000	1.4398255	1.4398255		6.75	50.00	AVRG
1,4-Dichlorobenzene	1.6340000	1.5288264	1.5288264		6.44	50.00	AVRG
1,2-Dichlorobenzene	1.4810000	1.4101317	1.4101317		4.78	50.00	AVRG
Naphthalene	2.5330000	2.4702763	2.4702763		2.48	50.00	AVRG
Methylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dimethylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dichlorodifluoromethane	0.2140000	0.1970288	0.1970288		7.93	50.00	AVRG
1,1-Dichloropropene	0.4080000	0.4100860	0.4100860		-0.51	50.00	AVRG
1,2,4-Trichlorobenzene	0.9420000	0.8956320	0.8956320		4.92	50.00	AVRG
Hexachlorobutadiene	0.3620000	0.3306248	0.3306248		8.67	50.00	AVRG
1,4-Dioxane	0.0020000	0.0015148	0.0015148		24.26	50.00	AVRG
Methyl Acrylate	0.0000000				0.00	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3390000	0.3367519	0.3367519		0.66	50.00	AVRG
1,2,3-Trichlorobenzene	0.8270000	0.7849304	0.7849304		5.09	50.00	AVRG
1,2,3-Trichloropropane	0.3200000	0.3106485	0.3106485		2.92	50.00	AVRG
1,2,4-Trimethylbenzene	2.9690000	2.8985868	2.8985868		2.37	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.2010000	0.2020642	0.2020642		-0.53	50.00	AVRG
1,3,5-Trimethylbenzene	2.9080000	2.8522566	2.8522566		1.92	50.00	AVRG
1,3-Dichloropropane	0.6180000	0.6229913	0.6229913		-0.81	50.00	AVRG
2,2-Dichloropropane	0.3140000	0.2805124	0.2805124		10.66	50.00	AVRG
2-Chlorotoluene	2.5280000	2.4866084	2.4866084		1.64	50.00	AVRG
4-Chlorotoluene	2.6880000	2.6294150	2.6294150		2.18	50.00	AVRG
Bromobenzene	0.7780000	0.7366910	0.7366910		5.31	50.00	AVRG
Bromochloromethane	0.1440000	0.1406360	0.1406360		2.34	50.00	AVRG
Dibromomethane	0.1980000	0.2024251	0.2024251		-2.23	50.00	AVRG
Isopropylbenzene	1.5750000	1.5841144	1.5841144		-0.58	50.00	AVRG
n-Butylbenzene	5.2220000	4.7372190	4.7372190		9.28	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/08/08 Time: 1125

Lab File ID: D02226 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
n-Propylbenzene	4.3570000	4.2529360	4.2529360		2.39	50.00	AVRG
p-Isopropyltoluene	2.9610000	2.8802259	2.8802259		2.73	50.00	AVRG
sec-Butylbenzene	3.6260000	3.4738527	3.4738527		4.20	50.00	AVRG
tert-Butylbenzene	2.3710000	2.3232533	2.3232533		2.01	50.00	AVRG
Allyl chloride	0.0000000				0.00	50.00	AVRG
Benzyl chloride	5.2220000	4.7372190	4.7372190		9.28	50.00	AVRG
Epichlorohydrin	0.0350000	0.0333806	0.0333806		4.63	50.00	AVRG
Isoprene	0.4740000	0.4671906	0.4671906		1.44	50.00	AVRG
Methyl methacrylate	42.277315	50.000000	0.2008701		15.44	50.00	LINR
n-Pentane	0.0640000	0.0616441	0.0616441		3.68	50.00	AVRG
Allyl alcohol	0.0000000				0.00	50.00	AVRG
2-Octanol	37.807271	50.000000	0.2604947		24.38	50.00	2RDR
2-Octanone	1.3920000	1.4351644	1.4351644		-3.10	50.00	AVRG
Ethyl Acrylate	0.4010000	0.3931423	0.3931423		1.96	50.00	AVRG
Butyl Acrylate	43.099849	50.000000	0.2721797		13.80	50.00	LINR
Butyl Methacrylate	42.307956	50.000000	1.0186133		15.38	50.00	LINR
Ethyl methacrylate	44.686579	50.000000	0.6411668		10.63	50.00	LINR
Ethanol	0.0000000				0.00	50.00	AVRG
Methyl Acetate	0.0740000	0.0701203	0.0701203		5.24	50.00	AVRG
Methyl cyclohexane	0.4670000	0.4424757	0.4424757		5.25	50.00	AVRG
Cyclohexanone	0.0000000				0.00	50.00	AVRG
p-Ethyltoluene	0.0000000				0.00	50.00	AVRG
1,4-Diethylbenzene	0.0000000				0.00	50.00	AVRG
1,2,4,5-Tetramethylbenzene	0.0000000				0.00	50.00	AVRG
Propylene Oxide	0.0000000				0.00	50.00	AVRG
Camphene (total)	0.0000000				0.00	50.00	AVRG
Camphor	186.71394	250.00000	0.0755627		25.31	50.00	LINR
Amyl Acetate	0.7260000	0.7228327	0.7228327		0.44	50.00	AVRG
2-Methylnaphthalene	0.0000000				0.00	50.00	AVRG
1-Chlorohexane	0.0000000				0.00	50.00	AVRG
Chlorotrifluoromethane	0.0000000				0.00	50.00	AVRG
Chlorodifluoromethane	0.0000000				0.00	50.00	AVRG
tert-Amylmethyl Ether	0.0000000	0.8817644	0.8817644		0.00	50.00	AVRG
Iodomethane	51.917087	50.000000	0.6273174		-3.83	50.00	LINR
trans-1,4-Dichloro-2-butene	0.3160000	0.2948782	0.2948782		6.68	50.00	AVRG
Acetaldehyde	0.0000000				0.00	50.00	AVRG
1,3,5-Trichlorobenzene	0.0000000				0.00	50.00	AVRG
1,2-Dichlorotrifluoroethane	0.0000000				0.00	50.00	AVRG
1-Bromo-2-chloroethane	0.0000000				0.00	50.00	AVRG
4-Chlorobenzotrifluoride	0.0000000				0.00	50.00	AVRG
2-Chloropropene	0.0000000				0.00	50.00	AVRG
tert-Butyl ethyl ether	0.8940000	0.8702044	0.8702044	0.01	2.66	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/08/08 Time: 1125

Lab File ID: D02226 Init. Calib. Date(s): 08/06/08 08/06/08

Init. Calib. Times: 1022 1243

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,3-Butadiene	0.0000000			0.01	0.00	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.3760000	0.3957898	0.3957898		-5.26	50.00	AVRG
Toluene-d8 (SUR)	1.0240000	1.1413536	1.1413536		-11.46	50.00	AVRG
Bromofluorobenzene (SUR)	0.6690000	0.7439948	0.7439948		-11.21	50.00	AVRG

Data File: d02226.d
Report Date: 14-Aug-2008 13:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08dea.b/d02226.d
Lab Smp Id: XSTD221
Inj Date : 08-AUG-2008 11:25
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : XSTD221
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08dea.b/8260H_08.m
Meth Date : 14-Aug-2008 13:44 vibha Quant Type: ISTD
Cal Date : 08-AUG-2008 11:25 Cal File: d02226.d
Als bottle: 15 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

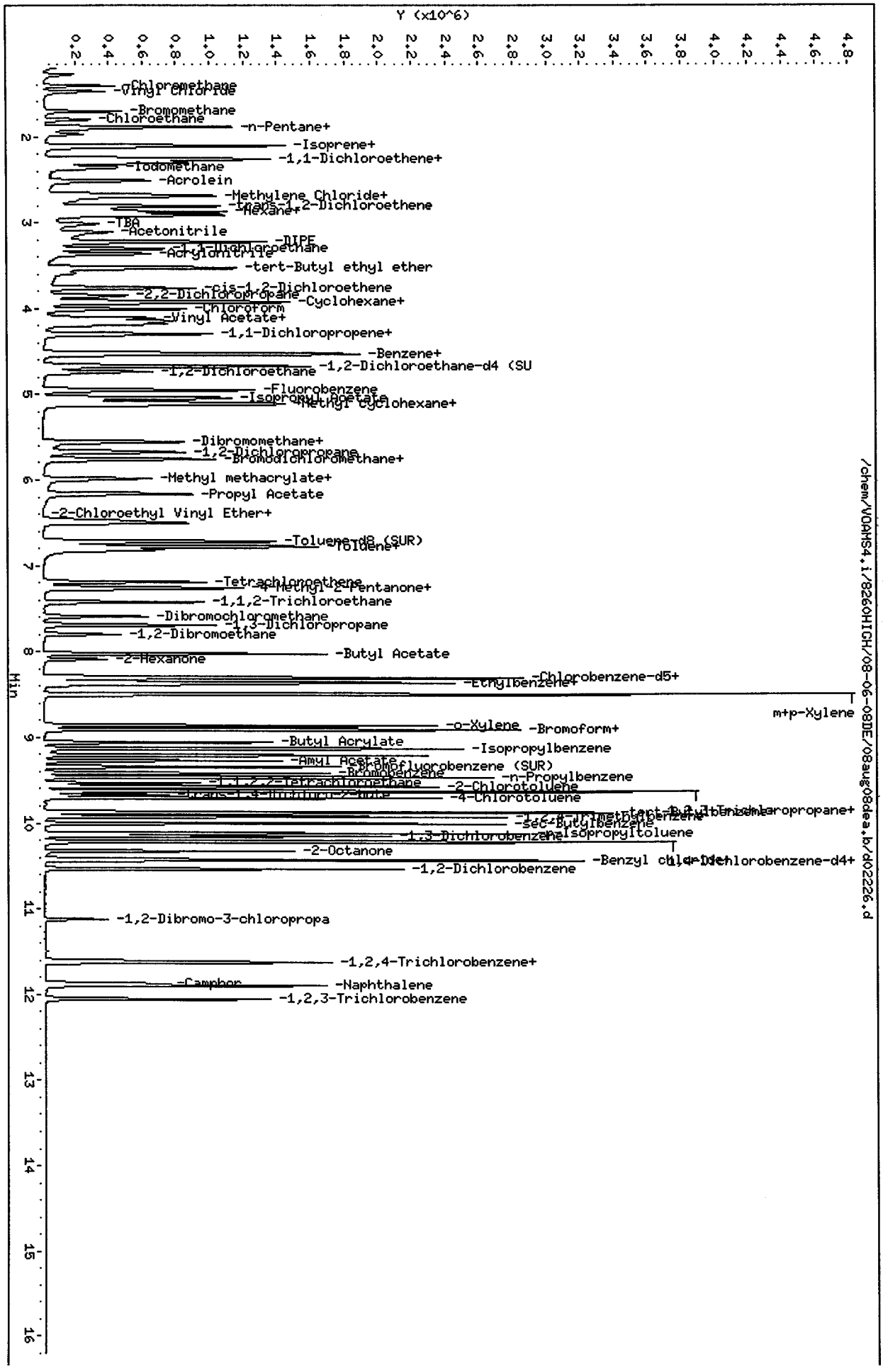
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90	Dichlorodifluoromethane	85	1.280	1.280	(0.259)	202347	50.0000	46
1	Chloromethane	50	1.410	1.410	(0.285)	301907	50.0000	45
4	Vinyl Chloride	62	1.474	1.474	(0.298)	339531	50.0000	46
3	Bromomethane	94	1.709	1.709	(0.345)	238196	50.0000	50
5	Chloroethane	64	1.804	1.804	(0.364)	209170	50.0000	49
121	n-Pentane	72	1.886	1.886	(0.381)	63308	50.0000	48
9	Trichlorofluoromethane	101	1.898	1.898	(0.383)	548657	50.0000	50
54	Hexane	56	2.874	2.874	(0.581)	211329	50.0000	41
119	Isoprene	67	2.104	2.104	(0.425)	479801	50.0000	49
46	Ethyl Ether	59	2.121	2.121	(0.428)	300447	50.0000	51
10	1,1-Dichloroethene	96	2.257	2.257	(0.456)	341987	50.0000	48
8	Carbon Disulfide	76	2.268	2.268	(0.458)	1016828	50.0000	48
48	Freon TF	101	2.304	2.304	(0.465)	351060	50.0000	49
47	Acrolein	56	2.515	2.515	(0.508)	541693	400.000	370
157	tert-Butyl ethyl ether	59	3.527	3.527	(0.712)	893693	50.0000	49
6	Methylene Chloride	84	2.692	2.692	(0.544)	371464	50.0000	55

Data File: d02226.d
Report Date: 14-Aug-2008 13:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	7 Acetone	58	2.745	2.745	(0.554)	31188	50.0000	44
	12 trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	285816	50.0000	48
	131 Methyl Acetate	43	2.845	2.845	(0.575)	72013	50.0000	47
	53 MTBE	73	2.915	2.915	(0.589)	905565	50.0000	51
	51 TBA	59	3.021	3.021	(0.610)	514154	1000.00	710
	50 Acetonitrile	41	3.115	3.115	(0.629)	573815	1000.00	960
	55 DIPE	45	3.227	3.227	(0.652)	1018497	50.0000	48
	147 Iodomethane	142	2.357	2.357	(0.476)	644250	50.0000	52
	11 1,1-Dichloroethane	63	3.304	3.304	(0.667)	573941	50.0000	49
	52 Acrylonitrile	53	3.362	3.362	(0.679)	466137	200.000	190
	57 Vinyl Acetate	43	4.145	4.145	(0.837)	696490	50.0000	49
	13 cis-1,2-Dichloroethene	96	3.762	3.762	(0.760)	306825	50.0000	48
	104 2,2-Dichloropropane	77	3.856	3.856	(0.779)	288084	50.0000	45
	59 Cyclohexane	56	3.921	3.921	(0.792)	481523	50.0000	47
	108 Bromochloromethane	128	3.933	3.933	(0.794)	144432	50.0000	49
	15 Chloroform	83	4.009	4.009	(0.810)	568714	50.0000	51
	21 Carbon Tetrachloride	117	4.109	4.109	(0.830)	396262	50.0000	52
	56 Ethyl Acetate	70	4.145	4.145	(0.837)	70232	100.000	100
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.844)	452491	50.0000	52
	92 1,1-Dichloropropene	75	4.298	4.298	(0.868)	421155	50.0000	50
	18 2-Butanone	72	4.303	4.303	(0.869)	49580	50.0000	45
	28 Benzene	78	4.533	4.533	(0.916)	1157696	50.0000	48
	58 Tetrahydrofuran	42	4.151	4.151	(0.838)	146796	50.0000	48
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	406473	50.0000	53
	17 1,2-Dichloroethane	62	4.739	4.739	(0.957)	523895	50.0000	53
*	19 Fluorobenzene	96	4.950	4.950	(1.000)	1026992	50.0000	
	61 Isopropyl Acetate	43	5.039	5.039	(1.018)	1261131	100.000	98
	132 Methyl cyclohexane	83	5.092	5.092	(1.028)	454419	50.0000	47
	25 Trichloroethene	95	5.115	5.115	(1.033)	327756	50.0000	51
	62 n-Heptane	43	4.515	4.515	(0.912)	335497	50.0000	43
	109 Dibromomethane	93	5.562	5.562	(1.124)	207889	50.0000	51
	23 1,2-Dichloropropane	63	5.680	5.680	(1.147)	303248	50.0000	48
	22 Bromodichloromethane	83	5.762	5.762	(1.164)	440473	50.0000	51
	126 Ethyl Acrylate	55	5.756	5.756	(1.163)	403754	50.0000	49
	63 n-Butanol	56	5.556	5.556	(1.122)	301868	2000.00	1800
	120 Methyl methacrylate	69	5.986	5.986	(1.209)	206292	50.0000	42
	95 1,4-Dioxane	88	5.997	5.997	(1.211)	124459	4000.00	3400
	64 Propyl Acetate	43	6.162	6.162	(1.245)	947784	100.000	99
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.307)	191431	50.0000	41
	24 cis-1,3-Dichloropropene	75	6.503	6.503	(1.314)	499656	50.0000	50
$	37 Toluene-d8 (SUR)	98	6.721	6.721	(0.810)	907343	50.0000	56
	38 Toluene	91	6.780	6.780	(0.817)	1185999	50.0000	48
	118 Epichlorohydrin	57	6.821	6.821	(1.378)	685632	1000.00	950
	35 Tetrachloroethene	166	7.191	7.191	(0.867)	240678	50.0000	47
	33 4-Methyl-2-Pentanone	43	7.250	7.250	(1.465)	327040	50.0000	44
	29 trans-1,3-Dichloropropene	75	7.268	7.268	(0.876)	499575	50.0000	50
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.895)	224689	50.0000	48

Data File: d02226.d
Report Date: 14-Aug-2008 13:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	26 Dibromochloromethane	129	7.591	7.591	(0.915)	268484	50.0000	49
	103 1,3-Dichloropropane	76	7.691	7.691	(0.927)	495260	50.0000	50
	66 1,2-Dibromoethane	107	7.803	7.803	(0.940)	265452	50.0000	49
	65 Butyl Acetate	43	8.027	8.027	(0.967)	998385	100.000	100
	34 2-Hexanone	43	8.086	8.086	(0.974)	237798	50.0000	50
*	32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	794971	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.001)	755429	50.0000	47
	40 Ethylbenzene	106	8.356	8.356	(1.007)	387705	50.0000	48
	97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	(1.010)	267708	50.0000	50
	43 m+p-Xylene	106	8.491	8.491	(1.023)	999045	100.000	98
	44 o-Xylene	106	8.862	8.862	(1.068)	463953	50.0000	45
	31 Bromoform	173	8.909	8.909	(1.074)	176913	50.0000	42
	42 Styrene	104	8.909	8.909	(1.074)	764024	50.0000	41
	127 Butyl Acrylate	73	9.056	9.056	(1.091)	216375	50.0000	43
	110 Isopropylbenzene	105	9.127	9.127	(1.100)	1259325	50.0000	50
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	286034	50.0000	56
	107 Bromobenzene	156	9.415	9.415	(0.922)	283226	50.0000	47
	112 n-Propylbenzene	91	9.468	9.468	(0.927)	1635071	50.0000	49
	36 1,1,2,2-Tetrachloroethane	83	9.533	9.533	(0.934)	329200	50.0000	43
	105 2-Chlorotoluene	91	9.574	9.574	(0.938)	955994	50.0000	49
	99 1,2,3-Trichloropropane	110	9.627	9.627	(0.943)	119431	50.0000	48
	102 1,3,5-Trimethylbenzene	105	9.627	9.627	(0.943)	1096570	50.0000	49
	148 trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	113368	50.0000	47
	106 4-Chlorotoluene	91	9.703	9.703	(0.950)	1010897	50.0000	49
	115 tert-Butylbenzene	119	9.868	9.868	(0.967)	893191	50.0000	49
	100 1,2,4-Trimethylbenzene	105	9.927	9.927	(0.972)	1114382	50.0000	49
	129 Ethyl methacrylate	69	9.880	9.880	(1.191)	509709	50.0000	45
	128 Butyl Methacrylate	87	9.880	9.880	(0.968)	391613	50.0000	42
	114 sec-Butylbenzene	105	10.003	10.003	(0.980)	1335547	50.0000	48
	67 1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	553551	50.0000	47
	113 p-Isopropyltoluene	119	10.121	10.121	(0.991)	1107323	50.0000	49
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	384457	50.0000	
	68 1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	587768	50.0000	47
	139 Camphor	95	11.868	11.868	(1.162)	145253	250.000	190
	117 Benzyl chloride	91	10.432	10.432	(1.022)	1821257	50.0000	45
	125 2-Octanone	43	10.327	10.327	(1.012)	551759	50.0000	52
	111 n-Butylbenzene	91	10.432	10.432	(1.022)	1821257	50.0000	45
	124 2-Octanol	45	10.203	10.203	(0.999)	100149	50.0000	38
	69 1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	542135	50.0000	48
	101 1,2-Dibromo-3-chloropropane	75	11.121	11.121	(1.089)	77685	50.0000	50
	93 1,2,4-Trichlorobenzene	180	11.626	11.626	(1.139)	344332	50.0000	48
	94 Hexachlorobutadiene	225	11.603	11.603	(1.137)	127111	50.0000	46
	70 Naphthalene	128	11.897	11.897	(1.165)	949715	50.0000	49
	140 Amyl Acetate	43	9.274	9.274	(1.118)	574631	50.0000	50
	98 1,2,3-Trichlorobenzene	180	12.056	12.056	(1.181)	301772	50.0000	47
M	14 1,2-Dichloroethene (total)	100				592641	100.000	97
M	45 Xylene (Total)	100				1462998	150.000	150


Y (x10^6)
Min
Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08dea.b/d02226.d
Date : 08-AUG-2008 11:25
Client ID:
Sample Info: XSTD221
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08dea.b/d02226.d
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Iodomethane
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-Hexane+
-TBA
-Acetonitrile
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
m+p-Xylene
-o-Xylene
-Bromoform+
-Isopropylbenzene
-Butyl Acrylate
-Amyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-trans-1,4-dichloro-2-bute
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-p-Isopropyltoluene
-2-Octanone
-Benzyl chloride
-1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

VOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

LAB FILE ID: RRF5: D02316 RRF10: D02317 RRF20: D02318
RRF50: D02319 RRF100: D02320

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
Chloromethane	0.317	0.276	0.271	0.279	0.333
Bromomethane	0.232	0.202	0.187	0.181	0.205
Vinyl Chloride	0.336	0.307	0.309	0.301	0.348
Chloroethane	0.168	0.164	0.150	0.146	0.164
Methylene Chloride	0.299	0.298	0.290	0.276	0.277
Acetone	0.052	0.039	0.040	0.029	0.028
Carbon Disulfide	0.774	0.765	0.750	0.730	0.739
Trichlorofluoromethane	0.389	0.399	0.404	0.397	0.463
1,1-Dichloroethene	0.286	0.285	0.288	0.272	0.272
1,1-Dichloroethane	0.497	0.513	0.501	0.499	0.502
trans-1,2-Dichloroethene	0.272	0.284	0.274	0.267	0.276
cis-1,2-Dichloroethene	0.288	0.288	0.294	0.288	0.295
Chloroform	0.464	0.511	0.494	0.485	0.491
1,2-Dichloroethane	0.390	0.434	0.418	0.410	0.414
2-Butanone	0.047	0.050	0.052	0.050	0.054
1,1,1-Trichloroethane	0.383	0.402	0.395	0.387	0.388
Carbon Tetrachloride	0.326	0.349	0.346	0.352	0.355
Bromodichloromethane	0.359	0.369	0.369	0.379	0.391
1,2-Dichloropropane	0.267	0.287	0.276	0.278	0.283
cis-1,3-Dichloropropene	0.363	0.435	0.448	0.461	0.486
Trichloroethene	0.336	0.285	0.279	0.284	0.289
Dibromochloromethane	0.289	0.324	0.333	0.347	0.368
1,1,2-Trichloroethane	0.283	0.293	0.286	0.284	0.288
Benzene	1.106	1.092	1.076	1.082	1.100
trans-1,3-Dichloropropene	0.483	0.578	0.589	0.611	0.624
2-Chloroethyl Vinyl Ether	0.124	0.146	0.162	0.190	0.209
Bromoform	0.188	0.212	0.221	0.238	0.260
4-Methyl-2-Pentanone	0.194	0.241	0.262	0.291	0.323
2-Hexanone	0.216	0.255	0.271	0.284	0.317
Tetrachloroethene	0.336	0.328	0.326	0.339	0.347
1,1,2,2-Tetrachloroethane	0.901	1.002	0.958	0.952	0.955
Toluene	1.314	1.501	1.534	1.521	1.540
Chlorobenzene	0.941	1.025	0.987	0.984	1.011
Ethylbenzene	0.439	0.493	0.498	0.506	0.524
Styrene	0.702	0.881	0.954	1.008	1.073
Xylene (Total)	0.472	0.574	0.611	0.634	0.660
Ethyl Ether	0.234	0.240	0.229	0.214	0.214
Acrolein	0.056	0.060	0.060	0.064	0.062
Freon TF	0.309	0.296	0.292	0.280	0.279

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

LAB FILE ID: RRF5: D02316 RRF10: D02317 RRF20: D02318
RRF50: D02319 RRF100: D02320

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
Isopropanol					
Acetonitrile	0.026	0.029	0.031	0.029	0.029
TBA	0.022	0.027	0.027	0.027	0.033
Acrylonitrile	0.102	0.111	0.112	0.117	0.113
MTBE	0.770	0.796	0.798	0.789	0.834
Hexane	0.224	0.206	0.216	0.232	0.202
DIPE	0.858	0.876	0.837	0.854	0.891
Ethyl Acetate	0.031	0.033	0.032	0.036	0.037
Vinyl Acetate	0.313	0.346	0.344	0.327	0.349
Tetrahydrofuran	0.103	0.114	0.132	0.132	0.134
Cyclohexane	0.421	0.430	0.428	0.436	0.452
Isobutanol					
Isopropyl Acetate	0.467	0.510	0.528	0.555	0.604
n-Heptane	0.289	0.295	0.313	0.327	0.329
n-Butanol	0.005	0.006	0.007	0.007	0.007
Propyl Acetate	0.335	0.389	0.398	0.439	0.467
Butyl Acetate	0.414	0.528	0.573	0.620	0.671
1,2-Dibromoethane	0.305	0.338	0.338	0.344	0.355
1,3-Dichlorobenzene	1.462	1.574	1.527	1.521	1.578
1,4-Dichlorobenzene	1.604	1.670	1.594	1.614	1.647
1,2-Dichlorobenzene	1.419	1.510	1.493	1.491	1.534
Naphthalene	1.978	2.327	2.417	2.468	2.594
Methylnaphthalene (total)					
Dimethylnaphthalene (total)					
Dichlorodifluoromethane	0.190	0.183	0.180	0.186	0.238
1,1-Dichloropropene	0.319	0.362	0.372	0.381	0.390
1,2,4-Trichlorobenzene	0.801	0.898	0.933	0.974	1.004
Hexachlorobutadiene	0.363	0.346	0.367	0.365	0.365
1,4-Dioxane	0.001	0.002	0.002	0.002	0.002
Methyl Acrylate					
1,1,1,2-Tetrachloroethane	0.308	0.343	0.339	0.349	0.354
1,2,3-Trichlorobenzene	0.775	0.800		0.823	0.837
1,2,3-Trichloropropane	0.292	0.314	0.298	0.301	0.304
1,2,4-Trimethylbenzene	2.531	2.759	2.815	2.851	2.935
1,2-Dibromo-3-chloropropane	0.160	0.182	0.183	0.184	0.194
1,3,5-Trimethylbenzene	2.267	2.660	2.727	2.796	2.888
1,3-Dichloropropane	0.522	0.587	0.589	0.607	0.619
2,2-Dichloropropane	0.296	0.304	0.294	0.278	0.270
2-Chlorotoluene	2.114	2.314	2.358	2.400	2.442

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

LAB FILE ID: RRF5: D02316 RRF10: D02317 RRF20: D02318
RRF50: D02319 RRF100: D02320

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
4-Chlorotoluene	2.274	2.496	2.478	2.527	2.581
Bromobenzene	0.735	0.774	0.786	0.787	0.819
Bromochloromethane	0.134	0.148	0.143	0.143	0.148
Dibromomethane	0.168	0.193	0.189	0.184	0.191
Isopropylbenzene	1.298	1.466	1.558	1.617	1.647
n-Butylbenzene	4.309	4.758	4.901	4.999	5.224
n-Propylbenzene	3.402	3.891	4.022	4.148	4.260
p-Isopropyltoluene	2.257	2.673	2.830	2.989	3.067
sec-Butylbenzene	2.952	3.253	3.401	3.511	3.579
tert-Butylbenzene	1.774	2.118	2.279	2.352	2.433
Allyl chloride					
Benzyl chloride	4.309	4.758	4.901	4.999	5.224
Epichlorohydrin	0.028	0.031	0.032	0.033	0.036
Isoprene	0.407	0.388	0.379	0.362	0.358
Methyl methacrylate	0.145	0.172	0.183	0.206	0.224
n-Pentane	0.056	0.051	0.050	0.047	0.046
Allyl alcohol					
2-Octanol					
2-Octanone	0.895	1.066	1.244	1.300	1.326
Ethyl Acrylate	0.272	0.313	0.346	0.384	0.406
Butyl Acrylate	0.177	0.221	0.264	0.286	0.302
Butyl Methacrylate	0.709	0.812	0.960	1.026	1.077
Ethyl methacrylate					
Ethanol					
Methyl Acetate	0.066	0.074	0.076	0.078	0.083
Methyl cyclohexane	0.403	0.416	0.429	0.437	0.453
Cyclohexanone					
p-Ethyltoluene					
1,4-Diethylbenzene					
1,2,4,5-Tetramethylbenzene					
Propylene Oxide					
Camphene (total)					
Camphor	0.055	0.061	0.073	0.086	0.094
Amyl Acetate	0.528	0.599	0.661	0.677	0.690
2-Methylnaphthalene					
1-Chlorohexane					
Chlorotrifluoromethane					
Chlorodifluoromethane					
tert-Amylmethyl Ether	0.770	0.796	0.798	0.789	0.834

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

LAB FILE ID: RRF5: D02316 RRF10: D02317 RRF20: D02318
RRF50: D02319 RRF100: D02320

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
Iodomethane	0.590	0.564	0.559	0.529	0.523
trans-1,4-Dichloro-2-butene	0.237	0.248	0.265	0.272	0.281
Acetaldehyde					
1,3,5-Trichlorobenzene					
1,2-Dichlorotrifluoroethane					
1-Bromo-2-chloroethane					
4-Chlorobenzotrifluoride					
2-Chloropropene					
tert-Butyl ethyl ether	0.733	0.743	0.786	0.790	0.823
1,3-Butadiene					
1,2-Dichloroethane-d4 (SUR)	0.304	0.320	0.321	0.321	0.323
Toluene-d8 (SUR)	0.790	0.889	0.965	1.059	1.088
Bromofluorobenzene (SUR)	0.577	0.635	0.652	0.692	0.715

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

RRF200: D02321

COMPOUND	RRF200
Chloromethane	0.291
Bromomethane	0.189
Vinyl Chloride	0.293
Chloroethane	0.137
Methylene Chloride	0.280
Acetone	0.027
Carbon Disulfide	0.713
Trichlorofluoromethane	0.415
1,1-Dichloroethene	0.267
1,1-Dichloroethane	0.512
trans-1,2-Dichloroethene	0.282
cis-1,2-Dichloroethene	0.303
Chloroform	0.499
1,2-Dichloroethane	0.414
2-Butanone	0.054
1,1,1-Trichloroethane	0.395
Carbon Tetrachloride	0.372
Bromodichloromethane	0.404
1,2-Dichloropropane	0.290
cis-1,3-Dichloropropene	0.500
Trichloroethene	0.302
Dibromochloromethane	0.381
1,1,2-Trichloroethane	0.288
Benzene	1.149
trans-1,3-Dichloropropene	0.634
2-Chloroethyl Vinyl Ether	0.211
Bromoform	0.287
4-Methyl-2-Pentanone	0.323
2-Hexanone	0.305
Tetrachloroethene	0.362
1,1,2,2-Tetrachloroethane	0.944
Toluene	1.580
Chlorobenzene	1.054
Ethylbenzene	0.551
Styrene	1.154
Xylene (Total)	0.699
Ethyl Ether	0.196
Acrolein	0.063
Freon TF	0.266

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

RRF200: D02321

COMPOUND	RRF200
Isopropanol	
Acetonitrile	0.030
TBA	0.033
Acrylonitrile	0.117
MTBE	0.834
Hexane	0.199
DIPE	0.864
Ethyl Acetate	0.037
Vinyl Acetate	0.337
Tetrahydrofuran	0.135
Cyclohexane	0.451
Isobutanol	
Isopropyl Acetate	0.603
n-Heptane	0.329
n-Butanol	0.008
Propyl Acetate	0.465
Butyl Acetate	0.646
1,2-Dibromoethane	0.364
1,3-Dichlorobenzene	1.640
1,4-Dichlorobenzene	1.710
1,2-Dichlorobenzene	1.581
Naphthalene	2.689
Methylnaphthalene (total)	
Dimethylnaphthalene (total)	
Dichlorodifluoromethane	0.192
1,1-Dichloropropene	0.402
1,2,4-Trichlorobenzene	1.059
Hexachlorobutadiene	0.370
1,4-Dioxane	0.002
Methyl Acrylate	
1,1,1,2-Tetrachloroethane	0.365
1,2,3-Trichlorobenzene	0.872
1,2,3-Trichloropropane	0.306
1,2,4-Trimethylbenzene	3.031
1,2-Dibromo-3-chloropropane	0.192
1,3,5-Trimethylbenzene	3.011
1,3-Dichloropropane	0.625
2,2-Dichloropropane	0.251
2-Chlorotoluene	2.506

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

RRF200: D02321

COMPOUND	RRF200
4-Chlorotoluene	2.655
Bromobenzene	0.843
Bromochloromethane	0.152
Dibromomethane	0.193
Isopropylbenzene	1.750
n-Butylbenzene	5.079
n-Propylbenzene	4.270
p-Isopropyltoluene	3.195
sec-Butylbenzene	3.701
tert-Butylbenzene	2.546
Allyl chloride	
Benzyl chloride	5.079
Epichlorohydrin	0.035
Isoprene	0.336
Methyl methacrylate	0.228
n-Pentane	0.042
Allyl alcohol	
2-Octanol	
2-Octanone	1.344
Ethyl Acrylate	0.429
Butyl Acrylate	0.316
Butyl Methacrylate	1.122
Ethyl methacrylate	
Ethanol	
Methyl Acetate	0.081
Methyl cyclohexane	0.460
Cyclohexanone	
p-Ethyltoluene	
1,4-Diethylbenzene	
1,2,4,5-Tetramethylbenzene	
Propylene Oxide	
Camphene (total)	
Camphor	0.102
Amyl Acetate	0.714
2-Methylnaphthalene	
1-Chlorohexane	
Chlorotrifluoromethane	
Chlorodifluoromethane	
tert-Amylmethyl Ether	0.834

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

RRF200: D02321

COMPOUND	RRF200
Iodomethane	0.527
trans-1,4-Dichloro-2-butene	0.286
Acetaldehyde	
1,3,5-Trichlorobenzene	
1,2-Dichlorotrifluoroethane	
1-Bromo-2-chloroethane	
4-Chlorobenzotrifluoride	
2-Chloropropene	
tert-Butyl ethyl ether	0.855
1,3-Butadiene	
1,2-Dichloroethane-d4 (SUR)	0.327
Toluene-d8 (SUR)	1.138
Bromofluorobenzene (SUR)	0.748

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Chloromethane	AVRG		0.29469298		8.6**
Bromomethane	AVRG		0.19943731		9.3*
Vinyl Chloride	AVRG		0.31568115		6.8*
Chloroethane	AVRG		0.15511936		7.8*
Methylene Chloride	AVRG		0.28706879		3.6*
Acetone	LINR	0.00000000	35.8453825		0.995*
Carbon Disulfide	AVRG		0.74526636		3.0*
Trichlorofluoromethane	AVRG		0.41127368		6.5*
1,1-Dichloroethene	AVRG		0.27842981		3.3*
1,1-Dichloroethane	AVRG		0.50404275		1.4**
trans-1,2-Dichloroethene	AVRG		0.27571985		2.2*
cis-1,2-Dichloroethene	AVRG		0.29286208		2.0*
Chloroform	AVRG		0.49063960		3.2*
1,2-Dichloroethane	AVRG		0.41330010		3.5*
2-Butanone	AVRG		0.05118547		5.1*
1,1,1-Trichloroethane	AVRG		0.39149879		1.7*
Carbon Tetrachloride	AVRG		0.35007276		4.2*
Bromodichloromethane	AVRG		0.37840829		4.4*
1,2-Dichloropropane	AVRG		0.28012966		3.0*
cis-1,3-Dichloropropene	AVRG		0.44879870		10.8*
Trichloroethene	AVRG		0.29592006		7.1*
Dibromochloromethane	AVRG		0.34037594		9.7*
1,1,2-Trichloroethane	AVRG		0.28731419		1.3*
Benzene	AVRG		1.10089272		2.4*
trans-1,3-Dichloropropene	AVRG		0.58671168		9.3*
2-Chloroethyl Vinyl Ether	LINR	0.00000000	4.77046810		0.998*
Bromoform	LINR	0.00000000	3.57190304		0.994**
4-Methyl-2-Pentanone	LINR	0.00000000	3.11623348		0.998*
2-Hexanone	AVRG		0.27460366		13.3*
Tetrachloroethene	AVRG		0.33966494		3.9*
1,1,2,2-Tetrachloroethane	AVRG		0.95217598		3.4**
Toluene	AVRG		1.49827740		6.3*
Chlorobenzene	AVRG		1.00010210		3.9**
Ethylbenzene	AVRG		0.50183910		7.4*
Styrene	LINR	0.00000000	0.88351579		0.997*
Xylene (Total)	AVRG		0.60840676		13.0*
Ethyl Ether	AVRG		0.22136141		7.3*
Acrolein	AVRG		0.06085255		4.9*
Freon TF	AVRG		0.28707134		5.3*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Isopropanol	AVRG				
Acetonitrile	AVRG		0.02898839		5.3*
TBA	LINR	0.00000000	30.3036987		0.996*
Acrylonitrile	AVRG		0.11206277		4.8*
MTBE	AVRG		0.80352697		3.2*
Hexane	AVRG		0.21332570		6.0*
DIPE	AVRG		0.86319449		2.2*
Ethyl Acetate	AVRG		0.03436761		7.7*
Vinyl Acetate	AVRG		0.33622118		4.0*
Tetrahydrofuran	AVRG		0.12505434		10.7*
Cyclohexane	AVRG		0.43625717		2.9*
Isobutanol	AVRG				
Isopropyl Acetate	AVRG		0.54475670		9.9*
n-Heptane	AVRG		0.31370089		5.7*
n-Butanol	2ORDR	0.00000000	170.897	-101.069	0.998*
Propyl Acetate	AVRG		0.41551973		12.4*
Butyl Acetate	LINR	0.00000000	1.53980032		0.999*
1,2-Dibromoethane	AVRG		0.34072982		6.0*
1,3-Dichlorobenzene	AVRG		1.55043516		3.9*
1,4-Dichlorobenzene	AVRG		1.63975758		2.7*
1,2-Dichlorobenzene	AVRG		1.50470189		3.6*
Naphthalene	AVRG		2.41216460		10.3*
Methylnaphthalene (total)	AVRG				
Dimethylnaphthalene (total)	AVRG				
Dichlorodifluoromethane	AVRG		0.19509470		11.2*
1,1-Dichloropropene	AVRG		0.37106869		7.9*
1,2,4-Trichlorobenzene	AVRG		0.94486716		9.5*
Hexachlorobutadiene	AVRG		0.36263275		2.4*
1,4-Dioxane	AVRG		0.00188176		11.8*
Methyl Acrylate	AVRG				
1,1,1,2-Tetrachloroethane	AVRG		0.34303139		5.6*
1,2,3-Trichlorobenzene	AVRG		0.82126088		4.5*
1,2,3-Trichloropropane	AVRG		0.30272146		2.4*
1,2,4-Trimethylbenzene	AVRG		2.82058022		6.0*
1,2-Dibromo-3-chloropropane	AVRG		0.18253696		6.6*
1,3,5-Trimethylbenzene	AVRG		2.72470705		9.4*
1,3-Dichloropropane	AVRG		0.59153583		6.3*
2,2-Dichloropropane	AVRG		0.28202851		7.0*
2-Chlorotoluene	AVRG		2.35551577		5.8*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
4-Chlorotoluene	AVRG		2.50174597		5.1*
Bromobenzene	AVRG		0.79062522		4.7*
Bromochloromethane	AVRG		0.14483368		4.4*
Dibromomethane	AVRG		0.18657224		5.1*
Isopropylbenzene	AVRG		1.55594723		10.1*
n-Butylbenzene	AVRG		4.87848180		6.6*
n-Propylbenzene	AVRG		3.99892133		8.2*
p-Isopropyltoluene	AVRG		2.83513008		11.9*
sec-Butylbenzene	AVRG		3.39949614		7.9*
tert-Butylbenzene	AVRG		2.25034169		12.2*
Allyl chloride	AVRG				
Benzyl chloride	AVRG		4.87848180		6.6*
Epichlorohydrin	AVRG		0.03251835		9.0*
Isoprene	AVRG		0.37179519		6.7*
Methyl methacrylate	LINR	0.00000000	4.43270888		0.998*
n-Pentane	AVRG		0.04867339		10.1*
Allyl alcohol	AVRG				
2-Octanol	AVRG				
2-Octanone	AVRG		1.19603096		14.9*
Ethyl Acrylate	LINR	0.00000000	2.36666036		0.998*
Butyl Acrylate	LINR	0.00000000	3.21155351		0.998*
Butyl Methacrylate	LINR	0.00000000	0.90275885		0.998*
Ethyl methacrylate	LINR				
Ethanol	AVRG				
Methyl Acetate	AVRG		0.07649520		7.7*
Methyl cyclohexane	AVRG		0.43294940		5.0*
Cyclohexanone	AVRG				
p-Ethyltoluene	AVRG				
1,4-Diethylbenzene	AVRG				
1,2,4,5-Tetramethylbenzene	AVRG				
Propylene Oxide	AVRG				
Camphene (total)	AVRG				
Camphor	LINR	0.00000000	10.0663265		0.995*
Amyl Acetate	AVRG		0.64482310		10.7*
2-Methylnaphthalene	AVRG				
1-Chlorohexane	AVRG				
Chlorotrifluoromethane	AVRG				
Chlorodifluoromethane	AVRG				
tert-Amylmethyl Ether	AVRG		0.80352697		3.2*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS4 Calibration Date(s): 08/14/08 08/14/08

Heated Purge: (Y/N) N Calibration Time(s): 0419 0618

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Iodomethane	AVRG		0.54878491		4.9*
trans-1,4-Dichloro-2-butene	AVRG		0.26503863		7.2*
Acetaldehyde	AVRG				
1,3,5-Trichlorobenzene	AVRG				
1,2-Dichlorotrifluoroethane	AVRG				
1-Bromo-2-chloroethane	AVRG				
4-Chlorobenzotrifluoride	AVRG				
2-Chloropropene	AVRG				
tert-Butyl ethyl ether	AVRG		0.78848038		5.9**
1,3-Butadiene	AVRG				
1,2-Dichloroethane-d4 (SUR)	AVRG		0.31928577		2.4*
Toluene-d8 (SUR)	AVRG		0.98851774		13.3*
Bromofluorobenzene (SUR)	AVRG		0.66976532		9.2*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/14/08 Time: 0530

Lab File ID: D02319 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.2940000	0.2788394	0.2788394	0.1	5.16	50.00	AVRG
Bromomethane	0.1990000	0.1810845	0.1810845		9.00	50.00	AVRG
Vinyl Chloride	0.3160000	0.3010627	0.3010627		4.73	20.00	AVRG
Chloroethane	0.1550000	0.1463426	0.1463426		5.58	50.00	AVRG
Methylene Chloride	0.2870000	0.2765224	0.2765224		3.65	50.00	AVRG
Acetone	52.295690	50.000000	0.0291785		-4.59	50.00	LINR
Carbon Disulfide	0.7450000	0.7300758	0.7300758		2.00	50.00	AVRG
Trichlorofluoromethane	0.4110000	0.3972154	0.3972154		3.35	50.00	AVRG
1,1-Dichloroethene	0.2780000	0.2725413	0.2725413		1.96	20.00	AVRG
1,1-Dichloroethane	0.5040000	0.4986250	0.4986250	0.1	1.07	50.00	AVRG
trans-1,2-Dichloroethene	0.2760000	0.2670469	0.2670469		3.24	50.00	AVRG
cis-1,2-Dichloroethene	0.2930000	0.2883065	0.2883065		1.60	50.00	AVRG
Chloroform	0.4910000	0.4849243	0.4849243		1.24	20.00	AVRG
1,2-Dichloroethane	0.4130000	0.4097539	0.4097539		0.78	50.00	AVRG
2-Butanone	0.0510000	0.0500719	0.0500719		1.82	50.00	AVRG
1,1,1-Trichloroethane	0.3920000	0.3867832	0.3867832		1.33	50.00	AVRG
Carbon Tetrachloride	0.3500000	0.3522568	0.3522568		-0.64	50.00	AVRG
Bromodichloromethane	0.3780000	0.3788857	0.3788857		-0.23	50.00	AVRG
1,2-Dichloropropane	0.2800000	0.2779092	0.2779092		0.75	20.00	AVRG
cis-1,3-Dichloropropene	0.4490000	0.4608655	0.4608655		-2.64	50.00	AVRG
Trichloroethene	0.2960000	0.2844271	0.2844271		3.91	50.00	AVRG
Dibromochloromethane	0.3400000	0.3473516	0.3473516		-2.16	50.00	AVRG
1,1,2-Trichloroethane	0.2870000	0.2841002	0.2841002		1.01	50.00	AVRG
Benzene	1.1010000	1.0817416	1.0817416		1.75	50.00	AVRG
trans-1,3-Dichloropropene	0.5860000	0.6110125	0.6110125		-4.27	50.00	AVRG
2-Chloroethyl Vinyl Ether	45.219635	50.000000	0.1895815		9.56	50.00	LINR
Bromoform	42.611948	50.000000	0.2385952	0.1	14.78	50.00	LINR
4-Methyl-2-Pentanone	45.298597	50.000000	0.2907266		9.40	50.00	LINR
2-Hexanone	0.2750000	0.2844913	0.2844913		-3.45	50.00	AVRG
Tetrachloroethene	0.3400000	0.3394328	0.3394328		0.17	50.00	AVRG
1,1,2,2-Tetrachloroethane	0.9520000	0.9523992	0.9523992	0.3	-0.04	50.00	AVRG
Toluene	1.4980000	1.5209579	1.5209579		-1.53	20.00	AVRG
Chlorobenzene	1.0000000	0.9837618	0.9837618	0.3	1.62	50.00	AVRG
Ethylbenzene	0.5020000	0.5061327	0.5061327		-0.82	20.00	AVRG
Styrene	44.552049	50.000000	1.0085173		10.90	50.00	LINR
Xylene (Total)	0.6080000	0.6339749	0.6339749		-4.27	50.00	AVRG
Ethyl Ether	0.2210000	0.2140549	0.2140549		3.14	50.00	AVRG
Acrolein	0.0610000	0.0643962	0.0643962		-5.57	99.00	AVRG
Freon TF	0.2870000	0.2797526	0.2797526		2.52	50.00	AVRG
Isopropanol	0.0000000				0.00	50.00	AVRG
Acetonitrile	0.0290000	0.0293567	0.0293567		-1.23	50.00	AVRG
TBA	808.13656	1000.0000	0.0266679		19.19	50.00	LINR

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/14/08 Time: 0530

Lab File ID: D02319 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acrylonitrile	0.1120000	0.1168894	0.1168894		-4.36	50.00	AVRG
MTBE	0.8040000	0.7892029	0.7892029		1.84	50.00	AVRG
Hexane	0.2130000	0.2317438	0.2317438		-8.80	50.00	AVRG
DIPE	0.8630000	0.8535294	0.8535294		1.10	50.00	AVRG
Ethyl Acetate	0.0340000	0.0357404	0.0357404		-5.12	50.00	AVRG
Vinyl Acetate	0.3360000	0.3274129	0.3274129		2.56	50.00	AVRG
Tetrahydrofuran	0.1250000	0.1319464	0.1319464		-5.56	50.00	AVRG
Cyclohexane	0.4360000	0.4361390	0.4361390		-0.03	50.00	AVRG
Isobutanol	0.0000000				0.00	50.00	AVRG
Isopropyl Acetate	0.5440000	0.5553085	0.5553085		-2.08	50.00	AVRG
n-Heptane	0.3140000	0.3272066	0.3272066		-4.20	50.00	AVRG
n-Butanol	2023.6936	2000.0000	0.0071200		-1.18	50.00	2RDR
Propyl Acetate	0.4160000	0.4388670	0.4388670		-5.50	50.00	AVRG
Butyl Acetate	95.422249	100.00000	0.6197053		4.58	50.00	LINR
1,2-Dibromoethane	0.3410000	0.3439669	0.3439669		-0.87	50.00	AVRG
1,3-Dichlorobenzene	1.5500000	1.5208957	1.5208957		1.88	50.00	AVRG
1,4-Dichlorobenzene	1.6400000	1.6141731	1.6141731		1.57	50.00	AVRG
1,2-Dichlorobenzene	1.5050000	1.4910964	1.4910964		0.92	50.00	AVRG
Naphthalene	2.4120000	2.4682262	2.4682262		-2.33	50.00	AVRG
Methylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dimethylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dichlorodifluoromethane	0.1950000	0.1857128	0.1857128		4.76	50.00	AVRG
1,1-Dichloropropene	0.3710000	0.3808926	0.3808926		-2.67	50.00	AVRG
1,2,4-Trichlorobenzene	0.9450000	0.9745577	0.9745577		-3.13	50.00	AVRG
Hexachlorobutadiene	0.3630000	0.3646450	0.3646450		-0.45	50.00	AVRG
1,4-Dioxane	0.0020000	0.0018938	0.0018938		5.31	50.00	AVRG
Methyl Acrylate	0.0000000				0.00	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3430000	0.3486904	0.3486904		-1.66	50.00	AVRG
1,2,3-Trichlorobenzene	0.8210000	0.8230489	0.8230489		-0.25	50.00	AVRG
1,2,3-Trichloropropane	0.3020000	0.3007705	0.3007705		0.41	50.00	AVRG
1,2,4-Trimethylbenzene	2.8200000	2.8513417	2.8513417		-1.11	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.1820000	0.1842631	0.1842631		-1.24	50.00	AVRG
1,3,5-Trimethylbenzene	2.7250000	2.7960073	2.7960073		-2.60	50.00	AVRG
1,3-Dichloropropane	0.5920000	0.6072472	0.6072472		-2.58	50.00	AVRG
2,2-Dichloropropane	0.2820000	0.2784696	0.2784696		1.25	50.00	AVRG
2-Chlorotoluene	2.3560000	2.3999752	2.3999752		-1.87	50.00	AVRG
4-Chlorotoluene	2.5020000	2.5270010	2.5270010		-1.00	50.00	AVRG
Bromobenzene	0.7910000	0.7868735	0.7868735		0.52	50.00	AVRG
Bromochloromethane	0.1450000	0.1428244	0.1428244		1.50	50.00	AVRG
Dibromomethane	0.1860000	0.1843822	0.1843822		0.87	50.00	AVRG
Isopropylbenzene	1.5560000	1.6166856	1.6166856		-3.90	50.00	AVRG
n-Butylbenzene	4.8780000	4.9993676	4.9993676		-2.49	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/14/08 Time: 0530

Lab File ID: D02319 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
n-Propylbenzene	3.9990000	4.1482850	4.1482850		-3.73	50.00	AVRG
p-Isopropyltoluene	2.8350000	2.9890774	2.9890774		-5.43	50.00	AVRG
sec-Butylbenzene	3.4000000	3.5107718	3.5107718		-3.26	50.00	AVRG
tert-Butylbenzene	2.2500000	2.3520418	2.3520418		-4.54	50.00	AVRG
Allyl chloride	0.0000000				0.00	50.00	AVRG
Benzyl chloride	4.8780000	4.9993676	4.9993676		-2.49	50.00	AVRG
Epichlorohydrin	0.0320000	0.0330000	0.0330000		-3.12	50.00	AVRG
Isoprene	0.3720000	0.3615752	0.3615752		2.80	50.00	AVRG
Methyl methacrylate	45.636469	50.000000	0.2059078		8.73	50.00	LINR
n-Pentane	0.0490000	0.0471298	0.0471298		3.82	50.00	AVRG
Allyl alcohol	0.0000000				0.00	50.00	AVRG
2-Octanol	0.0000000	0.2867923	0.2867923		0.00	50.00	AVRG
2-Octanone	1.1960000	1.2999602	1.2999602		-8.69	50.00	AVRG
Ethyl Acrylate	45.399705	50.000000	0.3836605		9.20	50.00	LINR
Butyl Acrylate	45.961650	50.000000	0.2862269		8.08	50.00	LINR
Butyl Methacrylate	46.336722	50.000000	1.0265581		7.33	50.00	LINR
Ethyl methacrylate	0.0000000	50.000000	0.0000000		0.00	50.00	LINR
Ethanol	0.0000000				0.00	50.00	AVRG
Methyl Acetate	0.0760000	0.0785982	0.0785982		-3.42	50.00	AVRG
Methyl cyclohexane	0.4330000	0.4368679	0.4368679		-0.89	50.00	AVRG
Cyclohexanone	0.0000000				0.00	50.00	AVRG
p-Ethyltoluene	0.0000000				0.00	50.00	AVRG
1,4-Diethylbenzene	0.0000000				0.00	50.00	AVRG
1,2,4,5-Tetramethylbenzene	0.0000000				0.00	50.00	AVRG
Propylene Oxide	0.0000000				0.00	50.00	AVRG
Camphene (total)	0.0000000				0.00	50.00	AVRG
Camphor	215.56600	250.00000	0.0856583		13.77	50.00	LINR
Amyl Acetate	0.6450000	0.6767845	0.6767845		-4.93	50.00	AVRG
2-Methylnaphthalene	0.0000000				0.00	50.00	AVRG
1-Chlorohexane	0.0000000				0.00	50.00	AVRG
Chlorotrifluoromethane	0.0000000				0.00	50.00	AVRG
Chlorodifluoromethane	0.0000000				0.00	50.00	AVRG
tert-Amylmethyl Ether	0.8040000	0.7892029	0.7892029		1.84	50.00	AVRG
Iodomethane	0.5490000	0.5288197	0.5288197		3.68	50.00	AVRG
trans-1,4-Dichloro-2-butene	0.2650000	0.2719845	0.2719845		-2.64	50.00	AVRG
Acetaldehyde	0.0000000				0.00	50.00	AVRG
1,3,5-Trichlorobenzene	0.0000000				0.00	50.00	AVRG
1,2-Dichlorotrifluoroethane	0.0000000				0.00	50.00	AVRG
1-Bromo-2-chloroethane	0.0000000				0.00	50.00	AVRG
4-Chlorobenzotrifluoride	0.0000000				0.00	50.00	AVRG
2-Chloropropene	0.0000000				0.00	50.00	AVRG
tert-Butyl ethyl ether	0.7880000	0.7901004	0.7901004	0.01	-0.27	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/14/08 Time: 0530

Lab File ID: D02319 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,3-Butadiene	0.0000000			0.01	0.00	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.3190000	0.3206582	0.3206582		-0.52	50.00	AVRG
Toluene-d8 (SUR)	0.9880000	1.0590940	1.0590940		-7.20	50.00	AVRG
Bromofluorobenzene (SUR)	0.6700000	0.6924048	0.6924048		-3.34	50.00	AVRG

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02316.d
Report Date: 20-Aug-2008 12:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02316.d
Lab Smp Id: DSTD005
Inj Date : 14-AUG-2008 04:19
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD005
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/8260H_08.m
Meth Date : 20-Aug-2008 12:02 pritch Quant Type: ISTD
Cal Date : 14-AUG-2008 05:30 Cal File: d02319.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	25692	5.00000	4.9(a)
1 Chloromethane	50	1.410	1.415	(0.285)	42889	5.00000	5.4
4 Vinyl Chloride	62	1.474	1.474	(0.298)	45368	5.00000	5.3
3 Bromomethane	94	1.710	1.709	(0.345)	31410	5.00000	5.8
5 Chloroethane	64	1.804	1.803	(0.364)	22742	5.00000	5.4
121 n-Pentane	72	1.886	1.886	(0.381)	7558	5.00000	5.7
9 Trichlorofluoromethane	101	1.892	1.897	(0.382)	52507	5.00000	4.7(a)
54 Hexane	56	2.880	2.874	(0.582)	30268	5.00000	5.2
119 Isoprene	67	2.104	2.103	(0.425)	55033	5.00000	5.5
46 Ethyl Ether	59	2.121	2.121	(0.428)	31609	5.00000	5.3
10 1,1-Dichloroethene	96	2.257	2.250	(0.456)	15473	2.00000	2.0
8 Carbon Disulfide	76	2.268	2.268	(0.458)	104526	5.00000	5.2
48 Freon TF	101	2.304	2.303	(0.465)	41773	5.00000	5.4
47 Acrolein	56	2.515	2.515	(0.508)	150823	100.000	92(a)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02316.d
Report Date: 20-Aug-2008 12:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	157 tert-Butyl ethyl ether	59	3.527	3.527	(0.712)	98975	5.00000	4.6(a)
	6 Methylene Chloride	84	2.692	2.692	(0.544)	24276	3.00000	3.1
	7 Acetone	58	2.745	2.750	(0.554)	7041	5.00000	9.3
	12 trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	36778	5.00000	4.9(a)
	131 Methyl Acetate	74	2.845	2.844	(0.575)	8992	5.00000	4.4(a)
	53 MTBE	73	2.915	2.915	(0.589)	104006	5.00000	4.8(a)
	51 TBA	59	3.027	3.021	(0.611)	58916	100.000	66(a)
	50 Acetonitrile	41	3.115	3.115	(0.629)	70534	100.000	90(a)
	55 DIPE	45	3.227	3.227	(0.652)	115847	5.00000	5.0
	147 Iodomethane	142	2.357	2.374	(0.476)	79784	5.00000	5.4
	11 1,1-Dichloroethane	63	3.304	3.303	(0.667)	67133	5.00000	4.9(a)
	52 Acrylonitrile	53	3.362	3.362	(0.679)	138127	50.0000	46(a)
	57 Vinyl Acetate	43	3.539	3.539	(0.715)	42336	5.00000	3.0(aMH)
	13 cis-1,2-Dichloroethene	96	3.762	3.756	(0.760)	38963	5.00000	4.9(a)
	104 2,2-Dichloropropane	77	3.851	3.850	(0.778)	39963	5.00000	5.2
	59 Cyclohexane	56	3.915	3.921	(0.791)	56905	5.00000	4.8(a)
	108 Bromochloromethane	128	3.927	3.933	(0.793)	18123	5.00000	4.6(a)
	15 Chloroform	83	4.009	4.009	(0.810)	62677	5.00000	4.7(a)
	21 Carbon Tetrachloride	117	4.109	4.109	(0.830)	17623	2.00000	1.9(a)
	56 Ethyl Acetate	70	4.151	4.144	(0.838)	8473	10.0000	9.1(a)
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.844)	51737	5.00000	4.9(a)
	92 1,1-Dichloropropene	75	4.292	4.291	(0.867)	43069	5.00000	4.3(a)
	18 2-Butanone	72	4.303	4.303	(0.869)	6374	5.00000	4.6(a)
	28 Benzene	78	4.527	4.527	(0.914)	29895	1.00000	1.0
	58 Tetrahydrofuran	42	4.151	4.144	(0.838)	13930	5.00000	4.1(a)
	145 tert-Amylmethyl Ether	73	2.915	2.915	(0.589)	104006	5.00000	4.8(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.943)	41108	5.00000	4.8
	17 1,2-Dichloroethane	62	4.739	4.733	(0.957)	21057	2.00000	1.9(a)
*	19 Fluorobenzene	96	4.950	4.944	(1.000)	1350957	50.0000	
	61 Isopropyl Acetate	43	5.039	5.038	(1.018)	126148	10.0000	8.6(a)
	132 Methyl cyclohexane	83	5.092	5.091	(1.028)	54418	5.00000	4.6(a)
	25 Trichloroethene	95	5.115	5.115	(1.033)	9068	1.00000	1.1
	62 n-Heptane	43	4.515	4.515	(0.912)	39046	5.00000	4.6(a)
	109 Dibromomethane	93	5.556	5.556	(1.122)	22741	5.00000	4.5(a)
	23 1,2-Dichloropropane	63	5.674	5.674	(1.146)	7208	1.00000	0.95(a)
	22 Bromodichloromethane	83	5.756	5.756	(1.163)	9692	1.00000	0.95(a)
	126 Ethyl Acrylate	55	5.756	5.756	(1.163)	36803	5.00000	3.2(a)
	63 n-Butanol	56	5.556	5.556	(1.122)	64632	500.000	400(a)
	120 Methyl methacrylate	69	5.986	5.985	(1.209)	19623	5.00000	3.2(a)
	95 1,4-Dioxane	88	5.997	5.997	(1.211)	40235	1000.00	790(a)
	64 Propyl Acetate	43	6.168	6.162	(1.246)	90432	10.0000	8.0(a)
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.307)	16729	5.00000	3.0(a)
	24 cis-1,3-Dichloropropene	75	6.497	6.497	(1.312)	49006	5.00000	4.0(a)
$	37 Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	76494	5.00000	4.0
	38 Toluene	91	6.780	6.779	(0.818)	127116	5.00000	4.4(a)
	118 Epichlorohydrin	57	6.815	6.815	(1.377)	76131	100.000	87(a)
	35 Tetrachloroethene	166	7.191	7.191	(0.867)	6497	1.00000	0.99(a)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02316.d
Report Date: 20-Aug-2008 12:33

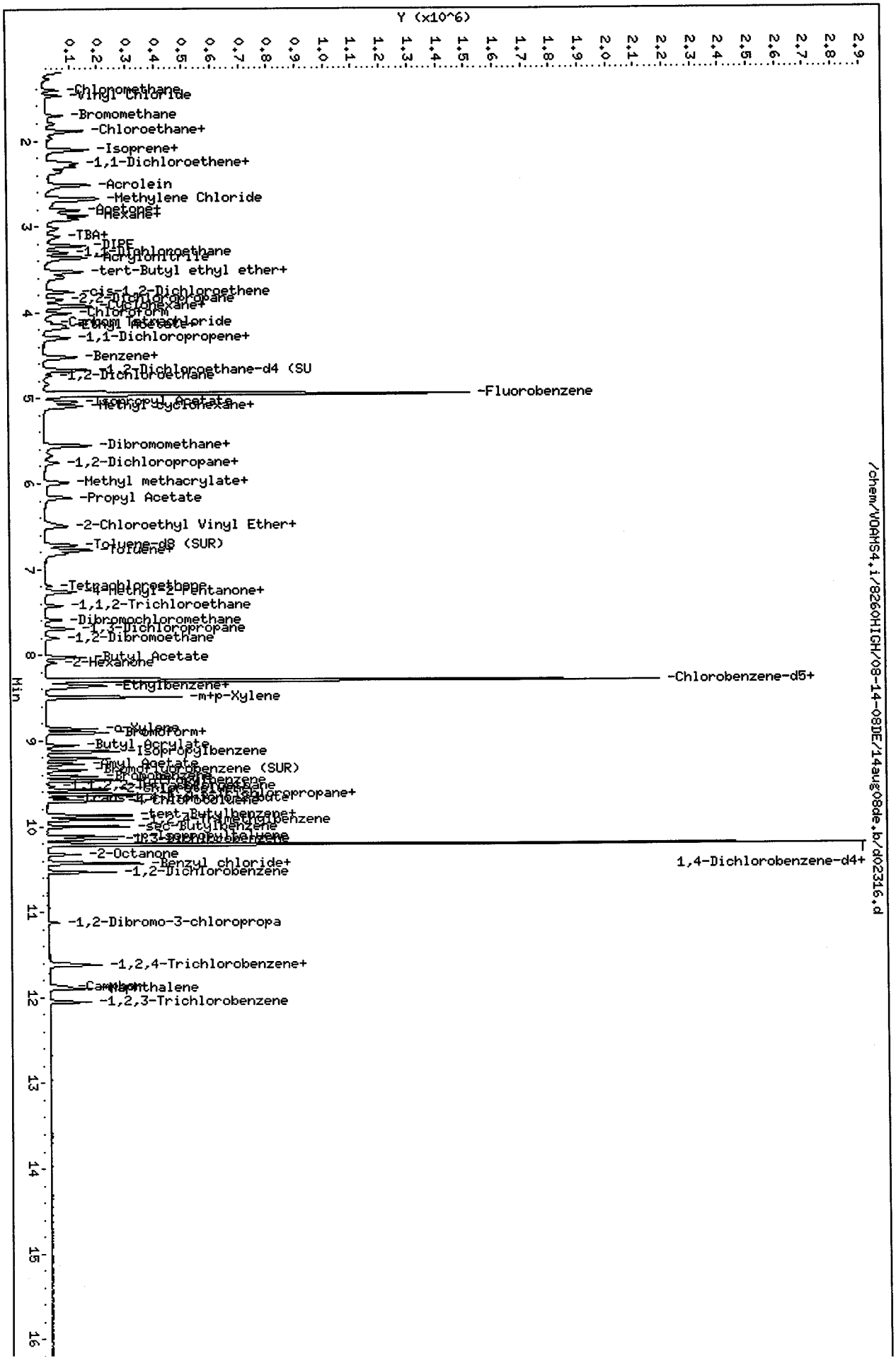
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	33 4-Methyl-2-Pentanone	43	7.250	7.250	(1.465)	26189	5.00000	3.0(a)
	29 trans-1,3-Dichloropropene	75	7.268	7.268	(0.877)	46779	5.00000	4.1(a)
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	16447	3.00000	3.0
	26 Dibromochloromethane	129	7.591	7.591	(0.916)	27927	5.00000	4.2(a)
	103 1,3-Dichloropropane	76	7.691	7.691	(0.928)	50520	5.00000	4.4(a)
	66 1,2-Dibromoethane	107	7.797	7.797	(0.940)	29519	5.00000	4.5(a)
	65 Butyl Acetate	43	8.027	8.021	(0.968)	80070	10.0000	6.4(a)
	34 2-Hexanone	43	8.086	8.085	(0.975)	20879	5.00000	3.9(a)
*	32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	967631	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.002)	91019	5.00000	4.7(a)
	40 Ethylbenzene	106	8.356	8.356	(1.008)	34015	4.00000	3.5(a)
	97 1,1,1,2-Tetrachloroethane	131	8.380	8.379	(1.011)	29859	5.00000	4.5(a)
	43 m+p-Xylene	106	8.491	8.491	(1.024)	99826	10.0000	8.1(a)
	44 o-Xylene	106	8.856	8.856	(1.068)	37359	5.00000	3.0(a)
	31 Bromoform	173	8.903	8.909	(1.074)	14540	4.00000	2.7(a)
	42 Styrene	104	8.909	8.903	(1.074)	67936	5.00000	3.1(a)
	127 Butyl Acrylate	73	9.056	9.056	(1.092)	17117	5.00000	2.8(a)
	110 Isopropylbenzene	105	9.127	9.126	(1.101)	125585	5.00000	4.2(a)
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	26923	5.00000	4.3
	107 Bromobenzene	156	9.415	9.415	(0.922)	34313	5.00000	4.6(a)
	112 n-Propylbenzene	91	9.462	9.462	(0.927)	158820	5.00000	4.2(a)
	36 1,1,2,2-Tetrachloroethane	83	9.533	9.532	(0.934)	8413	1.00000	0.95(a)
	105 2-Chlorotoluene	91	9.568	9.568	(0.937)	98681	5.00000	4.5(a)
	99 1,2,3-Trichloropropane	110	9.621	9.620	(0.942)	13660	5.00000	4.8(a)
	102 1,3,5-Trimethylbenzene	105	9.627	9.626	(0.943)	105828	5.00000	4.2(a)
	148 trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	11055	5.00000	4.5(a)
	106 4-Chlorotoluene	91	9.703	9.703	(0.950)	106166	5.00000	4.5(a)
	115 tert-Butylbenzene	119	9.868	9.868	(0.967)	82809	5.00000	3.9(a)
	100 1,2,4-Trimethylbenzene	105	9.921	9.920	(0.972)	118173	5.00000	4.5(a)
	128 Butyl Methacrylate	87	9.880	9.879	(0.968)	33114	5.00000	3.2(a)
	114 sec-Butylbenzene	105	10.003	10.003	(0.980)	137818	5.00000	4.3(a)
	67 1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	68256	5.00000	4.7(a)
	113 p-Isopropyltoluene	119	10.121	10.120	(0.991)	105369	5.00000	4.0(a)
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	466862	50.0000	
	68 1,4-Dichlorobenzene	146	10.221	10.220	(1.001)	74867	5.00000	4.9(a)
	139 Camphor	95	11.868	11.867	(1.162)	12914	25.0000	14(a)
	117 Benzyl chloride	91	10.432	10.426	(1.022)	201168	5.00000	4.4(a)
	125 2-Octanone	43	10.327	10.326	(1.012)	41790	5.00000	3.7(a)
	111 n-Butylbenzene	91	10.432	10.426	(1.022)	201168	5.00000	4.4(a)
	69 1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	66261	5.00000	4.7(a)
	101 1,2-Dibromo-3-chloropropane	75	11.121	11.120	(1.089)	7466	5.00000	4.4(a)
	93 1,2,4-Trichlorobenzene	180	11.621	11.620	(1.138)	37408	5.00000	4.2(a)
	94 Hexachlorobutadiene	225	11.603	11.603	(1.137)	16957	5.00000	5.0
	70 Naphthalene	128	11.897	11.897	(1.165)	92353	5.00000	4.1(a)
	140 Amyl Acetate	43	9.274	9.268	(1.118)	51090	5.00000	4.1(a)
	98 1,2,3-Trichlorobenzene	180	12.056	12.050	(1.181)	36174	5.00000	4.7(a)
M	14 1,2-Dichloroethene (total)	100				75741	10.0000	9.9

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02316.d
Report Date: 20-Aug-2008 12:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				137185	15.0000	12

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02316.d
Date : 14-AUG-2008 04:19
Client ID:
Sample Info: DSTD005
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02316.d
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride
-Acetone+
-Hexane+
-TBA+
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon Tetrachloride
-Ethyl Acetate
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane-d4 (SU
-1,2-Dichloroethane
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-Butyl Acetate
-2-Hexanone
-Chlorobenzene-d5+
-Ethylbenzene+
-m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Vinyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-trans-1,4-Dichloro-2-butene+
-1,2,3-Trichloropropane+
-trans-1,4-Dichlorobutene
-tert-Butylbenzene+
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-2-Octanone
-Benzyl chloride+
1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02317.d
Report Date: 20-Aug-2008 12:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02317.d
Lab Smp Id: DSTD010
Inj Date : 14-AUG-2008 04:43
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD010
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/8260H_08.m
Meth Date : 20-Aug-2008 12:02 pritch Quant Type: ISTD
Cal Date : 14-AUG-2008 05:30 Cal File: d02319.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.286	1.280	(0.260)	49746	10.0000	9.4
1 Chloromethane	50	1.415	1.415	(0.286)	74865	10.0000	9.4
4 Vinyl Chloride	62	1.474	1.474	(0.298)	83289	10.0000	9.7
3 Bromomethane	94	1.709	1.709	(0.345)	54997	10.0000	10
5 Chloroethane	64	1.803	1.803	(0.364)	44430	10.0000	10
121 n-Pentane	72	1.886	1.886	(0.381)	13830	10.0000	10
9 Trichlorofluoromethane	101	1.892	1.897	(0.382)	108421	10.0000	9.7
54 Hexane	56	2.874	2.874	(0.581)	55919	10.0000	9.6
119 Isoprene	67	2.103	2.103	(0.425)	105512	10.0000	10
46 Ethyl Ether	59	2.121	2.121	(0.428)	65348	10.0000	11
10 1,1-Dichloroethene	96	2.250	2.250	(0.455)	77547	10.0000	10
8 Carbon Disulfide	76	2.268	2.268	(0.458)	207770	10.0000	10
48 Freon TF	101	2.303	2.303	(0.465)	80452	10.0000	10
47 Acrolein	56	2.515	2.515	(0.508)	325283	200.000	200

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02317.d
Report Date: 20-Aug-2008 12:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
157	tert-Butyl ethyl ether	59	3.527	3.527	(0.712)	201897	10.0000	9.4
6	Methylene Chloride	84	2.691	2.692	(0.544)	81088	10.0000	10
7	Acetone	58	2.750	2.750	(0.556)	10530	10.0000	14
12	trans-1,2-Dichloroethene	96	2.815	2.809	(0.569)	77050	10.0000	10
131	Methyl Acetate	74	2.844	2.844	(0.575)	20158	10.0000	9.7
53	MTBE	73	2.915	2.915	(0.589)	216335	10.0000	9.9
51	TBA	59	3.027	3.021	(0.611)	146706	200.000	160
50	Acetonitrile	41	3.115	3.115	(0.629)	157754	200.000	200
55	DIPE	45	3.227	3.227	(0.652)	238014	10.0000	10
147	Iodomethane	142	2.350	2.374	(0.475)	153240	10.0000	10
11	1,1-Dichloroethane	63	3.303	3.303	(0.667)	139436	10.0000	10
52	Acrylonitrile	53	3.362	3.362	(0.679)	300897	100.000	99
57	Vinyl Acetate	43	3.538	3.539	(0.715)	94073	10.0000	7.1(M)
13	cis-1,2-Dichloroethene	96	3.762	3.756	(0.760)	78330	10.0000	9.8
104	2,2-Dichloropropane	77	3.856	3.850	(0.779)	82452	10.0000	11
59	Cyclohexane	56	3.921	3.921	(0.792)	116800	10.0000	9.8
108	Bromochloromethane	128	3.933	3.933	(0.794)	40244	10.0000	10
15	Chloroform	83	4.009	4.009	(0.810)	138931	10.0000	10
21	Carbon Tetrachloride	117	4.115	4.109	(0.831)	94822	10.0000	10
56	Ethyl Acetate	70	4.150	4.144	(0.838)	17761	20.0000	19
20	1,1,1-Trichloroethane	97	4.180	4.180	(0.844)	109073	10.0000	10
92	1,1-Dichloropropene	75	4.291	4.291	(0.867)	98324	10.0000	9.8
18	2-Butanone	72	4.315	4.303	(0.872)	13657	10.0000	9.8
28	Benzene	78	4.533	4.527	(0.916)	296581	10.0000	9.9
58	Tetrahydrofuran	42	4.150	4.144	(0.838)	30893	10.0000	9.1
145	tert-Amylmethyl Ether	73	2.915	2.915	(0.589)	216335	10.0000	9.9
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.943)	86861	10.0000	10
17	1,2-Dichloroethane	62	4.732	4.733	(0.956)	117958	10.0000	10
* 19	Fluorobenzene	96	4.950	4.944	(1.000)	1358186	50.0000	
61	Isopropyl Acetate	43	5.038	5.038	(1.018)	277372	20.0000	19
132	Methyl cyclohexane	83	5.091	5.091	(1.029)	112996	10.0000	9.6
25	Trichloroethene	95	5.115	5.115	(1.033)	77388	10.0000	9.6
62	n-Heptane	43	4.515	4.515	(0.912)	80154	10.0000	9.4
109	Dibromomethane	93	5.556	5.556	(1.122)	52546	10.0000	10
23	1,2-Dichloropropane	63	5.674	5.674	(1.146)	77885	10.0000	10
22	Bromodichloromethane	83	5.756	5.756	(1.163)	100163	10.0000	9.7
126	Ethyl Acrylate	55	5.756	5.756	(1.163)	85064	10.0000	7.4
63	n-Butanol	56	5.556	5.556	(1.122)	170882	1000.00	1000
120	Methyl methacrylate	69	5.985	5.985	(1.209)	46776	10.0000	7.6
95	1,4-Dioxane	88	5.997	5.997	(1.212)	104502	2000.00	2000
64	Propyl Acetate	43	6.168	6.162	(1.246)	211367	20.0000	19
30	2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.307)	39622	10.0000	7.0
24	cis-1,3-Dichloropropene	75	6.497	6.497	(1.312)	118165	10.0000	9.7
$ 37	Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	174874	10.0000	9.0
38	Toluene	91	6.779	6.779	(0.818)	295062	10.0000	10
118	Epichlorohydrin	57	6.815	6.815	(1.377)	167560	200.000	190
35	Tetrachloroethene	166	7.191	7.191	(0.867)	64560	10.0000	9.7

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02317.d
Report Date: 20-Aug-2008 12:39

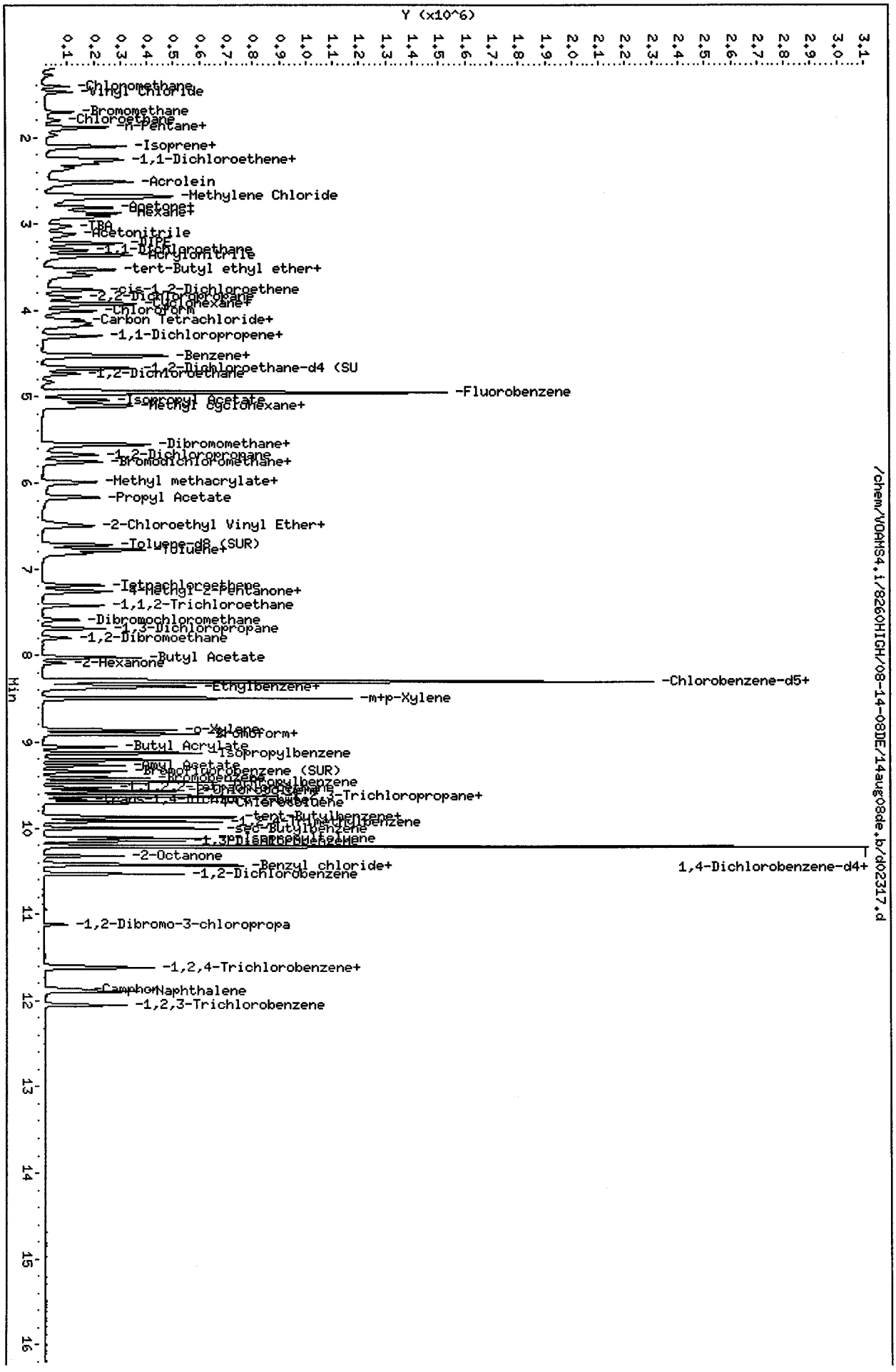
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
33	4-Methyl-2-Pentanone	43	7.250	7.250	(1.465)	65555	10.0000	7.5
29	trans-1,3-Dichloropropene	75	7.268	7.268	(0.877)	113606	10.0000	9.8
27	1,1,2-Trichloroethane	83	7.426	7.427	(0.896)	57670	10.0000	10
26	Dibromochloromethane	129	7.591	7.591	(0.916)	63807	10.0000	9.5
103	1,3-Dichloropropane	76	7.691	7.691	(0.928)	115382	10.0000	9.9
66	1,2-Dibromoethane	107	7.797	7.797	(0.940)	66447	10.0000	9.9
65	Butyl Acetate	43	8.026	8.021	(0.968)	207699	20.0000	16
34	2-Hexanone	43	8.085	8.085	(0.975)	50094	10.0000	9.3
* 32	Chlorobenzene-d5	117	8.291	8.291	(1.000)	982997	50.0000	
39	Chlorobenzene	112	8.309	8.309	(1.002)	201475	10.0000	10
40	Ethylbenzene	106	8.356	8.356	(1.008)	96915	10.0000	9.8
97	1,1,1,2-Tetrachloroethane	131	8.379	8.379	(1.011)	67390	10.0000	10
43	m+p-Xylene	106	8.491	8.491	(1.024)	237538	20.0000	19
44	o-Xylene	106	8.856	8.856	(1.068)	101025	10.0000	8.0
31	Bromoform	173	8.909	8.909	(1.074)	41632	10.0000	7.6
42	Styrene	104	8.903	8.903	(1.074)	173268	10.0000	7.8
127	Butyl Acrylate	73	9.056	9.056	(1.092)	43424	10.0000	7.1
110	Isopropylbenzene	105	9.126	9.126	(1.101)	288205	10.0000	9.4
$ 41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	60680	10.0000	9.5
107	Bromobenzene	156	9.415	9.415	(0.922)	73956	10.0000	9.8
112	n-Propylbenzene	91	9.462	9.462	(0.927)	371793	10.0000	9.7
36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	95755	10.0000	10
105	2-Chlorotoluene	91	9.567	9.568	(0.937)	221076	10.0000	9.8
99	1,2,3-Trichloropropane	110	9.620	9.620	(0.942)	30021	10.0000	10
102	1,3,5-Trimethylbenzene	105	9.626	9.626	(0.943)	254102	10.0000	9.8
148	trans-1,4-Dichloro-2-butene	53	9.667	9.668	(0.947)	23743	10.0000	9.4
106	4-Chlorotoluene	91	9.703	9.703	(0.950)	238474	10.0000	10
115	tert-Butylbenzene	119	9.867	9.868	(0.967)	202342	10.0000	9.4
100	1,2,4-Trimethylbenzene	105	9.920	9.920	(0.972)	263630	10.0000	9.8
128	Butyl Methacrylate	87	9.879	9.879	(0.968)	77634	10.0000	7.3
114	sec-Butylbenzene	105	10.003	10.003	(0.980)	310826	10.0000	9.6
67	1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	150395	10.0000	10
113	p-Isopropyltoluene	119	10.120	10.120	(0.991)	255363	10.0000	9.4
* 91	1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	477719	50.0000	
68	1,4-Dichlorobenzene	146	10.220	10.220	(1.001)	159541	10.0000	10
139	Camphor	95	11.867	11.867	(1.162)	29228	50.0000	31
117	Benzyl chloride	91	10.432	10.426	(1.022)	454632	10.0000	9.8
125	2-Octanone	43	10.326	10.326	(1.012)	101892	10.0000	8.9
111	n-Butylbenzene	91	10.432	10.426	(1.022)	454632	10.0000	9.8
69	1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	144327	10.0000	10
101	1,2-Dibromo-3-chloropropane	75	11.120	11.120	(1.089)	17435	10.0000	10
93	1,2,4-Trichlorobenzene	180	11.620	11.620	(1.138)	85803	10.0000	9.5
94	Hexachlorobutadiene	225	11.603	11.603	(1.137)	33014	10.0000	9.5
70	Naphthalene	128	11.897	11.897	(1.165)	222319	10.0000	9.6
140	Amyl Acetate	43	9.273	9.268	(1.118)	117803	10.0000	9.3(a)
98	1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	76392	10.0000	9.7
M 14	1,2-Dichloroethene (total)	100				155380	20.0000	20

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02317.d
Report Date: 20-Aug-2008 12:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
M 45 Xylene (Total)	100				338563	30.0000	28

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: /chem/VOAHS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02317.d
Date : 14-AUG-2008 04:43
Client ID:
Sample Info: DSTD010
Column phase: Rtx-VMS
Instrument: VOAHS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAHS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02317.d
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride
-Acetone+
-Hexane+
-TBA
-Acetonitrile
-MTBE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon Tetrachloride+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane-d4 (SU
-1,2-Dichloroethane
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
-m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Amyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-1,2,3-Trichloropropane+
-trans-1,4-Dichloro-2-butene
-4-Chlorotoluene
-tert-Butylbenzene+
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-4-Isopropyltoluene
-2-Octanone
-Benzyl chloride+
1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02318.d
Report Date: 20-Aug-2008 12:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02318.d
Lab Smp Id: DSTD020
Inj Date : 14-AUG-2008 05:07
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD020
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/8260H_08.m
Meth Date : 20-Aug-2008 12:02 pritch Quant Type: ISTD
Cal Date : 14-AUG-2008 05:30 Cal File: d02319.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	99436	20.0000	18
1 Chloromethane	50	1.409	1.415	(0.285)	149535	20.0000	18
4 Vinyl Chloride	62	1.474	1.474	(0.298)	170307	20.0000	20
3 Bromomethane	94	1.709	1.709	(0.346)	103005	20.0000	19
5 Chloroethane	64	1.803	1.803	(0.365)	82945	20.0000	19
121 n-Pentane	72	1.886	1.886	(0.381)	27855	20.0000	21
9 Trichlorofluoromethane	101	1.892	1.897	(0.383)	222510	20.0000	20
54 Hexane	56	2.874	2.874	(0.581)	119246	20.0000	20
119 Isoprene	67	2.103	2.103	(0.425)	208653	20.0000	20
46 Ethyl Ether	59	2.121	2.121	(0.429)	126161	20.0000	21
10 1,1-Dichloroethene	96	2.250	2.250	(0.455)	158492	20.0000	21
8 Carbon Disulfide	76	2.268	2.268	(0.459)	413403	20.0000	20
48 Freon TF	101	2.303	2.303	(0.466)	160707	20.0000	20
47 Acrolein	56	2.515	2.515	(0.509)	495816	300.000	300

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02318.d
Report Date: 20-Aug-2008 12:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	157 tert-Butyl ethyl ether	59	3.527	3.527	(0.713)	433111	20.0000	20
	6 Methylene Chloride	84	2.686	2.692	(0.543)	159740	20.0000	20
	7 Acetone	58	2.739	2.750	(0.554)	22095	20.0000	29
	12 trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	150752	20.0000	20
	131 Methyl Acetate	74	2.844	2.844	(0.575)	41612	20.0000	20
	53 MTBE	73	2.909	2.915	(0.588)	439295	20.0000	20
	51 TBA	59	3.021	3.021	(0.611)	301653	400.000	330
	50 Acetonitrile	41	3.115	3.115	(0.630)	337659	400.000	420
	55 DIPE	45	3.221	3.227	(0.651)	461090	20.0000	19
	147 Iodomethane	142	2.350	2.374	(0.475)	308042	20.0000	20
	11 1,1-Dichloroethane	63	3.303	3.303	(0.668)	276008	20.0000	20
	52 Acrylonitrile	53	3.362	3.362	(0.680)	463739	150.000	150
	57 Vinyl Acetate	43	3.533	3.539	(0.714)	189475	20.0000	16(M)
	13 cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	162027	20.0000	20
	104 2,2-Dichloropropane	77	3.850	3.850	(0.779)	161985	20.0000	21
	59 Cyclohexane	56	3.915	3.921	(0.792)	235496	20.0000	20
	108 Bromochloromethane	128	3.927	3.933	(0.794)	78700	20.0000	20
	15 Chloroform	83	4.009	4.009	(0.811)	271956	20.0000	20
	21 Carbon Tetrachloride	117	4.109	4.109	(0.831)	190464	20.0000	20
	56 Ethyl Acetate	70	4.144	4.144	(0.838)	35340	40.0000	37
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.845)	217363	20.0000	20
	92 1,1-Dichloropropene	75	4.291	4.291	(0.868)	205031	20.0000	20
	18 2-Butanone	72	4.303	4.303	(0.870)	28389	20.0000	20
	28 Benzene	78	4.527	4.527	(0.916)	592850	20.0000	20
	58 Tetrahydrofuran	42	4.144	4.144	(0.838)	72626	20.0000	21
	145 tert-Amylmethyl Ether	73	2.909	2.915	(0.588)	439295	20.0000	20
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	177059	20.0000	20
	17 1,2-Dichloroethane	62	4.733	4.733	(0.957)	230182	20.0000	20
*	19 Fluorobenzene	96	4.944	4.944	(1.000)	1376993	50.0000	
	61 Isopropyl Acetate	43	5.038	5.038	(1.019)	581997	40.0000	39
	132 Methyl cyclohexane	83	5.091	5.091	(1.030)	236457	20.0000	20
	25 Trichloroethene	95	5.115	5.115	(1.034)	153841	20.0000	19
	62 n-Heptane	43	4.515	4.515	(0.913)	172357	20.0000	20
	109 Dibromomethane	93	5.556	5.556	(1.124)	104232	20.0000	20
	23 1,2-Dichloropropane	63	5.674	5.674	(1.147)	151822	20.0000	20
	22 Bromodichloromethane	83	5.756	5.756	(1.164)	203469	20.0000	20
	126 Ethyl Acrylate	55	5.756	5.756	(1.164)	190573	20.0000	16
	63 n-Butanol	56	5.556	5.556	(1.124)	280053	1500.00	1500
	120 Methyl methacrylate	69	5.985	5.985	(1.211)	100841	20.0000	16
	95 1,4-Dioxane	88	5.997	5.997	(1.213)	159863	3000.00	3100
	64 Propyl Acetate	43	6.162	6.162	(1.246)	438715	40.0000	38
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.308)	89326	20.0000	15
	24 cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	246849	20.0000	20
$	37 Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	385457	20.0000	20
	38 Toluene	91	6.779	6.779	(0.818)	612431	20.0000	20
	118 Epichlorohydrin	57	6.821	6.815	(1.379)	349842	400.000	390
	35 Tetrachloroethene	166	7.191	7.191	(0.867)	130181	20.0000	19

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02318.d
Report Date: 20-Aug-2008 12:46

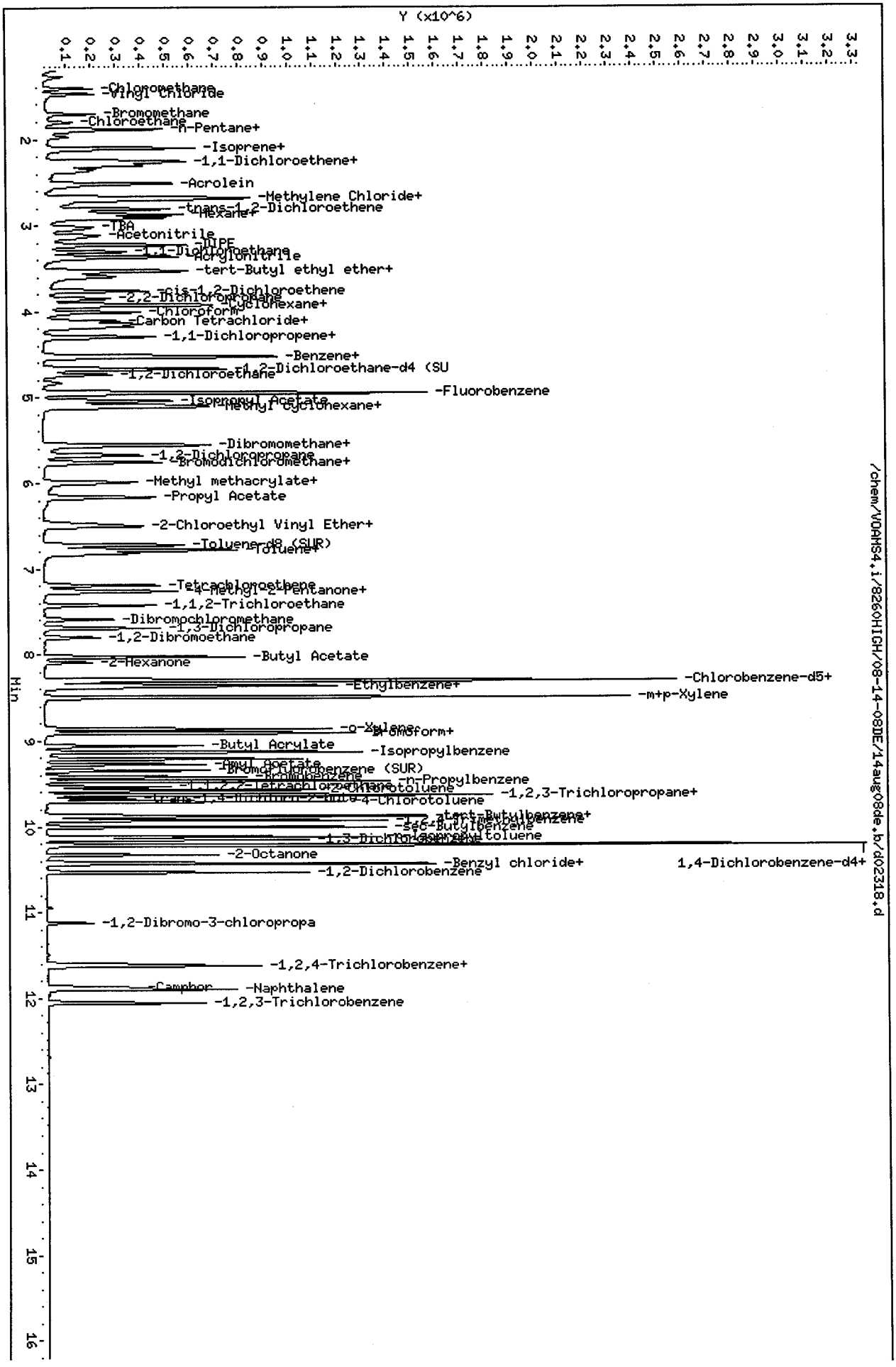
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	33 4-Methyl-2-Pentanone	43	7.250	7.250	(1.466)	144093	20.0000	16
	29 trans-1,3-Dichloropropene	75	7.268	7.268	(0.877)	235322	20.0000	20
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	114373	20.0000	20
	26 Dibromochloromethane	129	7.585	7.591	(0.915)	132861	20.0000	20
	103 1,3-Dichloropropane	76	7.691	7.691	(0.928)	235013	20.0000	20
	66 1,2-Dibromoethane	107	7.797	7.797	(0.940)	134795	20.0000	20
	65 Butyl Acetate	43	8.021	8.021	(0.967)	457432	40.0000	35
	34 2-Hexanone	43	8.085	8.085	(0.975)	108255	20.0000	20
*	32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	998099	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.002)	393892	20.0000	20
	40 Ethylbenzene	106	8.356	8.356	(1.008)	198679	20.0000	20
	97 1,1,1,2-Tetrachloroethane	131	8.379	8.379	(1.011)	135473	20.0000	20
	43 m+p-Xylene	106	8.491	8.491	(1.024)	503519	40.0000	40
	44 o-Xylene	106	8.856	8.856	(1.068)	228438	20.0000	18
	31 Bromoform	173	8.909	8.909	(1.074)	88134	20.0000	16
	42 Styrene	104	8.903	8.903	(1.074)	380948	20.0000	17
	127 Butyl Acrylate	73	9.056	9.056	(1.092)	105540	20.0000	17
	110 Isopropylbenzene	105	9.126	9.126	(1.101)	621892	20.0000	20
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	127951	20.0000	19
	107 Bromobenzene	156	9.415	9.415	(0.922)	154278	20.0000	20
	112 n-Propylbenzene	91	9.462	9.462	(0.927)	789634	20.0000	20
	36 1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	188118	20.0000	20
	105 2-Chlorotoluene	91	9.568	9.568	(0.937)	462977	20.0000	20
	99 1,2,3-Trichloropropane	110	9.620	9.620	(0.942)	58579	20.0000	20
	102 1,3,5-Trimethylbenzene	105	9.626	9.626	(0.943)	535427	20.0000	20
	148 trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	52049	20.0000	20
	106 4-Chlorotoluene	91	9.703	9.703	(0.950)	486450	20.0000	20
	115 tert-Butylbenzene	119	9.868	9.868	(0.967)	447454	20.0000	20
	100 1,2,4-Trimethylbenzene	105	9.920	9.920	(0.972)	552765	20.0000	20
	128 Butyl Methacrylate	87	9.879	9.879	(0.968)	188393	20.0000	17
	114 sec-Butylbenzene	105	10.003	10.003	(0.980)	667689	20.0000	20
	67 1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	299887	20.0000	20
	113 p-Isopropyltoluene	119	10.120	10.120	(0.991)	555612	20.0000	20
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	490842	50.0000	
	68 1,4-Dichlorobenzene	146	10.220	10.220	(1.001)	313022	20.0000	19
	139 Camphor	95	11.867	11.867	(1.162)	71593	100.000	73
	117 Benzyl chloride	91	10.432	10.426	(1.022)	962238	20.0000	20
	125 2-Octanone	43	10.326	10.326	(1.012)	244208	20.0000	21
	111 n-Butylbenzene	91	10.432	10.426	(1.022)	962238	20.0000	20
	69 1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	293111	20.0000	20
	101 1,2-Dibromo-3-chloropropane	75	11.120	11.120	(1.089)	35861	20.0000	20
	93 1,2,4-Trichlorobenzene	180	11.620	11.620	(1.138)	183118	20.0000	20
	94 Hexachlorobutadiene	225	11.603	11.603	(1.137)	72125	20.0000	20
	70 Naphthalene	128	11.897	11.897	(1.165)	474541	20.0000	20
	140 Amyl Acetate	43	9.273	9.268	(1.118)	263787	20.0000	20
	98 1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	160224	20.0000	20
M	14 1,2-Dichloroethene (total)	100				312779	40.0000	40

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02318.d
Report Date: 20-Aug-2008 12:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
M 45 Xylene (Total)	100				731957	60.0000	60

QC Flag Legend

M - Compound response manually integrated.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02318.d
Date : 14-AUG-2008 05:07
Client ID:
Sample Info: DSTD020
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
/chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02318.d
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-Hexane+
-TBA
-Acetonitrile
-MTBE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon Tetrachloride+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane-d4 (SU
-1,2-Dichloroethane
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
-m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Amyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-1,2,3-Trichloropropane+
-trans-1,4-Dichloro-2-butene
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-tert-Butylbenzene+
-sec-Butylbenzene
-1,3-Dichlorobenzene
-4-Isopropyltoluene
-2-Octanone
-Benzyl chloride+
1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02319.d
Report Date: 20-Aug-2008 12:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02319.d
Lab Smp Id: DSTD050
Inj Date : 14-AUG-2008 05:30
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD050
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/8260H_08.m
Meth Date : 20-Aug-2008 12:02 pritch Quant Type: ISTD
Cal Date : 14-AUG-2008 05:30 Cal File: d02319.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	261138	50.0000	48
1 Chloromethane	50	1.415	1.415	(0.286)	392087	50.0000	47
4 Vinyl Chloride	62	1.474	1.474	(0.298)	423336	50.0000	48
3 Bromomethane	94	1.709	1.709	(0.346)	254630	50.0000	45
5 Chloroethane	64	1.803	1.803	(0.365)	205778	50.0000	47
121 n-Pentane	72	1.886	1.886	(0.381)	66271	50.0000	48
9 Trichlorofluoromethane	101	1.897	1.897	(0.384)	558540	50.0000	48
54 Hexane	56	2.874	2.874	(0.581)	325864	50.0000	54
119 Isoprene	67	2.103	2.103	(0.425)	508425	50.0000	49
46 Ethyl Ether	59	2.121	2.121	(0.429)	300991	50.0000	48
10 1,1-Dichloroethene	96	2.250	2.250	(0.455)	383231	50.0000	49
8 Carbon Disulfide	76	2.268	2.268	(0.459)	1026588	50.0000	49
48 Freon TF	101	2.303	2.303	(0.466)	393371	50.0000	49
47 Acrolein	56	2.515	2.515	(0.509)	724400	400.000	420

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02319.d
Report Date: 20-Aug-2008 12:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
157	tert-Butyl ethyl ether	59	3.527	3.527	(0.713)	1110991	50.0000	50
6	Methylene Chloride	84	2.692	2.692	(0.544)	388829	50.0000	48
7	Acetone	58	2.750	2.750	(0.556)	41029	50.0000	52
12	trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	375505	50.0000	48
131	Methyl Acetate	74	2.844	2.844	(0.575)	110520	50.0000	51
53	MTBE	73	2.915	2.915	(0.590)	1109729	50.0000	49
51	TBA	59	3.021	3.021	(0.611)	749976	1000.00	810
50	Acetonitrile	41	3.115	3.115	(0.630)	825591	1000.00	1000
55	DIPE	45	3.227	3.227	(0.653)	1200181	50.0000	49
147	Iodomethane	142	2.374	2.374	(0.480)	743594	50.0000	48
11	1,1-Dichloroethane	63	3.303	3.303	(0.668)	701136	50.0000	49
52	Acrylonitrile	53	3.362	3.362	(0.680)	657451	200.000	210
57	Vinyl Acetate	43	3.539	3.539	(0.716)	460388	50.0000	37(M)
13	cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	405399	50.0000	49
104	2,2-Dichloropropane	77	3.850	3.850	(0.779)	391567	50.0000	49
59	Cyclohexane	56	3.921	3.921	(0.793)	613272	50.0000	50
108	Bromochloromethane	128	3.933	3.933	(0.795)	200831	50.0000	49
15	Chloroform	83	4.009	4.009	(0.811)	681871	50.0000	49
21	Carbon Tetrachloride	117	4.109	4.109	(0.831)	495322	50.0000	50
56	Ethyl Acetate	70	4.144	4.144	(0.838)	100512	100.000	100
20	1,1,1-Trichloroethane	97	4.180	4.180	(0.845)	543871	50.0000	49
92	1,1-Dichloropropene	75	4.291	4.291	(0.868)	535588	50.0000	51
18	2-Butanone	72	4.303	4.303	(0.870)	70408	50.0000	49
28	Benzene	78	4.527	4.527	(0.916)	1521079	50.0000	49
58	Tetrahydrofuran	42	4.144	4.144	(0.838)	185535	50.0000	53
145	tert-Amylmethyl Ether	73	2.915	2.915	(0.590)	1109729	50.0000	49
$ 16	1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	450890	50.0000	50
17	1,2-Dichloroethane	62	4.733	4.733	(0.957)	576171	50.0000	50
* 19	Fluorobenzene	96	4.944	4.944	(1.000)	1406139	50.0000	
61	Isopropyl Acetate	43	5.038	5.038	(1.019)	1561682	100.000	100
132	Methyl cyclohexane	83	5.091	5.091	(1.030)	614297	50.0000	50
25	Trichloroethene	95	5.115	5.115	(1.034)	399944	50.0000	48
62	n-Heptane	43	4.515	4.515	(0.913)	460098	50.0000	52
109	Dibromomethane	93	5.556	5.556	(1.124)	259267	50.0000	49
23	1,2-Dichloropropane	63	5.674	5.674	(1.147)	390779	50.0000	50
22	Bromodichloromethane	83	5.756	5.756	(1.164)	532766	50.0000	50
126	Ethyl Acrylate	55	5.756	5.756	(1.164)	539480	50.0000	45
63	n-Butanol	56	5.556	5.556	(1.124)	400471	2000.00	2000
120	Methyl methacrylate	69	5.985	5.985	(1.211)	289535	50.0000	46
95	1,4-Dioxane	88	5.997	5.997	(1.213)	213033	4000.00	4000
64	Propyl Acetate	43	6.162	6.162	(1.246)	1234216	100.000	100
30	2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.308)	266578	50.0000	45
24	cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	648041	50.0000	51
$ 37	Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	1113021	50.0000	54
38	Toluene	91	6.779	6.779	(0.818)	1598402	50.0000	51
118	Epichlorohydrin	57	6.815	6.815	(1.378)	928052	1000.00	1000
35	Tetrachloroethene	166	7.191	7.191	(0.867)	356716	50.0000	50

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02319.d
Report Date: 20-Aug-2008 12:54

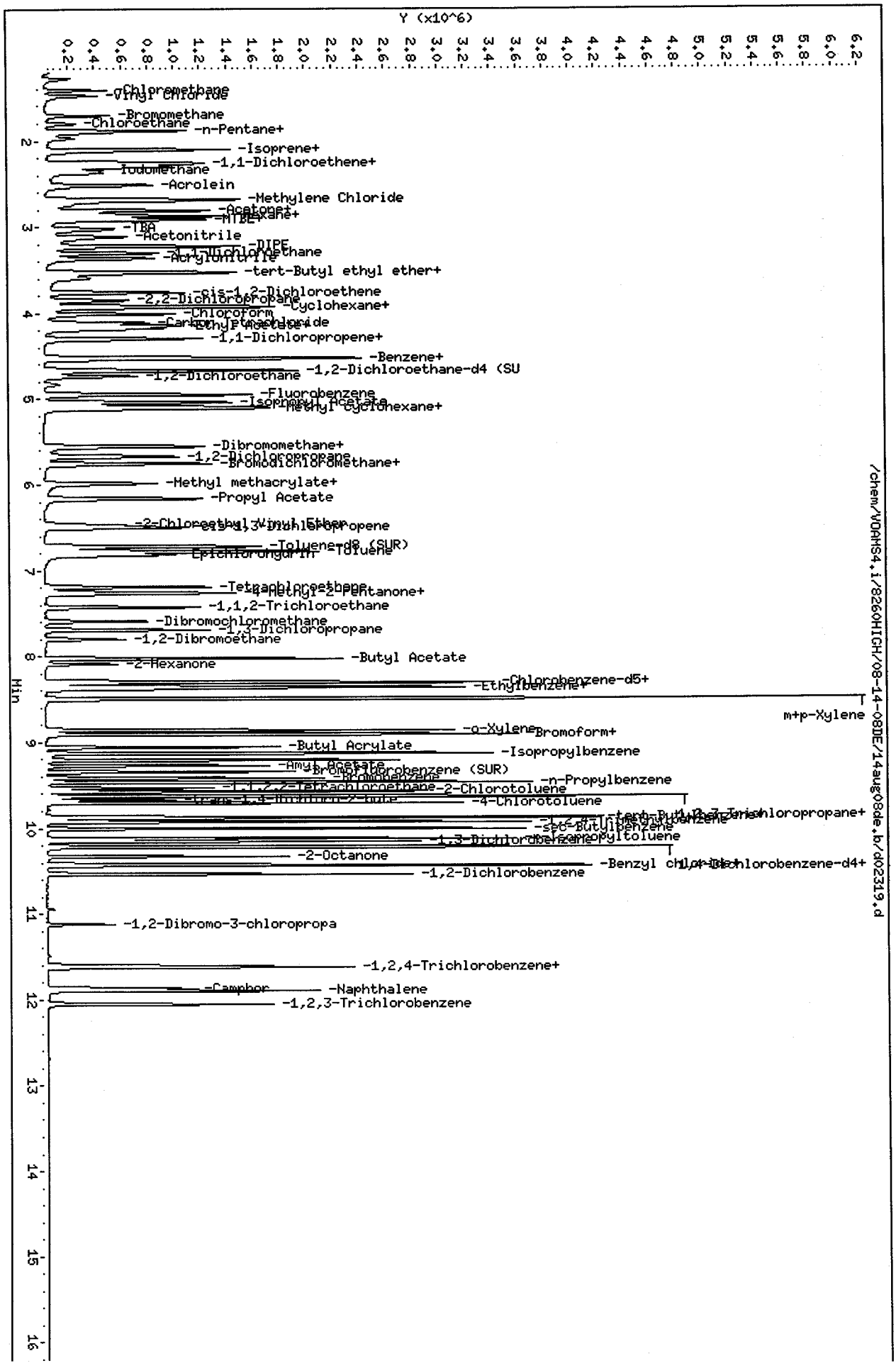
			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
		==========	====	==	======	======	========	=======	=======
	33	4-Methyl-2-Pentanone	43	7.250	7.250	(1.466)	408802	50.0000	45
	29	trans-1,3-Dichloropropene	75	7.268	7.268	(0.877)	642124	50.0000	52
	27	1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	298566	50.0000	49
	26	Dibromochloromethane	129	7.591	7.591	(0.916)	365038	50.0000	51
	103	1,3-Dichloropropane	76	7.691	7.691	(0.928)	638167	50.0000	51
	66	1,2-Dibromoethane	107	7.797	7.797	(0.940)	361481	50.0000	50
	65	Butyl Acetate	43	8.021	8.021	(0.967)	1302519	100.000	95
	34	2-Hexanone	43	8.085	8.085	(0.975)	298977	50.0000	52
*	32	Chlorobenzene-d5	117	8.291	8.291	(1.000)	1050918	50.0000	
	39	Chlorobenzene	112	8.309	8.309	(1.002)	1033853	50.0000	49
	40	Ethylbenzene	106	8.356	8.356	(1.008)	531904	50.0000	50
	97	1,1,1,2-Tetrachloroethane	131	8.379	8.379	(1.011)	366445	50.0000	51
	43	m+p-Xylene	106	8.491	8.491	(1.024)	1363325	100.000	100
	44	o-Xylene	106	8.856	8.856	(1.068)	635442	50.0000	47
	31	Bromoform	173	8.909	8.909	(1.074)	250744	50.0000	43
	42	Styrene	104	8.903	8.903	(1.074)	1059869	50.0000	44
	127	Butyl Acrylate	73	9.056	9.056	(1.092)	300801	50.0000	46
	110	Isopropylbenzene	105	9.126	9.126	(1.101)	1699004	50.0000	52
$	41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	358037	50.0000	52
	107	Bromobenzene	156	9.415	9.415	(0.922)	406886	50.0000	50
	112	n-Propylbenzene	91	9.462	9.462	(0.927)	2145045	50.0000	52
	36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	492478	50.0000	50
	105	2-Chlorotoluene	91	9.568	9.568	(0.937)	1241008	50.0000	51
	99	1,2,3-Trichloropropane	110	9.620	9.620	(0.942)	155526	50.0000	50
	102	1,3,5-Trimethylbenzene	105	9.626	9.626	(0.943)	1445793	50.0000	51
	148	trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	140641	50.0000	51
	106	4-Chlorotoluene	91	9.703	9.703	(0.950)	1306692	50.0000	50
	115	tert-Butylbenzene	119	9.868	9.868	(0.967)	1216222	50.0000	52
	100	1,2,4-Trimethylbenzene	105	9.920	9.920	(0.972)	1474406	50.0000	50
	128	Butyl Methacrylate	87	9.879	9.879	(0.968)	530825	50.0000	46
	114	sec-Butylbenzene	105	10.003	10.003	(0.980)	1815392	50.0000	52
	67	1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	786443	50.0000	49
	113	p-Isopropyltoluene	119	10.120	10.120	(0.991)	1545628	50.0000	53
*	91	1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	517092	50.0000	
	68	1,4-Dichlorobenzene	146	10.220	10.220	(1.001)	834676	50.0000	49
	139	Camphor	95	11.867	11.867	(1.162)	221466	250.000	220
	117	Benzyl chloride	91	10.426	10.426	(1.021)	2585133	50.0000	51
	125	2-Octanone	43	10.326	10.326	(1.012)	672199	50.0000	54
	111	n-Butylbenzene	91	10.426	10.426	(1.021)	2585133	50.0000	51
	69	1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	771034	50.0000	50
	101	1,2-Dibromo-3-chloropropane	75	11.120	11.120	(1.089)	95281	50.0000	50
	93	1,2,4-Trichlorobenzene	180	11.620	11.620	(1.138)	503936	50.0000	52
	94	Hexachlorobutadiene	225	11.603	11.603	(1.137)	188555	50.0000	50
	70	Naphthalene	128	11.897	11.897	(1.165)	1276300	50.0000	51
	140	Amyl Acetate	43	9.268	9.268	(1.118)	711245	50.0000	52
	98	1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	425592	50.0000	50
M	14	1,2-Dichloroethene (total)	100				780904	100.000	98

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02319.d
Report Date: 20-Aug-2008 12:54

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
M 45 Xylene (Total)	100				1998767	150.000	160

QC Flag Legend

M - Compound response manually integrated.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02319.d
Date : 14-AUG-2008 05:30
Client ID:
Sample Info: DSTD050
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
/chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02319.d
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
Iodomethane
-Acrolein
-Methylene Chloride
-Acetone+
-MTBE+
-TBA
-Acetonitrile
-DIPE
-Acrylonitrile
-tert-Butyl ethyl ether+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon tetrachloride
-Ethyl Acetate+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether
-cis-1,3-Dichloropropene
-Toluene-d8 (SUR)
Epichlorohydrin
-Toluene
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
m+p-Xylene
-o-Xylene
Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Amyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-trans-1,4-Dichloro-2-bute
-4-Chlorotoluene
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-4-Isopropyltoluene
-2-Octanone
-Benzyl chloride
1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02320.d
Report Date: 20-Aug-2008 13:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02320.d
Lab Smp Id: DSTD100
Inj Date : 14-AUG-2008 05:54
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD100
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/8260H_08.m
Meth Date : 20-Aug-2008 12:02 pritch Quant Type: ISTD
Cal Date : 14-AUG-2008 05:30 Cal File: d02319.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	699512	100.000	120
1 Chloromethane	50	1.409	1.415	(0.285)	977598	100.000	110
4 Vinyl Chloride	62	1.474	1.474	(0.298)	1020558	100.000	110
3 Bromomethane	94	1.704	1.709	(0.345)	600506	100.000	100
5 Chloroethane	64	1.804	1.803	(0.365)	482059	100.000	100
121 n-Pentane	72	1.880	1.886	(0.380)	134167	100.000	94
9 Trichlorofluoromethane	101	1.898	1.897	(0.384)	1358155	100.000	110
54 Hexane	56	2.874	2.874	(0.581)	593921	100.000	95
119 Isoprene	67	2.098	2.103	(0.424)	1050482	100.000	96
46 Ethyl Ether	59	2.121	2.121	(0.429)	627334	100.000	97
10 1,1-Dichloroethene	96	2.251	2.250	(0.455)	796832	100.000	98
8 Carbon Disulfide	76	2.268	2.268	(0.459)	2167140	100.000	99
48 Freon TF	101	2.298	2.303	(0.465)	818508	100.000	97
47 Acrolein	56	2.515	2.515	(0.509)	911965	500.000	510(A)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02320.d
Report Date: 20-Aug-2008 13:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	157 tert-Butyl ethyl ether	59	3.527	3.527	(0.713)	2413481	100.000	100
	6 Methylene Chloride	84	2.686	2.692	(0.543)	813556	100.000	97
	7 Acetone	58	2.745	2.750	(0.555)	83348	100.000	100
	12 trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	808462	100.000	100
	131 Methyl Acetate	74	2.845	2.844	(0.575)	244150	100.000	110
	53 MTBE	73	2.909	2.915	(0.588)	2446476	100.000	100
	51 TBA	59	3.021	3.021	(0.611)	1915636	2000.00	2000
	50 Acetonitrile	41	3.109	3.115	(0.629)	1707915	2000.00	2000
	55 DIPE	45	3.221	3.227	(0.651)	2612996	100.000	100
	147 Iodomethane	142	2.368	2.374	(0.479)	1532443	100.000	95
	11 1,1-Dichloroethane	63	3.303	3.303	(0.668)	1473531	100.000	100
	52 Acrylonitrile	53	3.362	3.362	(0.680)	830627	250.000	250(A)
	57 Vinyl Acetate	43	3.533	3.539	(0.714)	1022473	100.000	90(M)
	13 cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	864041	100.000	100
	104 2,2-Dichloropropane	77	3.850	3.850	(0.779)	790493	100.000	96
	59 Cyclohexane	56	3.915	3.921	(0.792)	1323752	100.000	100
	108 Bromochloromethane	128	3.927	3.933	(0.794)	435573	100.000	100
	15 Chloroform	83	4.009	4.009	(0.811)	1439767	100.000	100
	21 Carbon Tetrachloride	117	4.109	4.109	(0.831)	1040804	100.000	100
	56 Ethyl Acetate	70	4.145	4.144	(0.838)	219544	200.000	220
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.845)	1137202	100.000	99
	92 1,1-Dichloropropene	75	4.292	4.291	(0.868)	1143169	100.000	100
	18 2-Butanone	72	4.303	4.303	(0.870)	157309	100.000	100
	28 Benzene	78	4.527	4.527	(0.916)	3224653	100.000	100
	58 Tetrahydrofuran	42	4.145	4.144	(0.838)	394233	100.000	110
	145 tert-Amylmethyl Ether	73	2.909	2.915	(0.588)	2446476	100.000	100
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	946042	100.000	100
	17 1,2-Dichloroethane	62	4.733	4.733	(0.957)	1213568	100.000	100
*	19 Fluorobenzene	96	4.944	4.944	(1.000)	1465927	50.0000	
	61 Isopropyl Acetate	43	5.039	5.038	(1.019)	3544421	200.000	220
	132 Methyl cyclohexane	83	5.092	5.091	(1.030)	1328043	100.000	100
	25 Trichloroethene	95	5.115	5.115	(1.034)	847469	100.000	98
	62 n-Heptane	43	4.515	4.515	(0.913)	964167	100.000	100
	109 Dibromomethane	93	5.556	5.556	(1.124)	559315	100.000	100
	23 1,2-Dichloropropane	63	5.674	5.674	(1.147)	830803	100.000	100
	22 Bromodichloromethane	83	5.756	5.756	(1.164)	1146010	100.000	100
	126 Ethyl Acrylate	55	5.756	5.756	(1.164)	1190437	100.000	96
	63 n-Butanol	56	5.550	5.556	(1.123)	546909	2500.00	2500
	120 Methyl methacrylate	69	5.986	5.985	(1.211)	657386	100.000	99
	95 1,4-Dioxane	88	5.997	5.997	(1.213)	274172	5000.00	5000
	64 Propyl Acetate	43	6.162	6.162	(1.246)	2737899	200.000	220
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.308)	613719	100.000	100
	24 cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	1425344	100.000	110
$	37 Toluene-d8 (SUR)	98	6.721	6.721	(0.811)	2429471	100.000	110
	38 Toluene	91	6.780	6.779	(0.818)	3438016	100.000	100
	118 Epichlorohydrin	57	6.815	6.815	(1.378)	2108870	2000.00	2200
	35 Tetrachloroethene	166	7.191	7.191	(0.867)	773996	100.000	100

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02320.d
Report Date: 20-Aug-2008 13:00

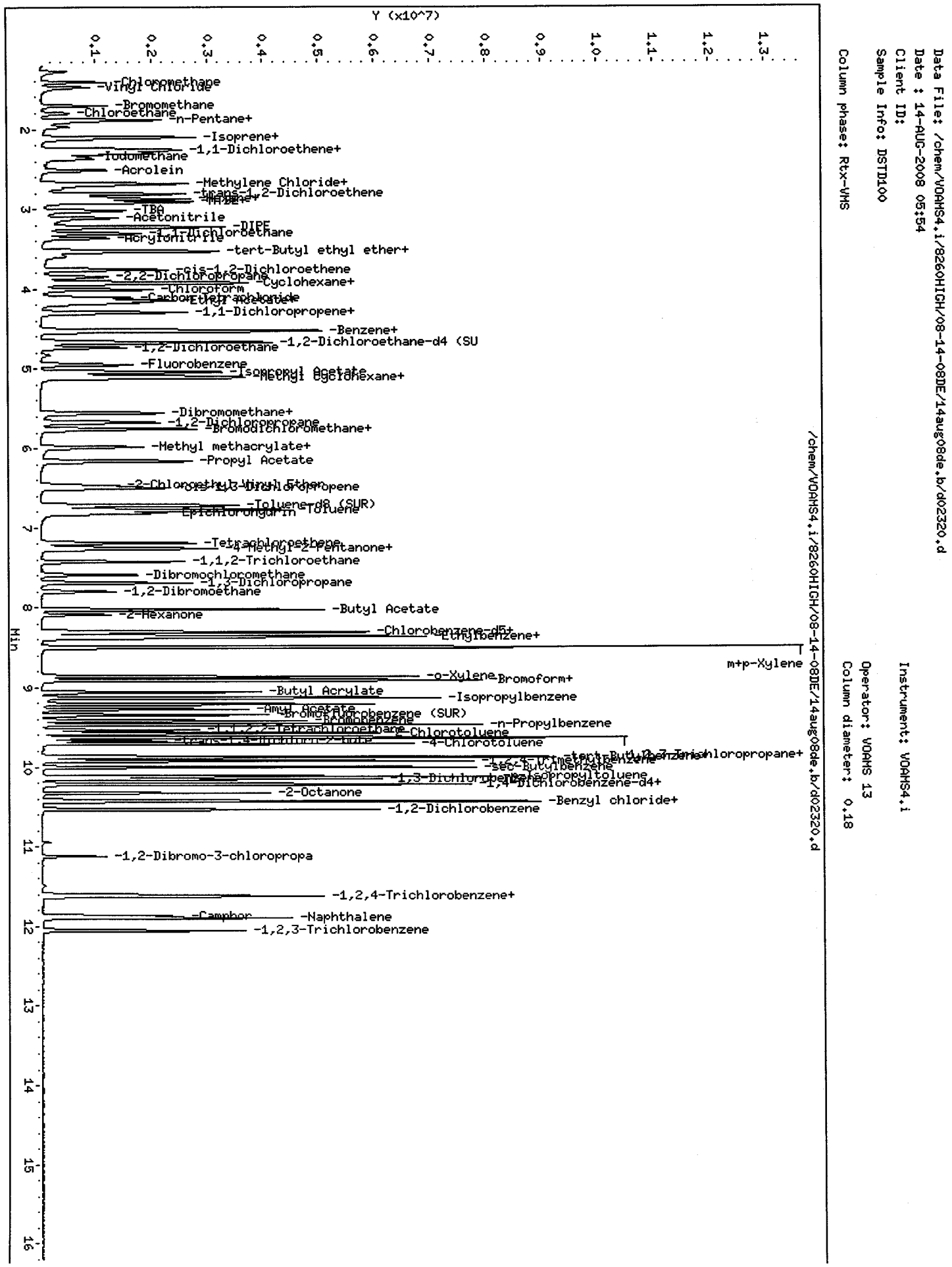
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	33	4-Methyl-2-Pentanone	43	7.244	7.250	(1.465)	947063	100.000	100
	29	trans-1,3-Dichloropropene	75	7.268	7.268	(0.877)	1394275	100.000	110
	27	1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	643343	100.000	100
	26	Dibromochloromethane	129	7.591	7.591	(0.916)	822013	100.000	110
	103	1,3-Dichloropropane	76	7.691	7.691	(0.928)	1382154	100.000	100
	66	1,2-Dibromoethane	107	7.797	7.797	(0.940)	793148	100.000	100
	65	Butyl Acetate	43	8.021	8.021	(0.967)	2997552	200.000	210
	34	2-Hexanone	43	8.085	8.085	(0.975)	706997	100.000	120
*	32	Chlorobenzene-d5	117	8.291	8.291	(1.000)	1116346	50.0000	
	39	Chlorobenzene	112	8.309	8.309	(1.002)	2257671	100.000	100
	40	Ethylbenzene	106	8.356	8.356	(1.008)	1169496	100.000	100
	97	1,1,1,2-Tetrachloroethane	131	8.380	8.379	(1.011)	789308	100.000	100
	43	m+p-Xylene	106	8.491	8.491	(1.024)	3031803	200.000	210
	44	o-Xylene	106	8.856	8.856	(1.068)	1389767	100.000	96
	31	Bromoform	173	8.909	8.909	(1.074)	580364	100.000	93
	42	Styrene	104	8.903	8.903	(1.074)	2395996	100.000	95
	127	Butyl Acrylate	73	9.056	9.056	(1.092)	673626	100.000	97
	110	Isopropylbenzene	105	9.127	9.126	(1.101)	3677297	100.000	100
$	41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	787336	100.000	110
	107	Bromobenzene	156	9.415	9.415	(0.922)	902625	100.000	100
	112	n-Propylbenzene	91	9.462	9.462	(0.927)	4692873	100.000	110
	36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	1052345	100.000	100
	105	2-Chlorotoluene	91	9.574	9.568	(0.938)	2689568	100.000	100
	99	1,2,3-Trichloropropane	110	9.621	9.620	(0.942)	334900	100.000	100
	102	1,3,5-Trimethylbenzene	105	9.627	9.626	(0.943)	3181389	100.000	100
	148	trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.947)	309834	100.000	110
	106	4-Chlorotoluene	91	9.703	9.703	(0.950)	2842966	100.000	100
	115	tert-Butylbenzene	119	9.868	9.868	(0.967)	2680290	100.000	110
	100	1,2,4-Trimethylbenzene	105	9.921	9.920	(0.972)	3233423	100.000	100
	128	Butyl Methacrylate	87	9.879	9.879	(0.968)	1186188	100.000	97
	114	sec-Butylbenzene	105	10.003	10.003	(0.980)	3942661	100.000	100
	67	1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	1738620	100.000	100
	113	p-Isopropyltoluene	119	10.121	10.120	(0.991)	3378334	100.000	110
*	91	1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	550786	50.0000	
	68	1,4-Dichlorobenzene	146	10.221	10.220	(1.001)	1814096	100.000	100
	139	Camphor	95	11.868	11.867	(1.162)	516509	500.000	470
	117	Benzyl chloride	91	10.432	10.426	(1.022)	5754768	100.000	110
	125	2-Octanone	43	10.326	10.326	(1.012)	1461009	100.000	110
	111	n-Butylbenzene	91	10.432	10.426	(1.022)	5754768	100.000	110
	69	1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	1689371	100.000	100
	101	1,2-Dibromo-3-chloropropane	75	11.121	11.120	(1.089)	213797	100.000	110
	93	1,2,4-Trichlorobenzene	180	11.621	11.620	(1.138)	1105972	100.000	110
	94	Hexachlorobutadiene	225	11.603	11.603	(1.137)	402325	100.000	100
	70	Naphthalene	128	11.897	11.897	(1.165)	2857337	100.000	110
	140	Amyl Acetate	43	9.274	9.268	(1.118)	1540258	100.000	110
	98	1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	921714	100.000	100
M	14	1,2-Dichloroethene (total)	100				1672503	200.000	200

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02320.d
Report Date: 20-Aug-2008 13:00

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				4421570	300.000	320

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02320.d
Date : 14-AUG-2008 05:54
Client ID:
Sample Info: DSTD100
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02320.d
Y (x10^7)
Min
Chloromethane
Vinyl chloride
Bromomethane
Chloroethane
n-Pentane+
Isoprene+
1,1-Dichloroethene+
Iodomethane
Acrolein
Methylene Chloride+
trans-1,2-Dichloroethene
MTBE+
TBA
Acetonitrile
DIPE
1,1-Dichloroethane
Acrylonitrile
tert-Butyl ethyl ether+
cis-1,2-Dichloroethene
2,2-Dichloropropane
Cyclohexane+
Chloroform
Carbon tetrachloride
Ethyl acetate
1,1-Dichloropropene+
Benzene+
1,2-Dichloroethane
1,2-Dichloroethane-d4 (SU
Fluorobenzene
Isopropyl Acetate
Methyl Cyclohexane+
Dibromomethane+
1,2-Dichloropropane
Bromodichloromethane+
Methyl methacrylate+
Propyl Acetate
2-Chloroethyl vinyl Ether
cis-1,3-Dichloropropene
Toluene-d8 (SUR)
Epichlorohydrin
Toluene
Tetrachloroethene
4-Methyl-2-Pentanone+
1,1,2-Trichloroethane
Dibromochloromethane
1,3-Dichloropropane
1,2-Dibromoethane
2-Hexanone
Butyl Acetate
Chlorobenzene-d5+
Ethylbenzene+
m+p-Xylene
o-Xylene
Bromoform+
Butyl Acrylate
Isopropylbenzene
Amyl Acetate
Bromofluorobenzene (SUR)
Bromobenzene
n-Propylbenzene
1,1,2,2-Tetrachloroethane
2-Chlorotoluene
trans-1,4-dichloro-2-bute
4-Chlorotoluene
tert-Butylbenzene+
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
p-Isopropyltoluene
1,4-Dichlorobenzene-d4+
2-Octanone
Benzyl chloride+
1,2-Dichlorobenzene
1,2-Dibromo-3-chloropropa
1,2,4-Trichlorobenzene+
Camphor
Naphthalene
1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02321.d
Report Date: 20-Aug-2008 13:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02321.d
Lab Smp Id: DSTD200
Inj Date : 14-AUG-2008 06:18
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD200
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/8260H_08.m
Meth Date : 20-Aug-2008 12:02 pritch Quant Type: ISTD
Cal Date : 14-AUG-2008 05:30 Cal File: d02319.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	1178834	200.000	200
1 Chloromethane	50	1.409	1.415	(0.285)	1784648	200.000	200
4 Vinyl Chloride	62	1.480	1.474	(0.299)	1796768	200.000	180
3 Bromomethane	94	1.703	1.709	(0.344)	1156270	200.000	190
5 Chloroethane	64	1.798	1.803	(0.363)	842100	200.000	180
121 n-Pentane	72	1.880	1.886	(0.380)	255572	200.000	170
9 Trichlorofluoromethane	101	1.898	1.897	(0.383)	2544861	200.000	200(A)
54 Hexane	56	2.874	2.874	(0.581)	1220533	200.000	190
119 Isoprene	67	2.097	2.103	(0.424)	2060153	200.000	180
46 Ethyl Ether	59	2.121	2.121	(0.428)	1204078	200.000	180
10 1,1-Dichloroethene	96	2.256	2.250	(0.456)	1633800	200.000	190
8 Carbon Disulfide	76	2.268	2.268	(0.458)	4369230	200.000	190
48 Freon TF	101	2.297	2.303	(0.464)	1631671	200.000	180
47 Acrolein	56	2.515	2.515	(0.508)	1154203	600.000	620(A)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02321.d
Report Date: 20-Aug-2008 13:07

			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
		==========	====	==	======	======	========	=======	=======
	157	tert-Butyl ethyl ether	59	3.527	3.527	(0.712)	5240176	200.000	220(A)
	6	Methylene Chloride	84	2.692	2.692	(0.544)	1717666	200.000	200
	7	Acetone	58	2.750	2.750	(0.556)	168037	200.000	200
	12	trans-1,2-Dichloroethene	96	2.809	2.809	(0.567)	1727209	200.000	200(A)
	131	Methyl Acetate	74	2.844	2.844	(0.575)	494877	200.000	210(A)
	53	MTBE	73	2.915	2.915	(0.589)	5107259	200.000	210(A)
	51	TBA	59	3.027	3.021	(0.611)	4099414	4000.00	4000(A)
	50	Acetonitrile	41	3.115	3.115	(0.629)	3633124	4000.00	4100(A)
	55	DIPE	45	3.227	3.227	(0.652)	5290153	200.000	200(A)
	147	Iodomethane	142	2.368	2.374	(0.478)	3229925	200.000	190
	11	1,1-Dichloroethane	63	3.303	3.303	(0.667)	3134707	200.000	200(A)
	52	Acrylonitrile	53	3.362	3.362	(0.679)	1074130	300.000	310(A)
	57	Vinyl Acetate	43	3.539	3.539	(0.715)	2067423	200.000	200(AM)
	13	cis-1,2-Dichloroethene	96	3.756	3.756	(0.759)	1857579	200.000	210(A)
	104	2,2-Dichloropropane	77	3.850	3.850	(0.778)	1535466	200.000	180
	59	Cyclohexane	56	3.921	3.921	(0.792)	2763775	200.000	210(A)
	108	Bromochloromethane	128	3.933	3.933	(0.794)	933794	200.000	210(A)
	15	Chloroform	83	4.009	4.009	(0.810)	3055052	200.000	200(A)
	21	Carbon Tetrachloride	117	4.109	4.109	(0.830)	2280111	200.000	210(A)
	56	Ethyl Acetate	70	4.144	4.144	(0.837)	452013	400.000	430(A)
	20	1,1,1-Trichloroethane	97	4.180	4.180	(0.844)	2421048	200.000	200(A)
	92	1,1-Dichloropropene	75	4.291	4.291	(0.867)	2466365	200.000	220(A)
	18	2-Butanone	72	4.303	4.303	(0.869)	333183	200.000	210(A)
	28	Benzene	78	4.533	4.527	(0.916)	7039859	200.000	210(A)
	58	Tetrahydrofuran	42	4.144	4.144	(0.837)	828372	200.000	220(A)
	145	tert-Amylmethyl Ether	73	2.915	2.915	(0.589)	5107259	200.000	210(A)
$	16	1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.943)	2002444	200.000	200(A)
	17	1,2-Dichloroethane	62	4.738	4.733	(0.957)	2538089	200.000	200(A)
*	19	Fluorobenzene	96	4.950	4.944	(1.000)	1531560	50.0000	
	61	Isopropyl Acetate	43	5.038	5.038	(1.018)	7388269	400.000	440(A)
	132	Methyl cyclohexane	83	5.091	5.091	(1.029)	2816640	200.000	210(A)
	25	Trichloroethene	95	5.115	5.115	(1.033)	1851490	200.000	200(A)
	62	n-Heptane	43	4.515	4.515	(0.912)	2016235	200.000	210(A)
	109	Dibromomethane	93	5.556	5.556	(1.122)	1183998	200.000	210(A)
	23	1,2-Dichloropropane	63	5.674	5.674	(1.146)	1778808	200.000	210(A)
	22	Bromodichloromethane	83	5.762	5.756	(1.164)	2473939	200.000	210(A)
	126	Ethyl Acrylate	55	5.756	5.756	(1.163)	2631112	200.000	200(A)
	63	n-Butanol	56	5.556	5.556	(1.122)	760677	3000.00	3000
	120	Methyl methacrylate	69	5.985	5.985	(1.209)	1393860	200.000	200(A)
	95	1,4-Dioxane	88	5.997	5.997	(1.212)	400443	6000.00	6900(A)
	64	Propyl Acetate	43	6.162	6.162	(1.245)	5701284	400.000	450(A)
	30	2-Chloroethyl Vinyl Ether	63	6.468	6.468	(1.307)	1294630	200.000	200(A)
	24	cis-1,3-Dichloropropene	75	6.503	6.497	(1.314)	3062148	200.000	220(A)
$	37	Toluene-d8 (SUR)	98	6.721	6.721	(0.802)	5444058	200.000	230(A)
	38	Toluene	91	6.780	6.779	(0.809)	7557705	200.000	210(A)
	118	Epichlorohydrin	57	6.821	6.815	(1.378)	4333481	4000.00	4400(A)
	35	Tetrachloroethene	166	7.191	7.191	(0.858)	1729850	200.000	210(A)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02321.d
Report Date: 20-Aug-2008 13:07

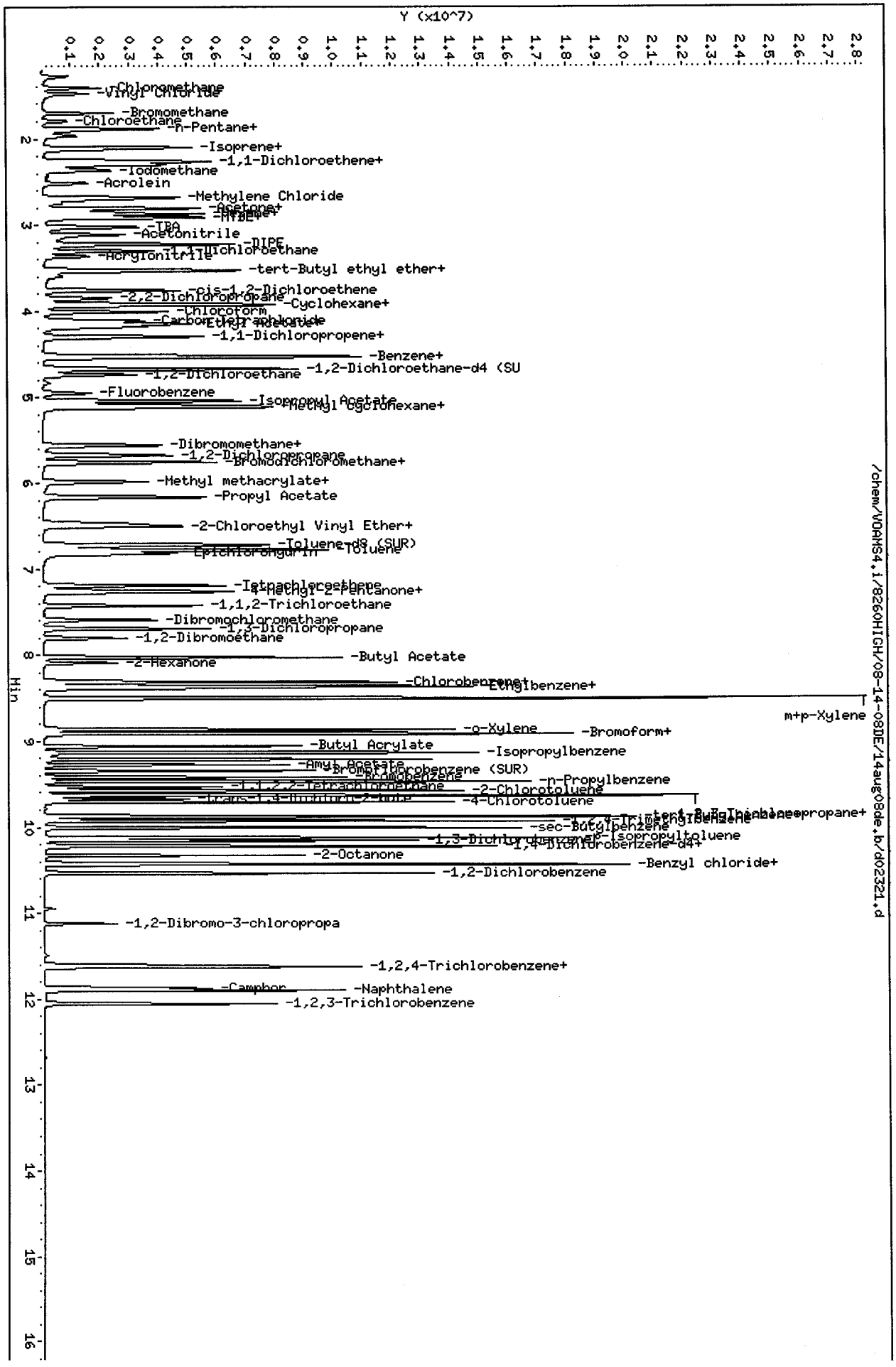
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	33 4-Methyl-2-Pentanone	43	7.250	7.250	(1.465)	1977209	200.000	200(A)
	29 trans-1,3-Dichloropropene	75	7.268	7.268	(0.867)	3032250	200.000	220(A)
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.886)	1379871	200.000	200(A)
	26 Dibromochloromethane	129	7.591	7.591	(0.906)	1821015	200.000	220(A)
	103 1,3-Dichloropropane	76	7.691	7.691	(0.918)	2990252	200.000	210(A)
	66 1,2-Dibromoethane	107	7.803	7.797	(0.931)	1743117	200.000	210(A)
	65 Butyl Acetate	43	8.027	8.021	(0.958)	6184127	400.000	400
	34 2-Hexanone	43	8.085	8.085	(0.965)	1457378	200.000	220(A)
*	32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	1195575	50.0000	(H)
	39 Chlorobenzene	112	8.309	8.309	(0.992)	5038728	200.000	210(A)
	40 Ethylbenzene	106	8.356	8.356	(0.997)	2635456	200.000	220(A)
	97 1,1,1,2-Tetrachloroethane	131	8.379	8.379	(1.000)	1746930	200.000	210(A)
	43 m+p-Xylene	106	8.497	8.491	(1.014)	6898762	400.000	460(A)
	44 o-Xylene	106	8.862	8.856	(1.058)	3124013	200.000	200(A)
	31 Bromoform	173	8.909	8.909	(1.063)	1373693	200.000	200(A)
	42 Styrene	104	8.909	8.903	(1.063)	5520346	200.000	200(A)
	127 Butyl Acrylate	73	9.056	9.056	(1.081)	1509816	200.000	200(A)
	110 Isopropylbenzene	105	9.132	9.126	(1.090)	8371281	200.000	220(A)
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	1802765	200.000	220(A)
	107 Bromobenzene	156	9.415	9.415	(0.922)	2031006	200.000	210(A)
	112 n-Propylbenzene	91	9.468	9.462	(0.927)	10291644	200.000	210(A)
	36 1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.933)	2275171	200.000	200
	105 2-Chlorotoluene	91	9.573	9.568	(0.937)	6039682	200.000	210(A)
	99 1,2,3-Trichloropropane	110	9.626	9.620	(0.942)	738422	200.000	200(A)
	102 1,3,5-Trimethylbenzene	105	9.632	9.626	(0.943)	7256553	200.000	220(A)
	148 trans-1,4-Dichloro-2-butene	53	9.668	9.668	(0.946)	690722	200.000	220(A)
	106 4-Chlorotoluene	91	9.709	9.703	(0.950)	6399106	200.000	210(A)
	115 tert-Butylbenzene	119	9.868	9.868	(0.966)	6137112	200.000	230(A)
	100 1,2,4-Trimethylbenzene	105	9.926	9.920	(0.972)	7305268	200.000	210(A)
	128 Butyl Methacrylate	87	9.879	9.879	(0.967)	2703592	200.000	200(A)
	114 sec-Butylbenzene	105	10.003	10.003	(0.979)	8920391	200.000	220(A)
	67 1,3-Dichlorobenzene	146	10.156	10.150	(0.994)	3952437	200.000	210(A)
	113 p-Isopropyltoluene	119	10.120	10.120	(0.991)	7701253	200.000	220(A)
*	91 1,4-Dichlorobenzene-d4	152	10.215	10.209	(1.000)	602548	50.0000	
	68 1,4-Dichlorobenzene	146	10.220	10.220	(1.001)	4120932	200.000	210(A)
	139 Camphor	95	11.867	11.867	(1.162)	1224473	1000.00	1000(A)
	117 Benzyl chloride	91	10.432	10.426	(1.021)	12241665	200.000	210(A)
	125 2-Octanone	43	10.326	10.326	(1.011)	3240602	200.000	220(A)
	111 n-Butylbenzene	91	10.432	10.426	(1.021)	12241665	200.000	210(A)
	69 1,2-Dichlorobenzene	146	10.532	10.532	(1.031)	3809903	200.000	210(A)
	101 1,2-Dibromo-3-chloropropane	75	11.120	11.120	(1.089)	462333	200.000	210(A)
	93 1,2,4-Trichlorobenzene	180	11.626	11.620	(1.138)	2551585	200.000	220(A)
	94 Hexachlorobutadiene	225	11.603	11.603	(1.136)	891337	200.000	200(A)
	70 Naphthalene	128	11.897	11.897	(1.165)	6480692	200.000	220(A)
	140 Amyl Acetate	43	9.273	9.268	(1.107)	3416336	200.000	220
	98 1,2,3-Trichlorobenzene	180	12.056	12.050	(1.180)	2102042	200.000	210(A)
M	14 1,2-Dichloroethene (total)	100				3584788	400.000	410(A)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02321.d
Report Date: 20-Aug-2008 13:07

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 45 Xylene (Total)	100				10022775	600.000	690(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02321.d
Date : 14-AUG-2008 06:18
Client ID:
Sample Info: DSTD200
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b/d02321.d
Y (x10^7)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Iodomethane
-Acrolein
-Methylene Chloride
-Acetone+
-MTBE+
-IBA
-Acetonitrile
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon tetrachloride
-Ethyl acetate+
-1,1,1-Trichloropropene+
-Benzene+
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene
-Epichlorohydrin
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene+
-Ethylbenzene+
m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Amyl Acetate
-4-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-trans-1,4-Dichloro-2-butene
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-1,2,3-Trichloropropane+
-sec-Butylbenzene
-1,3-Dichlorobenzene
-p-Isopropyltoluene
-1,4-Dichlorobenzene-d4+
-2-Octanone
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/15/08 Time: 0356

Lab File ID: D02369 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.2940000	0.2772667	0.2772667	0.1	5.69	50.00	AVRG
Bromomethane	0.1990000	0.1873586	0.1873586		5.85	50.00	AVRG
Vinyl Chloride	0.3160000	0.3043850	0.3043850		3.68	20.00	AVRG
Chloroethane	0.1550000	0.1607458	0.1607458		-3.71	50.00	AVRG
Methylene Chloride	0.2870000	0.2843666	0.2843666		0.92	50.00	AVRG
Acetone	49.440423	50.000000	0.0275854		1.12	50.00	LINR
Carbon Disulfide	0.7450000	0.7350517	0.7350517		1.34	50.00	AVRG
Trichlorofluoromethane	0.4110000	0.4069057	0.4069057		1.00	50.00	AVRG
1,1-Dichloroethene	0.2780000	0.2820036	0.2820036		-1.44	20.00	AVRG
1,1-Dichloroethane	0.5040000	0.5026201	0.5026201	0.1	0.27	50.00	AVRG
trans-1,2-Dichloroethene	0.2760000	0.2762110	0.2762110		-0.08	50.00	AVRG
cis-1,2-Dichloroethene	0.2930000	0.2951664	0.2951664		-0.74	50.00	AVRG
Chloroform	0.4910000	0.4909576	0.4909576		0.01	20.00	AVRG
1,2-Dichloroethane	0.4130000	0.4049020	0.4049020		1.96	50.00	AVRG
2-Butanone	0.0510000	0.0473572	0.0473572		7.14	50.00	AVRG
1,1,1-Trichloroethane	0.3920000	0.3856617	0.3856617		1.62	50.00	AVRG
Carbon Tetrachloride	0.3500000	0.3487790	0.3487790		0.35	50.00	AVRG
Bromodichloromethane	0.3780000	0.3742349	0.3742349		1.00	50.00	AVRG
1,2-Dichloropropane	0.2800000	0.2732876	0.2732876		2.40	20.00	AVRG
cis-1,3-Dichloropropene	0.4490000	0.4606643	0.4606643		-2.60	50.00	AVRG
Trichloroethene	0.2960000	0.2812248	0.2812248		4.99	50.00	AVRG
Dibromochloromethane	0.3400000	0.3410498	0.3410498		-0.31	50.00	AVRG
1,1,2-Trichloroethane	0.2870000	0.2705148	0.2705148		5.74	50.00	AVRG
Benzene	1.1010000	1.0818595	1.0818595		1.74	50.00	AVRG
trans-1,3-Dichloropropene	0.5860000	0.5925917	0.5925917		-1.12	50.00	AVRG
2-Chloroethyl Vinyl Ether	40.277953	50.000000	0.1688637		19.44	50.00	LINR
Bromoform	40.997557	50.000000	0.2295558	0.1	18.00	50.00	LINR
4-Methyl-2-Pentanone	39.458582	50.000000	0.2532453		21.08	50.00	LINR
2-Hexanone	0.2750000	0.2392615	0.2392615		13.00	50.00	AVRG
Tetrachloroethene	0.3400000	0.3350822	0.3350822		1.45	50.00	AVRG
1,1,2,2-Tetrachloroethane	0.9520000	0.9066537	0.9066537	0.3	4.76	50.00	AVRG
Toluene	1.4980000	1.5055870	1.5055870		-0.51	20.00	AVRG
Chlorobenzene	1.0000000	0.9827064	0.9827064	0.3	1.73	50.00	AVRG
Ethylbenzene	0.5020000	0.5029514	0.5029514		-0.19	20.00	AVRG
Styrene	43.294794	50.000000	0.9800570		13.41	50.00	LINR
Xylene (Total)	0.6080000	0.6225313	0.6225313		-2.39	50.00	AVRG
Ethyl Ether	0.2210000	0.2220605	0.2220605		-0.48	50.00	AVRG
Acrolein	0.0610000	0.0549030	0.0549030		10.0	99.00	AVRG
Freon TF	0.2870000	0.2834786	0.2834786		1.23	50.00	AVRG
Isopropanol	0.0000000				0.00	50.00	AVRG
Acetonitrile	0.0290000	0.0272857	0.0272857		5.91	50.00	AVRG
TBA	751.25281	1000.0000	0.0247908		24.87	50.00	LINR

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/15/08 Time: 0356

Lab File ID: D02369 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acrylonitrile	0.1120000	0.1080694	0.1080694		3.51	50.00	AVRG
MTBE	0.8040000	0.7848145	0.7848145		2.39	50.00	AVRG
Hexane	0.2130000	0.2273136	0.2273136		-6.72	50.00	AVRG
DIPE	0.8630000	0.8353417	0.8353417		3.20	50.00	AVRG
Ethyl Acetate	0.0340000	0.0322185	0.0322185		5.24	50.00	AVRG
Vinyl Acetate	0.3360000	0.5410314	0.5410314		-61.02	50.00	AVRG
Tetrahydrofuran	0.1250000	0.1138267	0.1138267		8.94	50.00	AVRG
Cyclohexane	0.4360000	0.4321360	0.4321360		0.89	50.00	AVRG
Isobutanol	0.0000000				0.00	50.00	AVRG
Isopropyl Acetate	0.5440000	0.5007260	0.5007260		7.95	50.00	AVRG
n-Heptane	0.3140000	0.3005816	0.3005816		4.27	50.00	AVRG
n-Butanol	1695.3737	2000.0000	0.0057395		15.23	50.00	2RDR
Propyl Acetate	0.4160000	0.3597235	0.3597235		13.53	50.00	AVRG
Butyl Acetate	81.540585	100.00000	0.5295530		18.46	50.00	LINR
1,2-Dibromoethane	0.3410000	0.3315982	0.3315982		2.76	50.00	AVRG
1,3-Dichlorobenzene	1.5500000	1.5260349	1.5260349		1.55	50.00	AVRG
1,4-Dichlorobenzene	1.6400000	1.5910284	1.5910284		2.99	50.00	AVRG
1,2-Dichlorobenzene	1.5050000	1.4814831	1.4814831		1.56	50.00	AVRG
Naphthalene	2.4120000	2.0997739	2.0997739		12.94	50.00	AVRG
Methylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dimethylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dichlorodifluoromethane	0.1950000	0.2033878	0.2033878		-4.30	50.00	AVRG
1,1-Dichloropropene	0.3710000	0.3818424	0.3818424		-2.92	50.00	AVRG
1,2,4-Trichlorobenzene	0.9450000	0.9127004	0.9127004		3.42	50.00	AVRG
Hexachlorobutadiene	0.3630000	0.3488134	0.3488134		3.91	50.00	AVRG
1,4-Dioxane	0.0020000	0.0013735	0.0013735		31.32	50.00	AVRG
Methyl Acrylate	0.0000000				0.00	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3430000	0.3506672	0.3506672		-2.24	50.00	AVRG
1,2,3-Trichlorobenzene	0.8210000	0.6898630	0.6898630		15.97	50.00	AVRG
1,2,3-Trichloropropane	0.3020000	0.2798231	0.2798231		7.34	50.00	AVRG
1,2,4-Trimethylbenzene	2.8200000	2.8216075	2.8216075		-0.06	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.1820000	0.1660049	0.1660049		8.79	50.00	AVRG
1,3,5-Trimethylbenzene	2.7250000	2.7410721	2.7410721		-0.59	50.00	AVRG
1,3-Dichloropropane	0.5920000	0.5802318	0.5802318		1.99	50.00	AVRG
2,2-Dichloropropane	0.2820000	0.2895228	0.2895228		-2.67	50.00	AVRG
2-Chlorotoluene	2.3560000	2.3811953	2.3811953		-1.07	50.00	AVRG
4-Chlorotoluene	2.5020000	2.5117728	2.5117728		-0.39	50.00	AVRG
Bromobenzene	0.7910000	0.7877664	0.7877664		0.41	50.00	AVRG
Bromochloromethane	0.1450000	0.1476060	0.1476060		-1.80	50.00	AVRG
Dibromomethane	0.1860000	0.1812030	0.1812030		2.58	50.00	AVRG
Isopropylbenzene	1.5560000	1.5665537	1.5665537		-0.68	50.00	AVRG
n-Butylbenzene	4.8780000	4.8441212	4.8441212		0.69	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/15/08 Time: 0356

Lab File ID: D02369 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
n-Propylbenzene	3.9990000	4.0355483	4.0355483		-0.91	50.00	AVRG
p-Isopropyltoluene	2.8350000	2.8938328	2.8938328		-2.08	50.00	AVRG
sec-Butylbenzene	3.4000000	3.3575226	3.3575226		1.25	50.00	AVRG
tert-Butylbenzene	2.2500000	2.3153412	2.3153412		-2.90	50.00	AVRG
Allyl chloride	0.0000000				0.00	50.00	AVRG
Benzyl chloride	4.8780000	4.8441212	4.8441212		0.69	50.00	AVRG
Epichlorohydrin	0.0320000	0.0279673	0.0279673		12.60	50.00	AVRG
Isoprene	0.3720000	0.3699622	0.3699622		0.55	50.00	AVRG
Methyl methacrylate	39.335199	50.000000	0.1774770		21.33	50.00	LINR
n-Pentane	0.0490000	0.0494180	0.0494180		-0.85	50.00	AVRG
Allyl alcohol	0.0000000				0.00	50.00	AVRG
2-Octanol	0.0000000				0.00	50.00	AVRG
2-Octanone	1.1960000	1.1548408	1.1548408		3.44	50.00	AVRG
Ethyl Acrylate	37.643648	50.000000	0.3181162		24.71	50.00	LINR
Butyl Acrylate	41.423675	50.000000	0.2579666		17.15	50.00	LINR
Butyl Methacrylate	44.934516	50.000000	0.9954932		10.13	50.00	LINR
Ethyl methacrylate	0.0000000	50.000000	0.5915481		0.00	50.00	LINR
Ethanol	0.0000000				0.00	50.00	AVRG
Methyl Acetate	0.0760000	0.0743684	0.0743684		2.15	50.00	AVRG
Methyl cyclohexane	0.4330000	0.4297506	0.4297506		0.75	50.00	AVRG
Cyclohexanone	0.0000000				0.00	50.00	AVRG
p-Ethyltoluene	0.0000000				0.00	50.00	AVRG
1,4-Diethylbenzene	0.0000000				0.00	50.00	AVRG
1,2,4,5-Tetramethylbenzene	0.0000000				0.00	50.00	AVRG
Propylene Oxide	0.0000000				0.00	50.00	AVRG
Camphene (total)	0.0000000				0.00	50.00	AVRG
Camphor	164.49168	250.00000	0.0653631		34.20	50.00	LINR
Amyl Acetate	0.6450000	0.6088976	0.6088976		5.60	50.00	AVRG
2-Methylnaphthalene	0.0000000				0.00	50.00	AVRG
1-Chlorohexane	0.0000000				0.00	50.00	AVRG
Chlorotrifluoromethane	0.0000000				0.00	50.00	AVRG
Chlorodifluoromethane	0.0000000				0.00	50.00	AVRG
tert-Amylmethyl Ether	0.8040000	0.7848145	0.7848145		2.39	50.00	AVRG
Iodomethane	0.5490000	0.5276906	0.5276906		3.88	50.00	AVRG
trans-1,4-Dichloro-2-butene	0.2650000	0.2525366	0.2525366		4.70	50.00	AVRG
Acetaldehyde	0.0000000				0.00	50.00	AVRG
1,3,5-Trichlorobenzene	0.0000000				0.00	50.00	AVRG
1,2-Dichlorotrifluoroethane	0.0000000				0.00	50.00	AVRG
1-Bromo-2-chloroethane	0.0000000				0.00	50.00	AVRG
4-Chlorobenzotrifluoride	0.0000000				0.00	50.00	AVRG
2-Chloropropene	0.0000000				0.00	50.00	AVRG
tert-Butyl ethyl ether	0.7880000	0.7846251	0.7846251	0.01	0.43	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/15/08 Time: 0356

Lab File ID: D02369 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,3-Butadiene	0.0000000			0.01	0.00	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.3190000	0.2875141	0.2875141		9.87	50.00	AVRG
Toluene-d8 (SUR)	0.9880000	1.0846840	1.0846840		-9.78	50.00	AVRG
Bromofluorobenzene (SUR)	0.6700000	0.8104514	0.8104514		-20.96	50.00	AVRG

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02369.d
Report Date: 19-Aug-2008 11:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02369.d
Lab Smp Id: DSTD228
Inj Date : 15-AUG-2008 03:56
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DSTD228
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90	Dichlorodifluoromethane	85	1.274	1.274	(0.258)	281281	50.0000	52
1	Chloromethane	50	1.404	1.404	(0.285)	383454	50.0000	47
4	Vinyl Chloride	62	1.468	1.468	(0.298)	420958	50.0000	48
3	Bromomethane	94	1.698	1.698	(0.344)	259113	50.0000	47
5	Chloroethane	64	1.798	1.798	(0.364)	222308	50.0000	52
121	n-Pentane	72	1.880	1.880	(0.381)	68344	50.0000	51
9	Trichlorofluoromethane	101	1.886	1.886	(0.382)	562742	50.0000	49
54	Hexane	56	2.862	2.862	(0.580)	314370	50.0000	53
119	Isoprene	67	2.092	2.092	(0.424)	511650	50.0000	50
46	Ethyl Ether	59	2.109	2.109	(0.428)	307105	50.0000	50
10	1,1-Dichloroethene	96	2.245	2.245	(0.455)	390005	50.0000	51
8	Carbon Disulfide	76	2.256	2.256	(0.457)	1016561	50.0000	49
48	Freon TF	101	2.292	2.292	(0.465)	392045	50.0000	49
47	Acrolein	56	2.503	2.503	(0.508)	607438	400.000	360
157	tert-Butyl ethyl ether	59	3.515	3.515	(0.713)	1085120	50.0000	50

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02369.d
Report Date: 19-Aug-2008 11:40

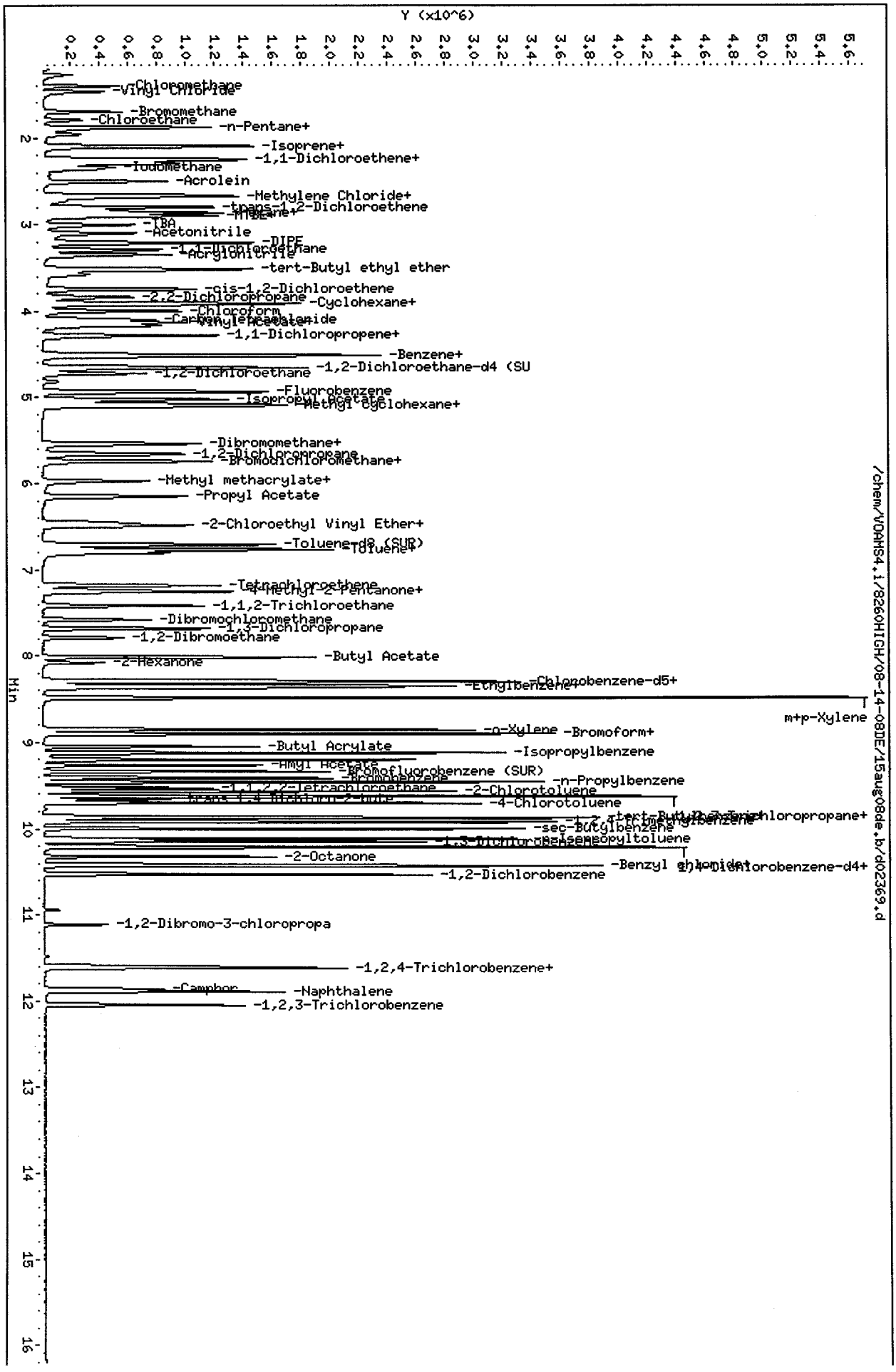
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	6 Methylene Chloride	84	2.680	2.680	(0.543)	393273	50.0000	50
	7 Acetone	58	2.733	2.733	(0.554)	38150	50.0000	49
	12 trans-1,2-Dichloroethene	96	2.803	2.803	(0.568)	381994	50.0000	50
	131 Methyl Acetate	74	2.833	2.833	(0.574)	102850	50.0000	49
	53 MTBE	73	2.903	2.903	(0.589)	1085382	50.0000	49
	51 TBA	59	3.003	3.003	(0.609)	685703	1000.00	750
	50 Acetonitrile	41	3.098	3.098	(0.628)	754712	1000.00	940
	55 DIPE	45	3.209	3.209	(0.651)	1155260	50.0000	48
	147 Iodomethane	142	2.345	2.345	(0.475)	729785	50.0000	48
	11 1,1-Dichloroethane	63	3.292	3.292	(0.667)	695113	50.0000	50
	52 Acrylonitrile	53	3.350	3.350	(0.679)	597831	200.000	190
	57 Vinyl Acetate	43	4.133	4.133	(0.838)	748235	50.0000	44
	13 cis-1,2-Dichloroethene	96	3.745	3.745	(0.759)	408209	50.0000	50
	104 2,2-Dichloropropane	77	3.839	3.839	(0.778)	400404	50.0000	51
	59 Cyclohexane	56	3.909	3.909	(0.792)	597635	50.0000	50
	108 Bromochloromethane	128	3.921	3.921	(0.795)	204136	50.0000	51
	15 Chloroform	83	3.997	3.997	(0.810)	678984	50.0000	50
	21 Carbon Tetrachloride	117	4.097	4.097	(0.831)	482354	50.0000	50
	56 Ethyl Acetate	70	4.133	4.133	(0.838)	89115	100.000	94
	20 1,1,1-Trichloroethane	97	4.168	4.168	(0.845)	533362	50.0000	49
	92 1,1-Dichloropropene	75	4.280	4.280	(0.868)	528080	50.0000	51
	18 2-Butanone	72	4.292	4.292	(0.870)	65494	50.0000	46
	28 Benzene	78	4.515	4.515	(0.915)	1496189	50.0000	49
	58 Tetrahydrofuran	42	4.133	4.133	(0.838)	157420	50.0000	46
	145 tert-Amylmethyl Ether	73	2.903	2.903	(0.589)	1085382	50.0000	49
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	397626	50.0000	45
	17 1,2-Dichloroethane	62	4.721	4.721	(0.957)	559971	50.0000	49
*	19 Fluorobenzene	96	4.933	4.933	(1.000)	1382979	50.0000	
	61 Isopropyl Acetate	43	5.021	5.021	(1.018)	1384987	100.000	92
	132 Methyl cyclohexane	83	5.080	5.080	(1.030)	594336	50.0000	50
	25 Trichloroethene	95	5.103	5.103	(1.035)	388928	50.0000	48
	62 n-Heptane	43	4.503	4.503	(0.913)	415698	50.0000	48
	109 Dibromomethane	93	5.544	5.544	(1.124)	250600	50.0000	48
	23 1,2-Dichloropropane	63	5.662	5.662	(1.148)	377951	50.0000	49
	22 Bromodichloromethane	83	5.744	5.744	(1.165)	517559	50.0000	49
	126 Ethyl Acrylate	55	5.744	5.744	(1.165)	439948	50.0000	38
	63 n-Butanol	56	5.539	5.539	(1.123)	317504	2000.00	1700
	120 Methyl methacrylate	69	5.968	5.968	(1.210)	245447	50.0000	39
	95 1,4-Dioxane	88	5.986	5.986	(1.213)	151965	4000.00	2900
	64 Propyl Acetate	43	6.150	6.150	(1.247)	994980	100.000	86
	30 2-Chloroethyl Vinyl Ether	63	6.456	6.456	(1.309)	233535	50.0000	40
	24 cis-1,3-Dichloropropene	75	6.486	6.486	(1.315)	637089	50.0000	51
$	37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	1105844	50.0000	55
	38 Toluene	91	6.768	6.768	(0.817)	1534958	50.0000	50
	118 Epichlorohydrin	57	6.803	6.803	(1.379)	773564	1000.00	860
	35 Tetrachloroethene	166	7.180	7.180	(0.867)	341619	50.0000	49
	33 4-Methyl-2-Pentanone	43	7.238	7.238	(1.467)	350233	50.0000	39

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02369.d
Report Date: 19-Aug-2008 11:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	29 trans-1,3-Dichloropropene	75	7.256	7.256	(0.876)	604152	50.0000	51
	27 1,1,2-Trichloroethane	83	7.415	7.415	(0.895)	275792	50.0000	47
	26 Dibromochloromethane	129	7.580	7.580	(0.915)	347703	50.0000	50
	103 1,3-Dichloropropane	76	7.680	7.680	(0.927)	591551	50.0000	49
	66 1,2-Dibromoethane	107	7.791	7.791	(0.940)	338067	50.0000	49
	65 Butyl Acetate	43	8.015	8.015	(0.967)	1079767	100.000	83
	34 2-Hexanone	43	8.080	8.080	(0.975)	243929	50.0000	44
*	32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	1019508	50.0000	
	39 Chlorobenzene	112	8.297	8.297	(1.001)	1001877	50.0000	49
	40 Ethylbenzene	106	8.344	8.344	(1.007)	512763	50.0000	50
	97 1,1,1,2-Tetrachloroethane	131	8.368	8.368	(1.010)	357508	50.0000	51
	43 m+p-Xylene	106	8.485	8.485	(1.024)	1297183	100.000	100
	44 o-Xylene	106	8.850	8.850	(1.068)	606844	50.0000	47
	31 Bromoform	173	8.897	8.897	(1.074)	234034	50.0000	49
	42 Styrene	104	8.897	8.897	(1.074)	999176	50.0000	44
	127 Butyl Acrylate	73	9.050	9.050	(1.092)	262999	50.0000	42
	110 Isopropylbenzene	105	9.121	9.121	(1.101)	1597114	50.0000	50
$	41 Bromofluorobenzene (SUR)	174	9.338	9.338	(0.915)	402099	50.0000	60
	107 Bromobenzene	156	9.409	9.409	(0.922)	390844	50.0000	50
	112 n-Propylbenzene	91	9.456	9.456	(0.927)	2002205	50.0000	50
	36 1,1,2,2-Tetrachloroethane	83	9.527	9.527	(0.934)	449829	50.0000	48
	105 2-Chlorotoluene	91	9.562	9.562	(0.937)	1181411	50.0000	50
	99 1,2,3-Trichloropropane	110	9.615	9.615	(0.942)	138832	50.0000	46
	102 1,3,5-Trimethylbenzene	105	9.621	9.621	(0.943)	1359961	50.0000	50
	148 trans-1,4-Dichloro-2-butene	53	9.662	9.662	(0.947)	125294	50.0000	48
	106 4-Chlorotoluene	91	9.697	9.697	(0.950)	1246196	50.0000	50
	115 tert-Butylbenzene	119	9.862	9.862	(0.967)	1148738	50.0000	51
	100 1,2,4-Trimethylbenzene	105	9.915	9.915	(0.972)	1399918	50.0000	50
	129 Ethyl methacrylate	69	9.874	9.874	(1.192)	603088	50.0000	45
	128 Butyl Methacrylate	87	9.874	9.874	(0.968)	493906	50.0000	45
	114 sec-Butylbenzene	105	9.997	9.997	(0.980)	1665808	50.0000	49
	67 1,3-Dichlorobenzene	146	10.144	10.144	(0.994)	757130	50.0000	49
	113 p-Isopropyltoluene	119	10.115	10.115	(0.991)	1435752	50.0000	51
*	91 1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	496142	50.0000	
	68 1,4-Dichlorobenzene	146	10.215	10.215	(1.001)	789376	50.0000	48
	139 Camphor	95	11.862	11.862	(1.163)	162147	250.000	160
	117 Benzyl chloride	91	10.426	10.426	(1.022)	2403372	50.0000	50
	125 2-Octanone	43	10.321	10.321	(1.012)	572965	50.0000	48
	111 n-Butylbenzene	91	10.426	10.426	(1.022)	2403372	50.0000	50
	69 1,2-Dichlorobenzene	146	10.526	10.526	(1.032)	735026	50.0000	49
	101 1,2-Dibromo-3-chloropropane	75	11.115	11.115	(1.089)	82362	50.0000	45
	93 1,2,4-Trichlorobenzene	180	11.615	11.615	(1.138)	452829	50.0000	48
	94 Hexachlorobutadiene	225	11.597	11.597	(1.137)	173061	50.0000	48
	70 Naphthalene	128	11.885	11.885	(1.165)	1041786	50.0000	44
	140 Amyl Acetate	43	9.262	9.262	(1.118)	620776	50.0000	47
	98 1,2,3-Trichlorobenzene	180	12.044	12.044	(1.180)	342270	50.0000	42
M	14 1,2-Dichloroethene (total)	100				790203	100.000	100

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02369.d
Report Date: 19-Aug-2008 11:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
M 45 Xylene (Total)	100				1904028	150.000	150


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02369.d
Date : 15-AUG-2008 03:56
Client ID:
Sample Info: DSTD228
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02369.d
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Iodomethane
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-MTBE+
-TBA
-Acetonitrile
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon tetrachloride
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene
m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Amyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-trans-1,4-dichloro-2-bute
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-4-Isopropyltoluene
-2-Octanone
-Benzyl chloride
-1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/15/08 Time: 2024

Lab File ID: D02405 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.2940000	0.2603766	0.2603766	0.1	11.44	50.00	AVRG
Bromomethane	0.1990000	0.2062840	0.2062840		-3.66	50.00	AVRG
Vinyl Chloride	0.3160000	0.2956125	0.2956125		6.45	20.00	AVRG
Chloroethane	0.1550000	0.1798361	0.1798361		-16.02	50.00	AVRG
Methylene Chloride	0.2870000	0.2612886	0.2612886		8.96	50.00	AVRG
Acetone	43.028824	50.000000	0.0240080		13.94	50.00	LINR
Carbon Disulfide	0.7450000	0.8085889	0.8085889		-8.54	50.00	AVRG
Trichlorofluoromethane	0.4110000	0.4331024	0.4331024		-5.38	50.00	AVRG
1,1-Dichloroethene	0.2780000	0.2909958	0.2909958		-4.67	20.00	AVRG
1,1-Dichloroethane	0.5040000	0.4941482	0.4941482	0.1	1.95	50.00	AVRG
trans-1,2-Dichloroethene	0.2760000	0.2444565	0.2444565		11.43	50.00	AVRG
cis-1,2-Dichloroethene	0.2930000	0.2885013	0.2885013		1.54	50.00	AVRG
Chloroform	0.4910000	0.4965864	0.4965864		-1.14	20.00	AVRG
1,2-Dichloroethane	0.4130000	0.4302843	0.4302843		-4.18	50.00	AVRG
2-Butanone	0.0510000	0.0472268	0.0472268		7.40	50.00	AVRG
1,1,1-Trichloroethane	0.3920000	0.3977892	0.3977892		-1.48	50.00	AVRG
Carbon Tetrachloride	0.3500000	0.3486360	0.3486360		0.39	50.00	AVRG
Bromodichloromethane	0.3780000	0.3894375	0.3894375		-3.02	50.00	AVRG
1,2-Dichloropropane	0.2800000	0.2721483	0.2721483		2.80	20.00	AVRG
cis-1,3-Dichloropropene	0.4490000	0.4554017	0.4554017		-1.42	50.00	AVRG
Trichloroethene	0.2960000	0.2759178	0.2759178		6.78	50.00	AVRG
Dibromochloromethane	0.3400000	0.3423418	0.3423418		-0.69	50.00	AVRG
1,1,2-Trichloroethane	0.2870000	0.2688851	0.2688851		6.31	50.00	AVRG
Benzene	1.1010000	1.0537472	1.0537472		4.29	50.00	AVRG
trans-1,3-Dichloropropene	0.5860000	0.5767639	0.5767639		1.58	50.00	AVRG
2-Chloroethyl Vinyl Ether	40.992649	50.000000	0.1718601		18.01	50.00	LINR
Bromoform	41.606168	50.000000	0.2329636	0.1	16.79	50.00	LINR
4-Methyl-2-Pentanone	42.849909	50.000000	0.2750109		14.30	50.00	LINR
2-Hexanone	0.2750000	0.2585722	0.2585722		5.97	50.00	AVRG
Tetrachloroethene	0.3400000	0.3124095	0.3124095		8.11	50.00	AVRG
1,1,2,2-Tetrachloroethane	0.9520000	0.9136178	0.9136178	0.3	4.03	50.00	AVRG
Toluene	1.4980000	1.4405682	1.4405682		3.83	20.00	AVRG
Chlorobenzene	1.0000000	0.9465664	0.9465664	0.3	5.34	50.00	AVRG
Ethylbenzene	0.5020000	0.4731949	0.4731949		5.74	20.00	AVRG
Styrene	42.086253	50.000000	0.9526995		15.83	50.00	LINR
Xylene (Total)	0.6080000	0.5928332	0.5928332		2.49	50.00	AVRG
Ethyl Ether	0.2210000	0.2553700	0.2553700		-15.55	50.00	AVRG
Acrolein	0.0610000	0.0691292	0.0691292		-13.33	99.00	AVRG
Freon TF	0.2870000	0.3055906	0.3055906		-6.48	50.00	AVRG
Isopropanol	0.0000000				0.00	50.00	AVRG
Acetonitrile	0.0290000	0.0228836	0.0228836		21.09	50.00	AVRG
TBA	719.29486	1000.0000	0.0237362		28.07	50.00	LINR

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/15/08 Time: 2024

Lab File ID: D02405 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acrylonitrile	0.1120000	0.1158913	0.1158913		-3.47	50.00	AVRG
MTBE	0.8040000	0.7926671	0.7926671		1.41	50.00	AVRG
Hexane	0.2130000	0.1695622	0.1695622		20.39	50.00	AVRG
DIPE	0.8630000	0.8624151	0.8624151		0.07	50.00	AVRG
Ethyl Acetate	0.0340000	0.0332242	0.0332242		2.28	50.00	AVRG
Vinyl Acetate	0.3360000	0.5872420	0.5872420		-74.77	50.00	AVRG
Tetrahydrofuran	0.1250000	0.1185096	0.1185096		5.19	50.00	AVRG
Cyclohexane	0.4360000	0.4210097	0.4210097		3.44	50.00	AVRG
Isobutanol	0.0000000				0.00	50.00	AVRG
Isopropyl Acetate	0.5440000	0.5308709	0.5308709		2.41	50.00	AVRG
n-Heptane	0.3140000	0.2652127	0.2652127		15.54	50.00	AVRG
n-Butanol	1771.3900	2000.0000	0.0060479		11.43	50.00	2RDR
Propyl Acetate	0.4160000	0.3854642	0.3854642		7.34	50.00	AVRG
Butyl Acetate	84.949509	100.00000	0.5516917		15.05	50.00	LINR
1,2-Dibromoethane	0.3410000	0.3241483	0.3241483		4.94	50.00	AVRG
1,3-Dichlorobenzene	1.5500000	1.4999327	1.4999327		3.23	50.00	AVRG
1,4-Dichlorobenzene	1.6400000	1.5284317	1.5284317		6.80	50.00	AVRG
1,2-Dichlorobenzene	1.5050000	1.4674048	1.4674048		2.50	50.00	AVRG
Naphthalene	2.4120000	2.2430743	2.2430743		7.00	50.00	AVRG
Methylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dimethylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dichlorodifluoromethane	0.1950000	0.1752858	0.1752858		10.11	50.00	AVRG
1,1-Dichloropropene	0.3710000	0.3724474	0.3724474		-0.39	50.00	AVRG
1,2,4-Trichlorobenzene	0.9450000	0.8985424	0.8985424		4.92	50.00	AVRG
Hexachlorobutadiene	0.3630000	0.3316649	0.3316649		8.63	50.00	AVRG
1,4-Dioxane	0.0020000	0.0014259	0.0014259		28.70	50.00	AVRG
Methyl Acrylate	0.0000000				0.00	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3430000	0.3422238	0.3422238		0.23	50.00	AVRG
1,2,3-Trichlorobenzene	0.8210000	0.7223993	0.7223993		12.01	50.00	AVRG
1,2,3-Trichloropropane	0.3020000	0.2911955	0.2911955		3.58	50.00	AVRG
1,2,4-Trimethylbenzene	2.8200000	2.7316069	2.7316069		3.13	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.1820000	0.1715348	0.1715348		5.75	50.00	AVRG
1,3,5-Trimethylbenzene	2.7250000	2.6858584	2.6858584		1.44	50.00	AVRG
1,3-Dichloropropane	0.5920000	0.5657965	0.5657965		4.43	50.00	AVRG
2,2-Dichloropropane	0.2820000	0.2667037	0.2667037		5.42	50.00	AVRG
2-Chlorotoluene	2.3560000	2.3124557	2.3124557		1.85	50.00	AVRG
4-Chlorotoluene	2.5020000	2.4171026	2.4171026		3.39	50.00	AVRG
Bromobenzene	0.7910000	0.7645934	0.7645934		3.34	50.00	AVRG
Bromochloromethane	0.1450000	0.1467040	0.1467040		-1.18	50.00	AVRG
Dibromomethane	0.1860000	0.1869305	0.1869305		-0.50	50.00	AVRG
Isopropylbenzene	1.5560000	1.5243817	1.5243817		2.03	50.00	AVRG
n-Butylbenzene	4.8780000	4.4907205	4.4907205		7.94	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/15/08 Time: 2024

Lab File ID: D02405 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
n-Propylbenzene	3.9990000	3.8682708	3.8682708		3.27	50.00	AVRG
p-Isopropyltoluene	2.8350000	2.7603523	2.7603523		2.63	50.00	AVRG
sec-Butylbenzene	3.4000000	3.2352743	3.2352743		4.84	50.00	AVRG
tert-Butylbenzene	2.2500000	2.2583824	2.2583824		-0.37	50.00	AVRG
Allyl chloride	0.0000000				0.00	50.00	AVRG
Benzyl chloride	4.8780000	4.4907205	4.4907205		7.94	50.00	AVRG
Epichlorohydrin	0.0320000	0.0307959	0.0307959		3.76	50.00	AVRG
Isoprene	0.3720000	0.3974337	0.3974337		-6.84	50.00	AVRG
Methyl methacrylate	41.895567	50.000000	0.1890292		16.21	50.00	LINR
n-Pentane	0.0490000	0.0483892	0.0483892		1.25	50.00	AVRG
Allyl alcohol	0.0000000				0.00	50.00	AVRG
2-Octanol	0.0000000				0.00	50.00	AVRG
2-Octanone	1.1960000	1.2083950	1.2083950		-1.04	50.00	AVRG
Ethyl Acrylate	39.401209	50.000000	0.3329688		21.20	50.00	LINR
Butyl Acrylate	41.313081	50.000000	0.2572779		17.37	50.00	LINR
Butyl Methacrylate	44.479612	50.000000	0.9854151		11.04	50.00	LINR
Ethyl methacrylate	0.0000000	50.000000	0.5977867		0.00	50.00	LINR
Ethanol	0.0000000				0.00	50.00	AVRG
Methyl Acetate	0.0760000	0.0700733	0.0700733		7.80	50.00	AVRG
Methyl cyclohexane	0.4330000	0.4184606	0.4184606		3.36	50.00	AVRG
Cyclohexanone	0.0000000				0.00	50.00	AVRG
p-Ethyltoluene	0.0000000				0.00	50.00	AVRG
1,4-Diethylbenzene	0.0000000				0.00	50.00	AVRG
1,2,4,5-Tetramethylbenzene	0.0000000				0.00	50.00	AVRG
Propylene Oxide	0.0000000				0.00	50.00	AVRG
Camphene (total)	0.0000000				0.00	50.00	AVRG
Camphor	177.09442	250.00000	0.0703710		29.16	50.00	LINR
Amyl Acetate	0.6450000	0.6164031	0.6164031		4.43	50.00	AVRG
2-Methylnaphthalene	0.0000000				0.00	50.00	AVRG
1-Chlorohexane	0.0000000				0.00	50.00	AVRG
Chlorotrifluoromethane	0.0000000				0.00	50.00	AVRG
Chlorodifluoromethane	0.0000000				0.00	50.00	AVRG
tert-Amylmethyl Ether	0.8040000	0.7926671	0.7926671		1.41	50.00	AVRG
Iodomethane	0.5490000	0.5769177	0.5769177		-5.08	50.00	AVRG
trans-1,4-Dichloro-2-butene	0.2650000	0.2421184	0.2421184		8.63	50.00	AVRG
Acetaldehyde	0.0000000				0.00	50.00	AVRG
1,3,5-Trichlorobenzene	0.0000000				0.00	50.00	AVRG
1,2-Dichlorotrifluoroethane	0.0000000				0.00	50.00	AVRG
1-Bromo-2-chloroethane	0.0000000				0.00	50.00	AVRG
4-Chlorobenzotrifluoride	0.0000000				0.00	50.00	AVRG
2-Chloropropene	0.0000000				0.00	50.00	AVRG
tert-Butyl ethyl ether	0.7880000	0.8076005	0.8076005	0.01	-2.49	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS4 Calibration Date: 08/15/08 Time: 2024

Lab File ID: D02405 Init. Calib. Date(s): 08/14/08 08/14/08

Init. Calib. Times: 0419 0618

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,3-Butadiene	0.0000000			0.01	0.00	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.3190000	0.3509415	0.3509415		-10.01	50.00	AVRG
Toluene-d8 (SUR)	0.9880000	1.0674271	1.0674271		-8.04	50.00	AVRG
Bromofluorobenzene (SUR)	0.6700000	0.7013284	0.7013284		-4.68	50.00	AVRG

Data File: d02405.d
Report Date: 15-Aug-2008 20:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08adea.b/d02405.d
Lab Smp Id: XSTD228A
Inj Date : 15-AUG-2008 20:24
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : XSTD228A
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08adea.b/8260H_08.m
Meth Date : 15-Aug-2008 20:42 eddie Quant Type: ISTD
Cal Date : 15-AUG-2008 20:24 Cal File: d02405.d
Als bottle: 7 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
90 Dichlorodifluoromethane	85	1.274	1.274	(0.258)	208557	50.0000	45
1 Chloromethane	50	1.403	1.403	(0.285)	309799	50.0000	44
4 Vinyl Chloride	62	1.468	1.468	(0.298)	351723	50.0000	47
3 Bromomethane	94	1.703	1.703	(0.345)	245439	50.0000	52
5 Chloroethane	64	1.798	1.798	(0.364)	213971	50.0000	58
121 n-Pentane	72	1.880	1.880	(0.381)	57574	50.0000	50
9 Trichlorofluoromethane	101	1.886	1.886	(0.382)	515310	50.0000	53
54 Hexane	56	2.868	2.868	(0.581)	201747	50.0000	40
119 Isoprene	67	2.097	2.097	(0.425)	472871	50.0000	53
46 Ethyl Ether	59	2.115	2.115	(0.429)	303842	50.0000	58
10 1,1-Dichloroethene	96	2.245	2.245	(0.455)	346230	50.0000	52
8 Carbon Disulfide	76	2.256	2.256	(0.457)	962068	50.0000	54
48 Freon TF	101	2.292	2.292	(0.465)	363595	50.0000	53
47 Acrolein	56	2.503	2.503	(0.507)	658005	400.000	450

Data File: d02405.d
Report Date: 15-Aug-2008 20:42

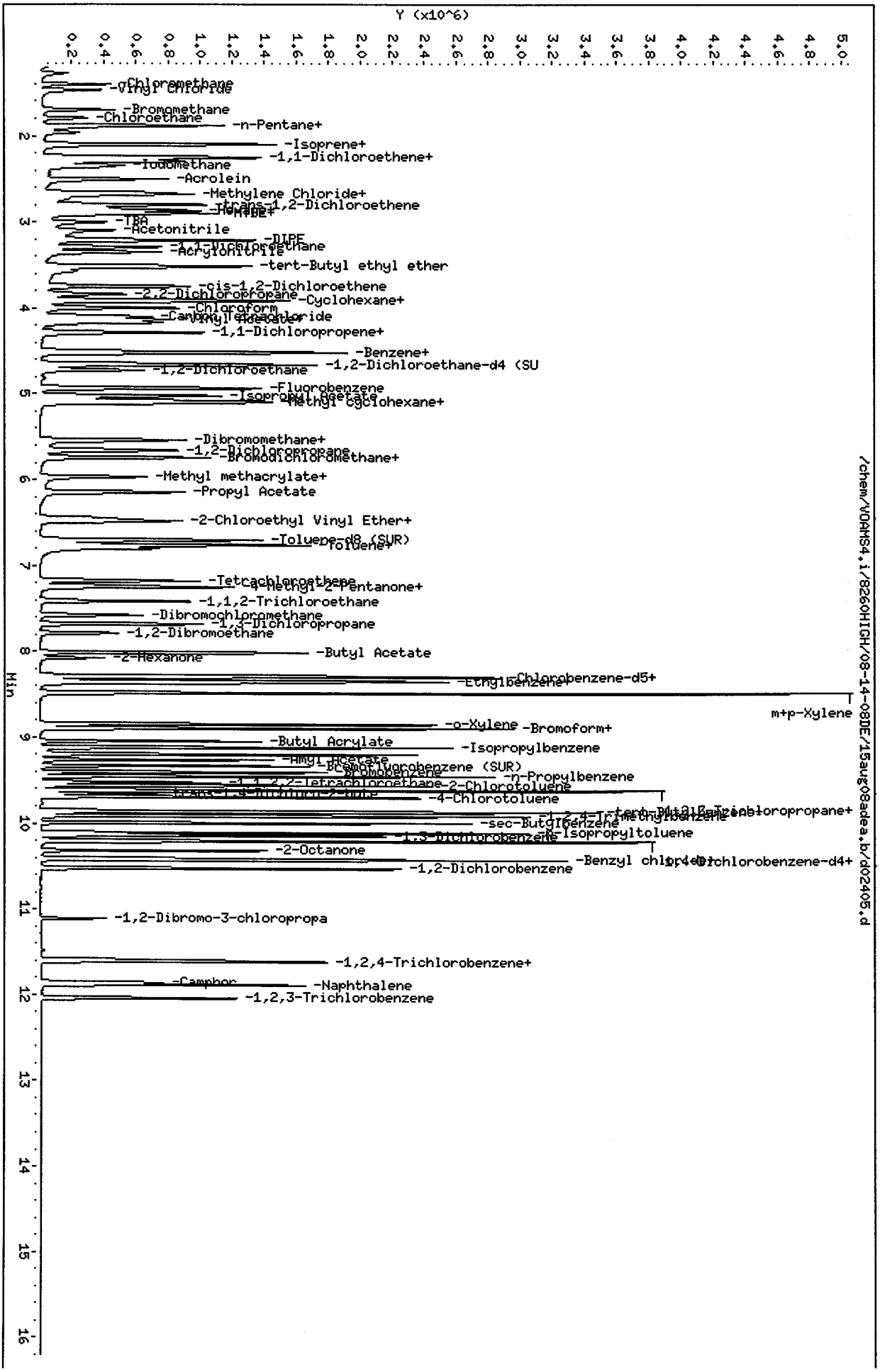
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	157 tert-Butyl ethyl ether	59	3.515	3.515	(0.713)	960892	50.0000	51
	6 Methylene Chloride	84	2.680	2.680	(0.543)	310884	50.0000	46
	7 Acetone	58	2.733	2.733	(0.554)	28565	50.0000	43
	12 trans-1,2-Dichloroethene	96	2.803	2.803	(0.568)	290857	50.0000	44
	131 Methyl Acetate	74	2.833	2.833	(0.574)	83374	50.0000	46
	53 MTBE	73	2.903	2.903	(0.589)	943124	50.0000	49
	51 TBA	59	3.003	3.003	(0.609)	564832	1000.00	720
	50 Acetonitrile	41	3.097	3.097	(0.628)	544542	1000.00	790
	55 DIPE	45	3.209	3.209	(0.651)	1026111	50.0000	50
	147 Iodomethane	142	2.345	2.345	(0.475)	686423	50.0000	52
	11 1,1-Dichloroethane	63	3.292	3.292	(0.667)	587943	50.0000	49
	52 Acrylonitrile	53	3.350	3.350	(0.679)	551555	200.000	210
	57 Vinyl Acetate	43	4.133	4.133	(0.838)	698707	50.0000	48
	13 cis-1,2-Dichloroethene	96	3.744	3.744	(0.759)	343262	50.0000	49
	104 2,2-Dichloropropane	77	3.839	3.839	(0.778)	317327	50.0000	47
	59 Cyclohexane	56	3.909	3.909	(0.792)	500922	50.0000	48
	108 Bromochloromethane	128	3.921	3.921	(0.795)	174550	50.0000	51
	15 Chloroform	83	3.997	3.997	(0.810)	590844	50.0000	51
	21 Carbon Tetrachloride	117	4.097	4.097	(0.831)	414811	50.0000	50
	56 Ethyl Acetate	70	4.133	4.133	(0.838)	79061	100.000	97
	20 1,1,1-Trichloroethane	97	4.168	4.168	(0.845)	473294	50.0000	51
	92 1,1-Dichloropropene	75	4.280	4.280	(0.868)	443142	50.0000	50
	18 2-Butanone	72	4.286	4.286	(0.869)	56191	50.0000	46
	28 Benzene	78	4.515	4.515	(0.915)	1253760	50.0000	48
	58 Tetrahydrofuran	42	4.133	4.133	(0.838)	141004	50.0000	47
	145 tert-Amylmethyl Ether	73	2.903	2.903	(0.589)	943124	50.0000	49
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	417554	50.0000	55
	17 1,2-Dichloroethane	62	4.721	4.721	(0.957)	511957	50.0000	52
*	19 Fluorobenzene	96	4.933	4.933	(1.000)	1189811	50.0000	
	61 Isopropyl Acetate	43	5.021	5.021	(1.018)	1263272	100.000	97
	132 Methyl cyclohexane	83	5.080	5.080	(1.030)	497889	50.0000	48
	25 Trichloroethene	95	5.097	5.097	(1.033)	328290	50.0000	47
	62 n-Heptane	43	4.503	4.503	(0.913)	315553	50.0000	42
	109 Dibromomethane	93	5.544	5.544	(1.124)	222412	50.0000	50
	23 1,2-Dichloropropane	63	5.662	5.662	(1.148)	323805	50.0000	48
	22 Bromodichloromethane	83	5.744	5.744	(1.165)	463357	50.0000	51
	126 Ethyl Acrylate	55	5.738	5.738	(1.163)	396170	50.0000	39
	63 n-Butanol	56	5.538	5.538	(1.123)	287834	2000.00	1800
	120 Methyl methacrylate	69	5.968	5.968	(1.210)	224909	50.0000	42
	95 1,4-Dioxane	88	5.980	5.980	(1.212)	135724	4000.00	3000
	64 Propyl Acetate	43	6.150	6.150	(1.247)	917259	100.000	93
	30 2-Chloroethyl Vinyl Ether	63	6.450	6.450	(1.308)	204481	50.0000	41
	24 cis-1,3-Dichloropropene	75	6.485	6.485	(1.315)	541842	50.0000	51
$	37 Toluene-d8 (SUR)	98	6.703	6.703	(0.809)	949233	50.0000	54
	38 Toluene	91	6.762	6.762	(0.816)	1281057	50.0000	48
	118 Epichlorohydrin	57	6.803	6.803	(1.379)	732826	1000.00	950
	35 Tetrachloroethene	166	7.180	7.180	(0.867)	277817	50.0000	46

Data File: d02405.d
Report Date: 15-Aug-2008 20:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
33	4-Methyl-2-Pentanone	43	7.232	7.232	(1.466)	327211	50.0000	43
29	trans-1,3-Dichloropropene	75	7.250	7.250	(0.875)	512900	50.0000	49
27	1,1,2-Trichloroethane	83	7.415	7.415	(0.895)	239112	50.0000	47
26	Dibromochloromethane	129	7.579	7.579	(0.915)	304435	50.0000	50
103	1,3-Dichloropropane	76	7.679	7.679	(0.927)	503147	50.0000	48
66	1,2-Dibromoethane	107	7.785	7.785	(0.940)	288256	50.0000	48
65	Butyl Acetate	43	8.009	8.009	(0.967)	981208	100.000	86
34	2-Hexanone	43	8.074	8.074	(0.974)	229941	50.0000	47
* 32	Chlorobenzene-d5	117	8.285	8.285	(1.000)	889272	50.0000	
39	Chlorobenzene	112	8.297	8.297	(1.001)	841755	50.0000	47
40	Ethylbenzene	106	8.344	8.344	(1.007)	420799	50.0000	47
97	1,1,1,2-Tetrachloroethane	131	8.368	8.368	(1.010)	304330	50.0000	50
43	m+p-Xylene	106	8.479	8.479	(1.023)	1076004	100.000	96
44	o-Xylene	106	8.844	8.844	(1.067)	505566	50.0000	45
31	Bromoform	173	8.897	8.897	(1.074)	207168	50.0000	50
42	Styrene	104	8.897	8.897	(1.074)	847209	50.0000	43
127	Butyl Acrylate	73	9.044	9.044	(1.092)	228790	50.0000	42
110	Isopropylbenzene	105	9.115	9.115	(1.100)	1355590	50.0000	49
$ 41	Bromofluorobenzene (SUR)	174	9.332	9.332	(0.915)	307414	50.0000	52
107	Bromobenzene	156	9.403	9.403	(0.922)	335145	50.0000	48
112	n-Propylbenzene	91	9.456	9.456	(0.927)	1695583	50.0000	48
36	1,1,2,2-Tetrachloroethane	83	9.521	9.521	(0.933)	400467	50.0000	48
105	2-Chlorotoluene	91	9.562	9.562	(0.937)	1013621	50.0000	49
99	1,2,3-Trichloropropane	110	9.615	9.615	(0.942)	127640	50.0000	48
102	1,3,5-Trimethylbenzene	105	9.615	9.615	(0.942)	1177295	50.0000	49
148	trans-1,4-Dichloro-2-butene	53	9.656	9.656	(0.946)	106128	50.0000	46
106	4-Chlorotoluene	91	9.697	9.697	(0.950)	1059491	50.0000	48
115	tert-Butylbenzene	119	9.856	9.856	(0.966)	989919	50.0000	50
100	1,2,4-Trimethylbenzene	105	9.915	9.915	(0.972)	1197348	50.0000	48
129	Ethyl methacrylate	69	9.873	9.873	(1.192)	531595	50.0000	45
128	Butyl Methacrylate	87	9.873	9.873	(0.968)	431938	50.0000	44
114	sec-Butylbenzene	105	9.991	9.991	(0.979)	1418121	50.0000	48
67	1,3-Dichlorobenzene	146	10.144	10.144	(0.994)	657467	50.0000	48
113	p-Isopropyltoluene	119	10.109	10.109	(0.991)	1209948	50.0000	49
* 91	1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	438331	50.0000	
68	1,4-Dichlorobenzene	146	10.209	10.209	(1.001)	669959	50.0000	47
139	Camphor	95	11.856	11.856	(1.162)	154229	250.000	180
117	Benzyl chloride	91	10.420	10.420	(1.021)	1968422	50.0000	46
125	2-Octanone	43	10.315	10.315	(1.011)	529677	50.0000	50
111	n-Butylbenzene	91	10.420	10.420	(1.021)	1968422	50.0000	46
69	1,2-Dichlorobenzene	146	10.520	10.520	(1.031)	643209	50.0000	49
101	1,2-Dibromo-3-chloropropane	75	11.115	11.115	(1.089)	75189	50.0000	47
93	1,2,4-Trichlorobenzene	180	11.615	11.615	(1.138)	393859	50.0000	48
94	Hexachlorobutadiene	225	11.591	11.591	(1.136)	145379	50.0000	46
70	Naphthalene	128	11.885	11.885	(1.165)	983209	50.0000	46
140	Amyl Acetate	43	9.262	9.262	(1.118)	548150	50.0000	48
98	1,2,3-Trichlorobenzene	180	12.044	12.044	(1.180)	316650	50.0000	44

Data File: d02405.d
Report Date: 15-Aug-2008 20:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)	100				634119	100.000	94
M 45 Xylene (Total)	100				1581571	150.000	150


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08adea.b/d02405.d
Date : 15-AUG-2008 20:24
Client ID:
Sample Info: XSTD228A
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Iodomethane
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-MTBE+
-TBA
-Acetonitrile
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-tert-Butyl ethyl ether
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon tetrachloride
-1,1-Dichloropropene+
-Benzene+
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane+
-1,2-Dichloropropane
-Bromodichloromethane+
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene+
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Ethylbenzene
-Chlorobenzene-d5+
m+p-Xylene
-o-Xylene
-Bromoform+
-Butyl Acrylate
-Isopropylbenzene
-Hmyl Acetate
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
trans-1,4-Dichloro-2-butene
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-tert-Butylbenzene
-1,2,3-Trichloropropane+
-sec-Butylbenzene
-1,3-Dichlorobenzene
-4-Isopropyltoluene
-2-Octanone
-Benzyl chloride
-1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene+
-Camphor
-Naphthalene
-1,2,3-Trichlorobenzene
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08adea.b/d02405.d

Surrogate Compound Recovery Summary

VOLATILE SYSTEM MONITORING COMPOUND RECOVERY
METHOD 8260B

Matrix: WATER Level: LOW Lab Job No: X765

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	OTHER	TOT OUT
01	0231BS	95	98	99		0
02	DV220	107	105	102		0
03	940370	105	105	104		0
04	940028	107	106	107		0
05	940029	107	106	106		0
06	940030	102	106	106		0
07	940360D1	93	105	110		0
08	940362D1	96	105	110		0
09	940364D1	98	107	114		0
10	940365D1	97	102	112		0
11	940366	100	108	112		0
12	940367	95	107	110		0
13	940368	100	105	110		0
14	940369	98	105	111		0
15	940364MS	100	103	106		0
16	940364MSD	94	103	106		0
17	DV221	98	103	101		0
18	940034	102	103	100		0
19	940032	101	107	104		0
20	940033D1	103	102	105		0
21	940031D1	102	104	104		0
22	940361D1	100	103	106		0
23	940363D1	100	103	107		0
24	0307BS	101	101	102		0
25	DV228W	103	104	102		0
26	940031	101	104	101		0
27	940033	103	104	104		0
28	940360	103	102	104		0
29	940361	101	102	105		0
30	940362	103	104	105		0

		QC LIMITS
S1	= 1,2-Dichloroethane-d4	(56-125)
S2	= Toluene-d8	(72-127)
S3	= Bromofluorobenzene	(72-145)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

VOLATILE SYSTEM MONITORING COMPOUND RECOVERY \(cont\'d\)
METHOD 8260B

Matrix: WATER Level: LOW Lab Job No: X765

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	OTHER	TOT OUT
01	940363	103	104	104		0
02	940364	104	104	102		0
03	940360MS	102	101	101		0
04	940360MSD	104	103	101		0
05	940365	102	96	105		0
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
S1	= 1,2-Dichloroethane-d4	(56-125)
S2	= Toluene-d8	(72-127)
S3	= Bromofluorobenzene	(72-145)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Spike Recovery Summary

VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8260B

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 940364

MS Sample from Lab Job No: X765

QA Batch: 0231

Compound	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Vinyl Chloride	250	0.00	230	92	74-128
Methylene Chloride	250	0.00	250	100	78-129
1,1-Dichloroethene	250	0.00	250	100	67-133
1,1-Dichloroethane	250	0.00	240	96	73-129
Chloroform	250	0.00	250	100	80-120
1,2-Dichloropropane	250	0.00	240	96	76-127
Trichloroethene	250	0.00	250	100	75-127
Benzene	250	2.1	240	95	73-131
Tetrachloroethene	250	0.00	240	96	78-125
Toluene	250	720	900	72*	78-128
Chlorobenzene	250	0.00	250	100	79-125
Ethylbenzene	250	140	390	100	77-130
MTBE	250	0.00	250	100	70-130
1,3-Dichlorobenzene	250	0.00	240	96	80-120
Bromochloromethane	250	0.00	250	100	70-130
Isopropylbenzene	250	88	340	101	70-130

Compound	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	250	240	96	4	30	74-128
Methylene Chloride	250	250	100	0	30	78-129
1,1-Dichloroethene	250	250	100	0	30	67-133
1,1-Dichloroethane	250	250	100	4	30	73-129
Chloroform	250	250	100	0	30	80-120
1,2-Dichloropropane	250	240	96	0	30	76-127
Trichloroethene	250	250	100	0	30	75-127
Benzene	250	250	99	4	30	73-131
Tetrachloroethene	250	250	100	4	30	78-125
Toluene	250	920	80	11	30	78-128
Chlorobenzene	250	250	100	0	30	79-125
Ethylbenzene	250	390	100	0	30	77-130
MTBE	250	250	100	0	30	70-130
1,3-Dichlorobenzene	250	240	96	0	30	80-120
Bromochloromethane	250	250	100	0	30	70-130
Isopropylbenzene	250	350	105	4	30	70-130

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 16 outside limits
Spike Recovery: 1 out of 32 outside limits

COMMENTS: Low MS recoveries of Toluene due to high concentration in the sample. BS meets all QC limits.

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02186.d
Report Date: 08-Aug-2008 10:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02186.d
Lab Smp Id: 940364MS Client Smp ID: 080508-11MS
Inj Date : 07-AUG-2008 16:44
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940364MS;5
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 11:11 audberto Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 25 QC Sample: MS
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: 8260all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
90 Dichlorodifluoromethane	85	1.286	1.280	(0.260)	205512	49.3846	250
1 Chloromethane	50	1.415	1.409	(0.286)	307675	45.6665	230
4 Vinyl Chloride	62	1.480	1.480	(0.299)	348398	46.4348	230
3 Bromomethane	94	1.709	1.704	(0.345)	238188	48.3051	240
5 Chloroethane	64	1.809	1.804	(0.366)	213979	48.4970	240
121 n-Pentane	72	1.892	1.886	(0.382)	59644	44.6993	220
9 Trichlorofluoromethane	101	1.898	1.898	(0.383)	535890	46.9831	230
119 Isoprene	67	2.104	2.103	(0.425)	444232	45.2216	230
46 Ethyl Ether	59	2.121	2.121	(0.428)	298892	51.8842	260
10 1,1-Dichloroethene	96	2.256	2.251	(0.456)	337225	49.7523	250
8 Carbon Disulfide	76	2.268	2.268	(0.458)	1018798	48.0973	240
48 Freon TF	101	2.309	2.303	(0.466)	347993	47.7969	240
47 Acrolein	56	2.521	2.515	(0.509)	605610	413.106	2100
6 Methylene Chloride	84	2.692	2.686	(0.544)	294620	49.2931	250
7 Acetone	58	2.751	2.745	(0.556)	23885	43.2363	220
12 trans-1,2-Dichloroethene	96	2.815	2.809	(0.569)	272915	47.0992	240

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02186.d
Report Date: 08-Aug-2008 10:17

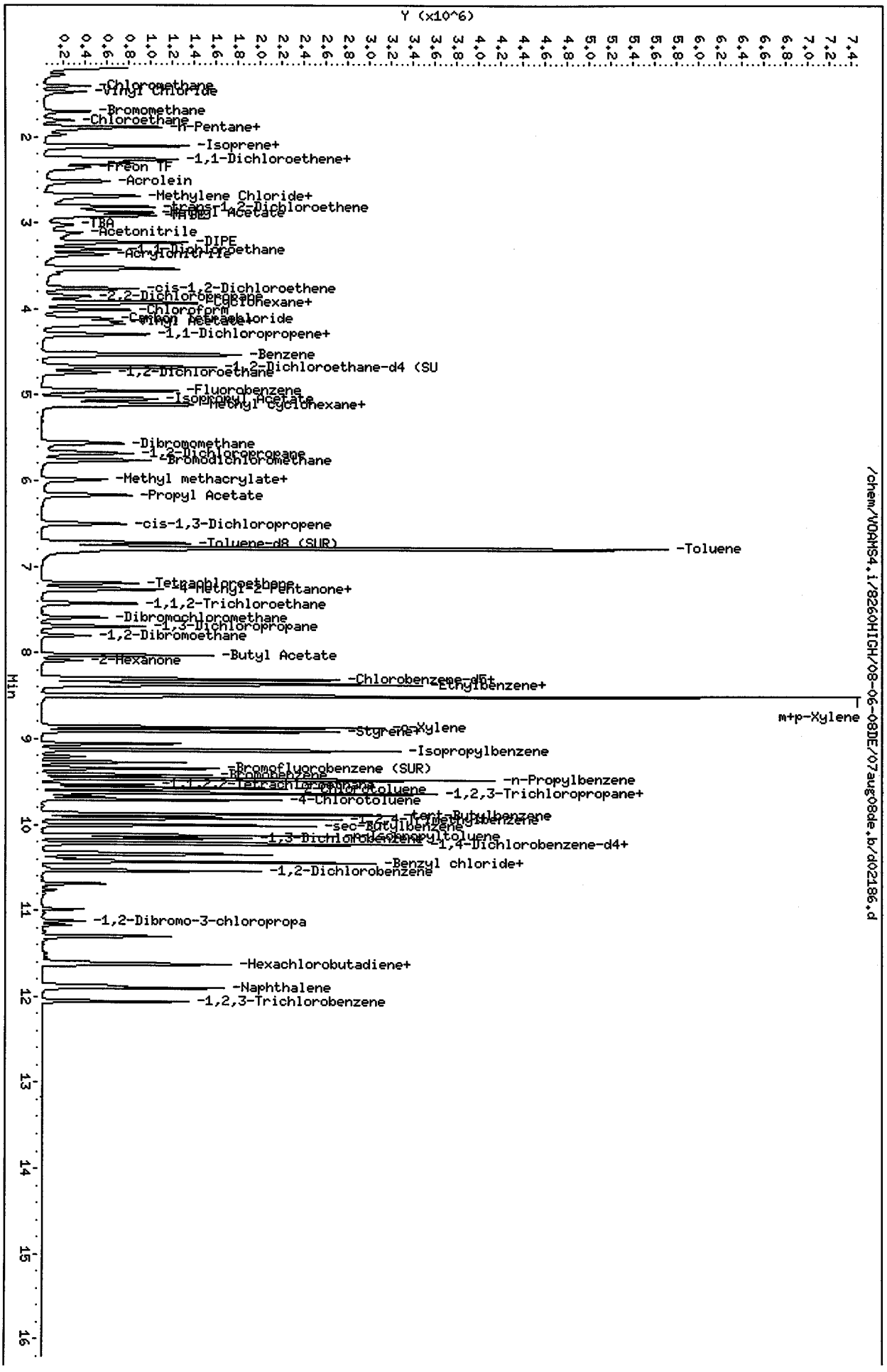
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	131 Methyl Acetate	74	2.845	2.868	(0.575)	69119	46.2434	230
	53 MTBE	73	2.915	2.909	(0.589)	877520	50.3528	250
	51 TBA	59	3.021	3.021	(0.610)	464698	913.087	4600
	50 Acetonitrile	41	3.115	3.109	(0.629)	550586	978.699	4900
	55 DIPE	45	3.227	3.221	(0.652)	1000312	47.3541	240
	11 1,1-Dichloroethane	63	3.309	3.303	(0.668)	558459	48.8756	240
	52 Acrylonitrile	53	3.368	3.362	(0.680)	499814	199.920	1000
	57 Vinyl Acetate	43	4.150	4.145	(0.838)	665836	46.3006	230
	13 cis-1,2-Dichloroethene	96	3.762	3.756	(0.760)	303945	48.8080	240
	104 2,2-Dichloropropane	77	3.856	3.850	(0.779)	259837	40.3155	200
	59 Cyclohexane	56	3.921	3.915	(0.792)	489931	47.2529	240
	108 Bromochloromethane	128	3.933	3.927	(0.794)	146441	49.9359	250
	15 Chloroform	83	4.009	4.003	(0.810)	553672	50.0195	250
	21 Carbon Tetrachloride	117	4.115	4.109	(0.831)	376161	49.3214	250
	20 1,1,1-Trichloroethane	97	4.180	4.174	(0.844)	442977	50.5036	250
	56 Ethyl Acetate	70	4.150	4.145	(0.838)	59422	80.7668	400
	92 1,1-Dichloropropene	75	4.297	4.292	(0.868)	409118	47.9745	240
	18 2-Butanone	72	4.309	4.297	(0.870)	49916	49.4425	250
	28 Benzene	78	4.533	4.527	(0.916)	1157049	48.8314	240
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.668	(0.944)	399567	49.8618	50
	17 1,2-Dichloroethane	62	4.739	4.733	(0.957)	506487	51.6934	260
*	19 Fluorobenzene	96	4.950	4.944	(1.000)	1026141	50.0000	
	61 Isopropyl Acetate	43	5.045	5.033	(1.019)	1212824	95.1552	480
	132 Methyl cyclohexane	83	5.097	5.086	(1.030)	467566	47.6883	240
	25 Trichloroethene	95	5.121	5.109	(1.034)	298065	49.2743	250
	109 Dibromomethane	93	5.562	5.556	(1.124)	201787	50.6858	250
	23 1,2-Dichloropropane	63	5.680	5.674	(1.147)	300756	48.1825	240
	22 Bromodichloromethane	83	5.762	5.756	(1.164)	426138	50.0713	250
	120 Methyl methacrylate	69	5.992	5.980	(1.210)	197597	46.1939	230
	95 1,4-Dioxane	88	5.997	5.997	(1.211)	84931	2538.95	13000(R)
	64 Propyl Acetate	43	6.168	6.162	(1.246)	854229	90.5725	450
	24 cis-1,3-Dichloropropene	75	6.503	6.497	(1.314)	449303	43.4025	220
$	37 Toluene-d8 (SUR)	98	6.727	6.715	(0.811)	878831	51.4836	51
	38 Toluene	91	6.786	6.780	(0.818)	4222274	180.711	900(R)
	35 Tetrachloroethene	166	7.197	7.191	(0.867)	225410	47.9881	240
	33 4-Methyl-2-Pentanone	43	7.250	7.244	(1.465)	316927	48.2774	240
	29 trans-1,3-Dichloropropene	75	7.268	7.262	(0.876)	460031	46.7812	230
	27 1,1,2-Trichloroethane	83	7.433	7.427	(0.896)	219191	49.8216	250
	26 Dibromochloromethane	129	7.591	7.585	(0.915)	260906	50.4949	250
	103 1,3-Dichloropropane	76	7.697	7.691	(0.928)	466230	49.0518	240
	66 1,2-Dibromoethane	107	7.803	7.797	(0.940)	256451	49.9291	250
	65 Butyl Acetate	43	8.027	8.021	(0.967)	913555	92.3861	460
	34 2-Hexanone	43	8.091	8.085	(0.975)	220460	48.1425	240
*	32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	769997	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.001)	739018	49.5902	250
	40 Ethylbenzene	106	8.356	8.356	(1.007)	589421	77.7753	390(R)
	97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	(1.010)	261112	50.4587	250

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02186.d
Report Date: 08-Aug-2008 10:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
43	m+p-Xylene	106	8.497	8.491	(1.024)	1566357	159.136	800(R)
44	o-Xylene	106	8.862	8.856	(1.068)	603159	67.0053	340
42	Styrene	104	8.909	8.903	(1.074)	735329	48.5005	240
31	Bromoform	173	8.909	8.903	(1.074)	165911	49.5025	250
110	Isopropylbenzene	105	9.132	9.127	(1.101)	1671848	69.0845	340(R)
$ 41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	273213	53.2265	53
107	Bromobenzene	156	9.421	9.415	(0.922)	272861	48.1454	240
112	n-Propylbenzene	91	9.468	9.462	(0.927)	2388799	74.4441	370(R)
36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.933)	365045	50.0051	250
105	2-Chlorotoluene	91	9.574	9.568	(0.937)	913040	49.0968	240
99	1,2,3-Trichloropropane	110	9.627	9.621	(0.942)	115753	51.5948	260
102	1,3,5-Trimethylbenzene	105	9.627	9.627	(0.942)	1043092	49.3891	250
106	4-Chlorotoluene	91	9.709	9.703	(0.950)	938426	47.5839	240
115	tert-Butylbenzene	119	9.868	9.868	(0.966)	854655	48.8417	240
100	1,2,4-Trimethylbenzene	105	9.927	9.921	(0.972)	1054295	49.1829	240
114	sec-Butylbenzene	105	10.003	10.003	(0.979)	1275174	48.5377	240
113	p-Isopropyltoluene	119	10.121	10.121	(0.991)	1047764	48.3396	240
67	1,3-Dichlorobenzene	146	10.156	10.150	(0.994)	525883	47.3824	240
* 91	1,4-Dichlorobenzene-d4	152	10.215	10.209	(1.000)	366898	50.0000	
68	1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	552789	48.5390	240
117	Benzyl chloride	91	10.432	10.426	(1.021)	1646627	41.7821	210
111	n-Butylbenzene	91	10.432	10.426	(1.021)	1646627	41.7821	210
69	1,2-Dichlorobenzene	146	10.532	10.532	(1.031)	529523	50.2252	250
101	1,2-Dibromo-3-chloropropane	75	11.126	11.121	(1.089)	76380	52.7308	260
94	Hexachlorobutadiene	225	11.603	11.603	(1.136)	120973	44.7686	220
93	1,2,4-Trichlorobenzene	180	11.626	11.621	(1.138)	350582	50.9508	250
70	Naphthalene	128	11.897	11.891	(1.165)	969244	53.7245	270
98	1,2,3-Trichlorobenzene	180	12.056	12.050	(1.180)	303896	52.2794	260
M 45	Xylene (Total)	100				2169516	226.878	1100

QC Flag Legend

R - Spike/Surrogate failed recovery limits.


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02186.d
Date : 07-AUG-2008 16:44
Client ID: 080508-11MS
Sample Info: 940364MS;5
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02186.d
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Isoprene+
-1,1-Dichloroethene+
-Freon TF
-Acrolein
-Methylene Chloride+
-TBA
-Acetonitrile
-DIPE
-Acrylonitrile
-cis-1,2-Dichloroethene
-Cyclohexane+
-Chloroform
-Carbon tetrachloride
-1,1-Dichloropropene+
-Benzene
-1,2-Dichloroethane
-Fluorobenzene
-Methyl cyclohexane+
-Dibromomethane
-Bromodichloromethane
-Methyl methacrylate+
-Propyl Acetate
-cis-1,3-Dichloropropene
-Toluene-d8 (SUR)
-Toluene
-Tetrachloroethene
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
m+p-Xylene
-Styrene+
-o-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-n-Propylbenzene
-1,2,3-Trichloropropane+
-4-Chlorotoluene
-sec-Butylbenzene
-1,4-Dichlorobenzene-d4+
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene+
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02187.d
Report Date: 08-Aug-2008 10:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02187.d
Lab Smp Id: 940364MSD
Inj Date : 07-AUG-2008 17:08
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940364MSD;5
Misc Info : X765;0231;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 11:11 audberto Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 26 QC Sample: MSD
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: 8260all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	224972	50.2473	250
1 Chloromethane	50	1.409	1.409	(0.285)	342463	47.2443	240
4 Vinyl Chloride	62	1.480	1.480	(0.299)	383916	47.5592	240
3 Bromomethane	94	1.709	1.704	(0.345)	247507	46.6542	230
5 Chloroethane	64	1.803	1.804	(0.364)	226460	47.7052	240
121 n-Pentane	72	1.886	1.886	(0.381)	64737	45.0938	220
9 Trichlorofluoromethane	101	1.898	1.898	(0.383)	580452	47.3001	240
119 Isoprene	67	2.103	2.103	(0.425)	489153	46.2818	230
46 Ethyl Ether	59	2.121	2.121	(0.428)	305939	49.3612	250
10 1,1-Dichloroethene	96	2.256	2.251	(0.456)	361037	49.5079	250
8 Carbon Disulfide	76	2.268	2.268	(0.458)	1117046	49.0156	240
48 Freon TF	101	2.303	2.303	(0.465)	375095	47.8851	240
47 Acrolein	56	2.515	2.515	(0.508)	612356	388.242	1900
6 Methylene Chloride	84	2.692	2.686	(0.544)	323072	50.2404	250
7 Acetone	58	2.750	2.745	(0.556)	24002	40.3832	200
12 trans-1,2-Dichloroethene	96	2.815	2.809	(0.569)	313081	50.2196	250

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02187.d
Report Date: 08-Aug-2008 10:18

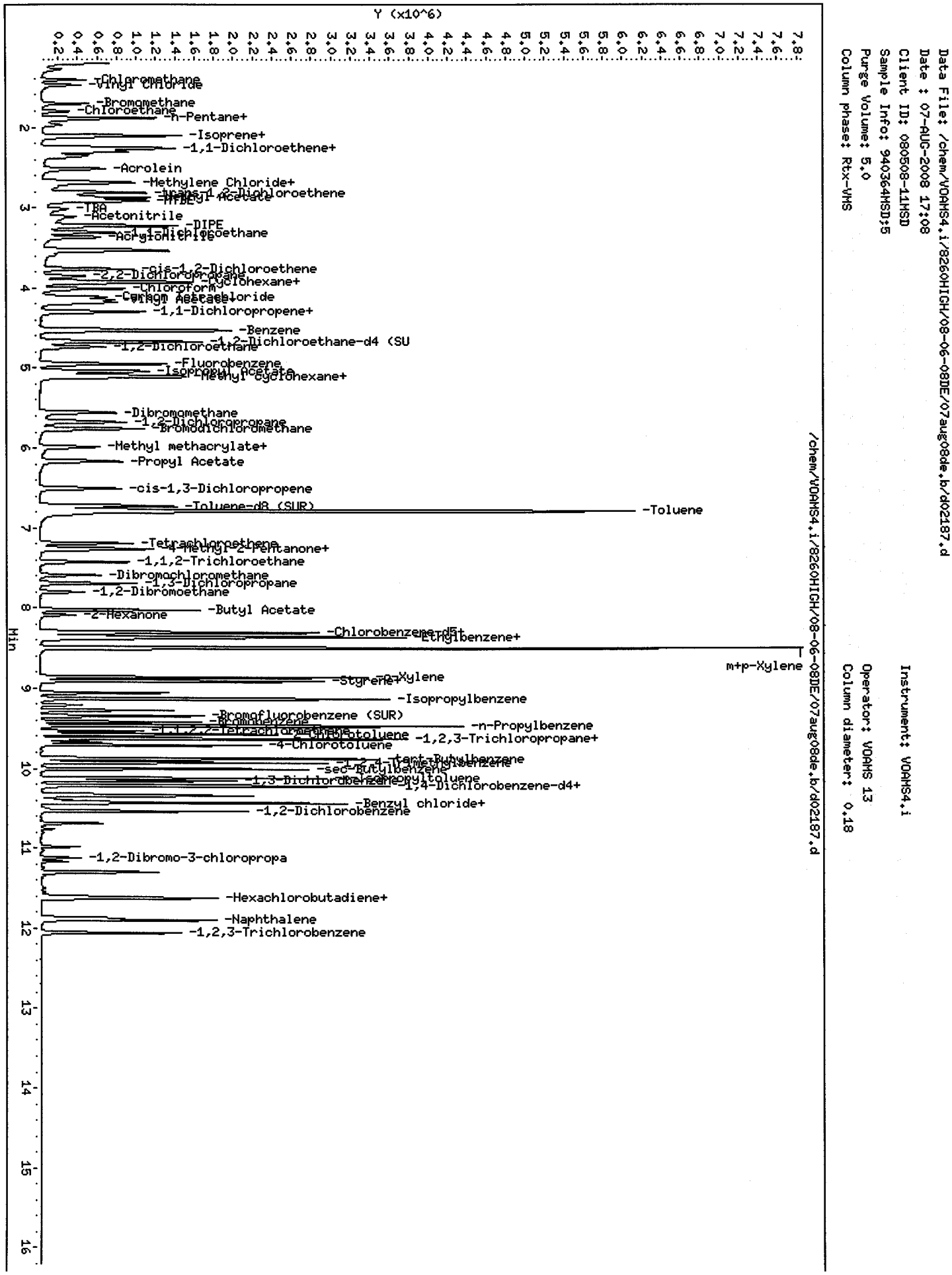
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	131 Methyl Acetate	74	2.844	2.868	(0.575)	74262	46.1794	230
	53 MTBE	73	2.915	2.909	(0.589)	941806	50.2294	250
	51 TBA	59	3.021	3.021	(0.610)	468137	854.957	4300
	50 Acetonitrile	41	3.115	3.109	(0.629)	533164	880.876	4400
	55 DIPE	45	3.227	3.221	(0.652)	1088273	47.8840	240
	11 1,1-Dichloroethane	63	3.309	3.303	(0.668)	614296	49.9700	250
	52 Acrylonitrile	53	3.368	3.362	(0.680)	518096	192.615	960
	57 Vinyl Acetate	43	4.150	4.145	(0.838)	683632	44.1847	220
	13 cis-1,2-Dichloroethene	96	3.762	3.756	(0.760)	331796	49.5219	250
	104 2,2-Dichloropropane	77	3.850	3.850	(0.778)	275711	39.7608	200
	59 Cyclohexane	56	3.921	3.915	(0.792)	547012	49.0366	240
	108 Bromochloromethane	128	3.933	3.927	(0.794)	158803	50.3314	250
	15 Chloroform	83	4.009	4.003	(0.810)	599855	50.3690	250
	21 Carbon Tetrachloride	117	4.115	4.109	(0.831)	406281	49.5129	250
	20 1,1,1-Trichloroethane	97	4.180	4.174	(0.844)	475854	50.4249	250
	56 Ethyl Acetate	70	4.150	4.145	(0.838)	64226	81.1384	400
	92 1,1-Dichloropropene	75	4.297	4.292	(0.868)	460368	50.1761	250
	18 2-Butanone	72	4.309	4.297	(0.870)	52311	48.1597	240
	28 Benzene	78	4.533	4.527	(0.916)	1270873	49.8516	250
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.668	(0.944)	407265	47.2374	47
	17 1,2-Dichloroethane	62	4.738	4.733	(0.957)	531464	50.4163	250
*	19 Fluorobenzene	96	4.950	4.944	(1.000)	1104020	50.0000	
	61 Isopropyl Acetate	43	5.038	5.033	(1.018)	1289851	94.0599	470
	132 Methyl cyclohexane	83	5.097	5.086	(1.030)	522107	49.4947	250
	25 Trichloroethene	95	5.115	5.109	(1.033)	326665	50.1929	250
	109 Dibromomethane	93	5.562	5.556	(1.124)	214159	49.9988	250
	23 1,2-Dichloropropane	63	5.680	5.674	(1.147)	327633	48.7858	240
	22 Bromodichloromethane	83	5.762	5.756	(1.164)	465025	50.7861	250
	120 Methyl methacrylate	69	5.991	5.980	(1.210)	210313	45.6984	230
	95 1,4-Dioxane	88	6.003	5.997	(1.213)	115976	3222.46	16000
	64 Propyl Acetate	43	6.168	6.162	(1.246)	896714	88.3703	440
	24 cis-1,3-Dichloropropene	75	6.503	6.497	(1.314)	489888	43.9848	220
$	37 Toluene-d8 (SUR)	98	6.727	6.715	(0.811)	941796	51.5959	52
	38 Toluene	91	6.785	6.780	(0.818)	4600038	184.118	920(R)
	35 Tetrachloroethene	166	7.197	7.191	(0.867)	248435	49.4616	250
	33 4-Methyl-2-Pentanone	43	7.250	7.244	(1.465)	336734	47.6762	240
	29 trans-1,3-Dichloropropene	75	7.268	7.262	(0.876)	485790	46.1985	230
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.895)	231584	49.2265	250
	26 Dibromochloromethane	129	7.591	7.585	(0.915)	277640	50.2506	250
	103 1,3-Dichloropropane	76	7.691	7.691	(0.927)	492298	48.4371	240
	66 1,2-Dibromoethane	107	7.803	7.797	(0.940)	273653	49.8247	250
	65 Butyl Acetate	43	8.027	8.021	(0.967)	955678	90.3813	450
	34 2-Hexanone	43	8.091	8.085	(0.975)	226449	46.2449	230
*	32 Chlorobenzene-d5	117	8.297	8.291	(1.000)	823368	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.001)	790691	49.6184	250
	40 Ethylbenzene	106	8.356	8.356	(1.007)	633761	78.2054	390(R)
	97 1,1,1,2-Tetrachloroethane	131	8.379	8.380	(1.010)	284106	51.3434	260

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02187.d
Report Date: 08-Aug-2008 10:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
43	m+p-Xylene	106	8.497	8.491	(1.024)	1686952	160.278	800(R)
44	o-Xylene	106	8.862	8.856	(1.068)	661817	68.7559	340
42	Styrene	104	8.909	8.903	(1.074)	795391	49.0615	240
31	Bromoform	173	8.909	8.903	(1.074)	178820	49.8957	250
110	Isopropylbenzene	105	9.132	9.127	(1.101)	1810192	69.9525	350(R)
$ 41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	286528	53.1182	53
107	Bromobenzene	156	9.415	9.415	(0.922)	295115	49.5513	250
112	n-Propylbenzene	91	9.468	9.462	(0.927)	2545326	75.4821	380(R)
36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.933)	382579	49.8700	250
105	2-Chlorotoluene	91	9.573	9.568	(0.937)	979095	50.1001	250
99	1,2,3-Trichloropropane	110	9.626	9.621	(0.942)	118084	50.0859	250
102	1,3,5-Trimethylbenzene	105	9.626	9.627	(0.942)	1114682	50.2238	250
106	4-Chlorotoluene	91	9.709	9.703	(0.950)	1000624	48.2816	240
115	tert-Butylbenzene	119	9.868	9.868	(0.966)	932469	50.7090	250
100	1,2,4-Trimethylbenzene	105	9.926	9.921	(0.972)	1135758	50.4182	250
114	sec-Butylbenzene	105	10.003	10.003	(0.979)	1381529	50.0403	250
113	p-Isopropyltoluene	119	10.120	10.121	(0.991)	1132439	49.7169	250
67	1,3-Dichlorobenzene	146	10.156	10.150	(0.994)	572112	49.0522	240
* 91	1,4-Dichlorobenzene-d4	152	10.215	10.209	(1.000)	385563	50.0000	
68	1,4-Dichlorobenzene	146	10.220	10.221	(1.001)	592416	49.5003	250
117	Benzyl chloride	91	10.432	10.426	(1.021)	1747313	42.1906	210
111	n-Butylbenzene	91	10.432	10.426	(1.021)	1747313	42.1906	210
69	1,2-Dichlorobenzene	146	10.532	10.532	(1.031)	568387	51.3016	260
101	1,2-Dibromo-3-chloropropane	75	11.126	11.121	(1.089)	79962	52.5313	260
94	Hexachlorobutadiene	225	11.609	11.603	(1.136)	132185	46.5497	230
93	1,2,4-Trichlorobenzene	180	11.626	11.621	(1.138)	372426	51.5052	260
70	Naphthalene	128	11.897	11.891	(1.165)	1044972	55.1180	280
98	1,2,3-Trichlorobenzene	180	12.056	12.050	(1.180)	334844	54.8148	270
M 45	Xylene (Total)	100				2348769	229.702	1100

QC Flag Legend

R - Spike/Surrogate failed recovery limits.


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02187.d
Date : 07-AUG-2008 17:08
Client ID: 080508-11MSD
Sample Info: 940364MSD:5
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
/chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02187.d
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-MTBE
-TBA
-Acetonitrile
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon Tetrachloride
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene
-1,2-Dichloroethane-d4 (SU
-1,2-Dichloroethane
-Fluorobenzene
-Isopropyl Acetate
-Methyl Cyclohexane+
-Dibromomethane
-1,2-Dichloropropane
-Bromodichloromethane
-Methyl methacrylate+
-Propyl Acetate
-cis-1,3-Dichloropropene
-Toluene-d8 (SUR)
-Toluene
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5
-Ethylbenzene+
m+p-Xylene
-o-Xylene
-Styrene+
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-1,2,3-Trichloropropane+
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-tert-Butylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-4-Isopropyltoluene
-1,4-Dichlorobenzene-d4+
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene+
-Naphthalene
-1,2,3-Trichlorobenzene

VOLATILE BLANK SPIKE RECOVERY
METHOD 8260B

QA Batch: 0231

Compound	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC.	QC. LIMITS REC.
Vinyl Chloride	50	44	88	74-128
Methylene Chloride	50	50	100	78-129
1,1-Dichloroethene	50	46	92	67-133
1,1-Dichloroethane	50	47	94	73-129
Chloroform	50	47	94	80-120
1,2-Dichloropropane	50	48	96	76-127
Trichloroethene	50	47	94	75-127
Benzene	50	48	96	73-131
Tetrachloroethene	50	48	96	78-125
Toluene	50	49	98	78-128
Chlorobenzene	50	49	98	79-125
Ethylbenzene	50	48	96	77-130
MTBE	50	49	98	70-130
1,3-Dichlorobenzene	50	48	96	80-120
Bromochloromethane	50	49	98	70-130
Isopropylbenzene	50	48	96	70-130

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 16 outside limits

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02163.d
Report Date: 07-Aug-2008 08:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02163.d
Lab Smp Id: 0231BS
Inj Date : 07-AUG-2008 06:21
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 0231BS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/8260H_08.m
Meth Date : 07-Aug-2008 07:55 audberto Quant Type: ISTD
Cal Date : 07-AUG-2008 05:58 Cal File: d02162.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

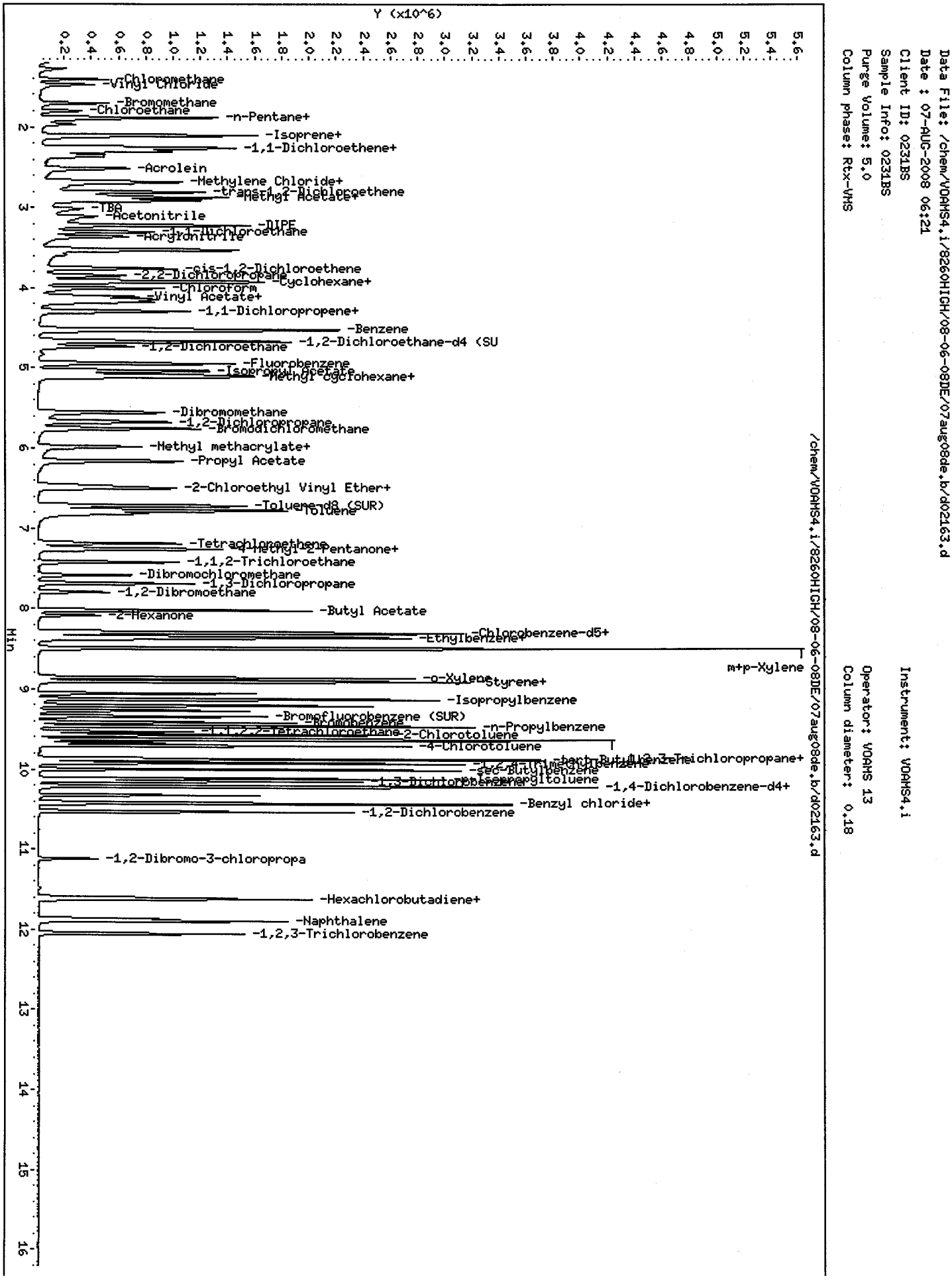
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
90	Dichlorodifluoromethane	85	1.280	1.280	(0.259)	251858	50.2923	50
1	Chloromethane	50	1.409	1.409	(0.285)	374885	46.2377	46
4	Vinyl Chloride	62	1.474	1.480	(0.298)	399110	44.2031	44
3	Bromomethane	94	1.703	1.704	(0.345)	273056	46.0168	46
5	Chloroethane	64	1.803	1.804	(0.365)	238928	44.9990	45
121	n-Pentane	72	1.886	1.886	(0.381)	73274	45.6326	46
9	Trichlorofluoromethane	101	1.898	1.898	(0.384)	623069	45.3935	45
119	Isoprene	67	2.103	2.103	(0.425)	543834	46.0038	46
46	Ethyl Ether	59	2.121	2.121	(0.429)	331649	47.8400	48
10	1,1-Dichloroethene	96	2.250	2.251	(0.455)	375357	46.0182	46
8	Carbon Disulfide	76	2.268	2.268	(0.459)	1168507	45.8412	46
48	Freon TF	101	2.303	2.303	(0.466)	395193	45.1056	45
47	Acrolein	56	2.515	2.515	(0.509)	680612	385.798	380
6	Methylene Chloride	84	2.692	2.686	(0.544)	360721	50.1518	50
7	Acetone	58	2.745	2.745	(0.555)	29695	44.6682	45
12	trans-1,2-Dichloroethene	96	2.809	2.809	(0.568)	333760	47.8644	48

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02163.d
Report Date: 07-Aug-2008 08:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	131 Methyl Acetate	74	2.845	2.868	(0.575)	81765	45.4581	45
	53 MTBE	73	2.915	2.909	(0.590)	1034241	49.3151	49
	51 TBA	59	3.021	3.021	(0.611)	393577	642.633	640
	50 Acetonitrile	41	3.115	3.109	(0.630)	668777	987.864	990
	55 DIPE	45	3.221	3.221	(0.651)	1253461	49.3089	49
	11 1,1-Dichloroethane	63	3.303	3.303	(0.668)	652009	47.4184	47
	52 Acrylonitrile	53	3.362	3.362	(0.680)	570744	189.706	190
	57 Vinyl Acetate	43	4.144	4.145	(0.838)	819860	47.3752	47
	13 cis-1,2-Dichloroethene	96	3.756	3.756	(0.760)	360053	48.0456	48
	104 2,2-Dichloropropane	77	3.850	3.850	(0.779)	376652	48.5627	48
	59 Cyclohexane	56	3.921	3.915	(0.793)	575495	46.1239	46
	108 Bromochloromethane	128	3.927	3.927	(0.794)	171594	48.6232	49
	15 Chloroform	83	4.009	4.003	(0.811)	631989	47.4448	47
	21 Carbon Tetrachloride	117	4.109	4.109	(0.831)	428945	46.7364	47
	20 1,1,1-Trichloroethane	97	4.180	4.174	(0.845)	497638	47.1462	47
	56 Ethyl Acetate	70	4.144	4.145	(0.838)	76223	86.0921	86
	92 1,1-Dichloropropene	75	4.292	4.292	(0.868)	482524	47.0189	47
	18 2-Butanone	72	4.303	4.297	(0.870)	57343	47.1990	47
	28 Benzene	78	4.527	4.527	(0.916)	1358674	47.6490	48
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.668	4.668	(0.944)	458352	47.5302	48
	17 1,2-Dichloroethane	62	4.733	4.733	(0.957)	562578	47.7135	48
*	19 Fluorobenzene	96	4.944	4.944	(1.000)	1234853	50.0000	
	61 Isopropyl Acetate	43	5.039	5.033	(1.019)	1483332	96.7086	97
	132 Methyl cyclohexane	83	5.091	5.086	(1.030)	553093	46.8769	47
	25 Trichloroethene	95	5.115	5.109	(1.034)	344558	47.3330	47
	109 Dibromomethane	93	5.556	5.556	(1.124)	233772	48.7952	49
	23 1,2-Dichloropropane	63	5.674	5.674	(1.147)	360713	48.0208	48
	22 Bromodichloromethane	83	5.756	5.756	(1.164)	498807	48.7038	49
	120 Methyl methacrylate	69	5.986	5.980	(1.211)	250396	48.6434	49
	95 1,4-Dioxane	88	5.997	5.997	(1.213)	144435	3588.00	3600
	64 Propyl Acetate	43	6.162	6.162	(1.246)	1134703	99.9761	100
	30 2-Chloroethyl Vinyl Ether	63	6.468	6.462	(1.308)	234335	47.6283	48
	24 cis-1,3-Dichloropropene	75	6.497	6.497	(1.314)	600103	48.1718	48
$	37 Toluene-d8 (SUR)	98	6.721	6.715	(0.811)	1016709	49.0044	49
	38 Toluene	91	6.780	6.780	(0.818)	1380394	48.6090	49
	35 Tetrachloroethene	166	7.191	7.191	(0.867)	276199	48.3790	48
	33 4-Methyl-2-Pentanone	43	7.250	7.244	(1.466)	378229	47.8775	48
	29 trans-1,3-Dichloropropene	75	7.268	7.262	(0.877)	579126	48.4542	48
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.896)	259340	48.4997	48
	26 Dibromochloromethane	129	7.591	7.585	(0.916)	315939	50.3085	50
	103 1,3-Dichloropropane	76	7.691	7.691	(0.928)	567987	49.1663	49
	66 1,2-Dibromoethane	107	7.797	7.797	(0.940)	313501	50.2184	50
	65 Butyl Acetate	43	8.021	8.021	(0.967)	1187770	98.8277	99
	34 2-Hexanone	43	8.085	8.085	(0.975)	276474	49.6738	50
*	32 Chlorobenzene-d5	117	8.291	8.291	(1.000)	935868	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.002)	880929	48.6358	49
	40 Ethylbenzene	106	8.356	8.356	(1.008)	444527	48.2602	48

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02163.d
Report Date: 07-Aug-2008 08:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	97 1,1,1,2-Tetrachloroethane	131	8.380	8.380	(1.011)	307909	48.9560	49
	43 m+p-Xylene	106	8.491	8.491	(1.024)	1142711	95.5186	96
	44 o-Xylene	106	8.856	8.856	(1.068)	535333	48.9300	49
	42 Styrene	104	8.903	8.903	(1.074)	900621	48.8744	49
	31 Bromoform	173	8.909	8.903	(1.074)	200476	49.2140	49
	110 Isopropylbenzene	105	9.127	9.127	(1.101)	1410396	47.9512	48
$	41 Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	299475	49.6004	50
	107 Bromobenzene	156	9.415	9.415	(0.922)	328011	49.2040	49
	112 n-Propylbenzene	91	9.462	9.462	(0.927)	1840760	48.7692	49
	36 1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.934)	431489	50.2500	50
	105 2-Chlorotoluene	91	9.568	9.568	(0.937)	1067331	48.7934	49
	99 1,2,3-Trichloropropane	110	9.621	9.621	(0.942)	132592	50.2446	50
	102 1,3,5-Trimethylbenzene	105	9.626	9.627	(0.943)	1218301	49.0412	49
	106 4-Chlorotoluene	91	9.703	9.703	(0.950)	1121490	48.3453	48
	115 tert-Butylbenzene	119	9.868	9.868	(0.967)	1001013	48.6338	49
	100 1,2,4-Trimethylbenzene	105	9.921	9.921	(0.972)	1237407	49.0753	49
	114 sec-Butylbenzene	105	10.003	10.003	(0.980)	1507877	48.7948	49
	113 p-Isopropyltoluene	119	10.121	10.121	(0.991)	1248378	48.9648	49
	67 1,3-Dichlorobenzene	146	10.150	10.150	(0.994)	633776	48.5469	48
*	91 1,4-Dichlorobenzene-d4	152	10.209	10.209	(1.000)	431566	50.0000	
	68 1,4-Dichlorobenzene	146	10.221	10.221	(1.001)	666486	49.7531	50
	117 Benzyl chloride	91	10.426	10.426	(1.021)	2251072	48.5604	48
	111 n-Butylbenzene	91	10.426	10.426	(1.021)	2251072	48.5604	48
	69 1,2-Dichlorobenzene	146	10.532	10.532	(1.032)	617727	49.8117	50
	101 1,2-Dibromo-3-chloropropane	75	11.120	11.121	(1.089)	85520	50.1938	50
	94 Hexachlorobutadiene	225	11.603	11.603	(1.137)	145466	45.7662	46
	93 1,2,4-Trichlorobenzene	180	11.620	11.621	(1.138)	401411	49.5962	50
	70 Naphthalene	128	11.897	11.891	(1.165)	1094782	51.5899	52
	98 1,2,3-Trichlorobenzene	180	12.050	12.050	(1.180)	350559	51.2702	51
M	45 Xylene (Total)	100				1678044	144.380	140


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02163.d
Date : 07-AUG-2008 06:21
Client ID: 0231BS
Sample Info: 0231BS
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b/d02163.d
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-Methyl Acetate+
-TBA
-Acetonitrile
-DIPE
-Acrylonitrile
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane
-1,2-Dichloropropane
-Bromodichloromethane
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
m+p-Xylene
-o-Xylene
-Styrene+
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-4-Chlorotoluene
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-Isopropyltoluene
-1,4-Dichlorobenzene-d4+
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene+
-Naphthalene
-1,2,3-Trichlorobenzene

VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8260B

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 940360

MS Sample from Lab Job No: X765

QA Batch: 0307

Compound	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Vinyl Chloride	12000	0.00	12000	100	74-128
Methylene Chloride	12000	0.00	12000	100	78-129
1,1-Dichloroethene	12000	0.00	12000	100	67-133
1,1-Dichloroethane	12000	0.00	12000	100	73-129
Chloroform	12000	0.00	12000	100	80-120
1,2-Dichloropropane	12000	0.00	12000	100	76-127
Trichloroethene	12000	0.00	12000	100	75-127
Benzene	12000	960	13000	100	73-131
Tetrachloroethene	12000	0.00	12000	100	78-125
Toluene	12000	180000	180000	*	78-128
Chlorobenzene	12000	0.00	12000	100	79-125
Ethylbenzene	12000	18000	29000	92	77-130
MTBE	12000	530	13000	104	70-130
1,3-Dichlorobenzene	12000	0.00	12000	100	80-120
Bromochloromethane	12000	0.00	12000	100	70-130
Isopropylbenzene	12000	0.00	12000	100	70-130

Compound	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	12000	13000	108	8	30	74-128
Methylene Chloride	12000	12000	100	0	30	78-129
1,1-Dichloroethene	12000	13000	108	8	30	67-133
1,1-Dichloroethane	12000	13000	108	8	30	73-129
Chloroform	12000	13000	108	8	30	80-120
1,2-Dichloropropane	12000	12000	100	0	30	76-127
Trichloroethene	12000	13000	108	8	30	75-127
Benzene	12000	14000	109	8	30	73-131
Tetrachloroethene	12000	13000	108	8	30	78-125
Toluene	12000	180000	*	N/A	30	78-128
Chlorobenzene	12000	12000	100	0	30	79-125
Ethylbenzene	12000	30000	100	9	30	77-130
MTBE	12000	13000	104	0	30	70-130
1,3-Dichlorobenzene	12000	12000	100	0	30	80-120
Bromochloromethane	12000	12000	100	0	30	70-130
Isopropylbenzene	12000	13000	108	8	30	70-130

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 16 outside limits
Spike Recovery: 2 out of 32 outside limits

COMMENTS: Sample amount for toluene too high for spiking level, BS meets all QC limits.

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02384.d
Report Date: 15-Aug-2008 22:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02384.d
Lab Smp Id: 940360MS
Inj Date : 15-AUG-2008 10:07
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940360MS;250
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 16 QC Sample: MS
Dil Factor: 250.00000
Integrator: HP RTE Compound Sublist: 8260all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	250.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
90 Dichlorodifluoromethane	85	1.274	1.274	(0.258)	247731	46.2628	12000
1 Chloromethane	50	1.404	1.404	(0.285)	346720	47.4961	12000
4 Vinyl Chloride	62	1.468	1.468	(0.298)	371270	46.3279	12000
3 Bromomethane	94	1.698	1.698	(0.344)	238237	48.2960	12000
5 Chloroethane	64	1.798	1.798	(0.364)	194974	46.0694	12000
121 n-Pentane	72	1.880	1.880	(0.381)	59161	45.4701	11000
9 Trichlorofluoromethane	101	1.886	1.886	(0.382)	536143	50.0453	12000
119 Isoprene	67	2.092	2.092	(0.424)	454332	46.6436	12000
46 Ethyl Ether	59	2.109	2.109	(0.428)	277048	47.3871	12000
10 1,1-Dichloroethene	96	2.245	2.245	(0.455)	360445	48.5468	12000
8 Carbon Disulfide	76	2.262	2.256	(0.459)	914447	47.2517	12000
48 Freon TF	101	2.292	2.292	(0.465)	353544	47.3696	12000
47 Acrolein	56	2.503	2.503	(0.508)	572570	396.104	99000
6 Methylene Chloride	84	2.680	2.680	(0.543)	364217	48.6472	12000
7 Acetone	58	2.739	2.733	(0.555)	585233	805.778	200000(AR)
12 trans-1,2-Dichloroethene	96	2.798	2.803	(0.567)	350759	48.2330	12000

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02384.d
Report Date: 15-Aug-2008 22:24

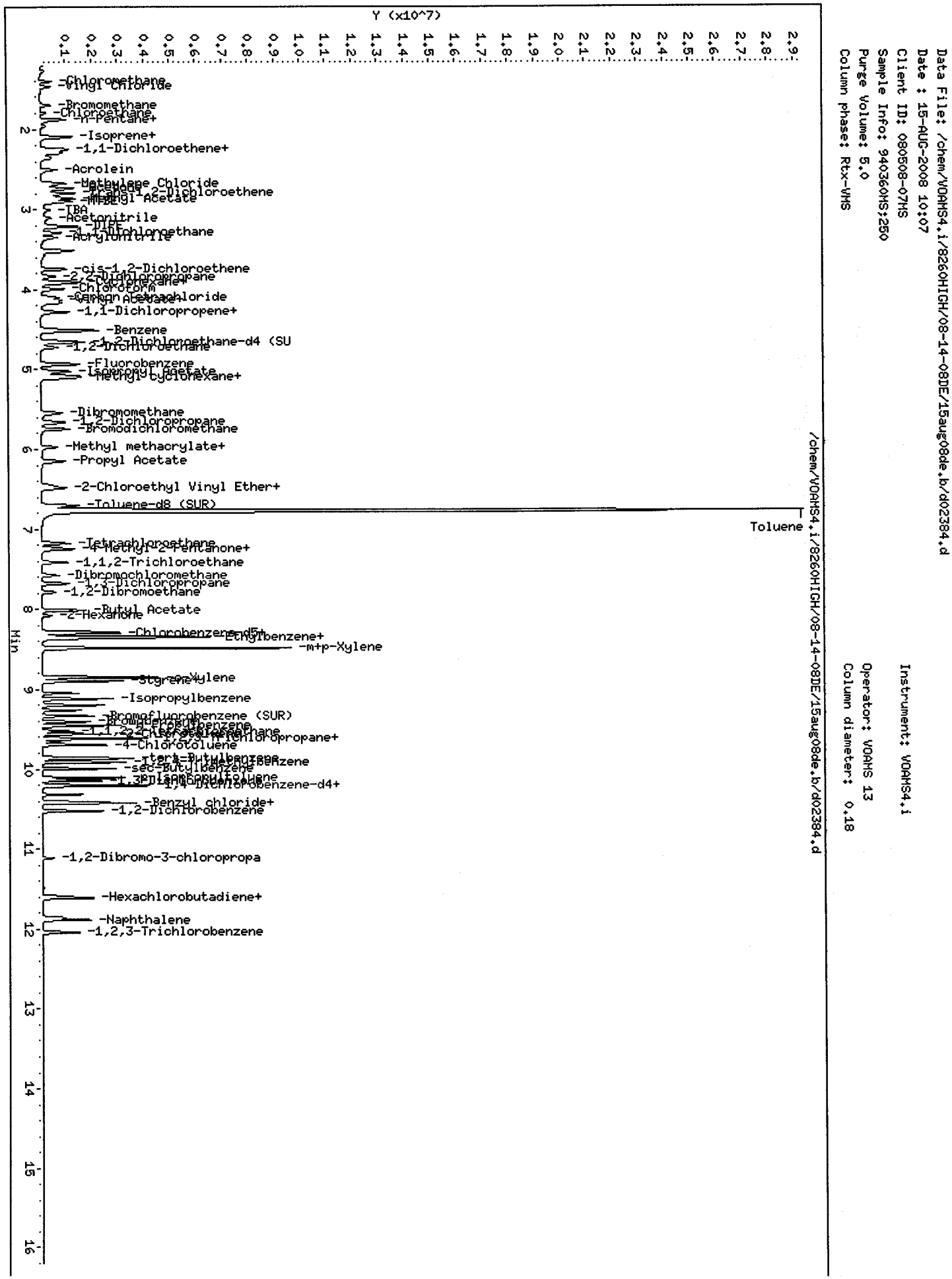
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	131 Methyl Acetate	74	2.833	2.833	(0.574)	90511	46.2262	12000
	53 MTBE	73	2.903	2.903	(0.589)	1067293	51.6527	13000
	51 TBA	59	3.009	3.003	(0.610)	559286	856.881	210000
	50 Acetonitrile	41	3.103	3.098	(0.629)	562825	783.456	200000
	55 DIPE	45	3.215	3.209	(0.652)	1117341	50.8041	13000
	11 1,1-Dichloroethane	63	3.292	3.292	(0.667)	644460	48.7004	12000
	52 Acrylonitrile	53	3.350	3.350	(0.679)	535045	188.046	47000
	57 Vinyl Acetate	43	4.133	4.133	(0.838)	760249	53.3716	13000
	13 cis-1,2-Dichloroethene	96	3.745	3.745	(0.759)	373520	48.0644	12000
	104 2,2-Dichloropropane	77	3.839	3.839	(0.778)	370846	48.6505	12000
	59 Cyclohexane	56	3.903	3.909	(0.791)	538581	47.3377	12000
	108 Bromochloromethane	128	3.915	3.921	(0.794)	185310	47.6837	12000
	15 Chloroform	83	3.992	3.997	(0.809)	637082	49.2865	12000
	21 Carbon Tetrachloride	117	4.098	4.097	(0.831)	444239	48.3774	12000
	20 1,1,1-Trichloroethane	97	4.162	4.168	(0.844)	504809	49.7161	12000
	56 Ethyl Acetate	70	4.133	4.133	(0.838)	74791	88.1697	22000
	92 1,1-Dichloropropene	75	4.280	4.280	(0.868)	487505	48.4922	12000
	18 2-Butanone	72	4.286	4.292	(0.869)	55806	44.7575	11000
	28 Benzene	78	4.515	4.515	(0.915)	1506058	52.8747	13000
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	386182	51.0163	51
	17 1,2-Dichloroethane	62	4.721	4.721	(0.957)	534071	50.0986	12000
*	19 Fluorobenzene	96	4.933	4.933	(1.000)	1316416	50.0000	
	61 Isopropyl Acetate	43	5.021	5.021	(1.018)	1372298	104.094	26000
	132 Methyl cyclohexane	83	5.080	5.080	(1.030)	539708	47.7001	12000
	25 Trichloroethene	95	5.097	5.103	(1.033)	357858	48.3319	12000
	109 Dibromomethane	93	5.544	5.544	(1.124)	240685	50.4498	13000
	23 1,2-Dichloropropane	63	5.662	5.662	(1.148)	343399	47.7261	12000
	22 Bromodichloromethane	83	5.744	5.744	(1.165)	487671	49.4948	12000
	120 Methyl methacrylate	69	5.968	5.968	(1.210)	240924	51.5601	13000
	95 1,4-Dioxane	88	5.980	5.986	(1.212)	109472	3027.19	760000
	64 Propyl Acetate	43	6.150	6.150	(1.247)	981583	103.642	26000
	30 2-Chloroethyl Vinyl Ether	63	6.456	6.456	(1.309)	196953	44.2999	11000
	24 cis-1,3-Dichloropropene	75	6.486	6.486	(1.315)	582367	48.0163	12000
$	37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	1058688	50.6812	51
	38 Toluene	91	6.762	6.768	(0.816)	20238366	697.994	170000(ARM)
	35 Tetrachloroethene	166	7.180	7.180	(0.867)	312521	48.4294	12000
	33 4-Methyl-2-Pentanone	43	7.233	7.238	(1.466)	371705	55.7486	14000
	29 trans-1,3-Dichloropropene	75	7.250	7.256	(0.875)	557164	48.8213	12000
	27 1,1,2-Trichloroethane	83	7.415	7.415	(0.895)	262336	50.3557	12000
	26 Dibromochloromethane	129	7.580	7.580	(0.915)	320982	48.8702	12000
	103 1,3-Dichloropropane	76	7.680	7.680	(0.927)	546547	48.9112	12000
	66 1,2-Dibromoethane	107	7.785	7.791	(0.940)	317069	49.6505	12000
	65 Butyl Acetate	43	8.015	8.015	(0.967)	1019482	99.9660	25000
	34 2-Hexanone	43	8.074	8.080	(0.974)	244127	52.9814	13000
*	32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	962915	50.0000	
	39 Chlorobenzene	112	8.297	8.297	(1.001)	911788	48.1784	12000
	40 Ethylbenzene	106	8.344	8.344	(1.007)	1117355	115.358	29000(R)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02384.d
Report Date: 15-Aug-2008 22:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
97	1,1,1,2-Tetrachloroethane	131	8.368	8.368	(1.010)	332358	49.2144	12000
43	m+p-Xylene	106	8.480	8.485	(1.023)	2132623	174.067	44000(R)
44	o-Xylene	106	8.850	8.850	(1.068)	968212	84.4629	21000(R)
42	Styrene	104	8.897	8.897	(1.074)	914522	48.4535	12000
31	Bromoform	173	8.897	8.897	(1.074)	220060	49.7777	12000
110	Isopropylbenzene	105	9.121	9.121	(1.101)	1468192	48.6653	12000
$ 41	Bromofluorobenzene (SUR)	174	9.332	9.338	(0.915)	381484	50.6330	51
107	Bromobenzene	156	9.403	9.409	(0.922)	357383	48.8000	12000
112	n-Propylbenzene	91	9.456	9.456	(0.927)	1834468	48.8981	12000
36	1,1,2,2-Tetrachloroethane	83	9.521	9.527	(0.933)	439437	52.1361	13000
105	2-Chlorotoluene	91	9.562	9.562	(0.937)	1082468	48.8995	12000
99	1,2,3-Trichloropropane	110	9.615	9.615	(0.942)	134962	51.8813	13000
102	1,3,5-Trimethylbenzene	105	9.621	9.621	(0.943)	1250841	49.0869	12000
106	4-Chlorotoluene	91	9.697	9.697	(0.950)	1121152	48.0141	12000
115	tert-Butylbenzene	119	9.856	9.862	(0.966)	1043984	48.5024	12000
100	1,2,4-Trimethylbenzene	105	9.915	9.915	(0.972)	1274484	48.5872	12000
114	sec-Butylbenzene	105	9.997	9.997	(0.980)	1516702	48.5921	12000
113	p-Isopropyltoluene	119	10.109	10.115	(0.991)	1283339	47.7037	12000
67	1,3-Dichlorobenzene	146	10.144	10.144	(0.994)	689505	48.6023	12000
* 91	1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	464821	50.0000	
68	1,4-Dichlorobenzene	146	10.209	10.215	(1.001)	716933	48.4713	12000
117	Benzyl chloride	91	10.421	10.426	(1.021)	2229126	49.4999	12000
111	n-Butylbenzene	91	10.421	10.426	(1.021)	2229126	49.4999	12000
69	1,2-Dichlorobenzene	146	10.521	10.526	(1.031)	685729	49.7897	12000
101	1,2-Dibromo-3-chloropropane	75	11.115	11.115	(1.089)	85948	55.6926	14000
94	Hexachlorobutadiene	225	11.591	11.597	(1.136)	152062	46.8933	12000
93	1,2,4-Trichlorobenzene	180	11.615	11.615	(1.138)	436371	51.4294	13000
70	Naphthalene	128	11.885	11.885	(1.165)	1135171	58.1531	14000
98	1,2,3-Trichlorobenzene	180	12.044	12.044	(1.180)	361806	56.4153	14000
M 45	Xylene (Total)	100				3100835	258.642	65000

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02384.d
Date : 15-AUG-2008 10:07
Client ID: 080508-07MS
Sample Info: 940360MS;250
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^7)
Min
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02384.d
Toluene
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride
-Acetone
-Trichlorofluoromethane
-MTBE
-Allyl Acetate
-IBA
-Acetonitrile
-DIPE
-trans-1,2-Dichloroethene
-Acrylonitrile
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Chloroform
-Carbon Tetrachloride
-1,1-Dichloropropene+
-Benzene
-1,2-Dichloroethane-d4 (SU
-1,2-Dichloroethane
-Fluorobenzene
-Isopropyl Acetate
-Methyl cyclohexane+
-Dibromomethane
-1,2-Dichloropropane
-Bromodichloromethane
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-Butyl Acetate
-2-Hexanone
-Chlorobenzene-d5
-Ethylbenzene+
-m+p-Xylene
-Styrene+
-o-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-Bromobenzene
-1,1,2,2-Tetrachloroethane
-1,2,3-Trichloropropane+
-4-Chlorotoluene
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-4-Isopropyltoluene
-1,4-Dichlorobenzene-d4+
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene+
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02385.d
Report Date: 15-Aug-2008 22:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02385.d
Lab Smp Id: 940360MSD
Inj Date : 15-AUG-2008 10:31
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 940360MSD;250
Misc Info : X765;0307;;AT
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 17 QC Sample: MSD
Dil Factor: 250.00000
Integrator: HP RTE Compound Sublist: 8260all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	250.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
90 Dichlorodifluoromethane	85	1.274	1.274	(0.258)	244843	45.0292	11000
1 Chloromethane	50	1.409	1.404	(0.286)	375521	50.6604	13000
4 Vinyl Chloride	62	1.474	1.468	(0.299)	417948	51.3606	13000
3 Bromomethane	94	1.704	1.698	(0.345)	270747	54.0531	14000
5 Chloroethane	64	1.798	1.798	(0.364)	225123	52.3854	13000
121 n-Pentane	72	1.880	1.880	(0.381)	66238	50.1364	12000
9 Trichlorofluoromethane	101	1.892	1.886	(0.384)	569790	52.3784	13000
119 Isoprene	67	2.092	2.092	(0.424)	503887	50.9457	13000
46 Ethyl Ether	59	2.115	2.109	(0.429)	301307	50.7539	13000
10 1,1-Dichloroethene	96	2.245	2.245	(0.455)	381691	50.6278	13000
8 Carbon Disulfide	76	2.262	2.256	(0.459)	992319	50.4970	13000
48 Freon TF	101	2.298	2.292	(0.466)	381532	50.3433	12000
47 Acrolein	56	2.503	2.503	(0.508)	692223	471.608	120000
6 Methylene Chloride	84	2.680	2.680	(0.543)	382554	50.3206	12000
7 Acetone	58	2.739	2.733	(0.555)	733631	994.762	250000(AR)
12 trans-1,2-Dichloroethene	96	2.803	2.803	(0.568)	376656	51.0077	13000

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02385.d
Report Date: 15-Aug-2008 22:25

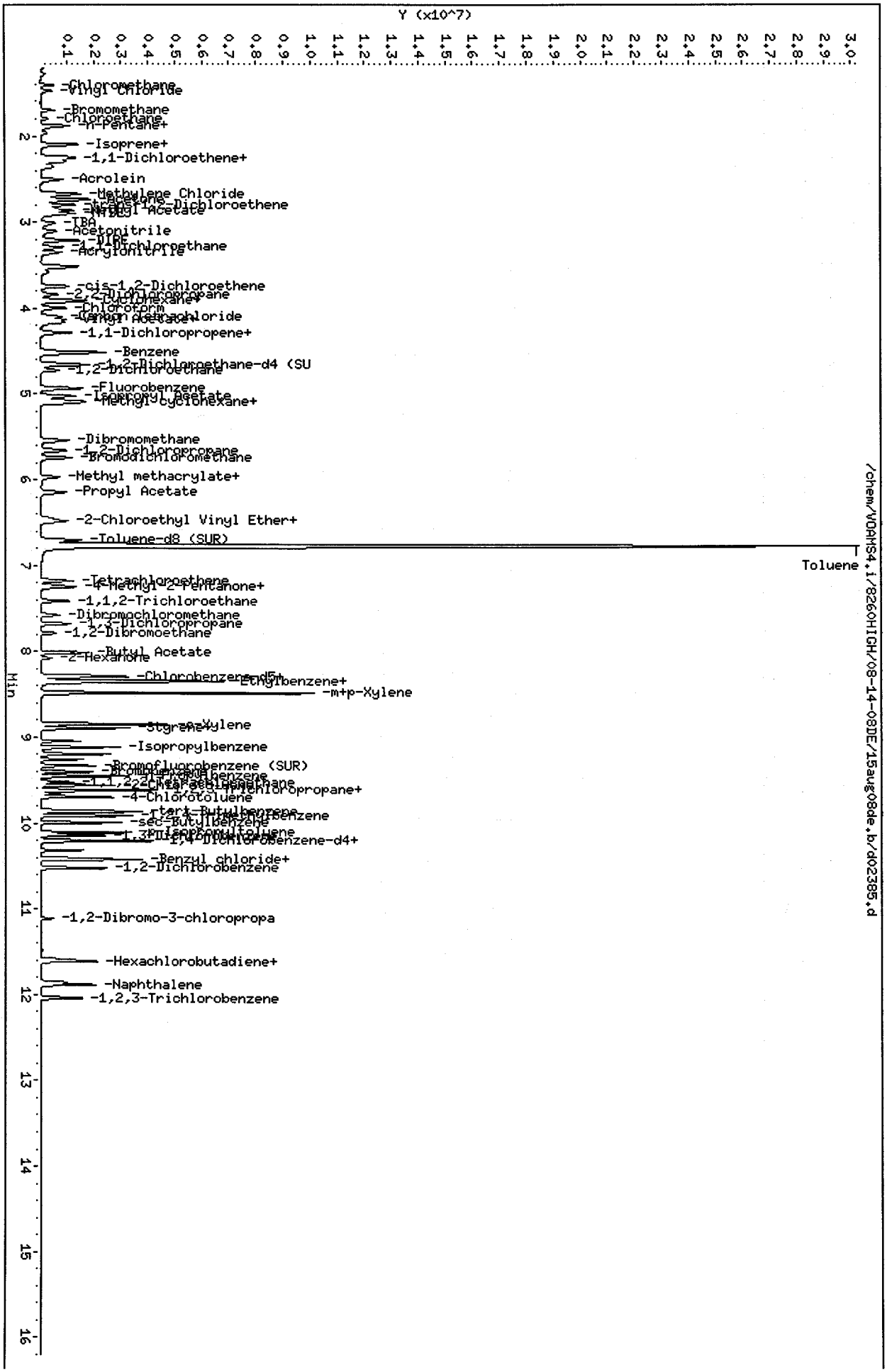
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	131 Methyl Acetate	74	2.833	2.833	(0.574)	106140	53.3851	13000
	53 MTBE	73	2.903	2.903	(0.589)	1126501	53.6904	13000
	51 TBA	59	3.009	3.003	(0.610)	722970	1090.84	270000
	50 Acetonitrile	41	3.103	3.098	(0.629)	758146	1039.32	260000
	55 DIPE	45	3.215	3.209	(0.652)	1150521	51.5184	13000
	11 1,1-Dichloroethane	63	3.292	3.292	(0.667)	683079	50.8350	13000
	52 Acrylonitrile	53	3.350	3.350	(0.679)	603765	208.976	52000
	57 Vinyl Acetate	43	4.133	4.133	(0.838)	793034	54.8279	14000
	13 cis-1,2-Dichloroethene	96	3.750	3.745	(0.760)	402361	50.9895	13000
	104 2,2-Dichloropropane	77	3.839	3.839	(0.778)	395393	51.0832	13000
	59 Cyclohexane	56	3.909	3.909	(0.792)	593941	51.4108	13000
	108 Bromochloromethane	128	3.921	3.921	(0.795)	197834	50.1334	12000
	15 Chloroform	83	3.997	3.997	(0.810)	673268	51.2950	13000
	21 Carbon Tetrachloride	117	4.097	4.097	(0.831)	480228	51.5025	13000
	20 1,1,1-Trichloroethane	97	4.168	4.168	(0.845)	543269	52.6914	13000
	56 Ethyl Acetate	70	4.133	4.133	(0.838)	92280	107.135	27000
	92 1,1-Dichloropropene	75	4.280	4.280	(0.868)	520483	50.9864	13000
	18 2-Butanone	72	4.297	4.292	(0.871)	66578	52.5860	13000
	28 Benzene	78	4.515	4.515	(0.915)	1594364	55.1250	14000
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	398274	51.8148	52
	17 1,2-Dichloroethane	62	4.721	4.721	(0.957)	560368	51.7672	13000
*	19 Fluorobenzene	96	4.933	4.933	(1.000)	1336713	50.0000	
	61 Isopropyl Acetate	43	5.027	5.021	(1.019)	1409406	105.285	26000
	132 Methyl cyclohexane	83	5.080	5.080	(1.030)	578578	50.3590	12000
	25 Trichloroethene	95	5.103	5.103	(1.035)	386017	51.3434	13000
	109 Dibromomethane	93	5.544	5.544	(1.124)	248694	51.3371	13000
	23 1,2-Dichloropropane	63	5.662	5.662	(1.148)	367272	50.2689	12000
	22 Bromodichloromethane	83	5.744	5.744	(1.165)	509970	50.9720	13000
	120 Methyl methacrylate	69	5.968	5.968	(1.210)	248978	52.4747	13000
	95 1,4-Dioxane	88	5.986	5.986	(1.213)	139567	3800.79	950000
	64 Propyl Acetate	43	6.150	6.150	(1.247)	990274	102.972	26000
	30 2-Chloroethyl Vinyl Ether	63	6.450	6.456	(1.308)	196833	43.6007	11000
	24 cis-1,3-Dichloropropene	75	6.486	6.486	(1.315)	607572	49.3338	12000
$	37 Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	1084622	51.3833	51
	38 Toluene	91	6.762	6.768	(0.816)	20225652	690.309	170000(ARM)
	35 Tetrachloroethene	166	7.180	7.180	(0.867)	334242	51.2573	13000
	33 4-Methyl-2-Pentanone	43	7.233	7.238	(1.466)	381672	56.3742	14000
	29 trans-1,3-Dichloropropene	75	7.256	7.256	(0.876)	569817	49.4113	12000
	27 1,1,2-Trichloroethane	83	7.415	7.415	(0.895)	268052	50.9184	13000
	26 Dibromochloromethane	129	7.580	7.580	(0.915)	334143	50.3455	12000
	103 1,3-Dichloropropane	76	7.680	7.680	(0.927)	565692	50.0986	12000
	66 1,2-Dibromoethane	107	7.785	7.791	(0.940)	320934	49.7337	12000
	65 Butyl Acetate	43	8.015	8.015	(0.967)	1036746	100.603	25000
	34 2-Hexanone	43	8.074	8.080	(0.974)	236364	50.7638	13000
*	32 Chlorobenzene-d5	117	8.285	8.285	(1.000)	973023	50.0000	
	39 Chlorobenzene	112	8.297	8.297	(1.001)	962113	50.3094	12000
	40 Ethylbenzene	106	8.344	8.344	(1.007)	1184073	120.976	30000(R)

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02385.d
Report Date: 15-Aug-2008 22:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
97	1,1,1,2-Tetrachloroethane	131	8.368	8.368	(1.010)	340841	49.9462	12000
43	m+p-Xylene	106	8.480	8.485	(1.023)	2253447	182.018	46000(R)
44	o-Xylene	106	8.850	8.850	(1.068)	1009325	87.1348	22000(R)
42	Styrene	104	8.897	8.897	(1.074)	956160	50.1333	12000
31	Bromoform	173	8.897	8.897	(1.074)	225060	50.3798	12000
110	Isopropylbenzene	105	9.121	9.121	(1.101)	1554783	51.0002	13000
$ 41	Bromofluorobenzene (SUR)	174	9.332	9.338	(0.915)	385207	50.4662	50
107	Bromobenzene	156	9.403	9.409	(0.922)	377015	50.8153	13000
112	n-Propylbenzene	91	9.456	9.456	(0.927)	1950044	51.3069	13000
36	1,1,2,2-Tetrachloroethane	83	9.521	9.527	(0.933)	446550	52.2952	13000
105	2-Chlorotoluene	91	9.562	9.562	(0.937)	1134814	50.6015	13000
99	1,2,3-Trichloropropane	110	9.615	9.615	(0.942)	137293	52.0951	13000
102	1,3,5-Trimethylbenzene	105	9.615	9.621	(0.942)	1317265	51.0254	13000
106	4-Chlorotoluene	91	9.697	9.697	(0.950)	1176891	49.7496	12000
115	tert-Butylbenzene	119	9.856	9.862	(0.966)	1113094	51.0447	13000
100	1,2,4-Trimethylbenzene	105	9.915	9.915	(0.972)	1339703	50.4134	13000
114	sec-Butylbenzene	105	9.997	9.997	(0.980)	1611934	50.9756	13000
113	p-Isopropyltoluene	119	10.109	10.115	(0.991)	1371476	50.3209	12000
67	1,3-Dichlorobenzene	146	10.144	10.144	(0.994)	722795	50.2903	12000
* 91	1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	470908	50.0000	
68	1,4-Dichlorobenzene	146	10.209	10.215	(1.001)	744475	49.6828	12000
117	Benzyl chloride	91	10.421	10.426	(1.021)	2282889	50.0384	12000
111	n-Butylbenzene	91	10.421	10.426	(1.021)	2282889	50.0384	12000
69	1,2-Dichlorobenzene	146	10.521	10.526	(1.031)	709230	50.8305	13000
101	1,2-Dibromo-3-chloropropane	75	11.115	11.115	(1.089)	86593	55.3853	14000
94	Hexachlorobutadiene	225	11.591	11.597	(1.136)	165775	50.4613	13000
93	1,2,4-Trichlorobenzene	180	11.615	11.615	(1.138)	462324	53.7838	13000
70	Naphthalene	128	11.885	11.885	(1.165)	1208830	61.1261	15000
98	1,2,3-Trichlorobenzene	180	12.044	12.044	(1.180)	391844	60.3093	15000
M 45	Xylene (Total)	100				3262772	269.322	67000

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02385.d
Date : 15-AUG-2008 10:31
Client ID: 080508-07MSD
Sample Info: 940360MSD;250
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^7)
Min
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02385.d
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride
-Acetone-Dichloroethene
-Allyl Acetate
-TBA
-Acetonitrile
-VDRT
-1,1-Dichloroethane
-Acrylonitrile
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Carbon tetrachloride
-Vinyl Acetate
-1,1-Dichloropropene+
-Benzene
-1,2-Dichloroethane-d4 (SU
-1,2-Dichloroethane
-Fluorobenzene
-Isopropyl acetate
-Methyl cyclohexane+
-Dibromomethane
-1,2-Dichloropropane
-Bromodichloromethane
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
Toluene
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-Butyl Acetate
-2-Hexanone
-Chlorobenzene-d5
-Ethylbenzene+
-m+p-Xylene
-Styrene+
-o-Xylene
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-Bromobenzene
-1,1,2,2-Tetrachloroethane
-1,2,3-Trichloropropane+
-4-Chlorotoluene
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-p-Isopropyltoluene
-1,4-Dichlorobenzene-d4+
-Benzyl chloride+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene+
-Naphthalene
-1,2,3-Trichlorobenzene

VOLATILE BLANK SPIKE RECOVERY
METHOD 8260B

QA Batch: 0307

Compound	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC.	QC. LIMITS REC.
Vinyl Chloride	50	48	96	66-144
Methylene Chloride	50	50	100	75-134
1,1-Dichloroethene	50	48	96	73-130
1,1-Dichloroethane	50	49	98	70-137
Chloroform	50	49	98	76-132
1,2-Dichloropropane	50	49	98	72-132
Trichloroethene	50	50	100	71-133
Benzene	50	49	98	74-128
Tetrachloroethene	50	49	98	72-133
Toluene	50	49	98	78-127
Chlorobenzene	50	50	100	75-126
Ethylbenzene	50	49	98	74-129
MTBE	50	51	102	70-130
1,3-Dichlorobenzene	50	49	98	72-130
Bromochloromethane	50	50	100	70-130
Isopropylbenzene	50	49	98	70-130

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 16 outside limits

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02370.d
Report Date: 15-Aug-2008 22:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02370.d
Lab Smp Id: 0307BS
Inj Date : 15-AUG-2008 04:20
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : 0307BS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/8260H_08.m
Meth Date : 15-Aug-2008 04:18 audberto Quant Type: ISTD
Cal Date : 15-AUG-2008 03:56 Cal File: d02369.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

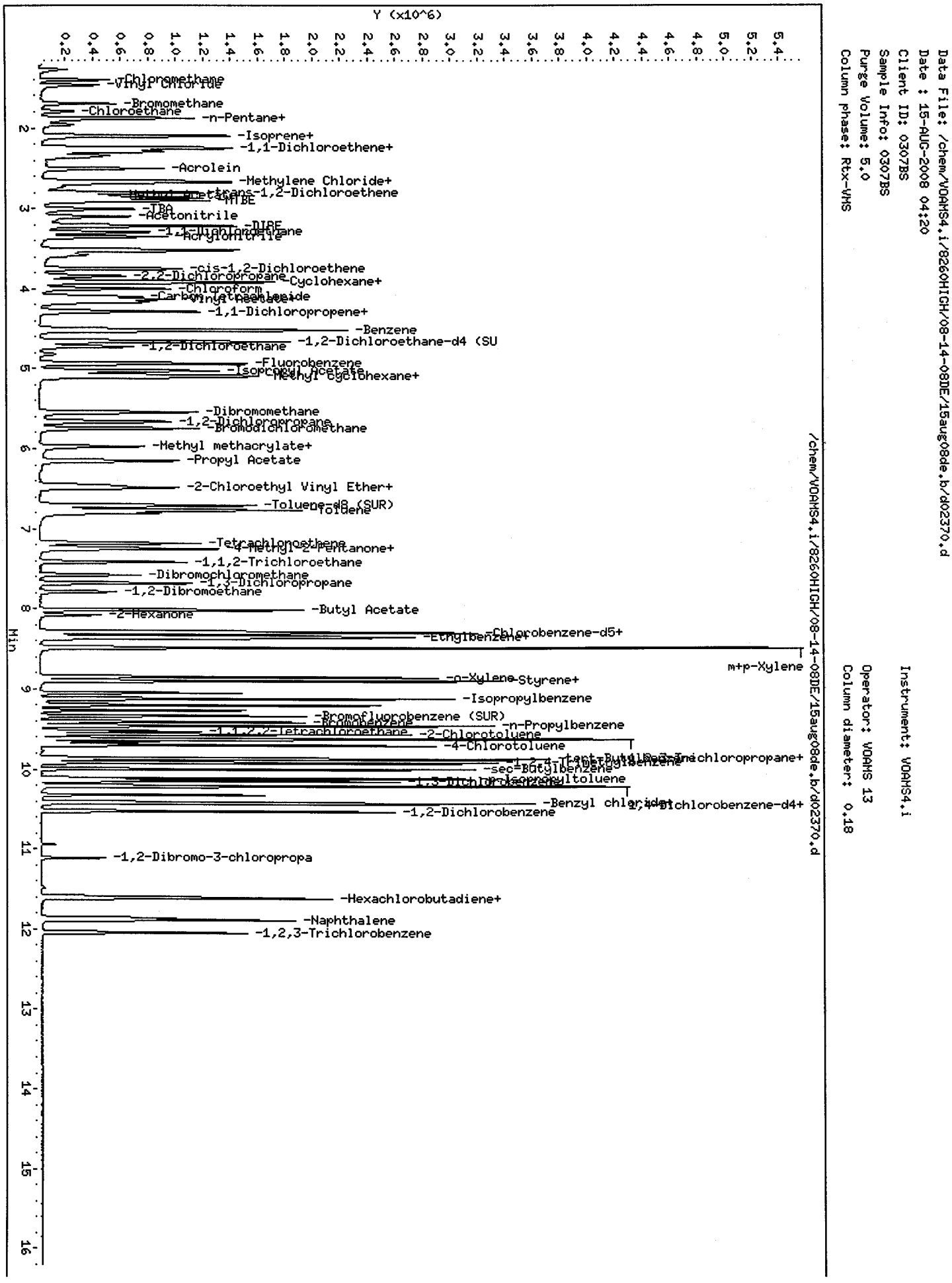
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
90	Dichlorodifluoromethane	85	1.274	1.274	(0.258)	224741	41.0683	41
1	Chloromethane	50	1.404	1.404	(0.285)	361028	48.3941	48
4	Vinyl Chloride	62	1.468	1.468	(0.298)	396102	48.3651	48
3	Bromomethane	94	1.698	1.698	(0.344)	247913	49.1783	49
5	Chloroethane	64	1.798	1.798	(0.364)	205586	47.5337	48
121	n-Pentane	72	1.880	1.880	(0.381)	60098	45.1987	45
9	Trichlorofluoromethane	101	1.886	1.886	(0.382)	486722	44.4565	44
119	Isoprene	67	2.092	2.092	(0.424)	478562	48.0761	48
46	Ethyl Ether	59	2.109	2.109	(0.428)	299343	50.1011	50
10	1,1-Dichloroethene	96	2.245	2.245	(0.455)	367402	48.4213	48
8	Carbon Disulfide	76	2.257	2.256	(0.457)	958655	48.4723	48
48	Freon TF	101	2.292	2.292	(0.465)	365840	47.9645	48
47	Acrolein	56	2.504	2.503	(0.508)	626775	424.291	420
6	Methylene Chloride	84	2.680	2.680	(0.543)	386216	50.4778	50
7	Acetone	58	2.733	2.733	(0.554)	34481	46.4568	46
12	trans-1,2-Dichloroethene	96	2.804	2.803	(0.568)	367214	49.4115	49

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02370.d
Report Date: 15-Aug-2008 22:22

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	131	Methyl Acetate	74	2.833	2.833	(0.574)	106654	53.3013	53
	53	MTBE	73	2.904	2.903	(0.589)	1074491	50.8844	51
	51	TBA	59	3.009	3.003	(0.610)	742059	1112.49	1100
	50	Acetonitrile	41	3.098	3.098	(0.628)	741187	1009.58	1000
	55	DIPE	45	3.215	3.209	(0.652)	1111161	49.4381	49
	11	1,1-Dichloroethane	63	3.292	3.292	(0.667)	663340	49.0507	49
	52	Acrylonitrile	53	3.351	3.350	(0.679)	618187	212.601	210
	57	Vinyl Acetate	43	4.133	4.133	(0.838)	768697	52.8058	53
	13	cis-1,2-Dichloroethene	96	3.751	3.745	(0.760)	396852	49.9702	50
	104	2,2-Dichloropropane	77	3.839	3.839	(0.778)	391254	50.2256	50
	59	Cyclohexane	56	3.909	3.909	(0.793)	564284	48.5317	48
	108	Bromochloromethane	128	3.921	3.921	(0.795)	199310	50.1849	50
	15	Chloroform	83	3.998	3.997	(0.810)	650149	49.2173	49
	21	Carbon Tetrachloride	117	4.098	4.097	(0.831)	467630	49.8311	50
	20	1,1,1-Trichloroethane	97	4.168	4.168	(0.845)	518632	49.9806	50
	56	Ethyl Acetate	70	4.133	4.133	(0.838)	88242	101.793	100
	92	1,1-Dichloropropene	75	4.286	4.280	(0.869)	506171	49.2677	49
	18	2-Butanone	72	4.292	4.292	(0.870)	66406	52.1154	52
	28	Benzene	78	4.521	4.515	(0.917)	1433072	49.2318	49
$	16	1,2-Dichloroethane-d4 (SUR)	65	4.656	4.656	(0.944)	389912	50.4029	50
	17	1,2-Dichloroethane	62	4.721	4.721	(0.957)	548748	50.3700	50
*	19	Fluorobenzene	96	4.933	4.933	(1.000)	1345306	50.0000	
	61	Isopropyl Acetate	43	5.027	5.021	(1.019)	1392913	103.389	100
	132	Methyl cyclohexane	83	5.080	5.080	(1.030)	563605	48.7424	49
	25	Trichloroethene	95	5.103	5.103	(1.035)	379124	50.1045	50
	109	Dibromomethane	93	5.545	5.544	(1.124)	246957	50.6531	51
	23	1,2-Dichloropropane	63	5.662	5.662	(1.148)	363434	49.4260	49
	22	Bromodichloromethane	83	5.745	5.744	(1.165)	504224	50.0758	50
	120	Methyl methacrylate	69	5.974	5.968	(1.211)	246157	51.5488	52
	95	1,4-Dioxane	88	5.986	5.986	(1.213)	162135	4387.20	4400
	64	Propyl Acetate	43	6.150	6.150	(1.247)	1002617	103.589	100
	30	2-Chloroethyl Vinyl Ether	63	6.456	6.456	(1.309)	228003	50.1827	50
	24	cis-1,3-Dichloropropene	75	6.486	6.486	(1.315)	612376	49.4064	49
$	37	Toluene-d8 (SUR)	98	6.709	6.709	(0.810)	1075899	50.3327	50
	38	Toluene	91	6.768	6.768	(0.817)	1459145	49.1784	49
	35	Tetrachloroethene	166	7.180	7.180	(0.867)	323012	48.9157	49
	33	4-Methyl-2-Pentanone	43	7.239	7.238	(1.467)	356158	52.2698	52
	29	trans-1,3-Dichloropropene	75	7.256	7.256	(0.876)	588534	50.3962	50
	27	1,1,2-Trichloroethane	83	7.415	7.415	(0.895)	272386	51.0947	51
	26	Dibromochloromethane	129	7.580	7.580	(0.915)	340215	50.6194	51
	103	1,3-Dichloropropane	76	7.680	7.680	(0.927)	573430	50.1489	50
	66	1,2-Dibromoethane	107	7.791	7.791	(0.940)	327965	50.1878	50
	65	Butyl Acetate	43	8.015	8.015	(0.967)	1065845	102.133	100
	34	2-Hexanone	43	8.080	8.080	(0.975)	249267	52.8657	53
*	32	Chlorobenzene-d5	117	8.286	8.285	(1.000)	985345	50.0000	
	39	Chlorobenzene	112	8.297	8.297	(1.001)	962541	49.7024	50
	40	Ethylbenzene	106	8.350	8.344	(1.008)	488484	49.2840	49

Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02370.d
Report Date: 15-Aug-2008 22:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
97	1,1,1,2-Tetrachloroethane	131	8.368	8.368	(1.010)	344726	49.8839	50
43	m+p-Xylene	106	8.486	8.485	(1.024)	1229545	98.0721	98
44	o-Xylene	106	8.850	8.850	(1.068)	579550	49.4068	49
42	Styrene	104	8.897	8.897	(1.074)	954130	49.4012	49
31	Bromoform	173	8.897	8.897	(1.074)	231303	51.1300	51
110	Isopropylbenzene	105	9.121	9.121	(1.101)	1518966	49.2022	49
$ 41	Bromofluorobenzene (SUR)	174	9.338	9.338	(0.915)	399153	51.2314	51
107	Bromobenzene	156	9.409	9.409	(0.922)	380869	50.2922	50
112	n-Propylbenzene	91	9.456	9.456	(0.927)	1889407	48.7020	49
36	1,1,2,2-Tetrachloroethane	83	9.527	9.527	(0.934)	446181	51.1909	51
105	2-Chlorotoluene	91	9.562	9.562	(0.937)	1128452	49.2960	49
99	1,2,3-Trichloropropane	110	9.615	9.615	(0.942)	137556	51.1351	51
102	1,3,5-Trimethylbenzene	105	9.621	9.621	(0.943)	1304714	49.5129	50
106	4-Chlorotoluene	91	9.697	9.697	(0.950)	1178699	48.8142	49
115	tert-Butylbenzene	119	9.862	9.862	(0.967)	1111845	49.9520	50
100	1,2,4-Trimethylbenzene	105	9.915	9.915	(0.972)	1335438	49.2324	49
114	sec-Butylbenzene	105	9.997	9.997	(0.980)	1592591	49.3411	49
113	p-Isopropyltoluene	119	10.115	10.115	(0.991)	1362665	48.9823	49
67	1,3-Dichlorobenzene	146	10.144	10.144	(0.994)	725545	49.4565	49
* 91	1,4-Dichlorobenzene-d4	152	10.203	10.203	(1.000)	480669	50.0000	
68	1,4-Dichlorobenzene	146	10.215	10.215	(1.001)	756627	49.4683	49
117	Benzyl chloride	91	10.427	10.426	(1.022)	2302813	49.4501	49
111	n-Butylbenzene	91	10.427	10.426	(1.022)	2302813	49.4501	49
69	1,2-Dichlorobenzene	146	10.527	10.526	(1.032)	716997	50.3436	50
101	1,2-Dibromo-3-chloropropane	75	11.115	11.115	(1.089)	86918	54.4645	54
94	Hexachlorobutadiene	225	11.597	11.597	(1.137)	163381	48.7227	49
93	1,2,4-Trichlorobenzene	180	11.615	11.615	(1.138)	458652	52.2732	52
70	Naphthalene	128	11.885	11.885	(1.165)	1141016	56.5253	56
98	1,2,3-Trichlorobenzene	180	12.044	12.044	(1.180)	375105	56.5605	56
M 45	Xylene (Total)	100				1809096	147.463	150


Data File: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02370.d
Date : 15-AUG-2008 04:20
Client ID: 0307BS
Sample Info: 0307BS
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
Y (x10^6)
Min
/chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b/d02370.d
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride+
-MTBE
-TBA
-Acetonitrile
-Acrylonitrile
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-1,1-Dichloropropene+
-Benzene
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Methyl cyclohexane+
-Dibromomethane
-1,2-Dichloropropane
-Bromodichloromethane
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8 (SUR)
-Toluene
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
m+p-Xylene
-o-Xylene
-Styrene+
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-4-Chlorotoluene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-p-Isopropyltoluene
-Benzyl chloride
-1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene+
-Naphthalene
-1,2,3-Trichlorobenzene

VOLATILE BLANK SPIKE RECOVERY
METHOD 8260B

QA Batch: DV221BS

Daily BS 8/8/08

Compound	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC.	QC. LIMITS REC.
Vinyl Chloride	50	45	90	74-128
Methylene Chloride	50	58	116	78-129
1,1-Dichloroethene	50	44	88	67-133
1,1-Dichloroethane	50	46	92	73-129
Chloroform	50	46	92	80-120
1,2-Dichloropropane	50	46	92	76-127
Trichloroethene	50	46	92	75-127
Benzene	50	46	92	73-131
Tetrachloroethene	50	46	92	78-125
Toluene	50	47	94	78-128
Chlorobenzene	50	47	94	79-125
Ethylbenzene	50	46	92	77-130
MTBE	50	45	90	70-130
1,3-Dichlorobenzene	50	46	92	80-120
Bromochloromethane	50	48	96	70-130
Isopropylbenzene	50	46	92	70-130

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 16 outside limits

*BS for Aug 8th.

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02213.d
Report Date: 12-Aug-2008 19:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02213.d
Lab Smp Id: DV221BS
Inj Date : 08-AUG-2008 05:50
Operator : VOAMS 13 Inst ID: VOAMS4.i
Smp Info : DV221BS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/8260H_08.m
Meth Date : 08-Aug-2008 05:46 audberto Quant Type: ISTD
Cal Date : 08-AUG-2008 05:26 Cal File: d02212.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	SampleVolume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
90 Dichlorodifluoromethane	85	1.280	1.280	(0.259)	218298	45.6901	46
1 Chloromethane	50	1.409	1.415	(0.285)	314083	45.0925	45
4 Vinyl Chloride	62	1.474	1.480	(0.298)	351581	44.7651	45
3 Bromomethane	94	1.709	1.709	(0.345)	243632	48.8112	49
5 Chloroethane	64	1.803	1.809	(0.364)	209838	46.2073	46
121 n-Pentane	72	1.886	1.886	(0.381)	56621	40.5878	40
9 Trichlorofluoromethane	101	1.898	1.898	(0.383)	562369	45.1888	45
119 Isoprene	67	2.103	2.104	(0.425)	432208	40.8749	41
46 Ethyl Ether	59	2.121	2.121	(0.428)	285532	42.4833	42
10 1,1-Dichloroethene	96	2.256	2.256	(0.456)	327199	43.8766	44
8 Carbon Disulfide	76	2.274	2.274	(0.459)	935715	41.5026	42
48 Freon TF	101	2.303	2.309	(0.465)	317526	40.3866	40
47 Acrolein	56	2.515	2.515	(0.508)	657092	419.383	420
6 Methylene Chloride	84	2.692	2.692	(0.544)	364305	57.6702	58
7 Acetone	58	2.750	2.751	(0.556)	22277	36.8796	37
12 trans-1,2-Dichloroethene	96	2.815	2.815	(0.569)	283616	46.9045	47

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02213.d
Report Date: 12-Aug-2008 19:22

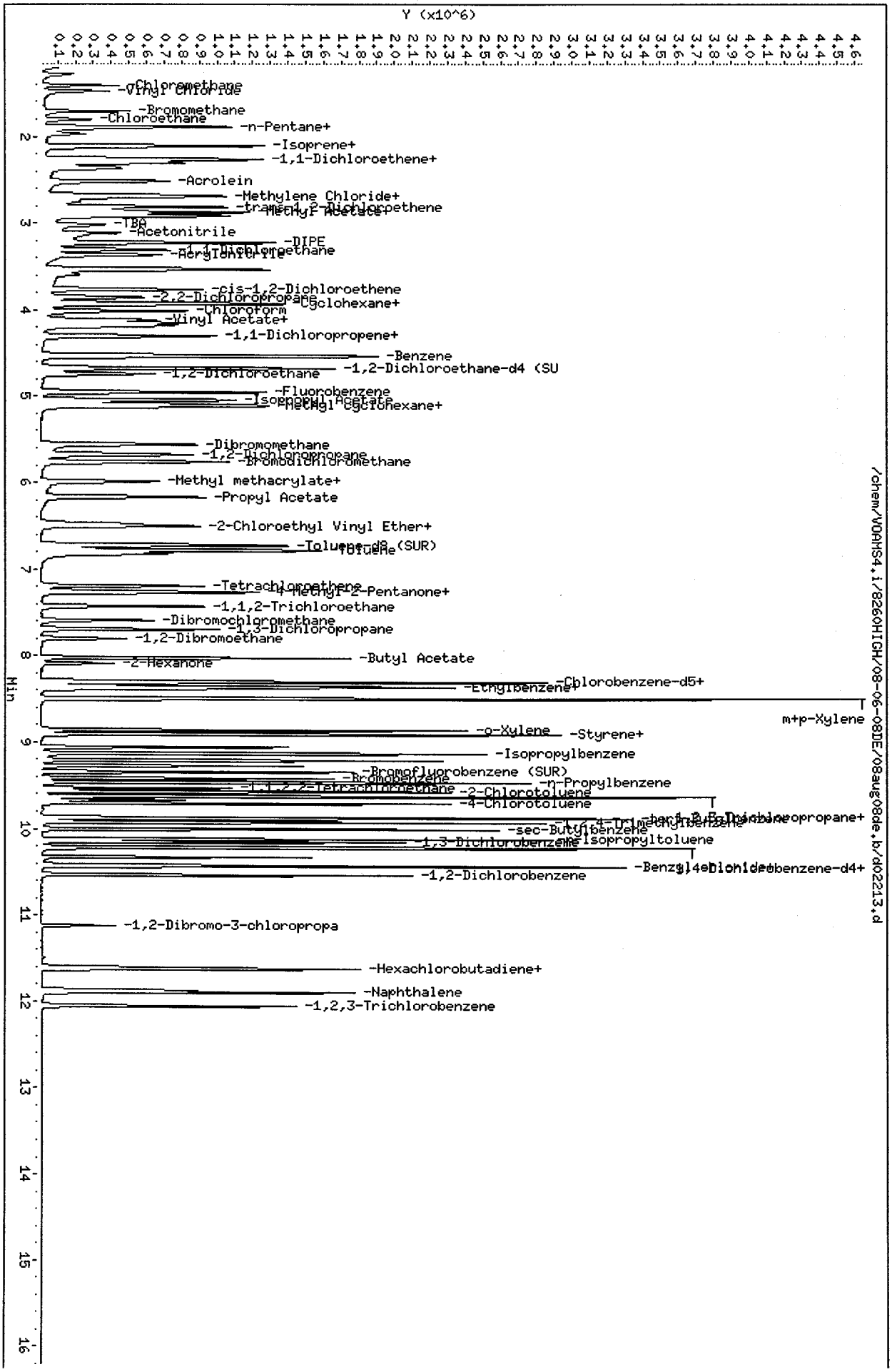
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	131 Methyl Acetate	74	2.850	2.845	(0.576)	76510	47.2124	47
	53 MTBE	73	2.915	2.915	(0.589)	887800	45.0774	45
	51 TBA	59	3.021	3.021	(0.610)	555329	956.604	960
	50 Acetonitrile	41	3.115	3.115	(0.629)	553052	896.457	900
	55 DIPE	45	3.227	3.227	(0.652)	1000084	41.7751	42
	11 1,1-Dichloroethane	63	3.309	3.309	(0.668)	563326	46.0549	46
	52 Acrylonitrile	53	3.368	3.362	(0.680)	529518	208.265	210
	57 Vinyl Acetate	43	4.150	4.150	(0.838)	710450	43.9284	44
	13 cis-1,2-Dichloroethene	96	3.762	3.762	(0.760)	308649	47.0991	47
	104 2,2-Dichloropropane	77	3.856	3.850	(0.779)	333894	46.6653	47
	59 Cyclohexane	56	3.921	3.921	(0.792)	439696	42.5341	42
	108 Bromochloromethane	128	3.933	3.933	(0.794)	148275	47.6883	48
	15 Chloroform	83	4.009	4.009	(0.810)	561153	45.6456	46
	21 Carbon Tetrachloride	117	4.115	4.115	(0.831)	385653	45.1191	45
	20 1,1,1-Trichloroethane	97	4.180	4.180	(0.844)	441811	45.6341	46
	56 Ethyl Acetate	70	4.150	4.150	(0.838)	72760	94.3477	94
	92 1,1-Dichloropropene	75	4.297	4.298	(0.868)	416755	45.3329	45
	18 2-Butanone	72	4.309	4.309	(0.870)	50847	44.1176	44
	28 Benzene	78	4.533	4.533	(0.916)	1154938	46.4104	46
$	16 1,2-Dichloroethane-d4 (SUR)	65	4.674	4.674	(0.944)	408260	48.7280	49
	17 1,2-Dichloroethane	62	4.739	4.739	(0.957)	516630	45.7027	46
*	19 Fluorobenzene	96	4.950	4.950	(1.000)	1055489	50.0000	
	61 Isopropyl Acetate	43	5.038	5.039	(1.018)	1265359	87.0510	87
	132 Methyl cyclohexane	83	5.097	5.097	(1.030)	414534	41.8503	42
	25 Trichloroethene	95	5.121	5.115	(1.034)	300475	45.7809	46
	109 Dibromomethane	93	5.562	5.562	(1.124)	208997	47.0530	47
	23 1,2-Dichloropropane	63	5.680	5.680	(1.147)	306555	46.2023	46
	22 Bromodichloromethane	83	5.762	5.762	(1.164)	443497	45.5257	46
	120 Methyl methacrylate	69	5.991	5.986	(1.210)	210271	43.6356	44
	95 1,4-Dioxane	88	6.003	5.997	(1.213)	138610	5093.29	5100(A)
	64 Propyl Acetate	43	6.168	6.168	(1.246)	945926	85.5910	86
	30 2-Chloroethyl Vinyl Ether	63	6.474	6.468	(1.308)	192323	43.1581	43
	24 cis-1,3-Dichloropropene	75	6.503	6.503	(1.314)	520930	46.2743	46
$	37 Toluene-d8 (SUR)	98	6.727	6.721	(0.811)	928228	50.4158	50
	38 Toluene	91	6.785	6.780	(0.818)	1182149	46.6219	47
	35 Tetrachloroethene	166	7.197	7.197	(0.867)	233862	45.9789	46
	33 4-Methyl-2-Pentanone	43	7.250	7.250	(1.465)	325730	43.2228	43
	29 trans-1,3-Dichloropropene	75	7.268	7.268	(0.876)	520467	46.8733	47
	27 1,1,2-Trichloroethane	83	7.427	7.427	(0.895)	231749	48.3765	48
	26 Dibromochloromethane	129	7.591	7.591	(0.915)	278850	47.1329	47
	103 1,3-Dichloropropane	76	7.697	7.691	(0.928)	496662	46.9753	47
	66 1,2-Dibromoethane	107	7.803	7.803	(0.940)	275891	48.7438	49
	65 Butyl Acetate	43	8.027	8.027	(0.967)	1008608	86.7434	87
	34 2-Hexanone	43	8.091	8.091	(0.975)	238730	43.7605	44
*	32 Chlorobenzene-d5	117	8.297	8.297	(1.000)	813754	50.0000	
	39 Chlorobenzene	112	8.309	8.309	(1.001)	761199	46.7768	47
	40 Ethylbenzene	106	8.356	8.356	(1.007)	384907	45.5418	46

Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02213.d
Report Date: 12-Aug-2008 19:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
97	1,1,1,2-Tetrachloroethane	131	8.379	8.380	(1.010)	271797	47.5634	48
43	m+p-Xylene	106	8.497	8.491	(1.024)	988923	90.9833	91
44	o-Xylene	106	8.862	8.862	(1.068)	456618	45.8350	46
42	Styrene	104	8.909	8.909	(1.074)	783352	46.0070	46
31	Bromoform	173	8.909	8.909	(1.074)	182078	47.6428	48
110	Isopropylbenzene	105	9.132	9.133	(1.101)	1233224	45.7815	46
$ 41	Bromofluorobenzene (SUR)	174	9.344	9.344	(0.915)	292486	49.8143	50
107	Bromobenzene	156	9.415	9.415	(0.922)	285183	46.1875	46
112	n-Propylbenzene	91	9.468	9.468	(0.927)	1609336	45.6672	46
36	1,1,2,2-Tetrachloroethane	83	9.532	9.532	(0.933)	392310	49.0564	49
105	2-Chlorotoluene	91	9.573	9.574	(0.937)	945806	45.3394	45
99	1,2,3-Trichloropropane	110	9.626	9.627	(0.942)	122130	48.0307	48
102	1,3,5-Trimethylbenzene	105	9.632	9.627	(0.943)	1084251	46.4043	46
106	4-Chlorotoluene	91	9.709	9.709	(0.950)	999336	45.4017	45
115	tert-Butylbenzene	119	9.868	9.868	(0.966)	878175	45.6047	46
100	1,2,4-Trimethylbenzene	105	9.926	9.927	(0.972)	1095803	45.9832	46
114	sec-Butylbenzene	105	10.003	10.003	(0.979)	1302801	45.3954	45
113	p-Isopropyltoluene	119	10.120	10.121	(0.991)	1092952	45.1149	45
67	1,3-Dichlorobenzene	146	10.156	10.156	(0.994)	559419	46.1315	46
* 91	1,4-Dichlorobenzene-d4	152	10.215	10.215	(1.000)	390878	50.0000	
68	1,4-Dichlorobenzene	146	10.220	10.221	(1.001)	587871	46.4791	46
117	Benzyl chloride	91	10.432	10.432	(1.021)	1971739	44.2454	44
111	n-Butylbenzene	91	10.432	10.432	(1.021)	1971739	44.2454	44
69	1,2-Dichlorobenzene	146	10.532	10.532	(1.031)	550729	46.4490	46
101	1,2-Dibromo-3-chloropropane	75	11.126	11.127	(1.089)	84019	50.8409	51
94	Hexachlorobutadiene	225	11.609	11.603	(1.136)	129090	43.5684	44
93	1,2,4-Trichlorobenzene	180	11.626	11.626	(1.138)	358608	47.6046	48
70	Naphthalene	128	11.897	11.897	(1.165)	1036326	50.9762	51
98	1,2,3-Trichlorobenzene	180	12.056	12.056	(1.180)	325434	49.6452	50
M 45	Xylene (Total)	100				1445542	136.799	140

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02213.d
Date : 08-AUG-2008 05:50
Client ID:
Sample Info: DV221BS
Purge Volume: 5.0
Column phase: Rtx-VMS
Instrument: VOAMS4.i
Operator: VOAMS 13
Column diameter: 0.18
/chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b/d02213.d
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-n-Pentane+
-Isoprene+
-1,1-Dichloroethene+
-Acrolein
-Methylene Chloride+
-trans-1,2-Dichloroethene
-Methyl Acetate
-TBA
-Acetonitrile
-DIPE
-1,1-Dichloroethane
-Acrylonitrile
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane+
-Chloroform
-Vinyl Acetate+
-1,1-Dichloropropene+
-Benzene
-1,2-Dichloroethane
-1,2-Dichloroethane-d4 (SU
-Fluorobenzene
-Isopropyl Acetate
-Methyl Cyclohexane+
-Dibromomethane
-1,2-Dichloropropane
-Bromodichloromethane
-Methyl methacrylate+
-Propyl Acetate
-2-Chloroethyl Vinyl Ether+
-Toluene-d8
-Toluene (SUR)
-Tetrachloroethene
-4-Methyl-2-Pentanone+
-1,1,2-Trichloroethane
-Dibromochloromethane
-1,3-Dichloropropane
-1,2-Dibromoethane
-2-Hexanone
-Butyl Acetate
-Chlorobenzene-d5+
-Ethylbenzene+
m+p-Xylene
-o-Xylene
-Styrene+
-Isopropylbenzene
-Bromofluorobenzene (SUR)
-Bromobenzene
-n-Propylbenzene
-1,1,2,2-Tetrachloroethane
-2-Chlorotoluene
-4-Chlorotoluene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-Isopropyltoluene
-Benzyl Chloride
-1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene+
-Naphthalene
-1,2,3-Trichlorobenzene

Internal Standard Area and RT Summary

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): D02162 Date Analyzed: 08/07/08

Instrument ID: VOAMS4 Time Analyzed: 0558

		IS1 AREA	#	RT	#	IS2(CBZ) AREA	#	RT	#	IS3(DCB) AREA	#	RT	#
	12 HOUR STD	1211985		4.94		933038		8.29		433396		10.21	
	UPPER LIMIT	2423970		5.44		1866076		8.79		866792		10.71	
	LOWER LIMIT	605992		4.44		466519		7.79		216698		9.71	
	LABORATORY SAMPLE NO.												
01	0231BS	1234853		4.94		935868		8.29		431566		10.21	
02	DV220	812977		4.94		558688		8.29		272118		10.21	
03	940370	827610		4.94		572521		8.29		263046		10.21	
04	940028	815861		4.94		559599		8.29		256482		10.21	
05	940029	864491		4.94		652098		8.29		298794		10.21	
06	940030	908107		4.95		625770		8.29		287523		10.21	
07	940360D1	1076486		4.95		715084		8.29		335248		10.21	
08	940362D1	1025377		4.95		695376		8.30		326146		10.21	
09	940364D1	978332		4.95		672111		8.30		319065		10.21	
10	940365D1	982355		4.95		697885		8.30		313519		10.21	
11	940366	987647		4.95		723554		8.30		333557		10.21	
12	940367	1004812		4.95		673524		8.30		311556		10.21	
13	940368	968004		4.95		658140		8.30		305421		10.21	
14	940369	953295		4.95		645742		8.30		308694		10.21	
15	940364MS	1026141		4.95		769997		8.30		366898		10.21	
16	940364MSD	1104020		4.95		823368		8.30		385563		10.21	
17													
18													
19													
20													
21													
22													

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): D02212 Date Analyzed: 08/08/08

Instrument ID: VOAMS4 Time Analyzed: 0526

		IS1 AREA	#	RT	#	IS2(CBZ) AREA	#	RT	#	IS3(DCB) AREA	#	RT	#
	12 HOUR STD	988234		4.95		781667		8.30		377162		10.21	
	UPPER LIMIT	1976468		5.45		1563334		8.80		754324		10.71	
	LOWER LIMIT	494117		4.45		390834		7.80		188581		9.71	
	LABORATORY SAMPLE NO.												
01	DV221	978778		4.95		689017		8.30		316546		10.21	
02	940034	919906		4.95		643678		8.30		292738		10.21	
03	940032	943408		4.95		689708		8.30		315798		10.21	
04	940033D1	949912		4.95		691569		8.30		324450		10.21	
05	940031D1	938429		4.95		662880		8.30		309517		10.21	
06	940361D1	961279		4.95		675745		8.30		309976		10.21	
07	940363D1	949939		4.95		680574		8.30		308985		10.21	
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): D02369 Date Analyzed: 08/15/08

Instrument ID: VOAMS4 Time Analyzed: 0356

		IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DCB) AREA #	RT #
	12 HOUR STD	1382979	4.93	1019508	8.29	496142	10.20
	UPPER LIMIT	2765958	5.43	2039016	8.79	992284	10.70
	LOWER LIMIT	691490	4.43	509754	7.79	248071	9.70
	LABORATORY SAMPLE NO.						
01	0307BS	1345306	4.93	985345	8.29	480669	10.20
02	DV228W	1262978	4.94	841210	8.29	407152	10.20
03	940031	1243646	4.93	880077	8.29	426435	10.20
04	940033	1320003	4.94	930400	8.29	438218	10.20
05	940360	1295212	4.94	888366	8.29	421700	10.20
06	940361	1291225	4.93	909051	8.29	426698	10.20
07	940362	1270372	4.93	872958	8.29	414051	10.20
08	940363	1268177	4.93	851382	8.29	412129	10.20
09	940364	1266581	4.93	872834	8.29	431913	10.20
10	940360MS	1316416	4.93	962915	8.29	464821	10.20
11	940360MSD	1336713	4.93	973023	8.29	470908	10.20
12	940365	1233539	4.93	904653	8.29	398411	10.20
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Injection Log Book

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH/08-06-08DE/06aug08de.b

Date Generated: 08/07/2008

Page 1

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
08/06/08 0940	d02148.d	2	DBFB219				0	0	1	all			8260	G
08/06/08 1022	d02149.d	1	DSTD005				5	10	1	all			GAS 50:	G
08/06/08 1109	d02151.d	3	DSTD010				5	10	1	all			GAS 500: 490 MIX1 50:	G
08/06/08 1133	d02152.d	4	DSTD020				5	10	1	all			MIX1 500: 494 5&6 50:	G
08/06/08 1156	d02153.d	5	DSTD050				5	10	1	all			5&6 500: 496 MIX7:	G
08/06/08 1220	d02154.d	6	DSTD100				5	10	1	all			497 GAS BS: 491	G
08/06/08 1243	d02155.d	7	DSTD200				5	10	1	all			8260 BS: 499 ISTD:	G

SS 500: 504 IS/SS:

BFB SS: 503 MISC:

M10H E20E30

Signed: A. Dayad

Read and Understood by: Samudh Desai

Date: 8-06-08.

Date: 08/07/08

698

TestAmerica Edison

X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b

Date Generated: 08/08/2008

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
08/07/08 0531	d02161.d	2	DBFB220				0	0	1	all				G
08/07/08 0558	d02162.d	1	DSTD220				5	10	1	all			8260	G
08/07/08 0621	d02163.d	2	0231BS				5	0	1	8260all			GAS 50:	G
08/07/08 0645	d02164.d	3	BS		07au		5	0	1	all			GAS 500: 490 MIX1 50:	G
08/07/08 0711	d02165.d	4	DV220		07au		5	0	1	all			MIX1 500: 494 5&6 50:	(N.M.)
08/07/08 0736	d02166.d	5	DV220				5	0	1	all			5&6 500: 496 MIX7:	
08/07/08 0906	d02167.d	6	DV220				5	0	1	all	DV-220		497 GAS BS: 491 8260 BS:	G
08/07/08 0930	d02168.d	7	940370 C	080508-TB	X765	0231	5	0	1	HSLVOAv+10		1.3	499 ISTD: SS 500: 504	MeCl2 ↑ G confirmed 102218
08/07/08 0954	d02169.d	8	940028 F	080408-01	X765	0231	5	0	1	HSLVOAv+10		1.3	IS/SS:	G
08/07/08 1018	d02170.d	9	940029 F	080408-02	X765	0231	5	0	1	HSLVOAv+10		1.3	BFB SS: 503 MISC:	G
08/07/08 1042	d02171.d	10	940030 F	080408-03	X765	0231	5	0	1	HSLVOAv+10		1.3	MeOH E20E38	G
08/07/08 1106	d02172.d	11	940031 F	080408-04	X765	0231	5	0	1	HSLVOAv+10		1.3		RR 100X
08/07/08 1130	d02173.d	12	940032 F	080408-05	X765	0231	5	0	2	HSLVOAv+10		1.3		RR 1X
08/07/08 1154	d02174.d	13	940033 F	080408-06	NAX7	0231	5	0	1	HSLVOAv+10		1.3		RR 5X

699

TestAmerica Edison

X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b

Date Generated: 08/08/2008

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
08/07/08 1219	d02175.d	14	940034 C	080408-TB	X765	0231	5	0	1	HSLVOAv+10	DV-220	1.3		RR c/o CONF d072219
08/07/08 1242	d02176.d	15	940360 DF	080508-07 DF 8-15-08	X765	0231	5	0	2500	HSLVOAv+10		1.3		G
08/07/08 1306	d02177.d	16	940361 F	080508-08	X765	0231	5	0	50	HSLVOAv+10		1.3		RR 25X
08/07/08 1330	d02178.d	17	940362 DF	080508-09 DF 8-15-08	X765	0231	5	0	5	HSLVOAv+10		1.3		G
08/07/08 1355	d02179.d	18	940363 F	080508-10	X765	0231	5	0	10	HSLVOAv+10		1.3		RR 2X
08/07/08 1419	d02180.d	19	940364 DF	080508-11 DF 8-15-08	X765	0231	5	0	5	HSLVOAv+10		1.3		G
08/07/08 1443	d02181.d	20	940365 DF	080508-12 DF 8-15-08	X765	0231	5	0	5	HSLVOAv+10		1.3		G
08/07/08 1507	d02182.d	21	940366 F	080508-13	X765	0231	5	0	1	HSLVOAv+10		1.3		G
08/07/08 1532	d02183.d	22	940367 F	080508-14	X765	0231	5	0	1	HSLVOAv+10		1.3		G
08/07/08 1556	d02184.d	23	940368 F	080508-15	X765	0231	5	0	2	HSLVOAv+10		1.3	DF 8-15-08	WTR See String + Run G
08/07/08 1620	d02185.d	24	940369 F	080508-16	X765	0231	5	0	1	HSLVOAv+10		1.3		G
08/07/08 1644	d02186.d	25	940364MS F	080508-11MS	X765	0231	5	0	5	8260all		1.3		G
08/07/08 1708	d02187.d	26	940364MSD F		X765	0231	5	0	5	8260all		1.3		G
08/07/08 1732	d02188.d	27	940031 F	080408-04	X765	0231	5	0	250	HSLVOAv+10		1.3		RR PASTE lock.

700
TestAmerica Edison
X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH/08-06-08DE/07aug08de.b

Date Generated: 08/08/2008

Page 3

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
08/07/08 1756	d02189.d	28	940033 F	080408-06	X765	0231	5	0	5	HSLVOAv+10	DV-220	1.3		RR Past clock.
08/07/08 1819	d02190.d	29	940032 F	080408-05	X765	0231	5	0	1	HSLVOAv+10	↓	1.3		↓ ↓
08/07/08 1843	d02191.d	30	XSTD220				5	0	1	all	↓	–		G
08/07/08 1907	d02192.d	31	XSTD220		07au		5	0	1	all	↓	–		(N.U.)
08/07/08 1930	d02193.d	32	BLANK		07au		5	0	1	HSLVOAv+10	↓	–		↓

Signed: A. Tupyack Read and Understood by: Danielle Dusa

Date: 8-07-08. Date: 08/08/08

701

TestAmerica Edison

X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b

Date Generated: 08/11/2008

Page 1

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
													8260	
08/08/08 0459	d02211.d	2	DBFB221				0	0	1	all			GAS 50:	G
08/08/08 0526	d02212.d	1	DSTD221				5	0	1	all			GAS 500: V08-490	
08/08/08 0550	d02213.d	2	DV221BS				5	0	1	8260all			MIX1 50:	G
08/08/08 0614	d02214.d	3	BS		08au		5	0	1	all			MIX1 500: -494	
08/08/08 0638	d02215.d	4	DV221		08au		5	0	1	all			5&6 50:	G
08/08/08 0702	d02216.d	5	DV221				5	0	1	all			5&6 500: -496	NG NOT NEEDED
08/08/08 0726	d02217.d	6	DV221				5	0	1	all			MIX7: -497	
08/08/08 0750	d02218.d	7	940370 E	080508-TB	X765	0231	5	0	1	HSLVOAv+10			GAS BS: -491	NG C/O
08/08/08 0813	d02219.d	8	940034 B	080408-TB	X765	0231	5	0	1	HSLVOAv+10			8260 BS: -499	
08/08/08 0837	d02220.d	9	940032 E	080408-05	X765	0231	5	0	1	HSLVOAv+10			ISTD: LB58129	NG C/O
08/08/08 0901	d02221.d	10	940033 D1 E	080408-06 D1 (05) 8-15-08	X765	0231	5	0	5	HSLVOAv+10			SS 500: -504	G
08/08/08 0925	d02222.d	11	940031 D1 E	080408-04 D1 (10) 8-15-08	X765	0231	5	0	100	HSLVOAv+10			MS/SS: -476	
08/08/08 0949	d02223.d	12	940361 D1 E	080508-08 D1 (04) 8-15-08	X765	0231	5	0	25	HSLVOAv+10			BFB SS: -503	G conf by D02168
08/08/08 1013	d02224.d	13	940363 E	080508-10	X765	0231	5	0	2	HSLVOAv+10			MISC:	(10) 8-14-08
													MeOH: E20E8	G conf only by 8260
														G
														G
														G
														G
														NG

											DV221	<2		

TestAmerica Edison

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH/08-06-08DE/08aug08de.b

Date Generated: 08/11/2008

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
08/08/08 1050	d02225.d	14	940363D E	080508-10 D1 8-15-08	X765	0231	5	0	5	HSLVOAv+10	DV721	47		G
08/08/08 1125	d02226.d	15	XSTD221				5	0	1	all				G
08/08/08 1149	d02227.d	16	XSTD221		08au		5	0	1	HSLVOAv+10				NH NOT Needed
08/08/08 1213	d02228.d	17	BLANK		08au		5	0	1	all				-
08/08/08 1404	d02229.d	18	BS-1				5	0	1	8260all				-
08/08/08 1428	d02230.d	19	BS-2				5	0	1	8260all				-
08/08/08 1452	d02231.d	20	BS-3				5	0	1	8260all				-
	d02232.d	1			08au		5	0	1	HSLVOAv+10				Corrupt file

Signed: Eddie Mc Read and Understood by: [signature]

Date: 08/11/08 Date: 08/11/08

703

TestAmerica Edison

X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH/08-14-08DE/14aug08de.b

Date Generated: 08/15/2008

Page 1

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
08/14/08 0327	d02314.d	2	DBFB227				0	0	1	all			8260	G DE
08/14/08 0419	d02316.d	2	DSTD005				5	10	1	all			GAS 50:	G
08/14/08 0443	d02317.d	3	DSTD010				5	10	1	all			GAS 500: 524 MIX1 50:	G
08/14/08 0507	d02318.d	4	DSTD020				5	10	1	all			MIX1 500: 494 5&6 50:	G
08/14/08 0530	d02319.d	5	DSTD050				5	10	1	all			5&6 500: 496 MIX7:	G
08/14/08 0554	d02320.d	6	DSTD100				5	10	1	all			497 GAS BS: 525	G
08/14/08 0618	d02321.d	7	DSTD200				5	10	1	all			8260 BS: 499 ISTD:	G

SS 500: 504 IS/SS:

BFB SS: 503 MISC: m.OH E20 E38

Signed: A. Tupayachi Read and Understood by: Ken Boyd

Date: 8-14-08. Date: 8-15-08

704 TestAmerica Edison X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b

Date Generated: 08/15/2008

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
													8260	
08/15/08 0331	d02368.d	2	DBFB228				0	0	1	all			GAS 50:	
													GAS 500: V08-514	G
08/15/08 0356	d02369.d	1	DSTD228				5	10	1	all			MIX1 50:	
													MIX1 500: -494	G
08/15/08 0420	d02370.d	2	0307BS				5	0	1	8260all			5&6 50:	G
08/15/08 0532	d02373.d	5	DV228W				5	0	1	all			5&6 500: -496	G
08/15/08 0633	d02375.d	7	940031 E	080408-04	X765	0307	5	0	10	HSLVOAv+10			MIX7: -497	
											DV228W	12	GAS BS: -525	G
08/15/08 0657	d02376.d	8	940033 E	080408-06	X765	0307	5	0	1	HSLVOAv+10		12	8260 BS: -499	G
08/15/08 0720	d02377.d	9	940360 E	080508-07	X765	0307	5	0	250	HSLVOAv+10		12	ISTD: LB58129	
													SS 500: -504	G
08/15/08 0744	d02378.d	10	940361 E	080508-08	X765	0307	5	0	5	HSLVOAv+10			IS/SS:	
												12	BFB SS: -503	G
08/15/08 0808	d02379.d	11	940362 E	080508-09	X765	0307	5	0	1	HSLVOAv+10			MISC:	
												12	MeOH: E22E25	G
08/15/08 0832	d02380.d	12	940363 D	080508-10	X765	0307	5	0	1	HSLVOAv+10				
												12		G
08/15/08 0855	d02381.d	13	940364 E	080508-11	X765	0307	5	0	1	HSLVOAv+10				
												12		G
08/15/08 0919	d02382.d	14	940365 E	080508-12	X765	0307	5	0	1	HSLVOAv+10				
												12		∅ NU
08/15/08 0943	d02383.d	15	940368 E	080508-15	X765	0307	5	0	1	HSLVOAv+10				
												12		NG re-run to confirm
08/15/08 1007	d02384.d	16	940360MS E		X765	0307	5	0	250	8260all				
												12		G

705 TestAmerica Edison X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH/08-14-08DE/15aug08de.b

Date Generated: 08/15/2008

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
08/15/08 1031	d02385.d	17	940360MSD E		X765	0307	5	0	250	8260all	DV228W	<2		G
08/15/08 1103	d02386.d	18	BLANK		15au		5	10	1	all				—
08/15/08 1127	d02387.d	19	940362 E	080508-09	X765	0307	5	0	1	HSLVOAv+10		<2		G D02379 CONF ONLY
08/15/08 1151	d02388.d	20	940365 F	080508-12	X765	0307	5	0	1	HSLVOAv+10		<2		G
08/15/08 1215	d02389.d	21	XSTD228				5	10	1	all				G
08/15/08 1626	d02397.d	30	940368 F	080508-15	X765	0307	5	10	1	HSLVOAv+10		<2		— TEST

Signed: Eddie Moore Read and Understood by: S. McGarry

Date: 08/15/08 Date: 08/15/08

706 TestAmerica Edison X765

GC/MS Forms and Data (Semivolatiles)

Results Summary and Chromatograms

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5803.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5803.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-01**
Site: GM Wilmington-17338

Lab Sample No: **940028**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5803.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5803.d
Report Date: 11-Aug-2008 14:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5803.d
Lab Smp Id: 940028 Client Smp ID: 080408-01
Inj Date : 10-AUG-2008 21:06
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940028;4444804
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.484	4.483	(0.773)	144716	39.8571	80
$ 17 Phenol-d5 (SUR)	99	5.388	5.401	(0.929)	124807	24.5230	50
* 79 1,4-Dichlorobenzene-d4	152	5.800	5.799	(1.000)	117683	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.398	6.404	(0.897)	216743	35.8767	72
* 80 Naphthalene-d8	136	7.135	7.135	(1.000)	518980	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.225	8.232	(0.918)	377898	37.2286	75
* 82 Acenaphthene-d10	164	8.957	8.956	(1.000)	370712	40.0000	
47 Fluorene	166	9.761	9.501	(1.090)	7312	0.66502	1.3(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.761	9.767	(1.090)	198565	88.6914	180
50 4-Bromophenyl-phenylether	248	9.761	9.953	(0.934)	12444	3.20966	6.5(a)
* 83 Phenanthrene-d10	188	10.452	10.459	(1.000)	632594	40.0000	
56 Fluoranthene	202	12.021	11.695	(1.150)	2441	0.10955	0.22(a)
57 Pyrene	202	12.021	11.934	(0.904)	2441	0.12967	0.26(a)
$ 78 Terphenyl-d14	244	12.021	12.020	(0.904)	598892	40.9692	83
* 81 Chrysene-d12	240	13.303	13.310	(1.000)	656345	40.0000	
* 84 Perylene-d12	264	15.317	15.324	(1.000)	556823	40.0000	

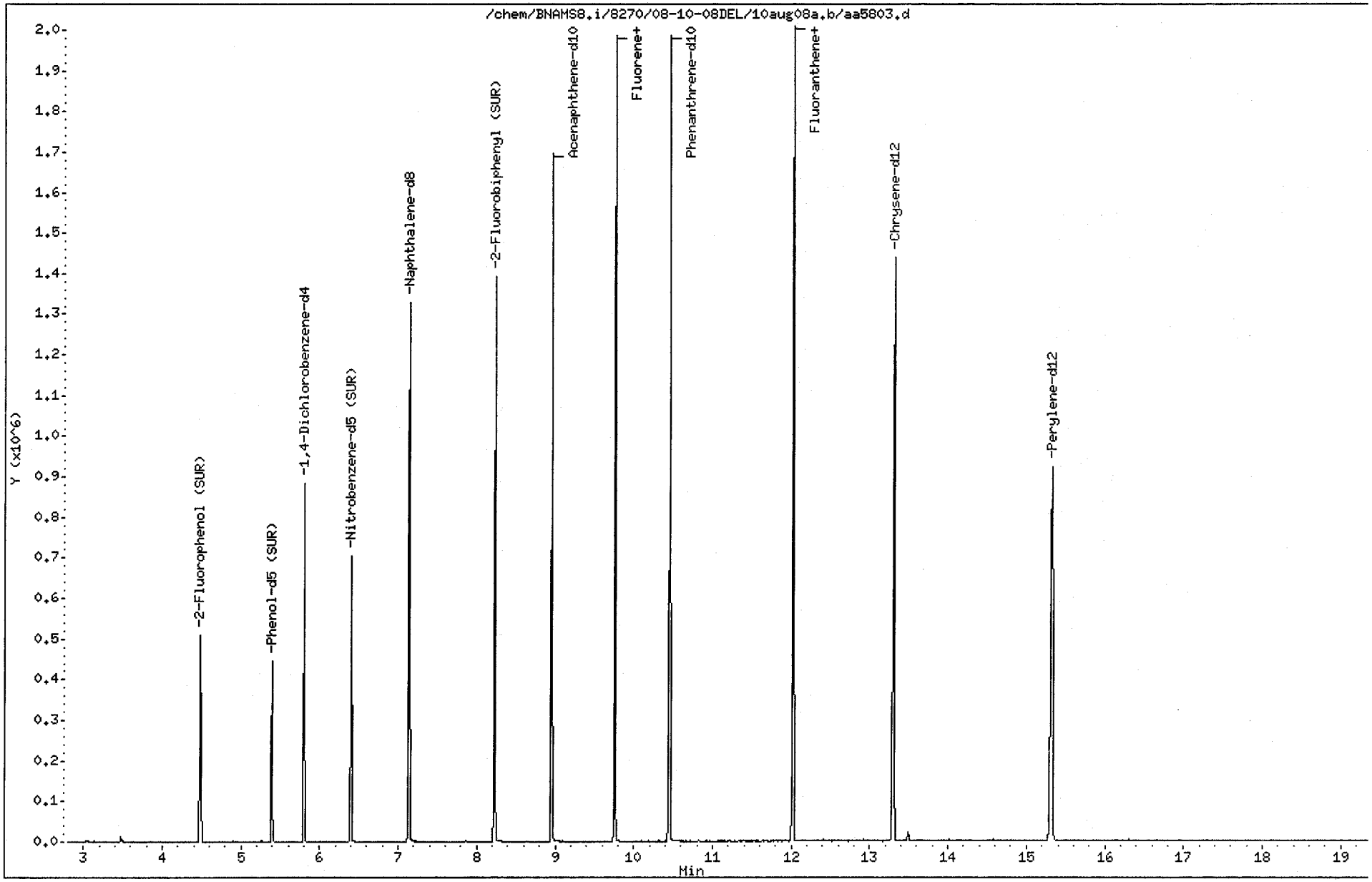
Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5803.d
Report Date: 11-Aug-2008 14:33

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5803.d
Date : 10-AUG-2008 21:06
Client ID: 080408-01
Sample Info: 940028;4444804
Volume Injected (uL): 1.0
Column phase: DB-5

Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25



713
TestAmerica Edison
X765

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5803.d

Date : 10-AUG-2008 21:06

Client ID: 080408-01

Instrument: BNAMS8.i

Sample Info: 940028;4444804

Volume Injected (uL): 1.0

Operator: BNAMS 4

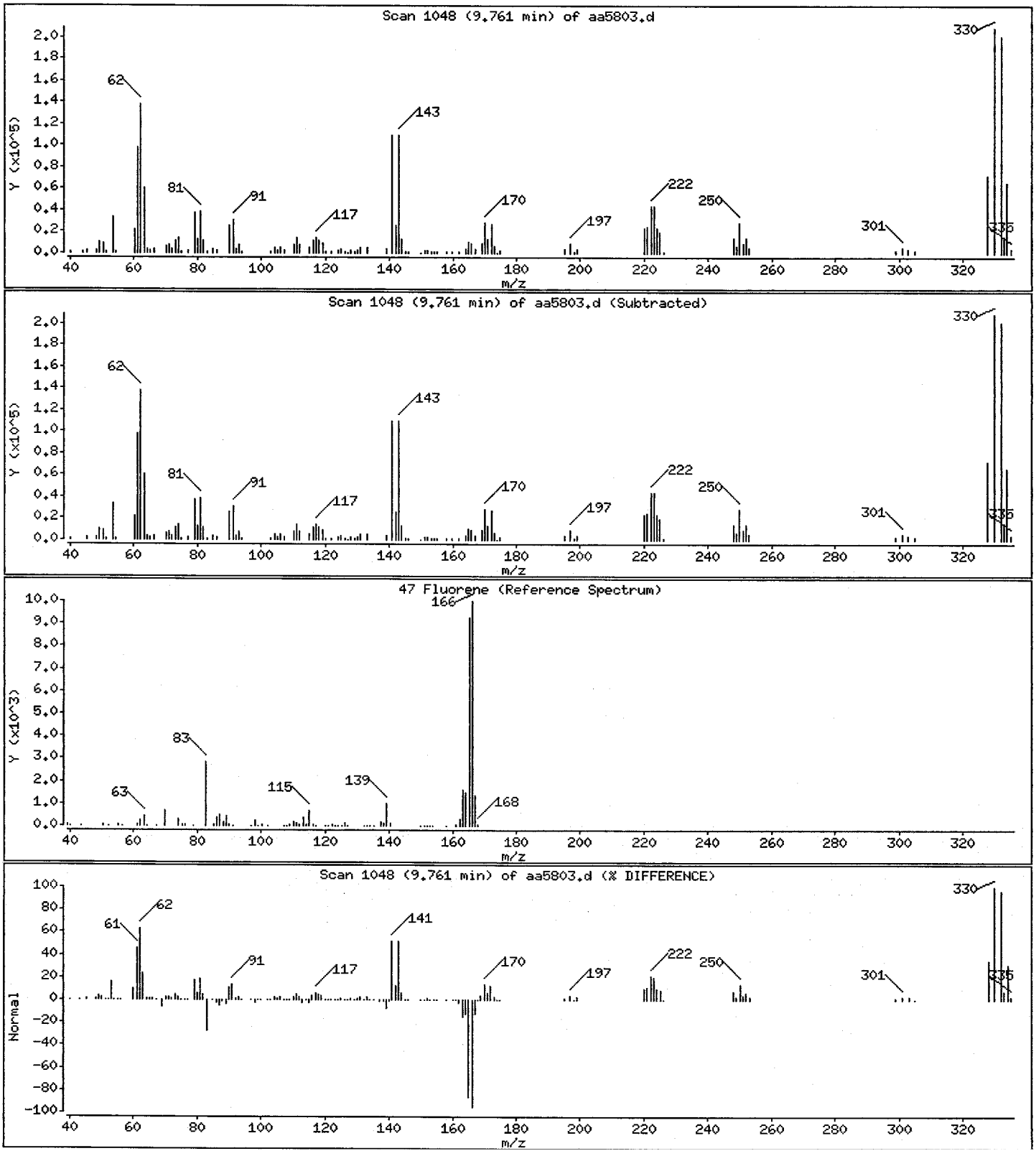
Column phase: DB-5

Column diameter: 0.25

47 Fluorene

Concentration: 1.3 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5803.d

Date : 10-AUG-2008 21:06

Client ID: 080408-01

Instrument: BNAMS8.i

Sample Info: 940028:4444804

Volume Injected (uL): 1.0

Operator: BNAMS 4

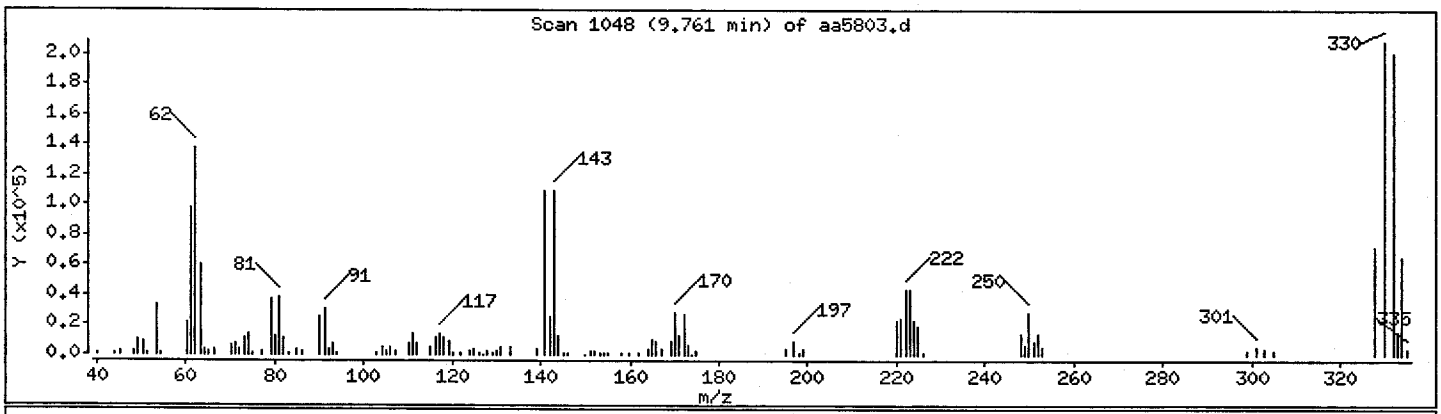
Column phase: DB-5

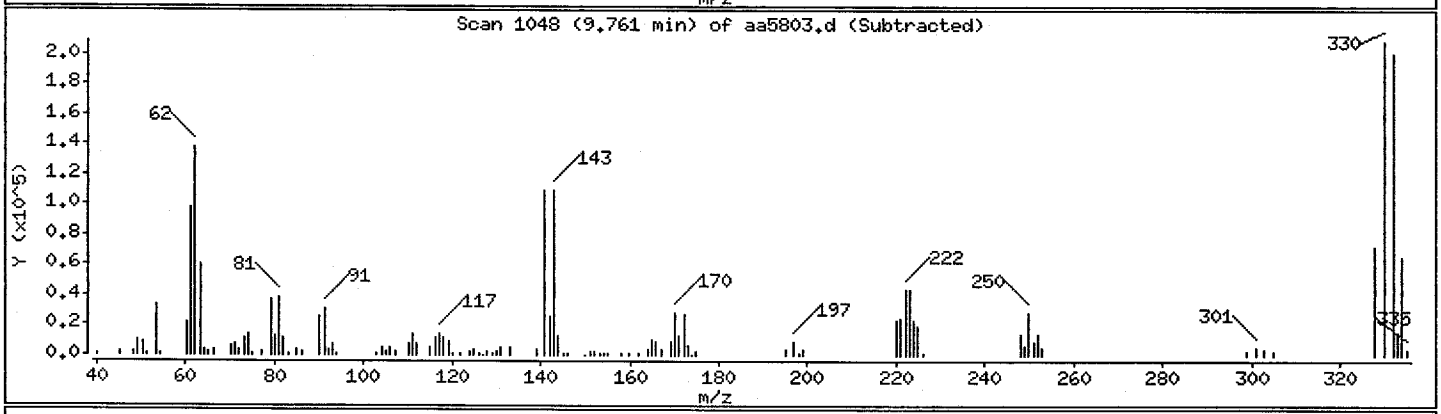
Column diameter: 0.25

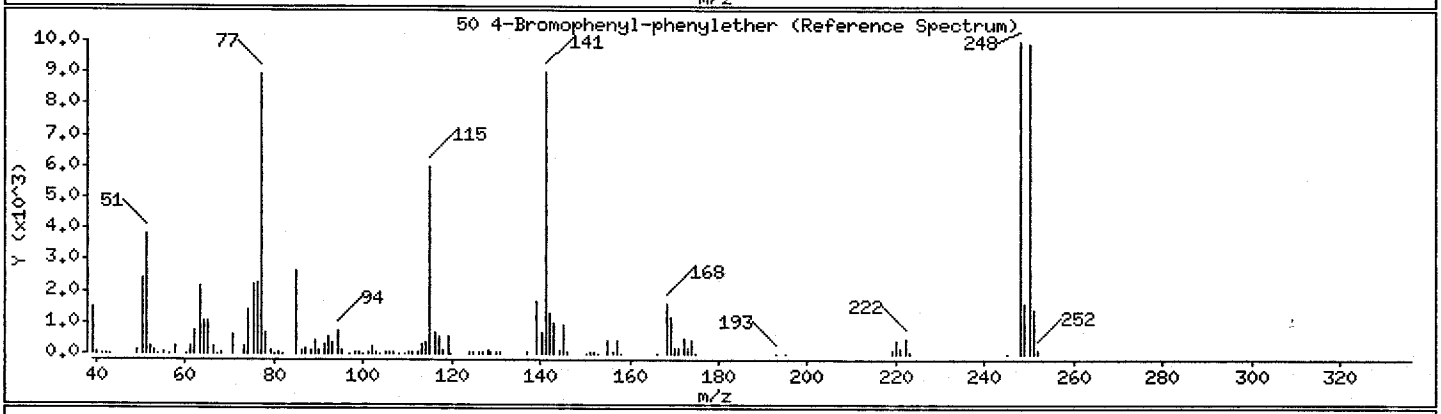
50 4-Bromophenyl-phenylether

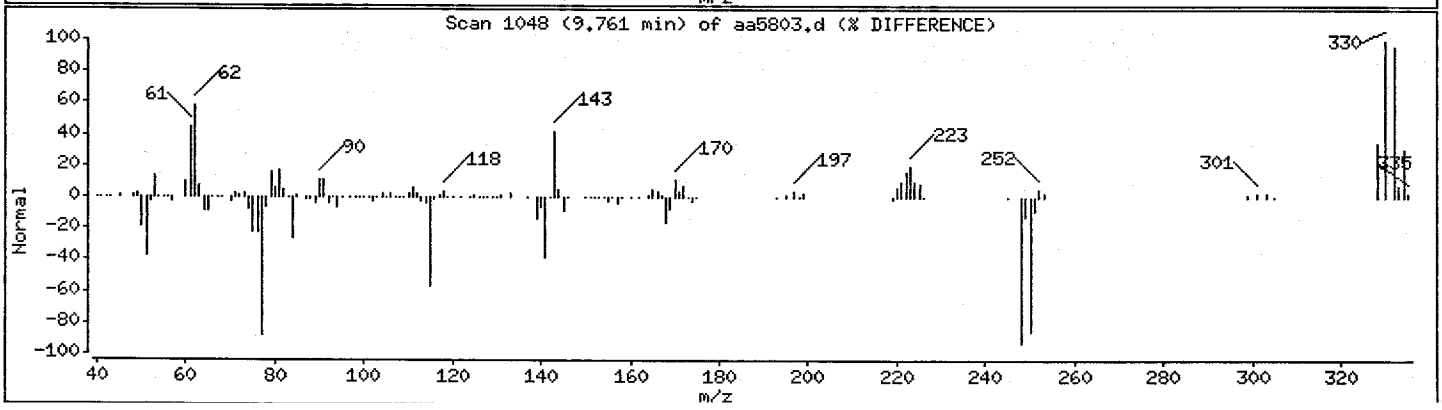
Concentration: 6.5 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5803.d

Date : 10-AUG-2008 21:06

Client ID: 080408-01 Instrument: BNAMS8.i

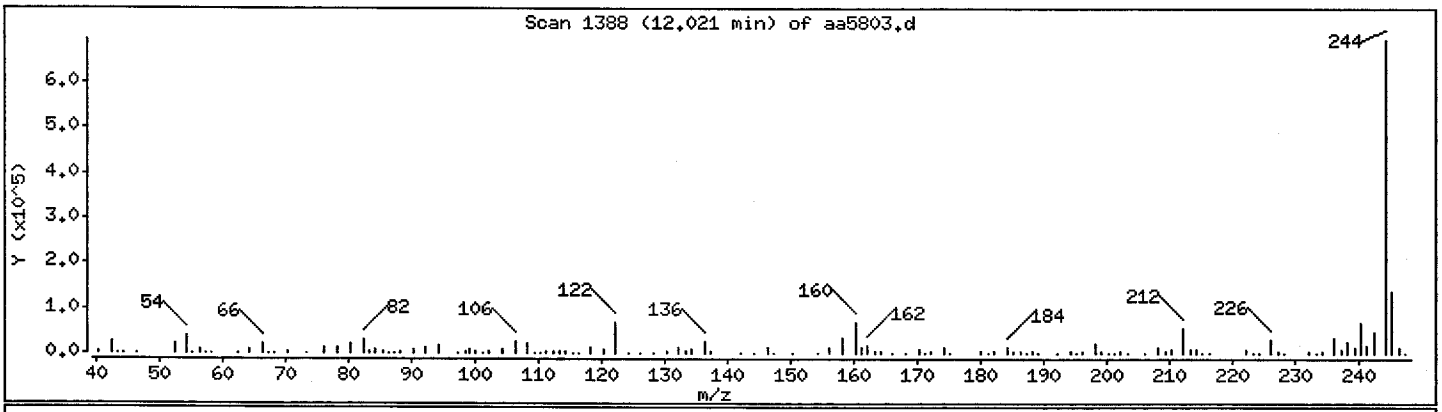
Sample Info: 940028;4444804

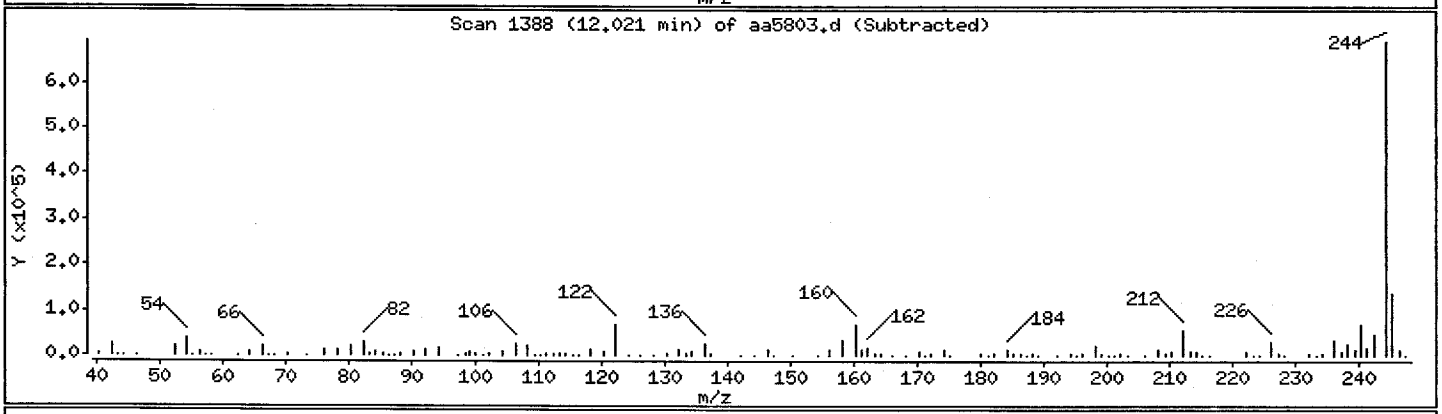
Volume Injected (uL): 1.0 Operator: BNAMS 4

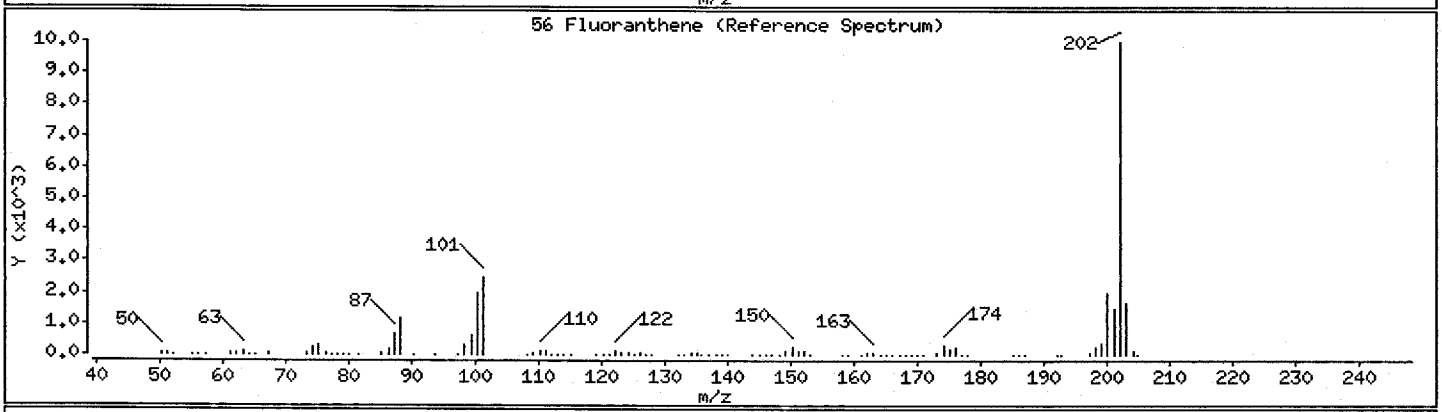
Column phase: DB-5 Column diameter: 0.25

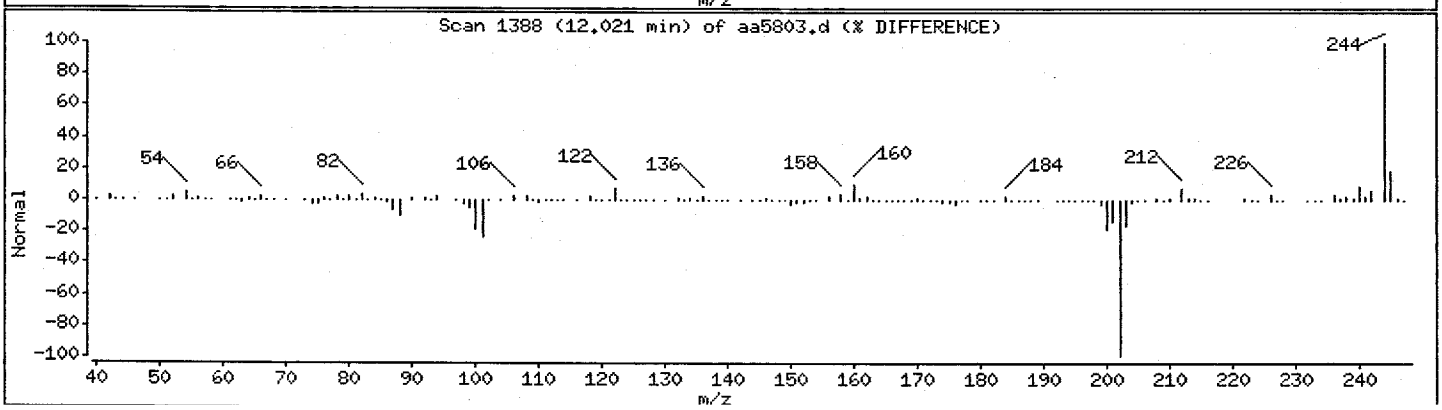
56 Fluoranthene Concentration: 0.22 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5803.d

Date : 10-AUG-2008 21:06

Client ID: 080408-01

Instrument: BNAMS8.i

Sample Info: 940028;4444804

Volume Injected (uL): 1.0

Operator: BNAMS 4

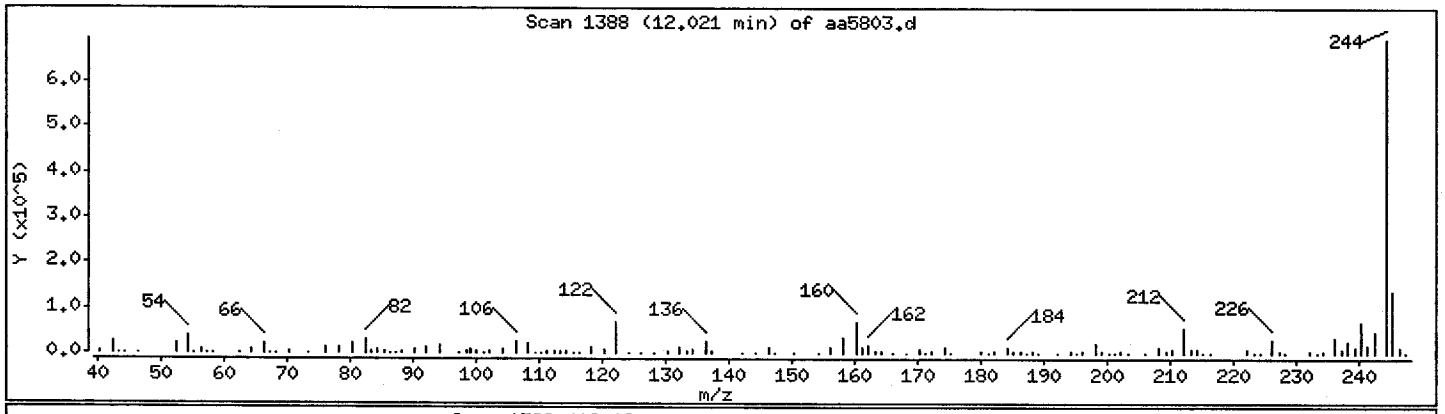
Column phase: DB-5

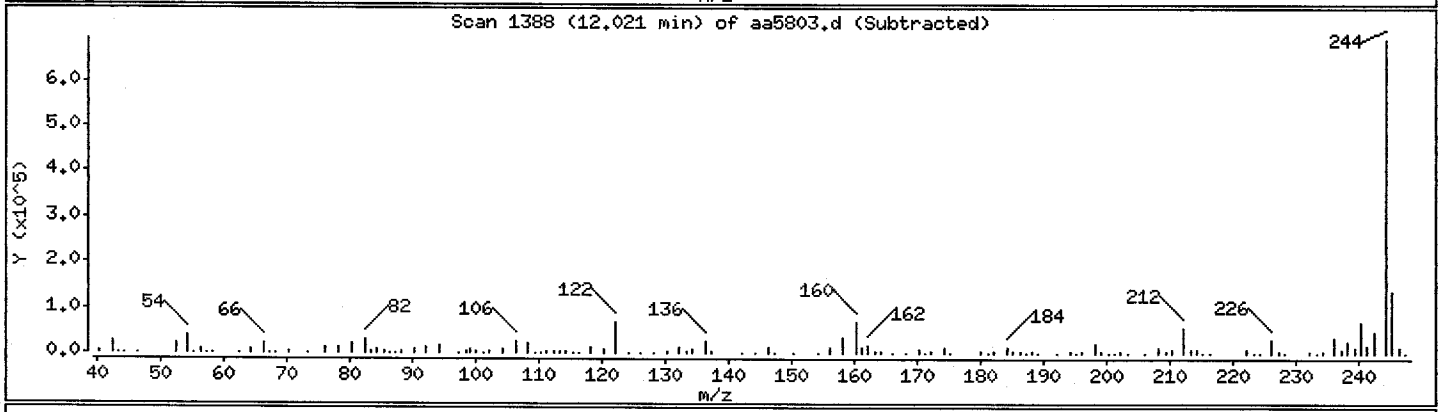
Column diameter: 0.25

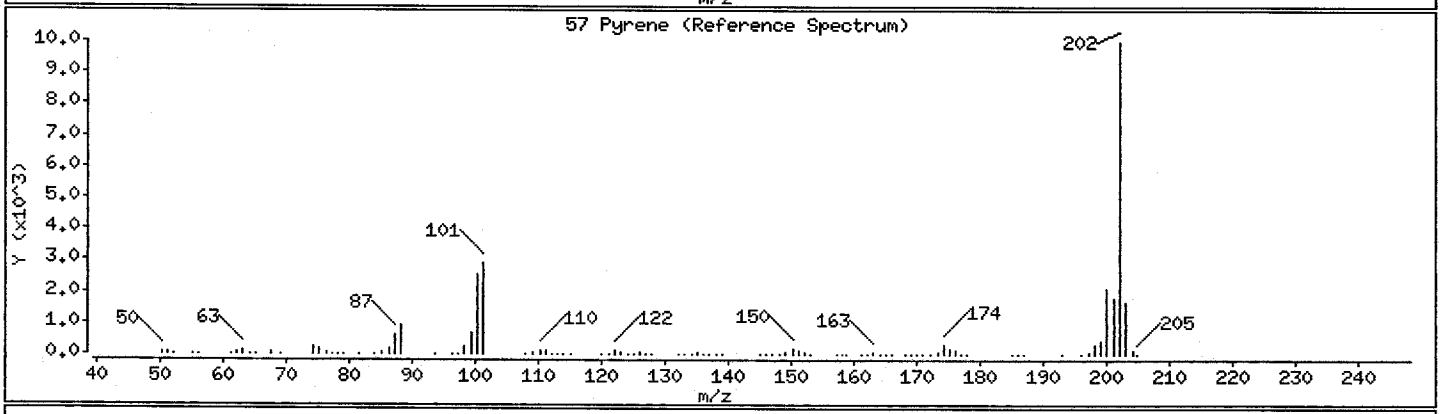
57 Pyrene

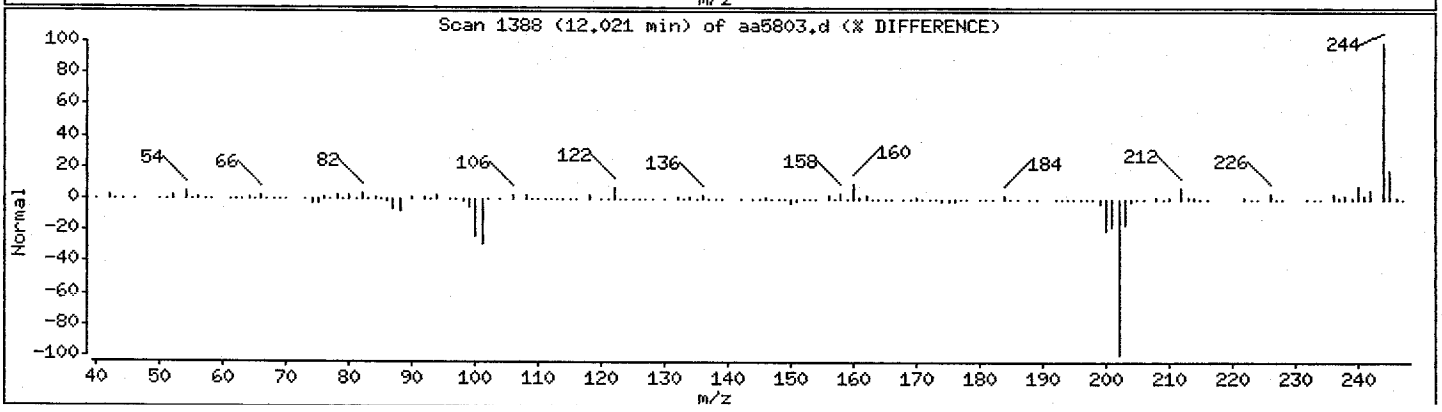
Concentration: 0.26 ug/L

FALSE POSITIVE Init. 06









Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5804.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	0.3J	10
Dibenzofuran	ND	10

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5804.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-02**
Site: GM Wilmington-17338

Lab Sample No: **940029**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5804.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	2-Hexanol	3.32	31	
2.	Indane	6.02	27	
3.	Diethylbenzene isomer	6.11	9.9	
4.	Ethyldimethylbenzene isomer	6.35	11	
5.	C10H12 Aromatic	6.87	11	
6.	Hexadecanoic acid, butyl ester	11.70	15	
7.	Phenol, 4,4'-(1-methylethylidene)bis-	11.92	160	
8.	Octadecanoic acid, butyl ester	12.41	12	
9.	Unknown	15.03	14	
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	291

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d
Report Date: 11-Aug-2008 14:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d
Lab Smp Id: 940029 Client Smp ID: 080408-02
Inj Date : 10-AUG-2008 21:30
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940029;4444830
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

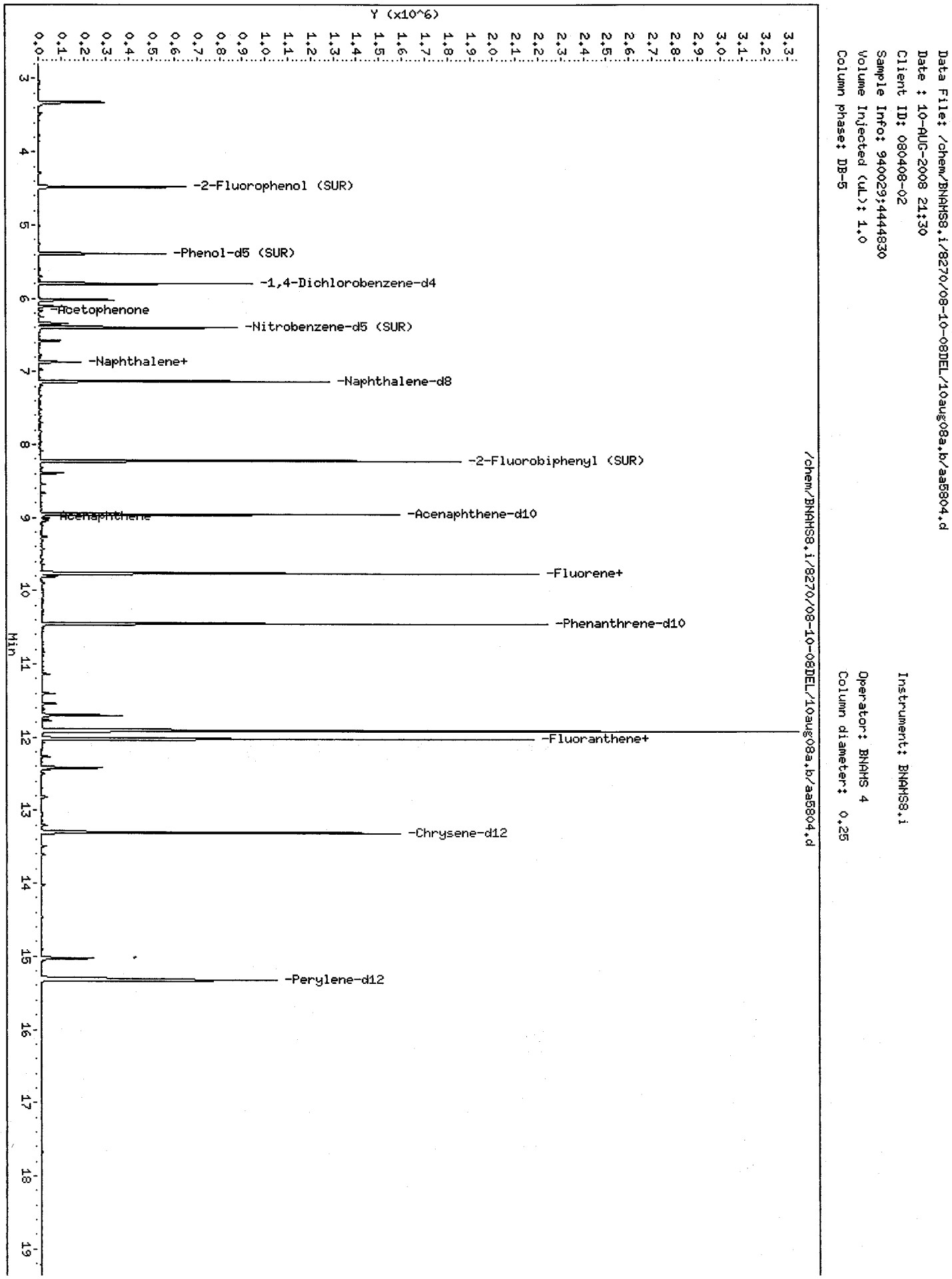
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.479	4.483	(0.773)	170167	41.6558	84
$ 17 Phenol-d5 (SUR)	99	5.389	5.401	(0.930)	143736	25.1023	51
* 79 1,4-Dichlorobenzene-d4	152	5.795	5.799	(1.000)	132404	40.0000	
104 Acetophenone	105	6.174	6.231	(1.065)	3111	0.44677	0.90(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.400	6.404	(0.897)	247511	37.6451	76
* 80 Naphthalene-d8	136	7.137	7.135	(1.000)	564811	40.0000	
31 Naphthalene	128	6.872	7.162	(0.963)	2583	0.19366	0.39(a)
32 4-Chloroaniline	127	6.872	7.208	(0.963)	1358	0.24208	0.49(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.227	8.232	(0.918)	442084	39.5782	80
* 82 Acenaphthene-d10	164	8.959	8.956	(1.000)	407931	40.0000	
42 Acenaphthene	154	8.985	8.996	(1.003)	1820	0.16052	0.32(a)
47 Fluorene	166	9.763	9.501	(1.090)	9001	0.74391	1.5(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.763	9.767	(1.090)	217155	88.1450	180
50 4-Bromophenyl-phenylether	248	9.763	9.953	(0.934)	14545	3.42213	6.9(a)
* 83 Phenanthrene-d10	188	10.454	10.459	(1.000)	693471	40.0000	
56 Fluoranthene	202	12.023	11.695	(1.150)	2942	0.12040	0.24(a)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d
Report Date: 11-Aug-2008 14:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
~~57 Pyrene~~	~~202~~	~~12.023~~	~~11.934~~	~~(0.904)~~	~~2942~~	~~0.14092~~	~~0.28(a)~~
$ 78 Terphenyl-d14	244	12.023	12.020	(0.904)	661106	40.7959	82
* 81 Chrysene-d12	240	13.305	13.310	(1.000)	727606	40.0000	
* 84 Perylene-d12	264	15.319	15.324	(1.000)	625216	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d
Date : 10-AUG-2008 21:30
Client ID: 080408-02
Sample Info: 940029;4444830
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Acetophenone
-Nitrobenzene-d5 (SUR)
-Naphthalene+
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
-Fluorene+
-Phenanthrene-d10
-Fluoranthene+
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

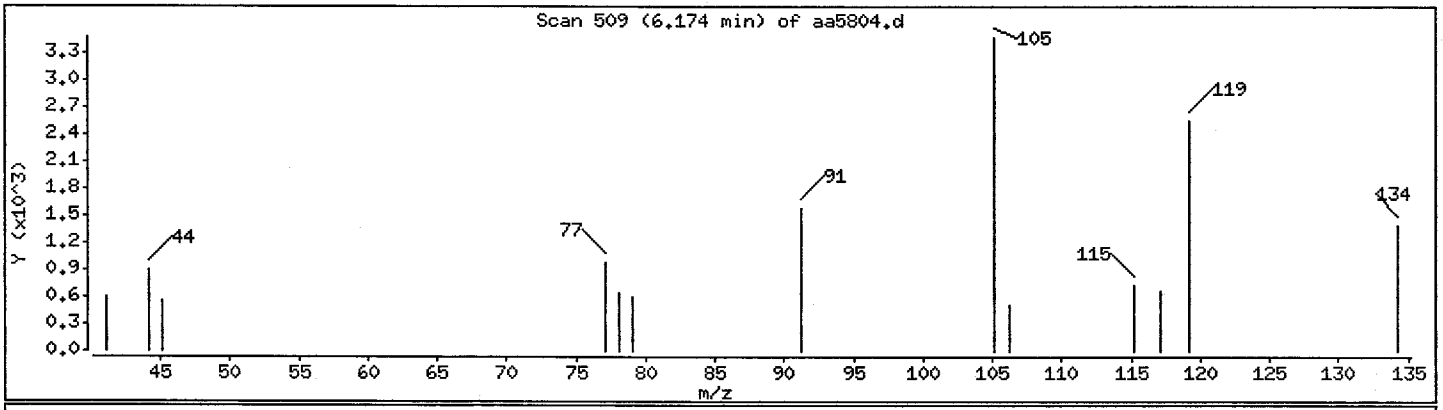
Client ID: 080408-02 Instrument: BNAMS8.i

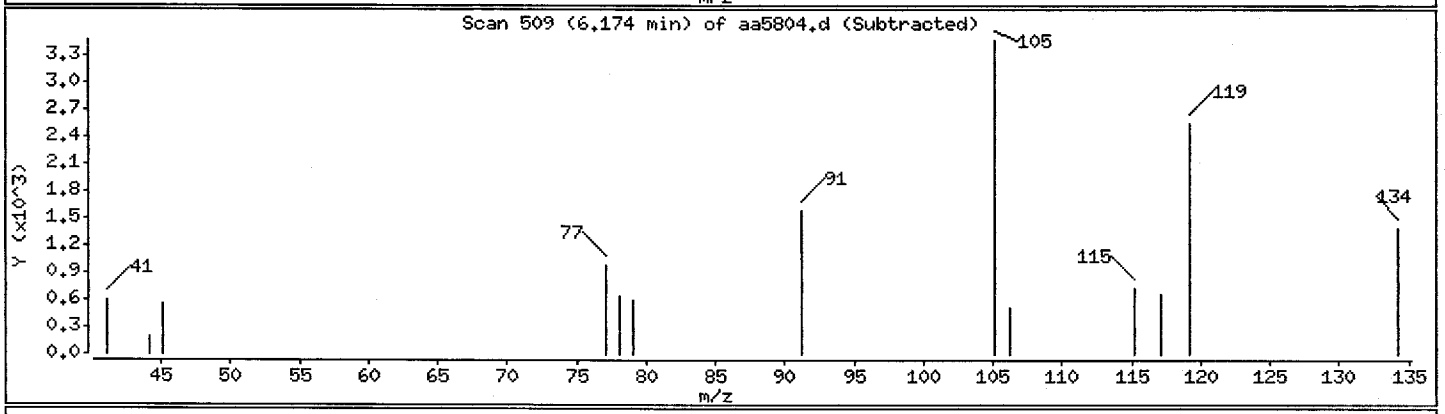
Sample Info: 940029;4444830

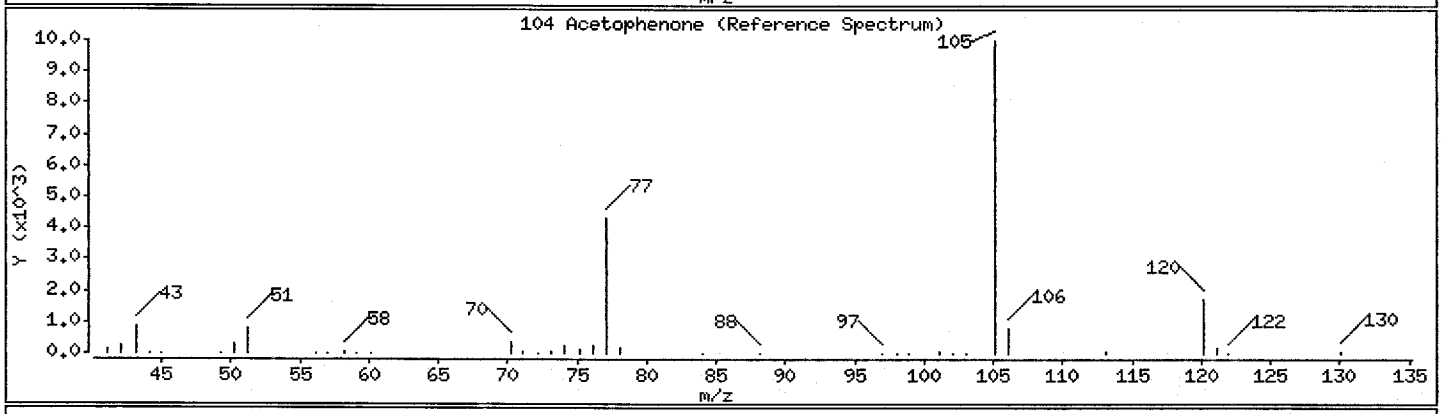
Volume Injected (uL): 1.0 Operator: BNAMS 4

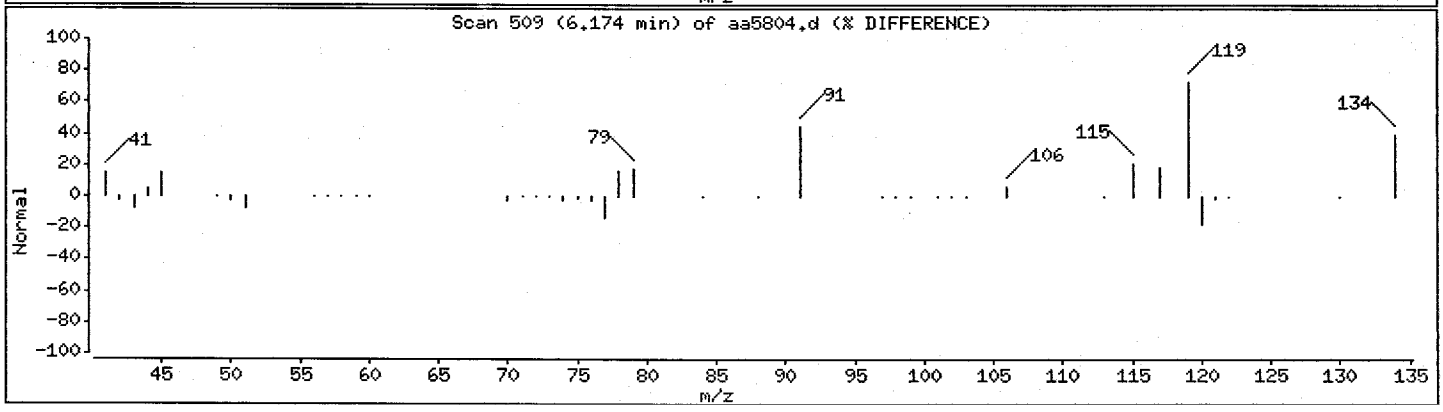
Column phase: DB-5 Column diameter: 0.25

104 Acetophenone Concentration: 0.90 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

Client ID: 080408-02

Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0

Operator: BNAMS 4

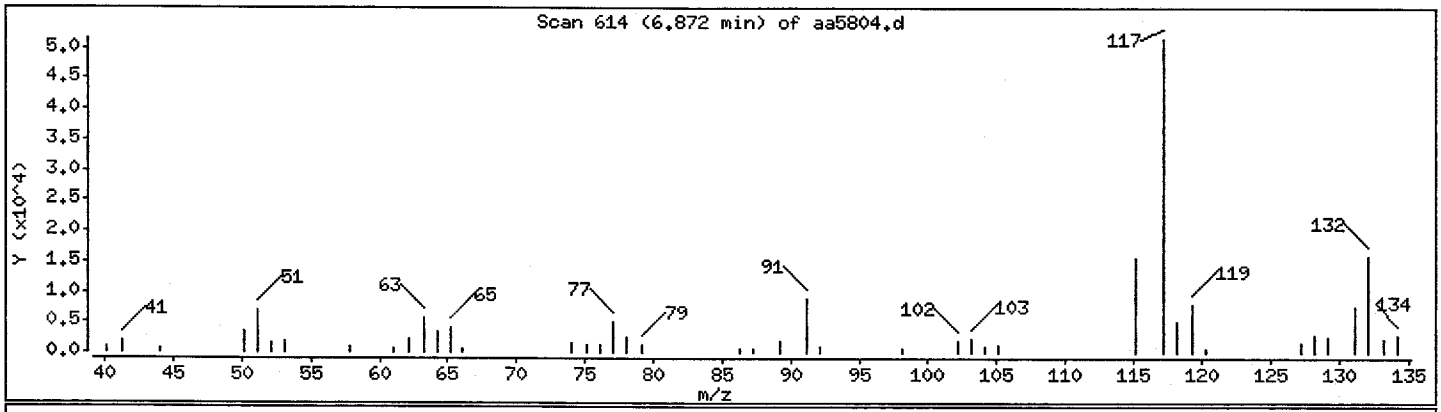
Column phase: DB-5

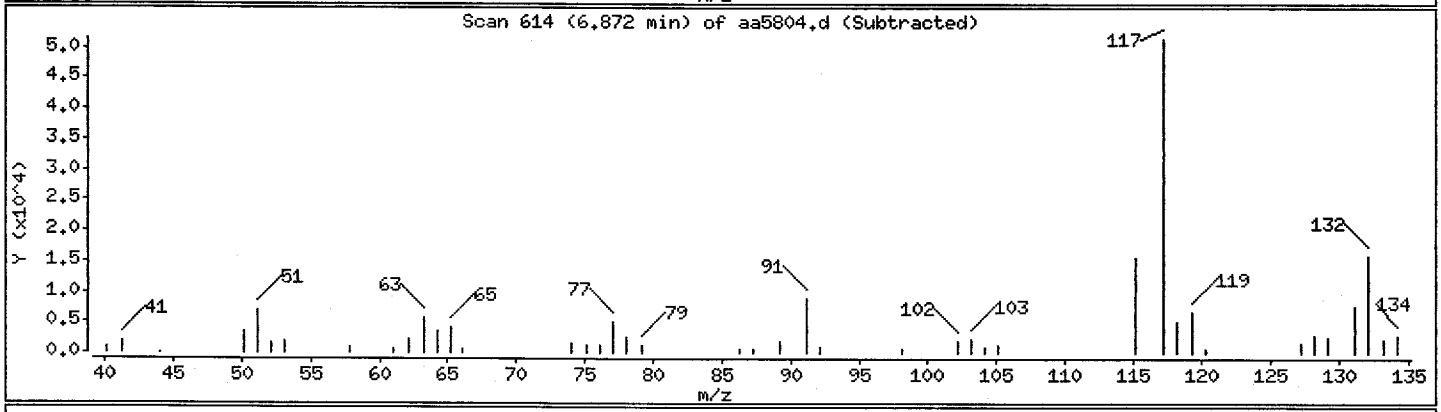
Column diameter: 0.25

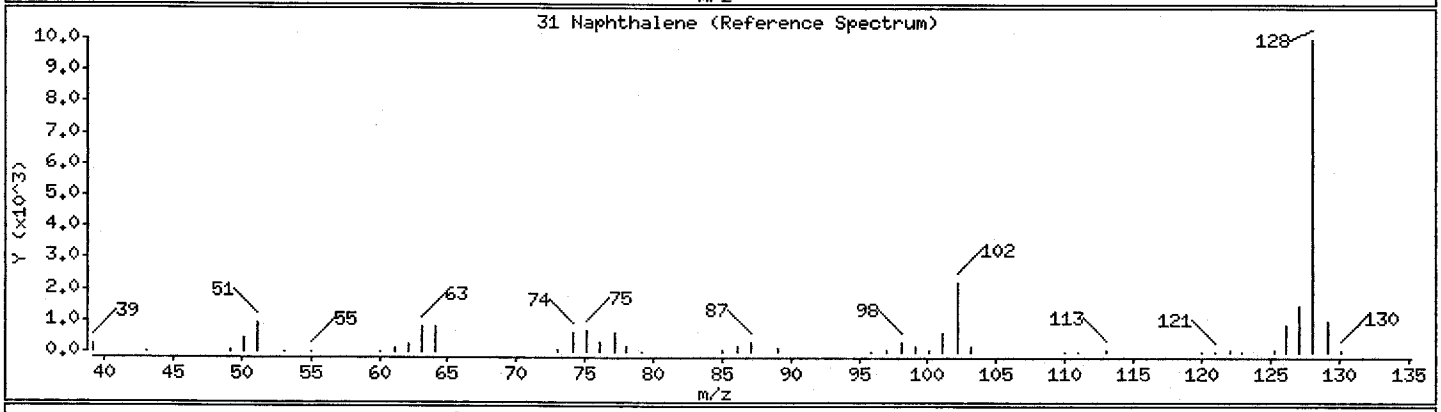
31 Naphthalene

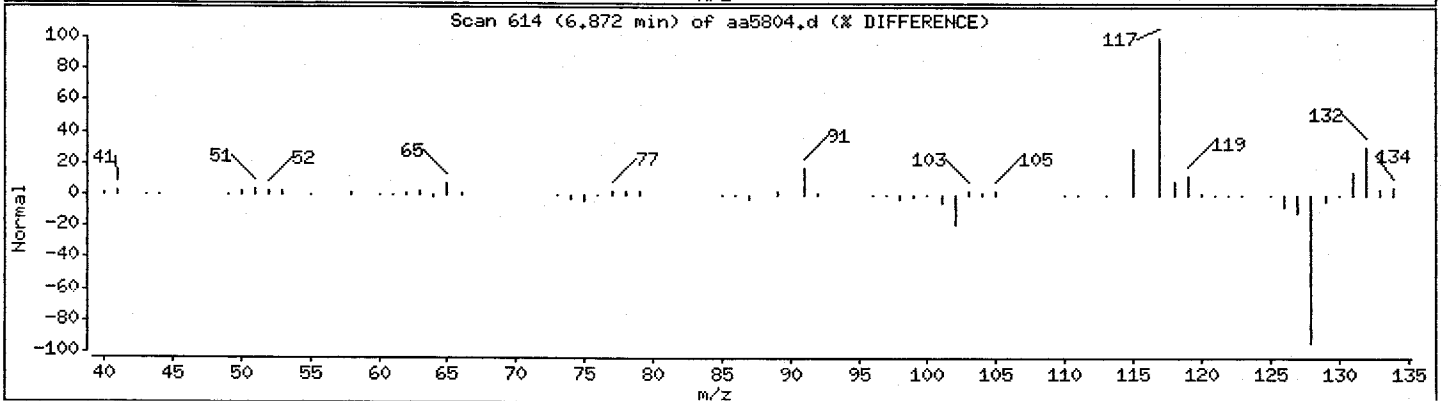
Concentration: 0.39 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

Client ID: 080408-02 Instrument: BNAMS8.i

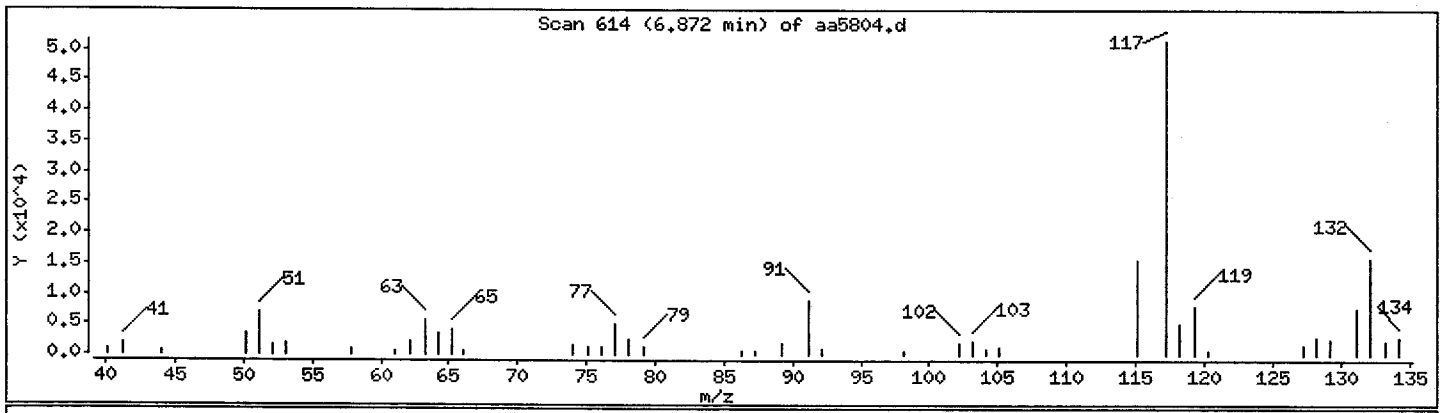
Sample Info: 940029;4444830

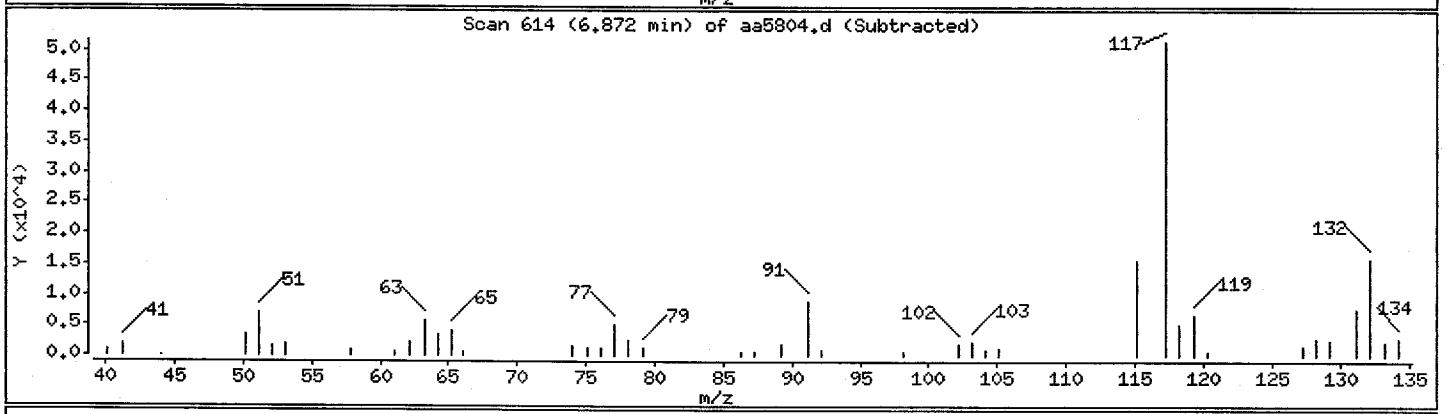
Volume Injected (uL): 1.0 Operator: BNAMS 4

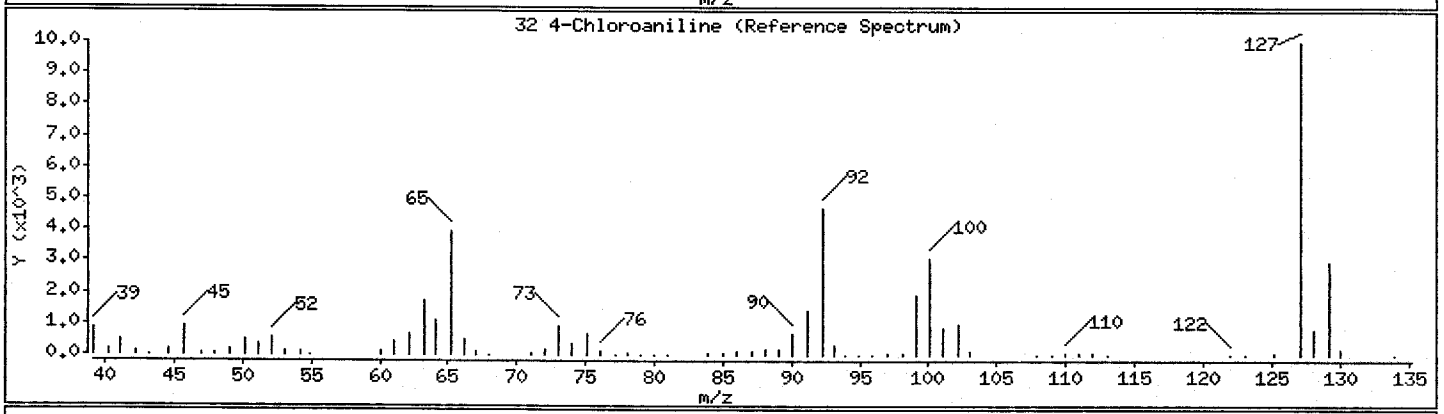
Column phase: DB-5 Column diameter: 0.25

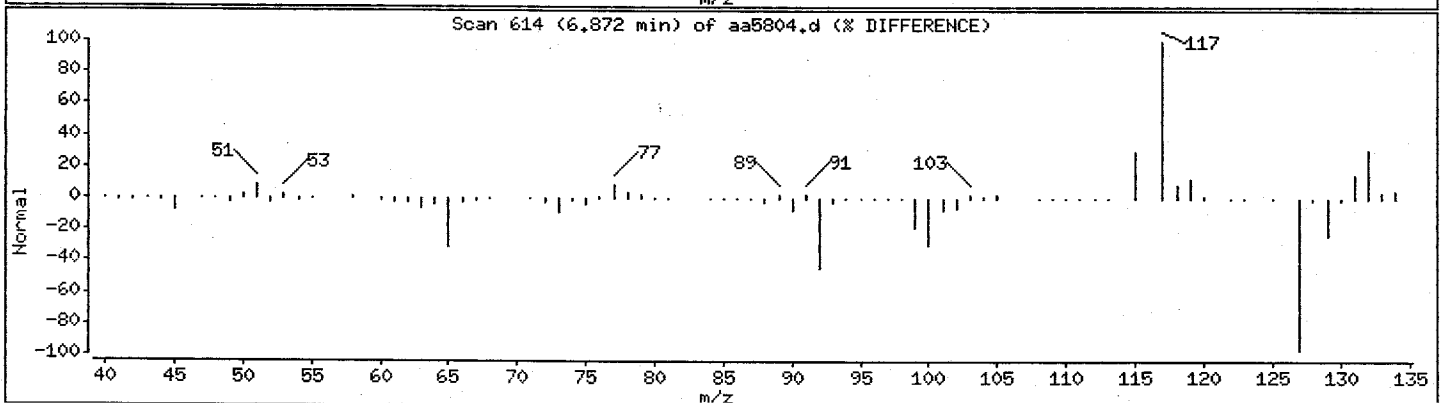
32 4-Chloroaniline Concentration: 0.49 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

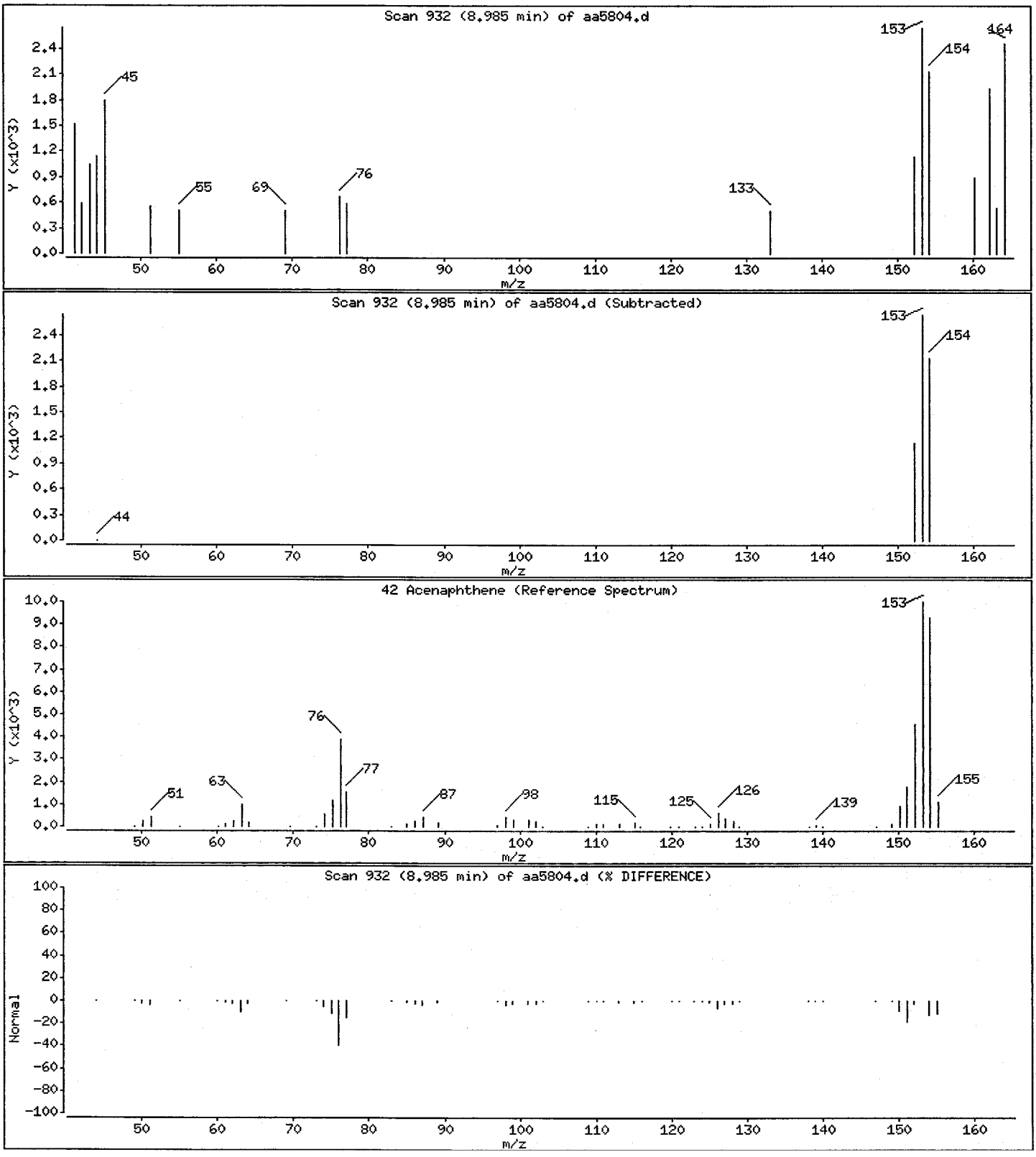
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 0.32 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

Client ID: 080408-02

Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0

Operator: BNAMS 4

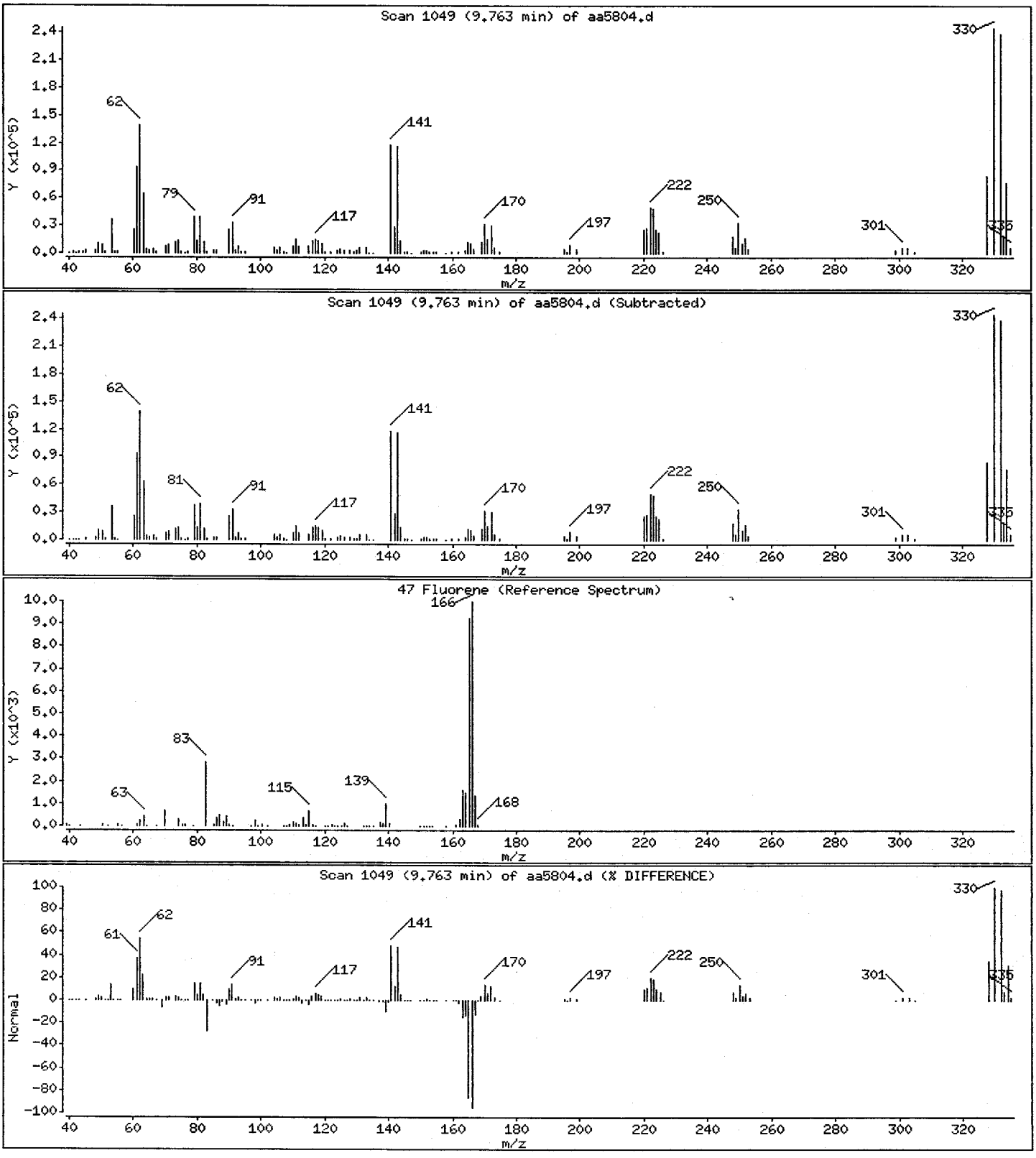
Column phase: DB-5

Column diameter: 0.25

47 Fluorene

Concentration: 1.5 ug/L

FALSE POSITIVE Init.



FALSE POSITIVE Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

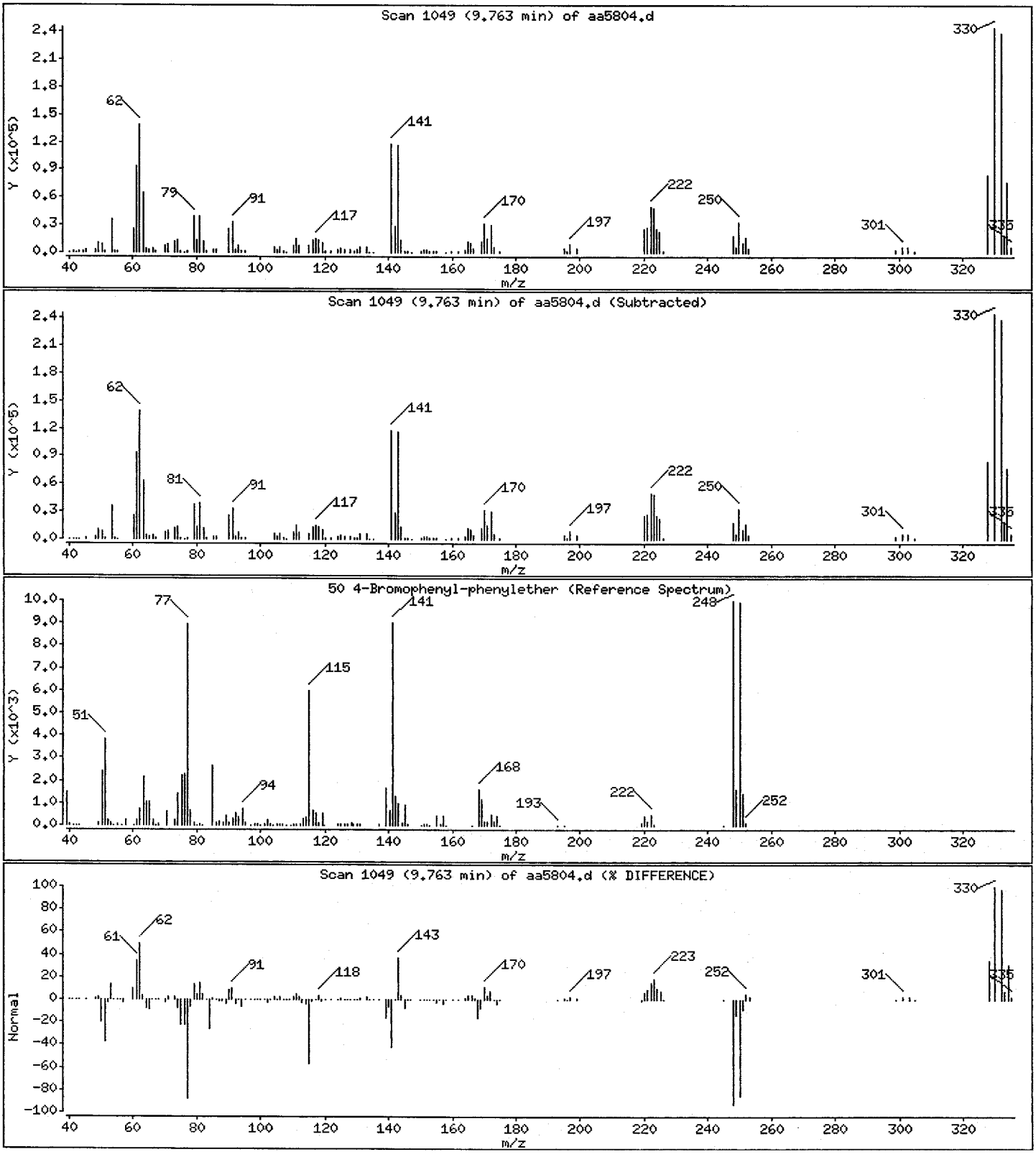
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

50 4-Bromophenyl-phenylether Concentration: 6.9 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

Client ID: 080408-02 Instrument: BNAMS8.i

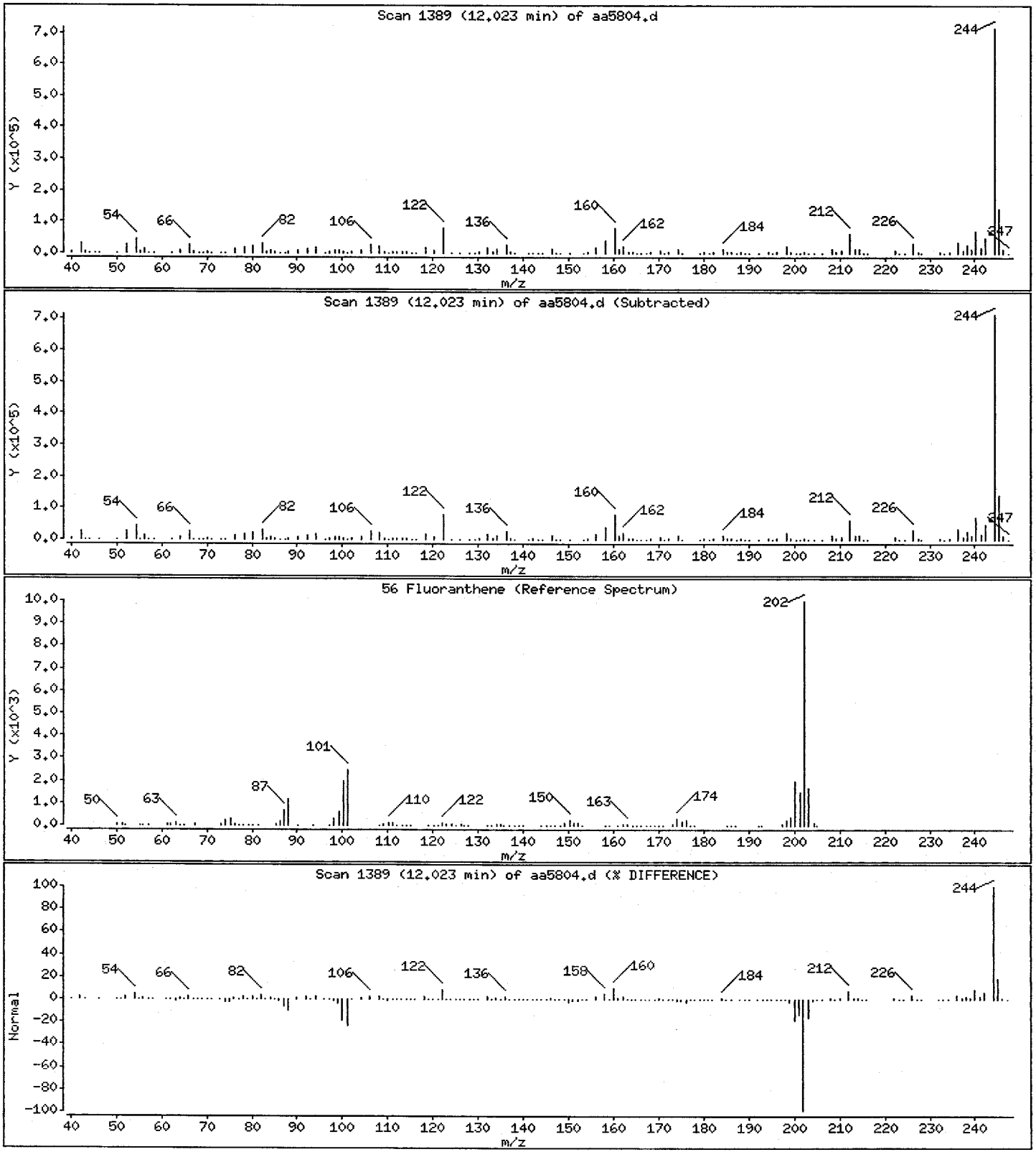
Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 0.24 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

Client ID: 080408-02

Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0

Operator: BNAMS 4

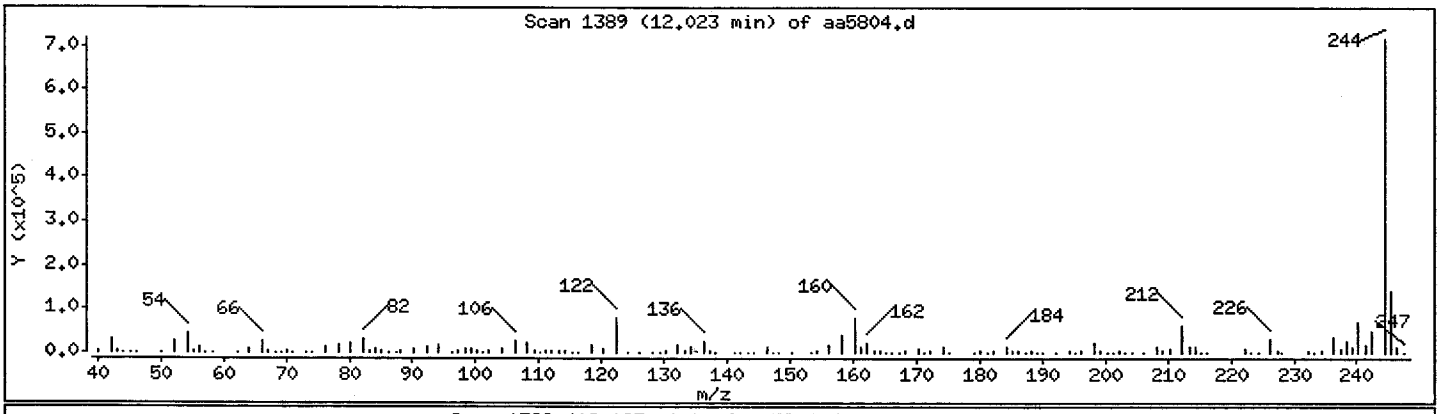
Column phase: DB-5

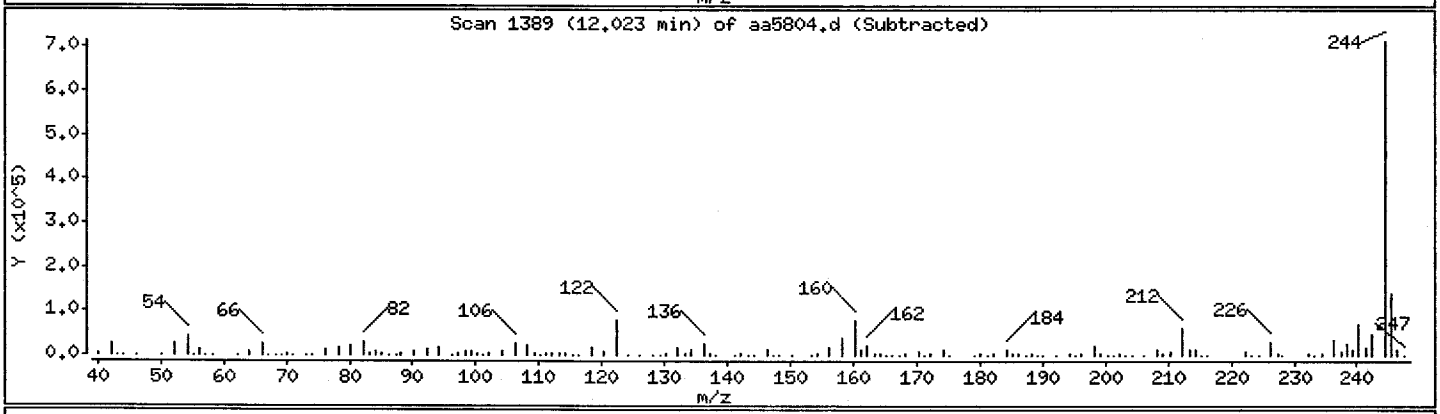
Column diameter: 0.25

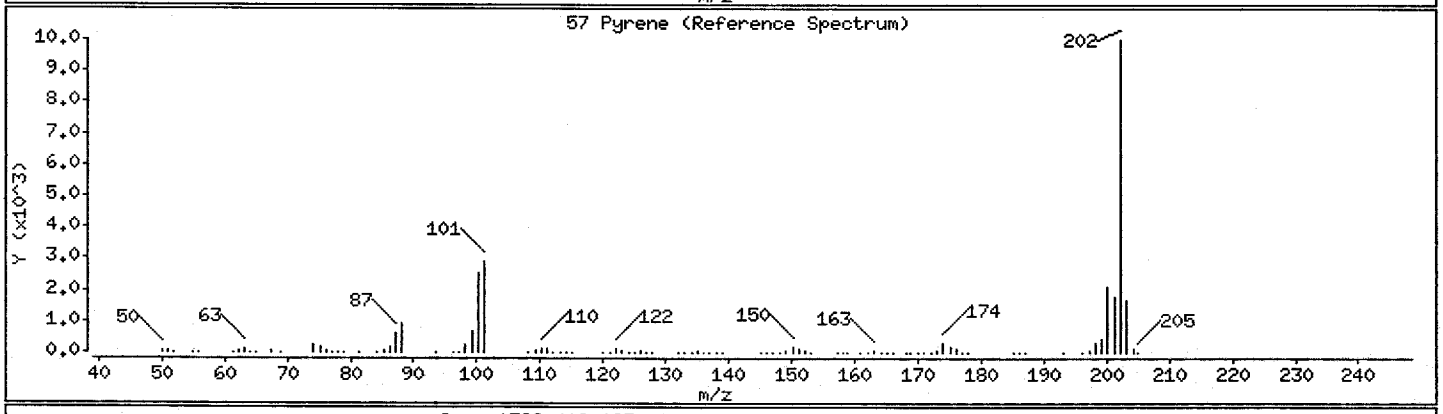
57 Pyrene

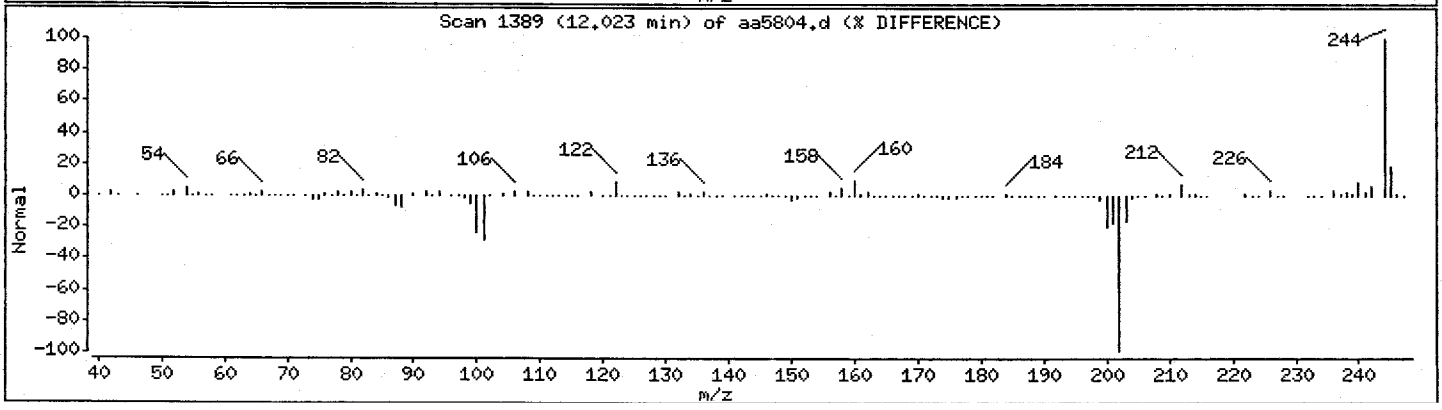
Concentration: 0.28 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

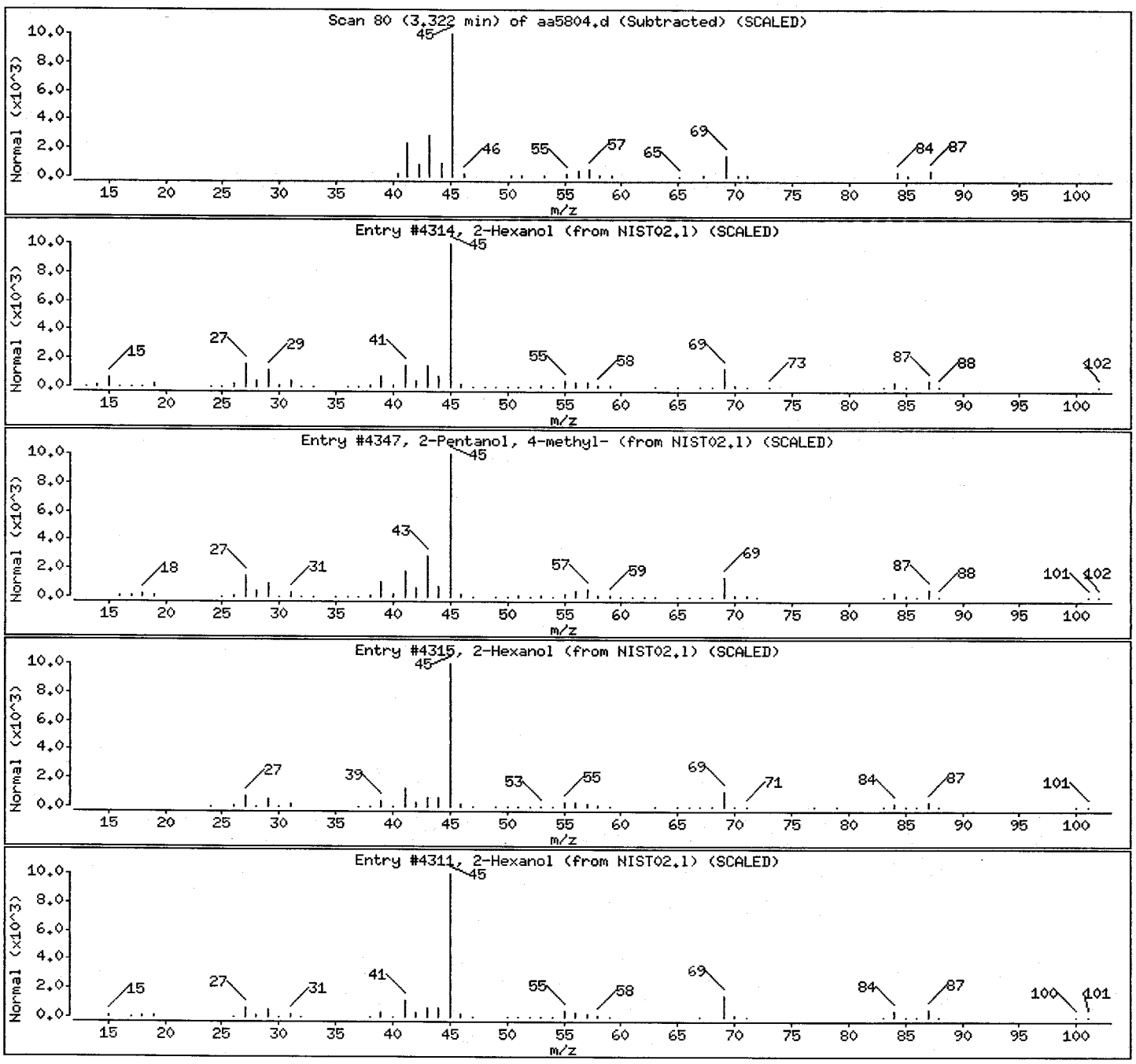
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Hexanol	626-93-7	NIST02.l	4314	83	C6H140	102
2-Pentanol, 4-methyl-	108-11-2	NIST02.l	4347	83	C6H140	102
2-Hexanol	626-93-7	NIST02.l	4315	74	C6H140	102
2-Hexanol	626-93-7	NIST02.l	4311	74	C6H140	102



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

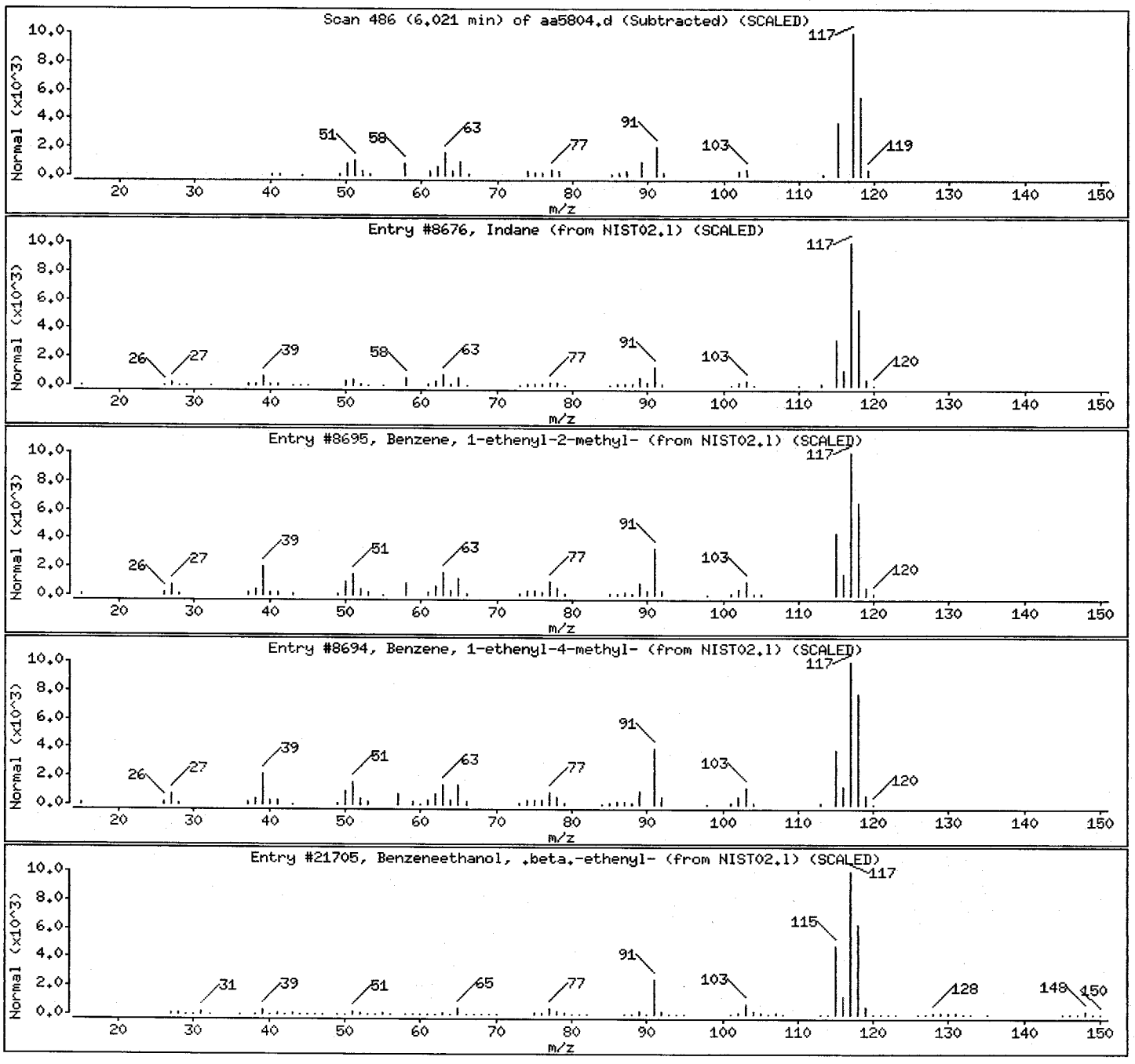
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Indane	496-11-7	NIST02.l	8676	87	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.l	8695	80	C9H10	118
Benzene, 1-ethenyl-4-methyl-	622-97-9	NIST02.l	8694	60	C9H10	118
Benzeneethanol, .beta.-ethenyl-	6052-63-7	NIST02.l	21705	59	C10H12O	148



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

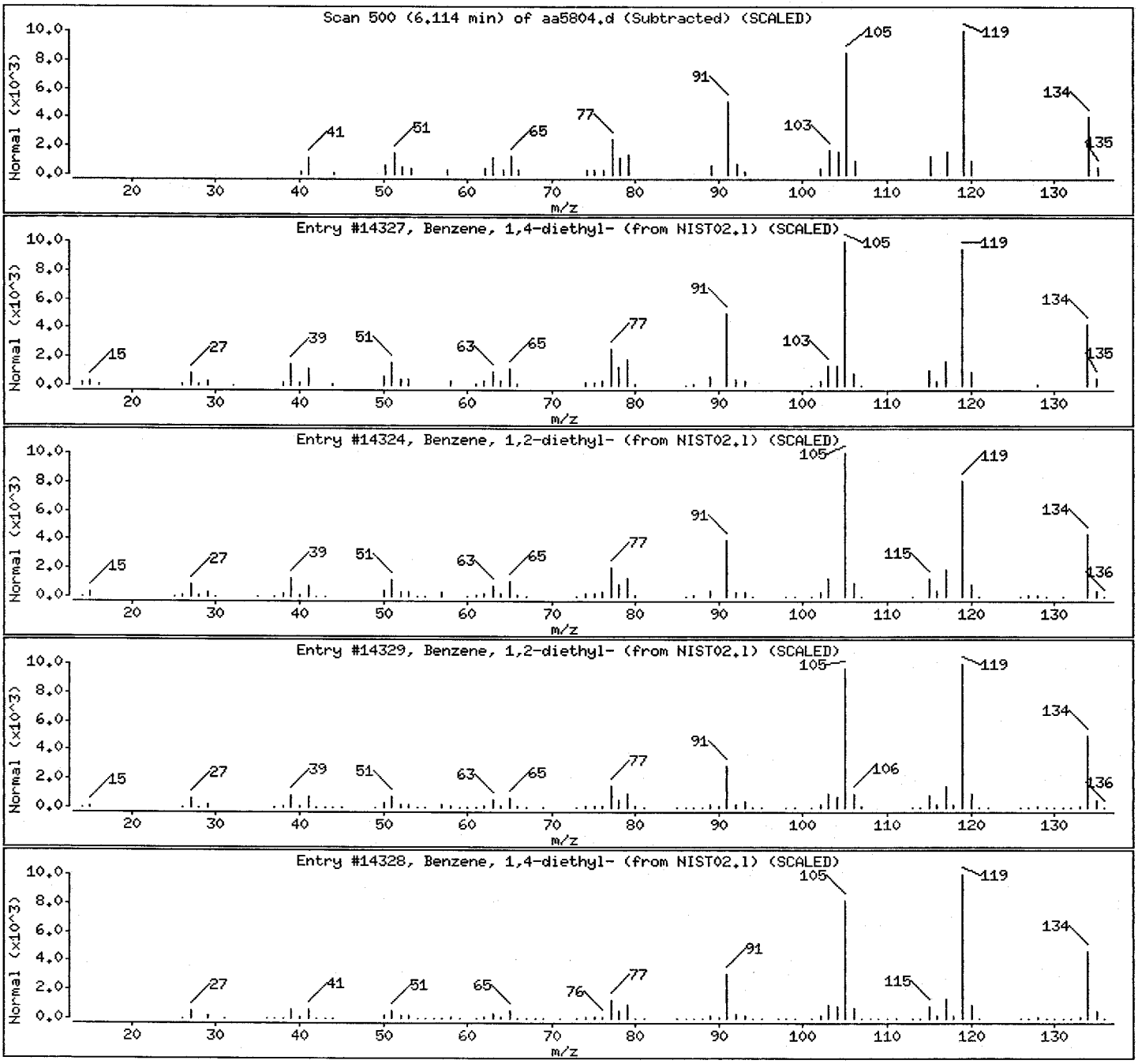
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14327	98	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14324	97	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	90	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	90	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

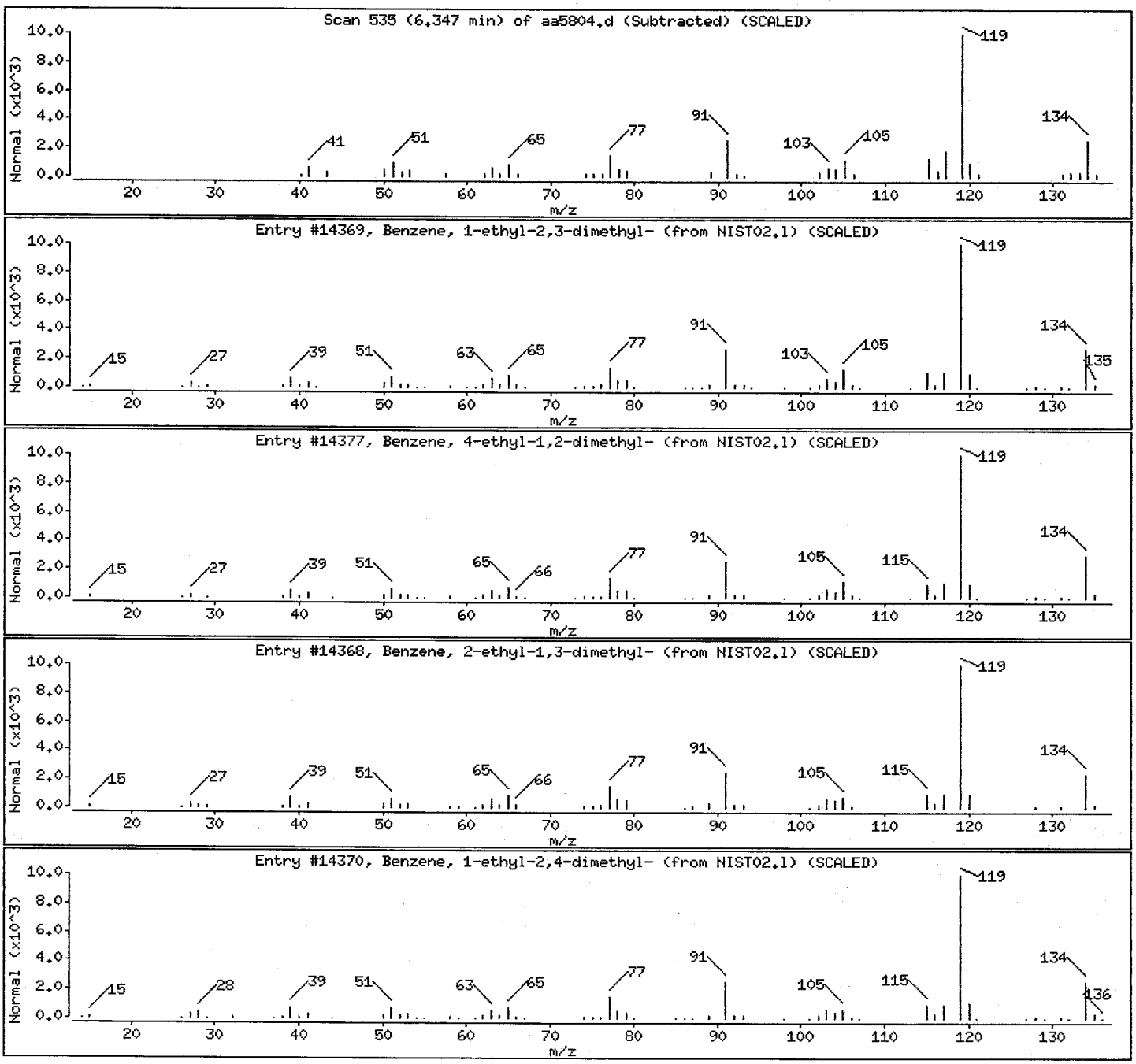
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	97	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	97	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14368	96	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	95	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

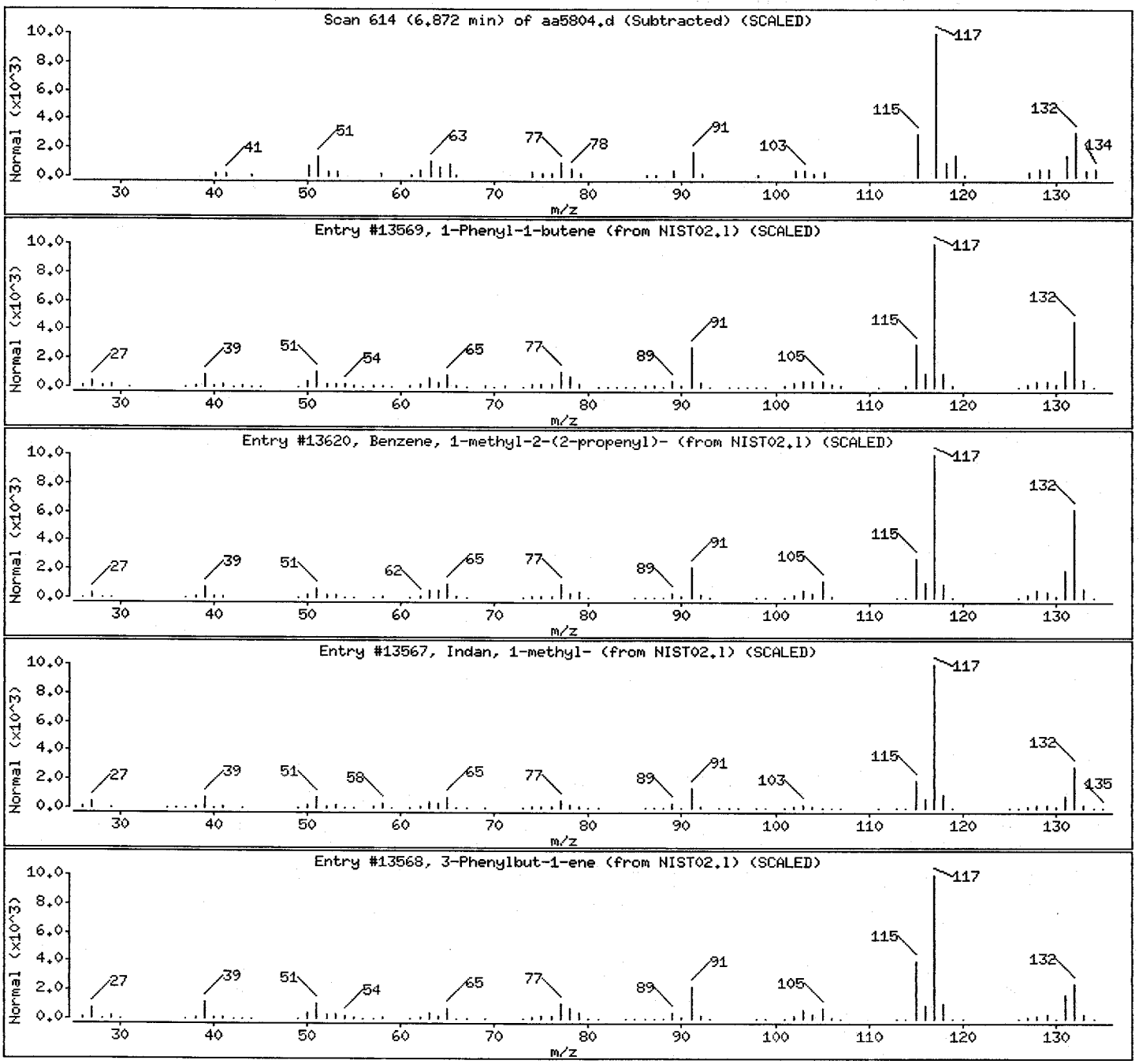
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	87	C10H12	132
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	87	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.l	13567	87	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	87	C10H12	132



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

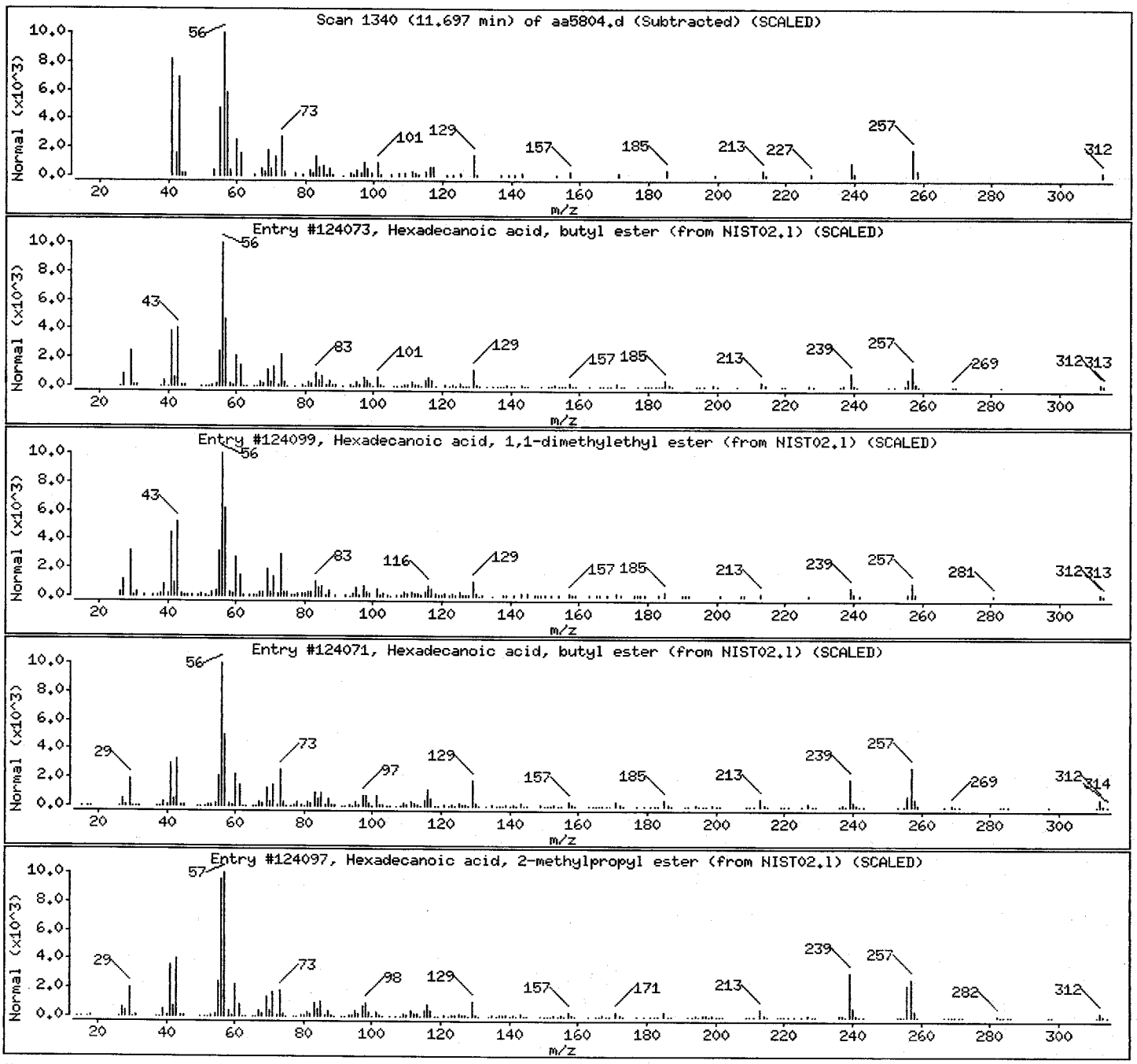
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecanoic acid, butyl ester	111-06-8	NIST02.l	124073	99	C20H4002	312
Hexadecanoic acid, 1,1-dimethylethyl est	31158-91-5	NIST02.l	124099	98	C20H4002	312
Hexadecanoic acid, butyl ester	111-06-8	NIST02.l	124071	64	C20H4002	312
Hexadecanoic acid, 2-methylpropyl ester	110-34-9	NIST02.l	124097	64	C20H4002	312



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

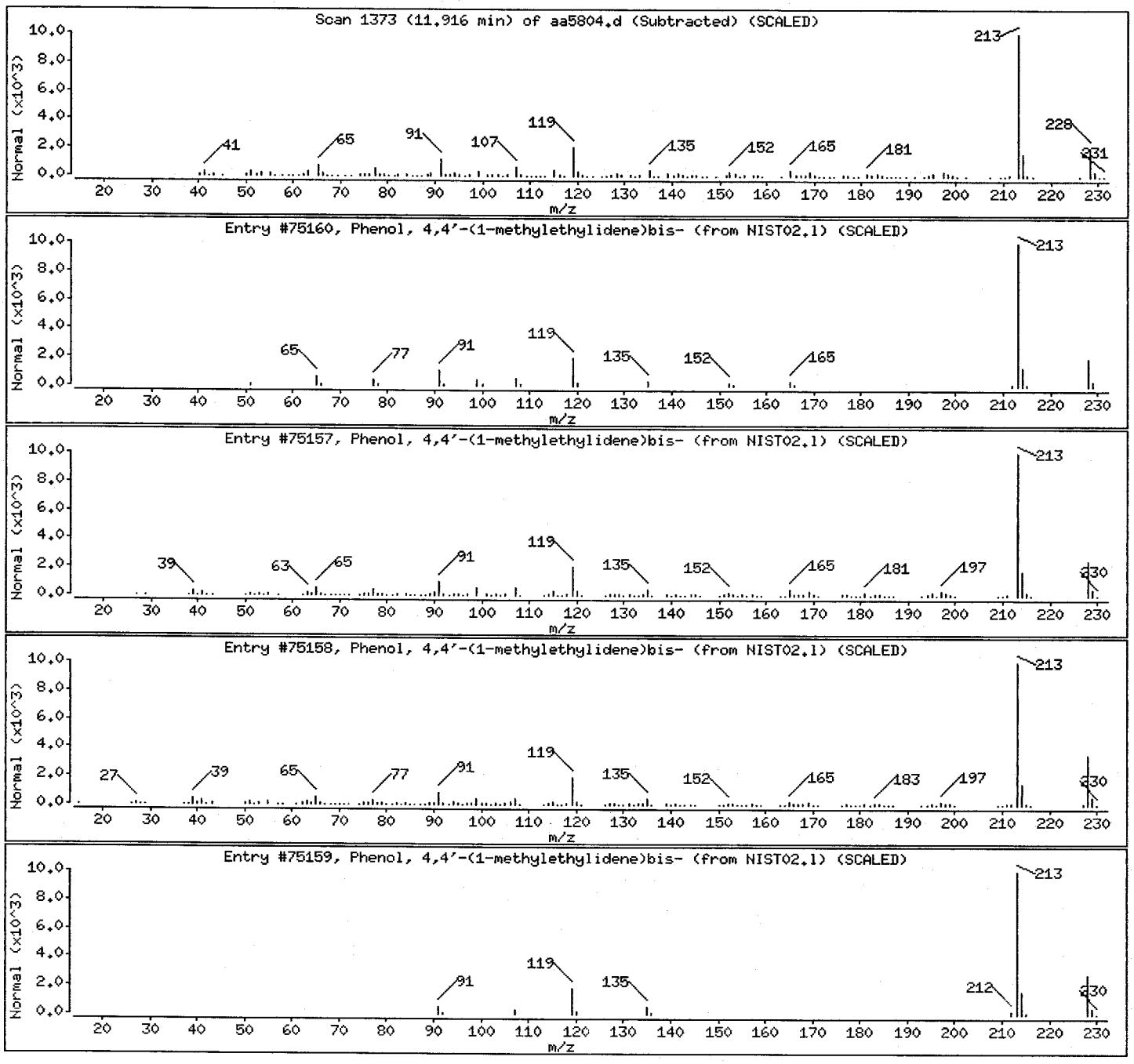
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75160	98	C15H1602	228
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75157	97	C15H1602	228
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75158	91	C15H1602	228
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75159	80	C15H1602	228



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

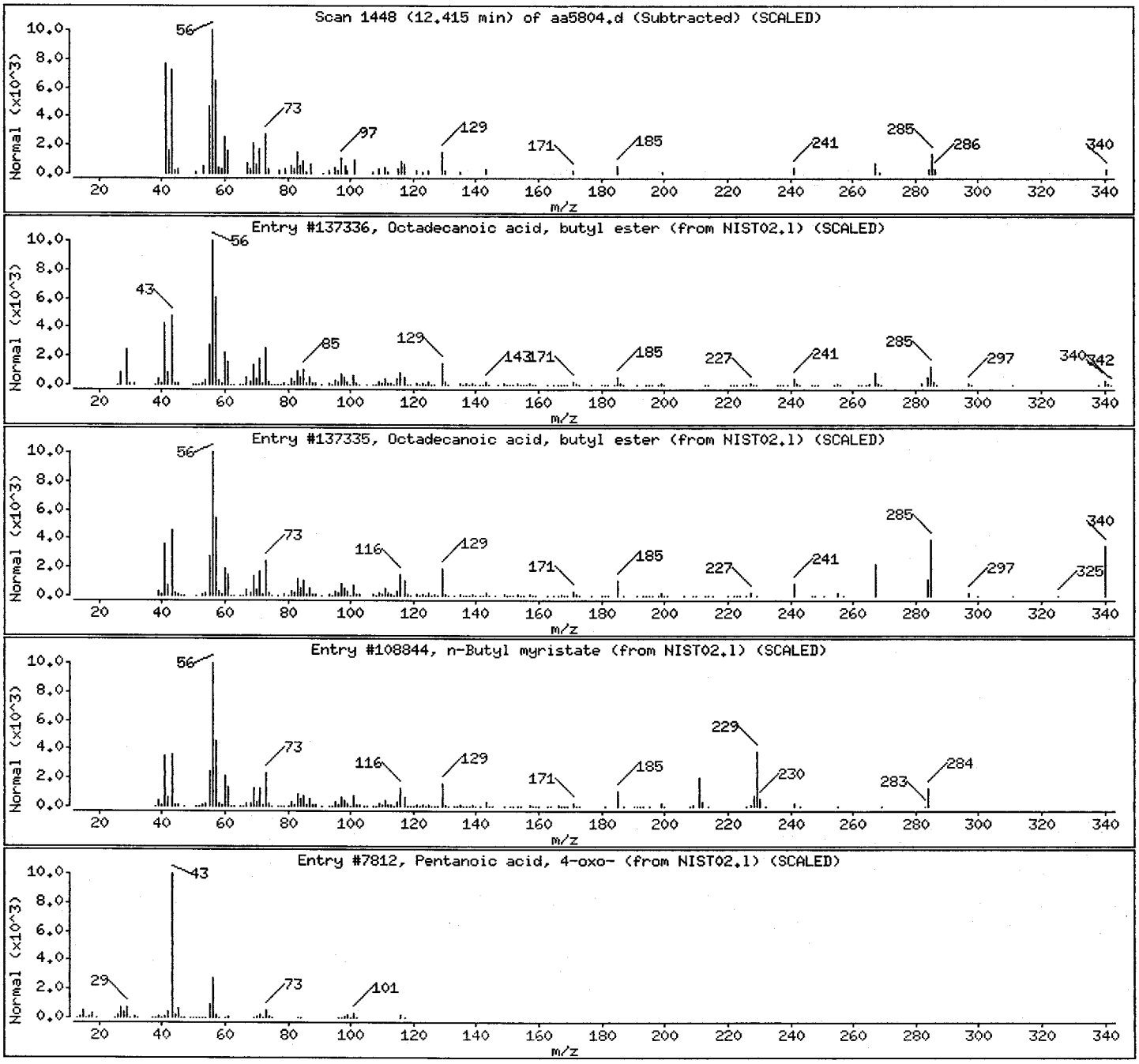
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanoic acid, butyl ester	123-95-5	NIST02.l	137336	99	C22H4402	340
Octadecanoic acid, butyl ester	123-95-5	NIST02.l	137335	95	C22H4402	340
n-Butyl myristate	110-36-1	NIST02.l	108844	80	C18H3602	284
Pentanoic acid, 4-oxo-	123-76-2	NIST02.l	7812	47	C5H803	116



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5804.d

Date : 10-AUG-2008 21:30

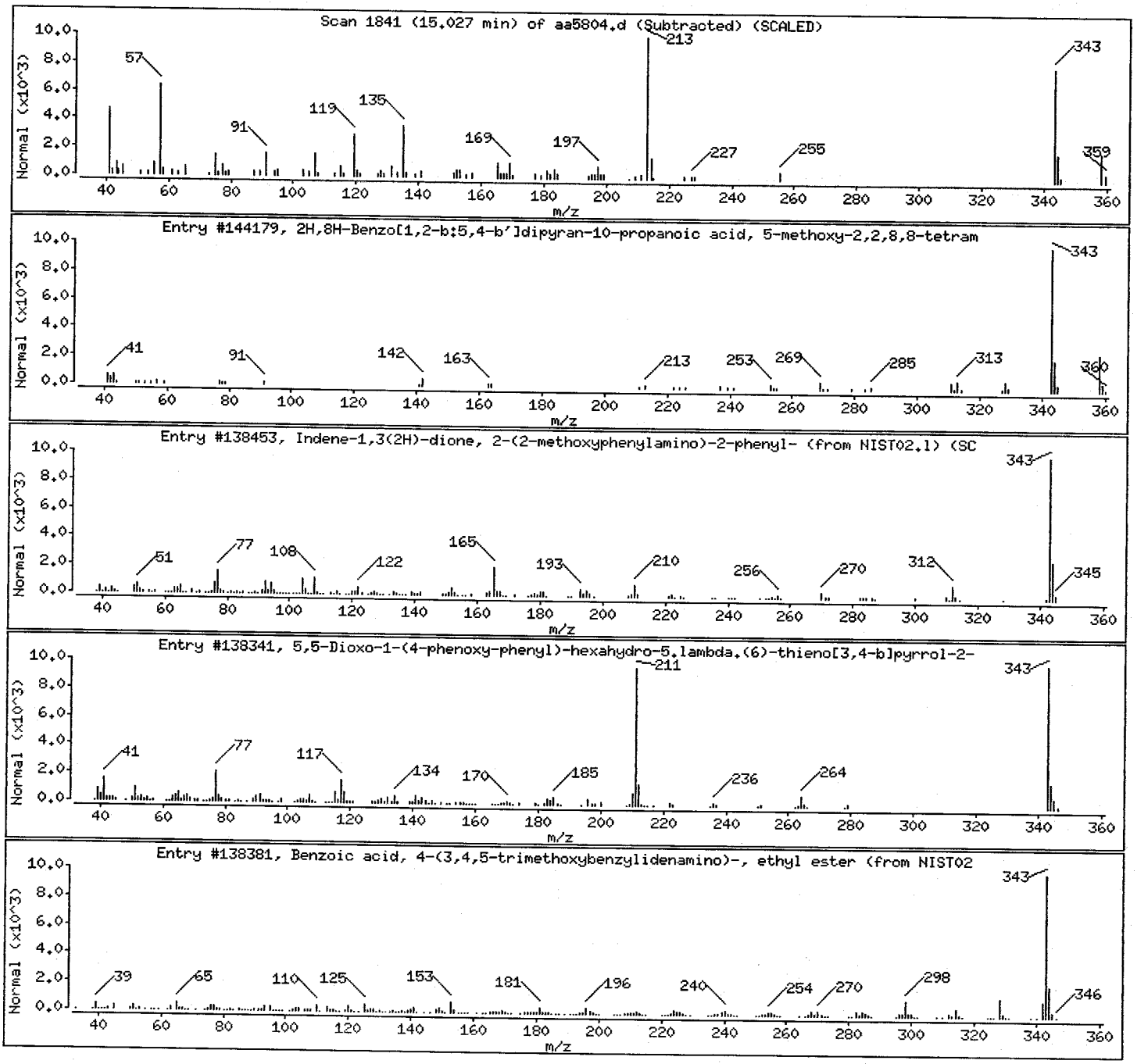
Client ID: 080408-02 Instrument: BNAMS8.i

Sample Info: 940029;4444830

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2H,8H-Benzo[1,2-b:5,4-b']dipyran-10-prop	26574-30-1	NIST02.l	144179	35	C21H26O5	358
Indene-1,3(2H)-dione, 2-(2-methoxyphenyl	349497-72-9	NIST02.l	138453	30	C22H17NO3	343
5,5-Dioxo-1-(4-phenoxy-phenyl)-hexahydro	1000295-91-8	NIST02.l	138341	30	C18H17NO4S	343
Benzoic acid, 4-(3,4,5-trimethoxybenzyli	304683-21-4	NIST02.l	138381	27	C19H21NO5	343



Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5805.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5805.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-03**
Site: GM Wilmington-17338

Lab Sample No: **940030**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5805.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5805.d
Report Date: 11-Aug-2008 14:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5805.d
Lab Smp Id: 940030 Client Smp ID: 080408-03
Inj Date : 10-AUG-2008 21:54
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940030;4444856
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

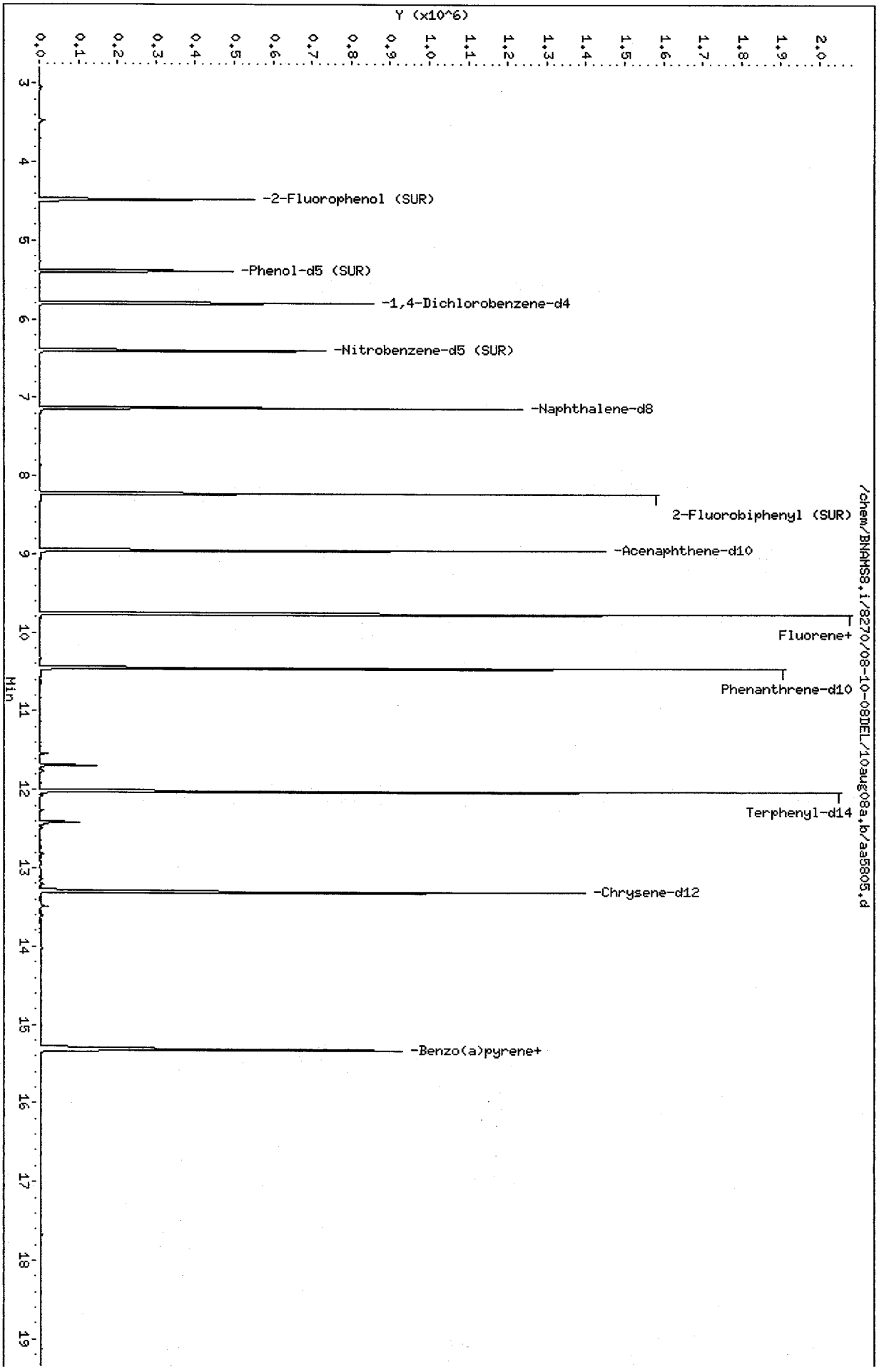
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.484	4.483	(0.773)	159934	46.4501	94
$ 17 Phenol-d5 (SUR)	99	5.388	5.401	(0.929)	139332	28.8698	58
* 79 1,4-Dichlorobenzene-d4	152	5.800	5.799	(1.000)	111598	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.398	6.404	(0.897)	223326	38.8702	78
* 80 Naphthalene-d8	136	7.136	7.135	(1.000)	493560	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.226	8.232	(0.918)	399401	41.3285	83
* 82 Acenaphthene-d10	164	8.957	8.956	(1.000)	352937	40.0000	
~~47 Fluorene~~	~~166~~	~~9.761~~	~~9.501~~	~~(1.090)~~	~~8167~~	~~0.78016~~	1.6(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.761	9.767	(1.090)	200153	93.9031	190
~~50 4-Bromophenyl-phenylether~~	~~248~~	~~9.761~~	~~9.953~~	~~(0.934)~~	~~13275~~	~~3.59239~~	7.2(a)
* 83 Phenanthrene-d10	188	10.452	10.459	(1.000)	602970	40.0000	
$ 78 Terphenyl-d14	244	12.021	12.020	(0.904)	622064	45.1274	91
* 81 Chrysene-d12	240	13.304	13.310	(1.000)	618921	40.0000	
~~67 Benzo(a)pyrene~~	~~252~~	~~15.324~~	~~15.244~~	~~(1.000)~~	~~2079~~	~~0.13676~~	0.28(a)
* 84 Perylene-d12	264	15.318	15.324	(1.000)	536231	40.0000	

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5805.d
Report Date: 11-Aug-2008 14:33

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5805.d
Date : 10-AUG-2008 21:54
Client ID: 080408-03
Sample Info: 940030;4444856
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Terphenyl-d14
-Chrysene-d12
-Benzo(a)pyrene+
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5805.d

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5805.d

Date : 10-AUG-2008 21:54

Client ID: 080408-03 Instrument: BNAMS8.i

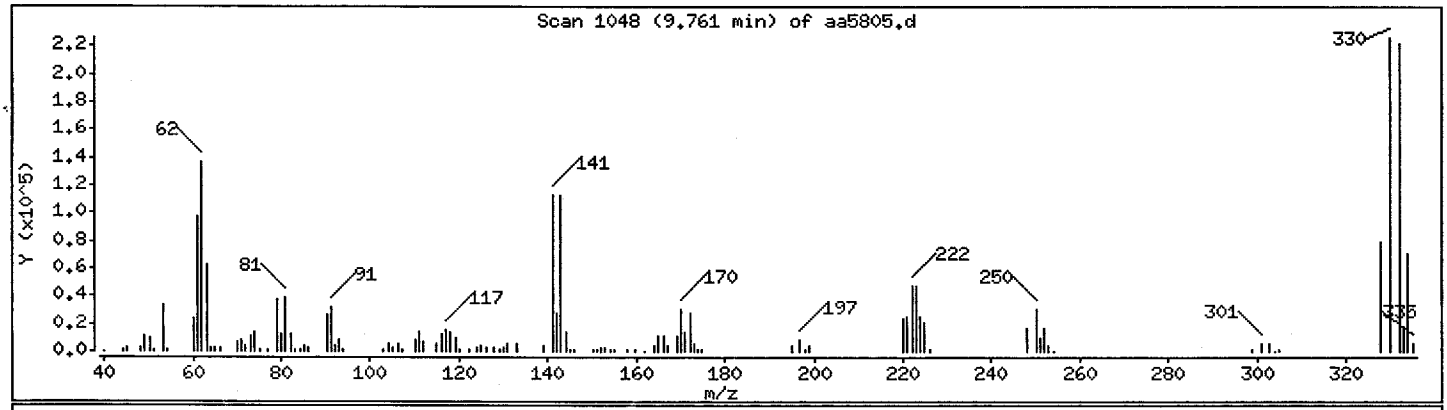
Sample Info: 940030;4444856

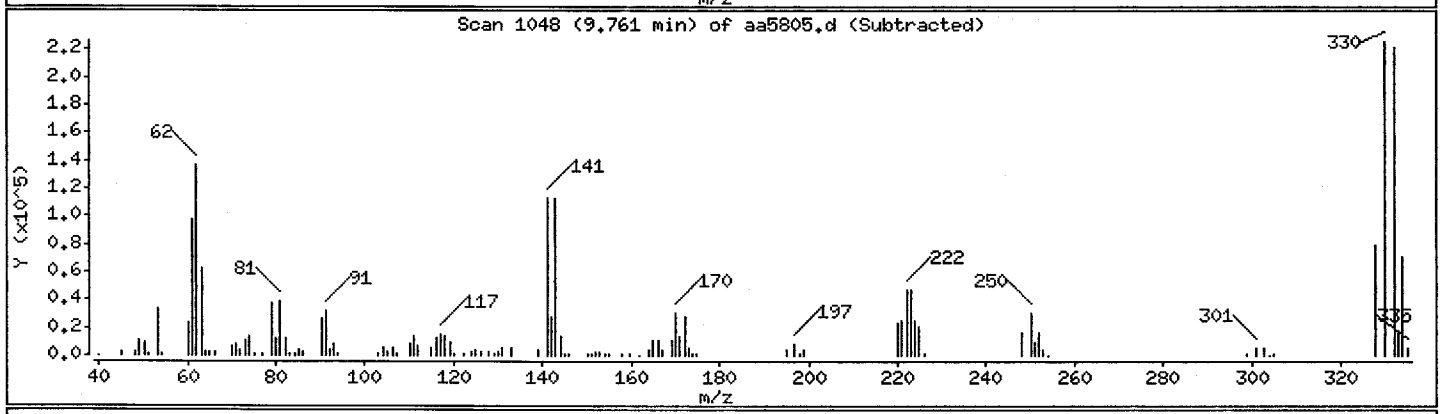
Volume Injected (uL): 1.0 Operator: BNAMS 4

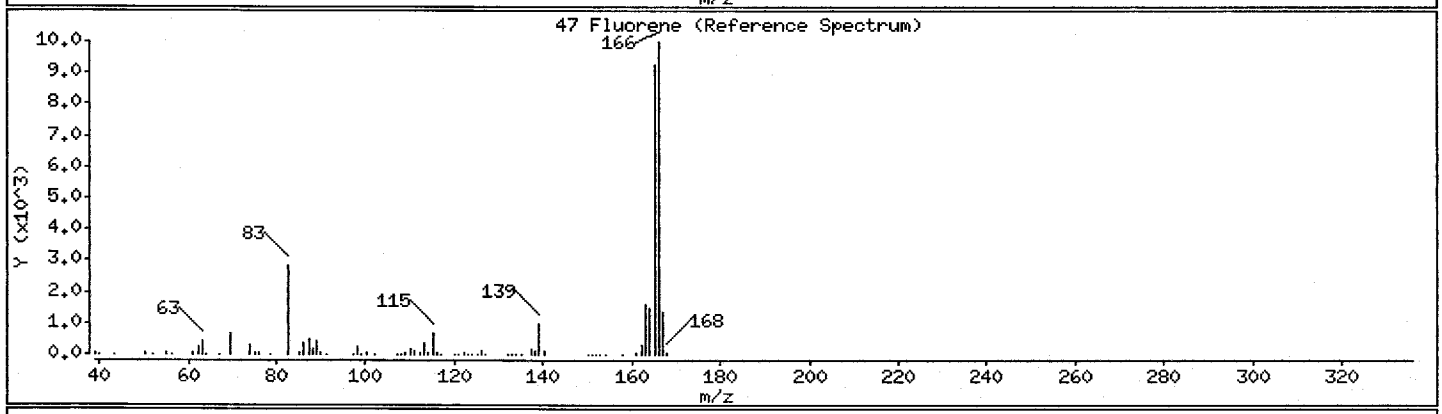
Column phase: DB-5 Column diameter: 0.25

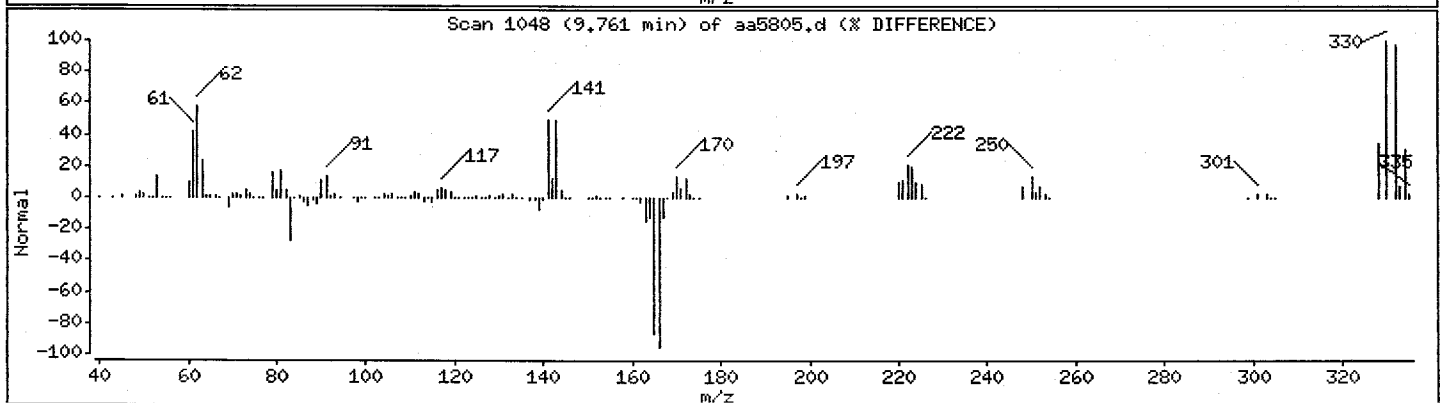
47 Fluorene Concentration: 1.6 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5805.d

Date : 10-AUG-2008 21:54

Client ID: 080408-03

Instrument: BNAMS8.i

Sample Info: 940030;4444856

Volume Injected (uL): 1.0

Operator: BNAMS 4

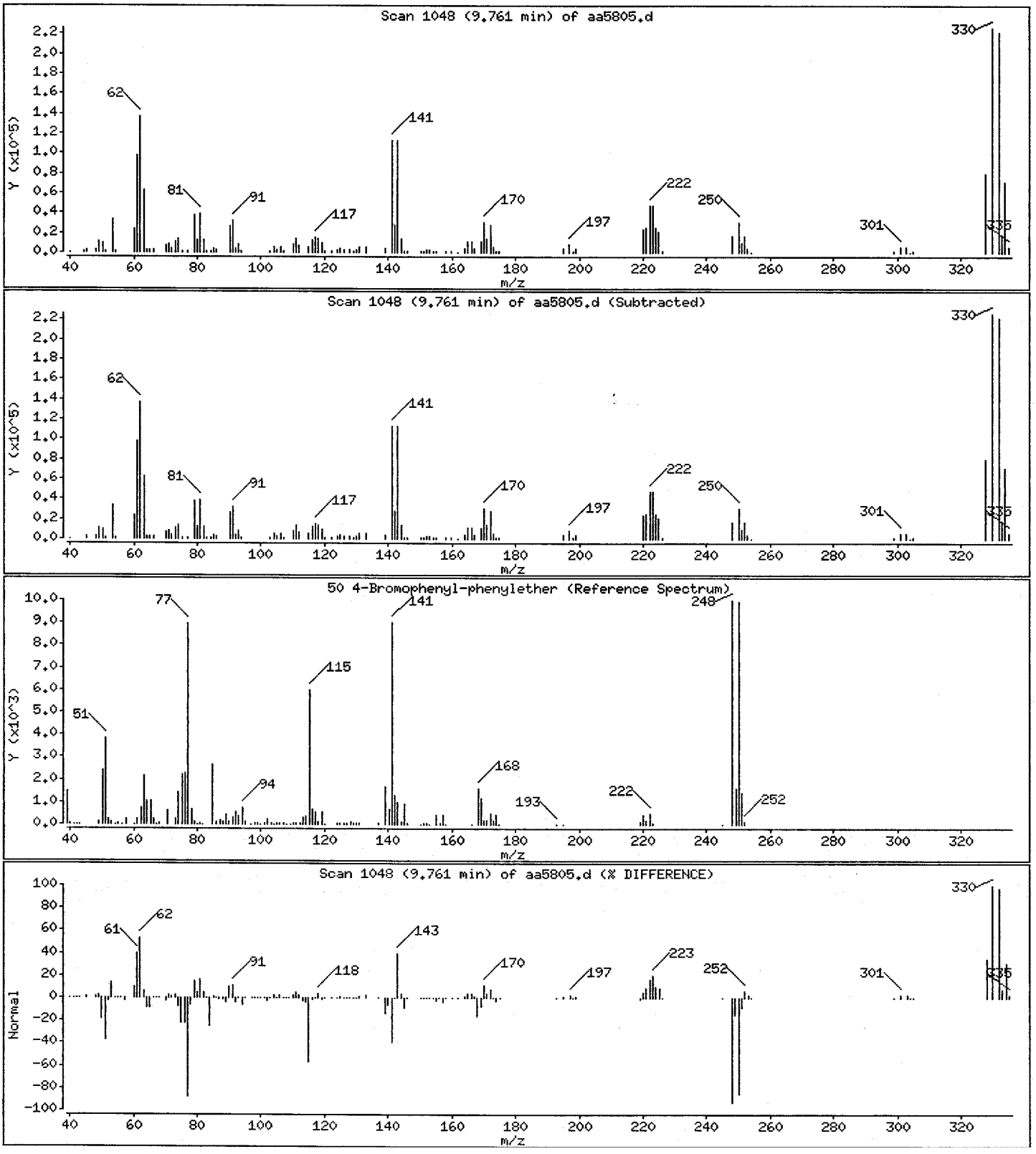
Column phase: DB-5

Column diameter: 0.25

50 4-Bromophenyl-phenylether

Concentration: 7.2 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5805.d

Date : 10-AUG-2008 21:54

Client ID: 080408-03

Instrument: BNAMS8.i

Sample Info: 940030;4444856

Volume Injected (uL): 1.0

Operator: BNAMS 4

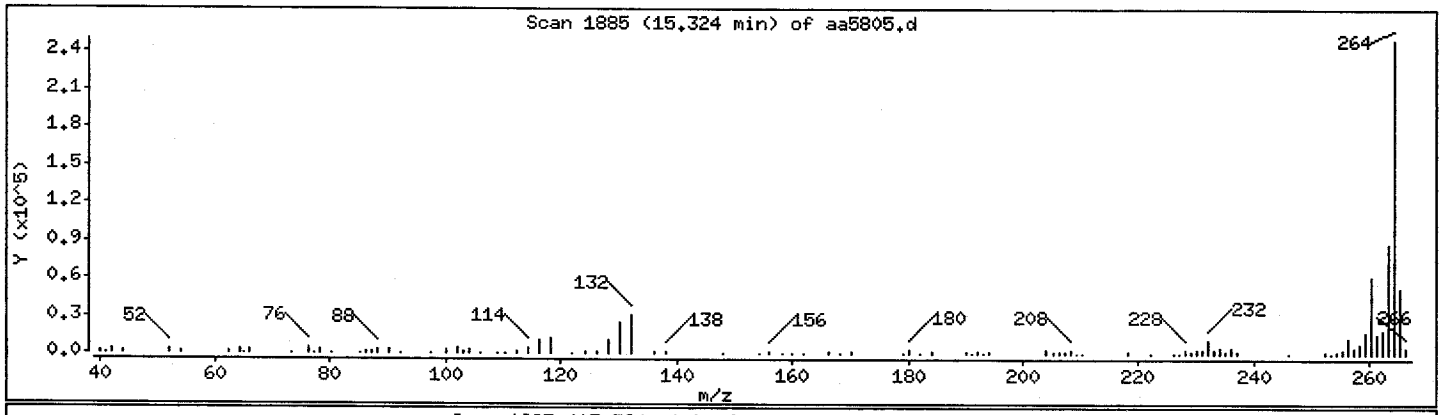
Column phase: DB-5

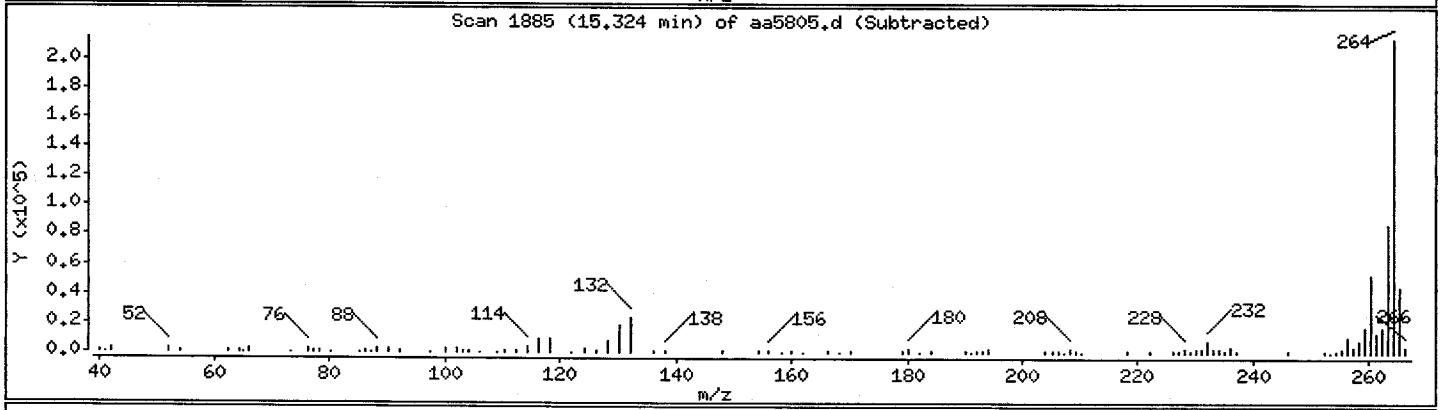
Column diameter: 0.25

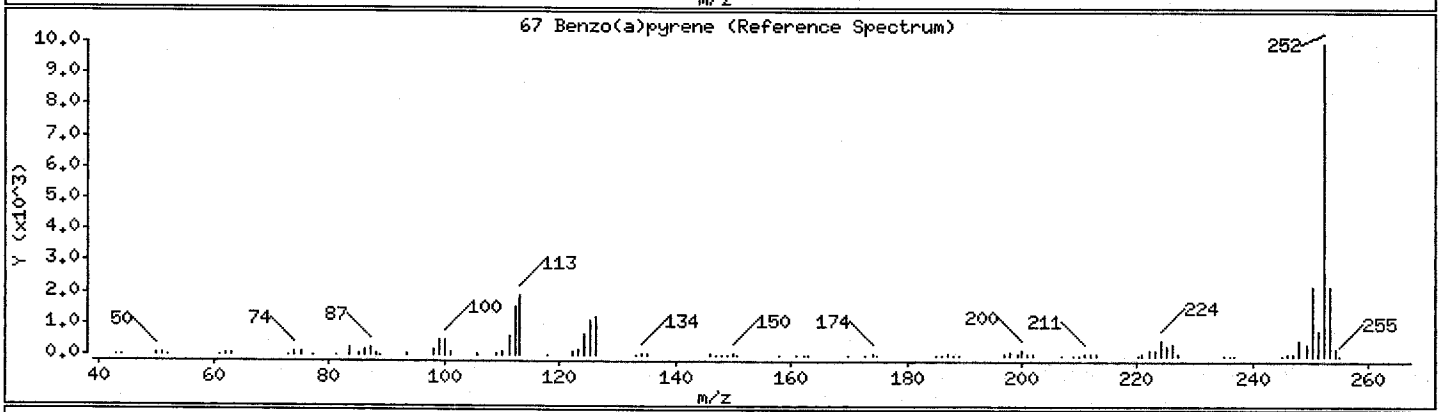
67 Benzo(a)pyrene

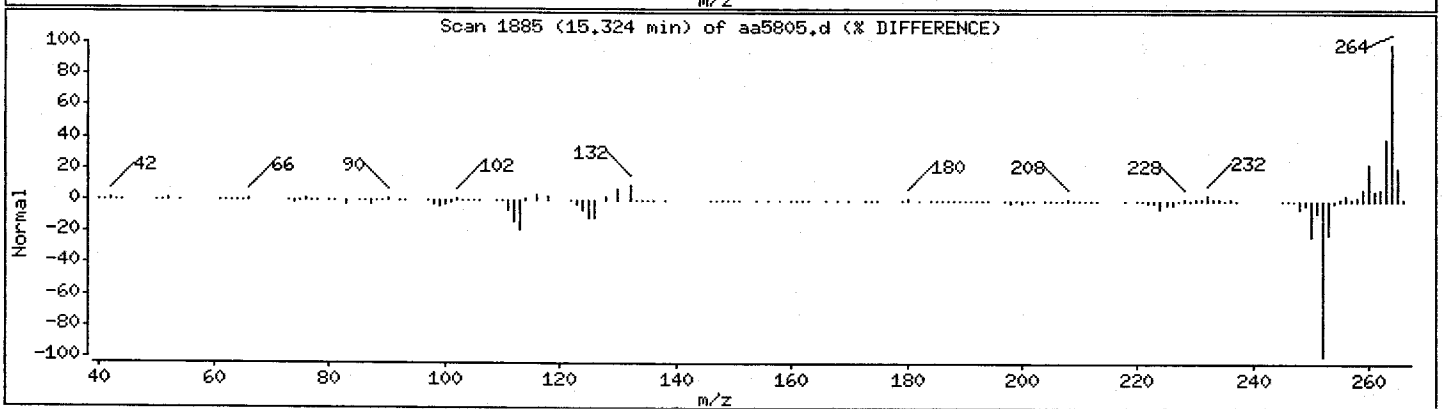
Concentration: 0.28 ug/L

FALSE POSITIVE Init.









Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5806.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 10.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	100
2-Chlorophenol	ND	100
2-Methylphenol	ND	100
4-Methylphenol	17 J	100
2-Nitrophenol	ND	100
2,4-Dimethylphenol	ND	100
2,4-Dichlorophenol	ND	100
4-Chloro-3-methylphenol	ND	100
2,4,6-Trichlorophenol	ND	100
2,4,5-Trichlorophenol	ND	100
2,4-Dinitrophenol	ND	310
4-Nitrophenol	ND	310
4,6-Dinitro-2-methylphenol	ND	310
Pentachlorophenol	ND	310
bis(2-Chloroethyl)ether	ND	10
bis(2-chloroisopropyl)ether	ND	100
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	100
bis(2-Chloroethoxy)methane	ND	100
Naphthalene	1800	100
4-Chloroaniline	ND	100
Hexachlorobutadiene	ND	20
2-Methylnaphthalene	37 J	100
Hexachlorocyclopentadiene	ND	100
2-Chloronaphthalene	ND	100
2-Nitroaniline	ND	200
Dimethylphthalate	ND	100
Acenaphthylene	ND	100
2,6-Dinitrotoluene	ND	20
3-Nitroaniline	ND	200
Acenaphthene	ND	100
Dibenzofuran	ND	100

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5806.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 10.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	20
Diethylphthalate	ND	100
4-Chlorophenyl-phenylether	ND	100
Fluorene	ND	100
4-Nitroaniline	ND	200
N-Nitrosodiphenylamine	ND	100
4-Bromophenyl-phenylether	ND	100
Hexachlorobenzene	ND	10
Phenanthrene	ND	100
Anthracene	ND	100
Carbazole	ND	100
Di-n-butylphthalate	ND	100
Fluoranthene	ND	100
Pyrene	ND	100
Butylbenzylphthalate	ND	100
3,3'-Dichlorobenzidine	ND	200
Benzo(a)anthracene	ND	10
Chrysene	ND	100
bis(2-Ethylhexyl)phthalate	ND	100
Di-n-octylphthalate	ND	100
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	100
Diphenyl	ND	100
Acetophenone	110	100
Benzaldehyde	ND	100
Caprolactam	ND	100
Atrazine	ND	100

Client ID: **080408-04**
Site: GM Wilmington-17338

Lab Sample No: **940031**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5806.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 10.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	3.48	2300	
2. Ethylbenzene	4.42	270	
3. Xylene isomer	4.49	1100	
4. Xylene isomer	4.73	410	
5. Trimethylbenzene isomer	5.62	87	
6. Trimethylbenzene isomer	5.88	210	
7. Methylpropylbenzene isomer	6.07	170	
8. Ethyldimethylbenzene isomer	6.12	310	
9. Ethyldimethylbenzene isomer	6.28	410	
10. Unknown	6.29	220	
11. Ethyldimethylbenzene isomer	6.35	380	
12. Ethyldimethylbenzene isomer	6.59	200	
13. Ethyldimethylbenzene isomer	6.62	300	
14. C10H12 Aromatic	6.79	110	
15. C10H12 Aromatic	6.87	310	
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	6787

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d
Report Date: 23-Aug-2008 12:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d
Lab Smp Id: 940031 Client Smp ID: 080408-04
Inj Date : 10-AUG-2008 22:18
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940031;4444882
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 23-Aug-2008 12:50 rusin Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 7
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

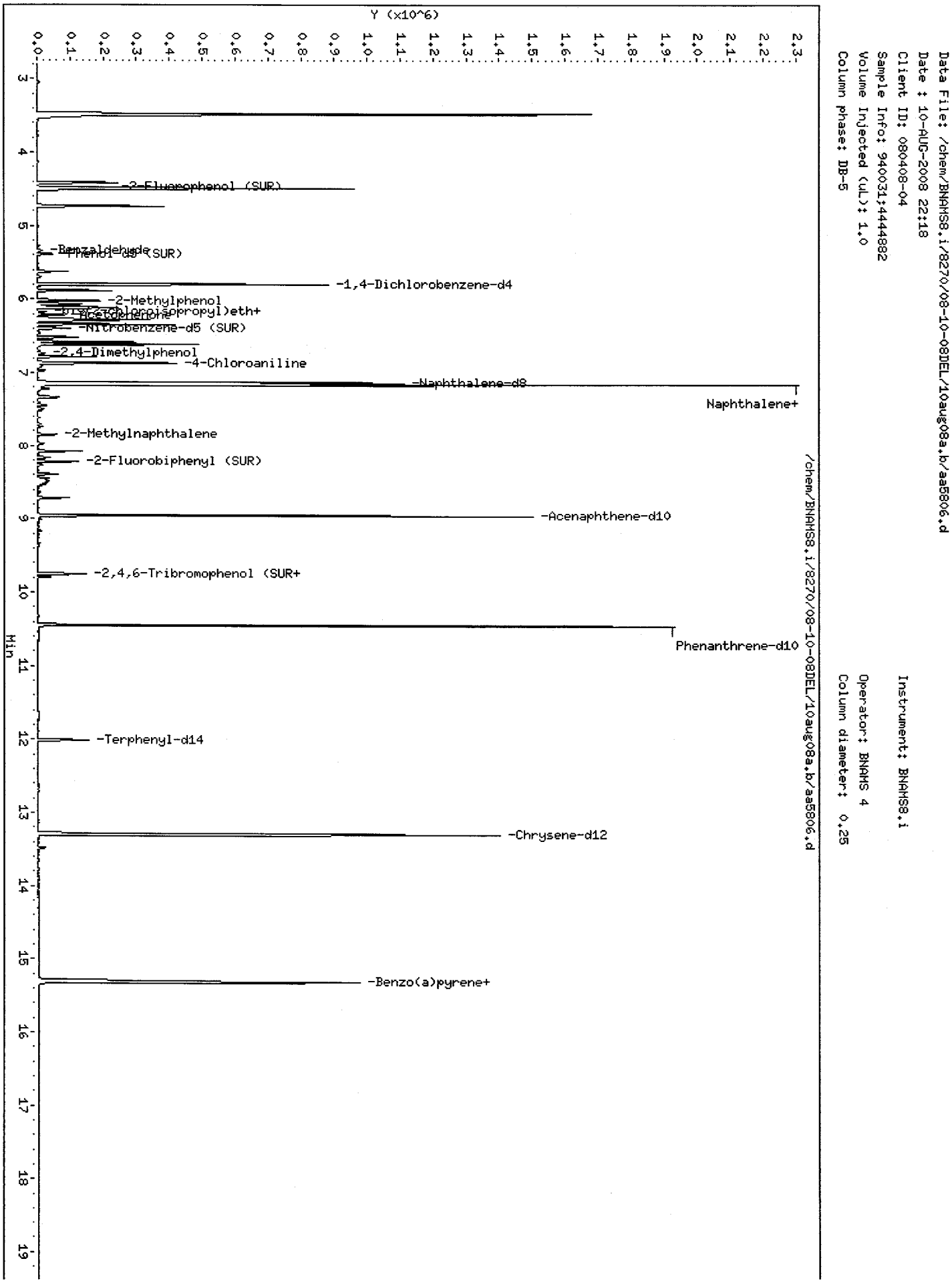
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.479	4.483	(0.773)	14203	3.97032	81(a)
~~110 Benzaldehyde~~	~~77~~	~~5.237~~	~~5.261~~	~~(0.921)~~	~~1311~~	~~0.44990~~	~~9.2(a)~~
$ 17 Phenol-d5 (SUR)	99	5.390	5.401	(0.930)	12365	2.46597	50(a)
* 79 1,4-Dichlorobenzene-d4	152	5.795	5.799	(1.000)	115946	40.0000	
~~3 2-Methylphenol~~	~~108~~	~~6.028~~	~~6.039~~	~~(1.040)~~	~~1250~~	~~0.32508~~	~~6.6(a)~~
~~24 bis(2-Chloroisopropyl)ether~~	~~45~~	~~6.181~~	~~6.079~~	~~(1.066)~~	~~5334~~	~~0.65166~~	~~13(a)~~
4 4-Methylphenol	108	6.168	6.192	(1.064)	3327	0.83880	17(a)
104 Acetophenone	105	6.214	6.231	(1.072)	32836	5.38492	110
$ 76 Nitrobenzene-d5 (SUR)	82	6.394	6.404	(0.896)	20252	3.49972	71(a)
~~6 2,4-Dimethylphenol~~	~~122~~	~~6.739~~	~~6.743~~	~~(0.944)~~	~~1959~~	~~0.48914~~	~~10(a)~~
* 80 Naphthalene-d8	136	7.138	7.135	(1.000)	497110	40.0000	
31 Naphthalene	128	7.158	7.162	(1.003)	1068335	90.5346	1800
~~32 4-Chloroaniline~~	~~127~~	~~6.872~~	~~7.208~~	~~(0.963)~~	~~2556~~	~~0.51769~~	~~10(a)~~
~~111 Caprolactam~~	~~113~~	~~7.158~~	~~7.587~~	~~(1.003)~~	~~2331~~	~~1.60381~~	~~33(a)~~
34 2-Methylnaphthalene	142	7.849	7.860	(1.100)	15461	1.82962	37(a)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d
Report Date: 23-Aug-2008 12:52

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 77 2-Fluorobiphenyl (SUR)	172	8.221	8.232	(0.918)	33497	3.32346	68(a)
* 82 Acenaphthene-d10	164	8.952	8.956	(1.000)	368090	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	9.757	9.767	(1.090)	15416	6.93477	140
50 4-Bromophenyl phenylether	248	9.757	9.953	(0.933)	670	0.17153	3.5(a)
* 83 Phenanthrene-d10	188	10.455	10.459	(1.000)	644899	40.0000	
$ 78 Terphenyl-d14	244	12.010	12.020	(0.903)	47452	3.12524	64(a)
* 81 Chrysene-d12	240	13.306	13.310	(1.000)	681730	40.0000	
67 Benzo(a)pyrene	252	15.320	15.244	(1.000)	2200	0.13720	2.8(a)
* 84 Perylene-d12	264	15.320	15.324	(1.000)	567645	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d
Date : 10-AUG-2008 22:18
Client ID: 080408-04
Sample Info: 940031;4444882
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Benzaldehyde
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-2-Methylphenol
-Nitrobenzene-d5 (SUR)
-2,4-Dimethylphenol
-4-Chloroaniline
-Naphthalene-d8
Naphthalene+
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
-2,4,6-Tribromophenol (SUR+
Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Benzo(a)pyrene+

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

Client ID: 080408-04

Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0

Operator: BNAMS 4

Column phase: DB-5

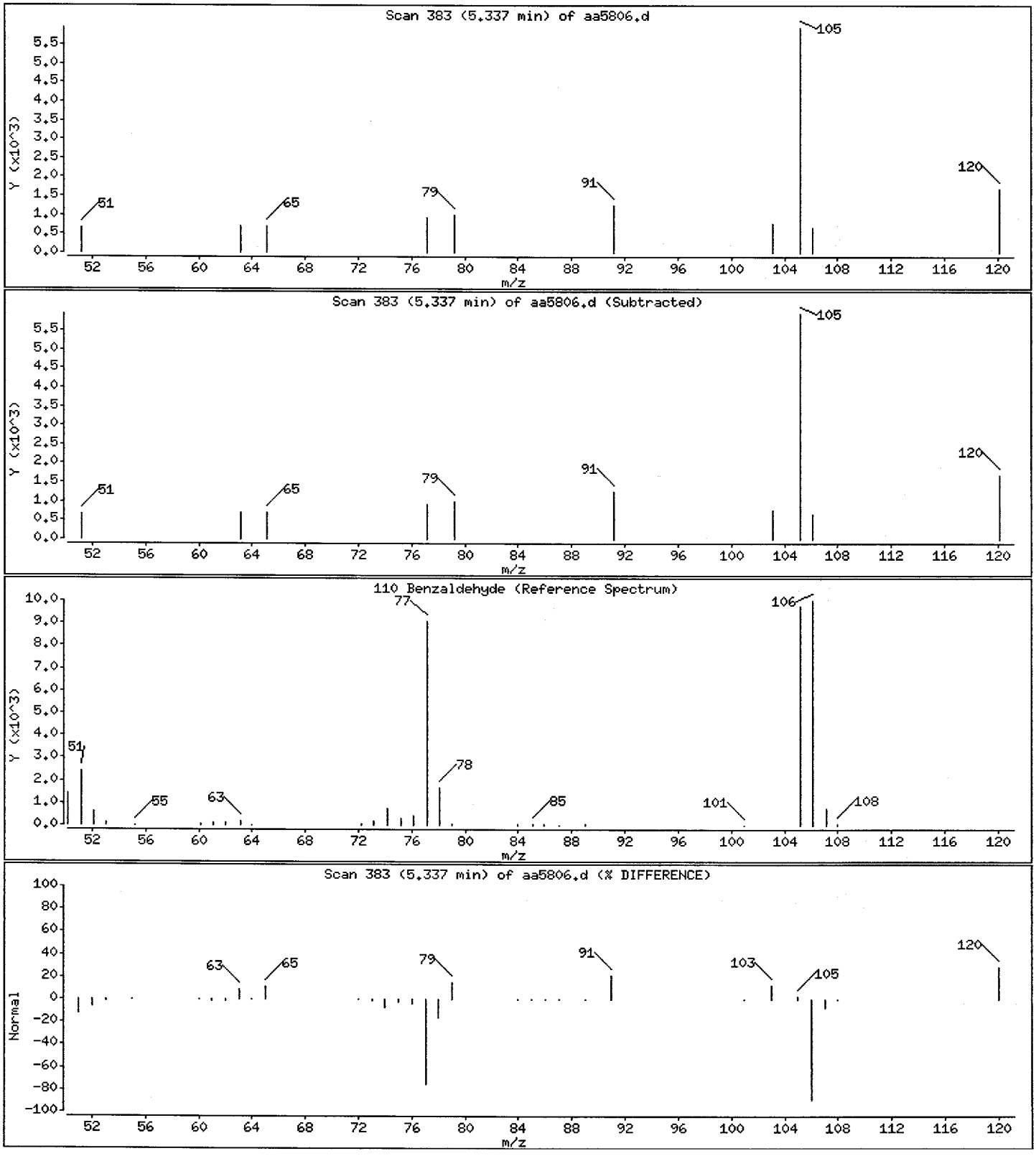
Column diameter: 0.25

FALSE POSITIVE

Ink

110 Benzaldehyde

Concentration: 9.2 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

Client ID: 080408-04 Instrument: BNAMS8.i

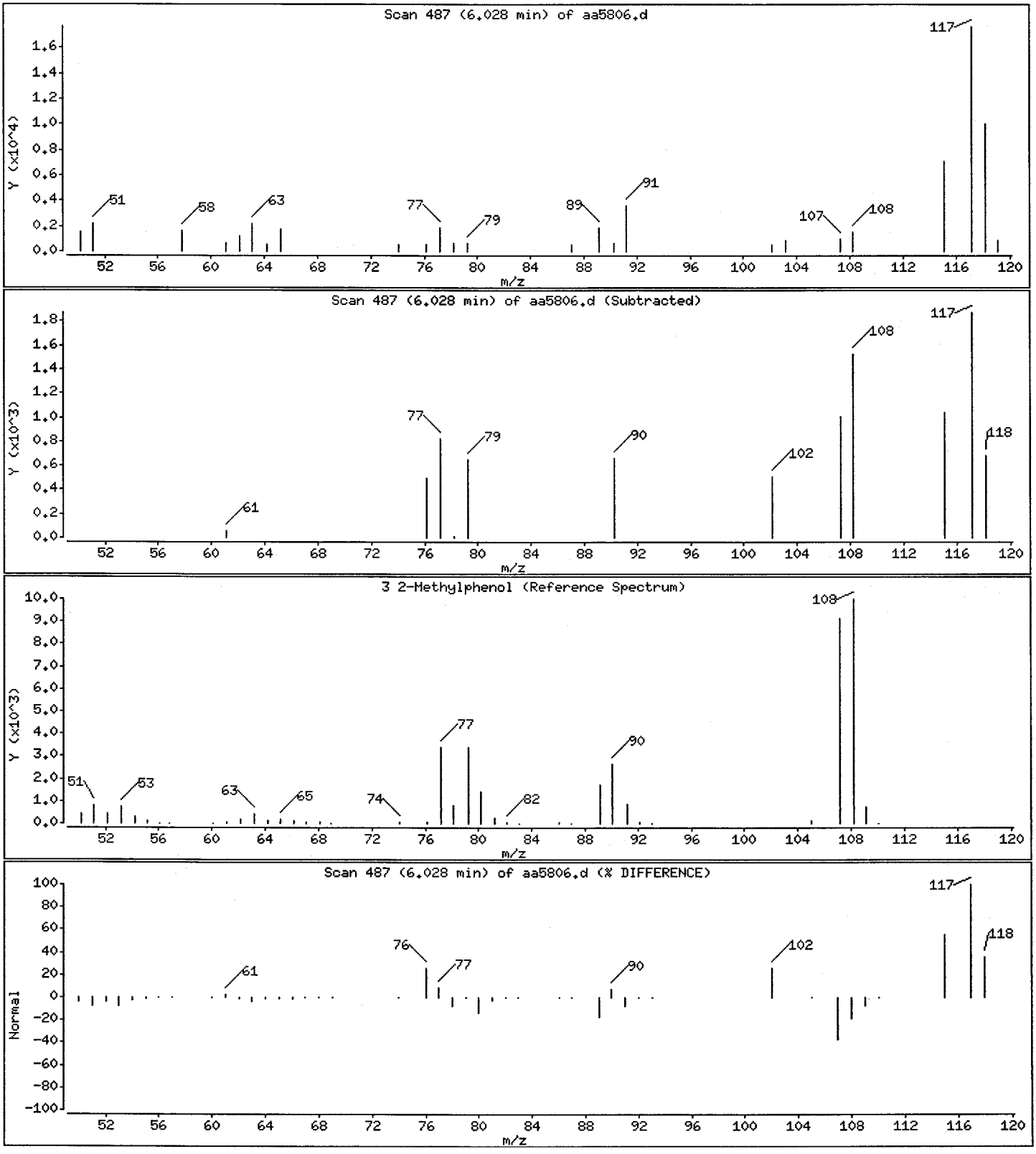
Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

False Pos W.J

3 2-Methylphenol Concentration: 6.6 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

Client ID: 080408-04

Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0

Operator: BNAMS 4

Column phase: DB-5

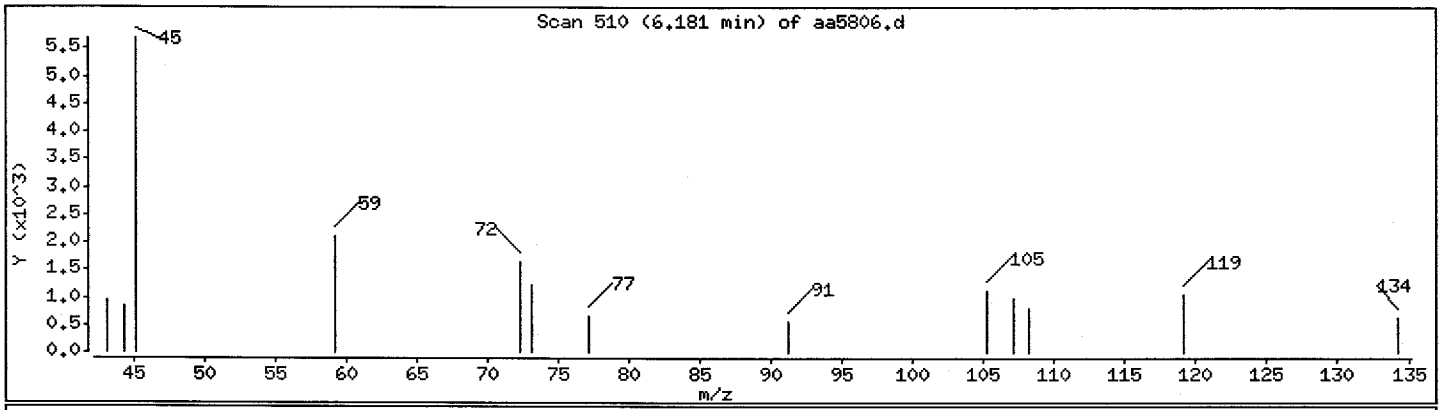
Column diameter: 0.25

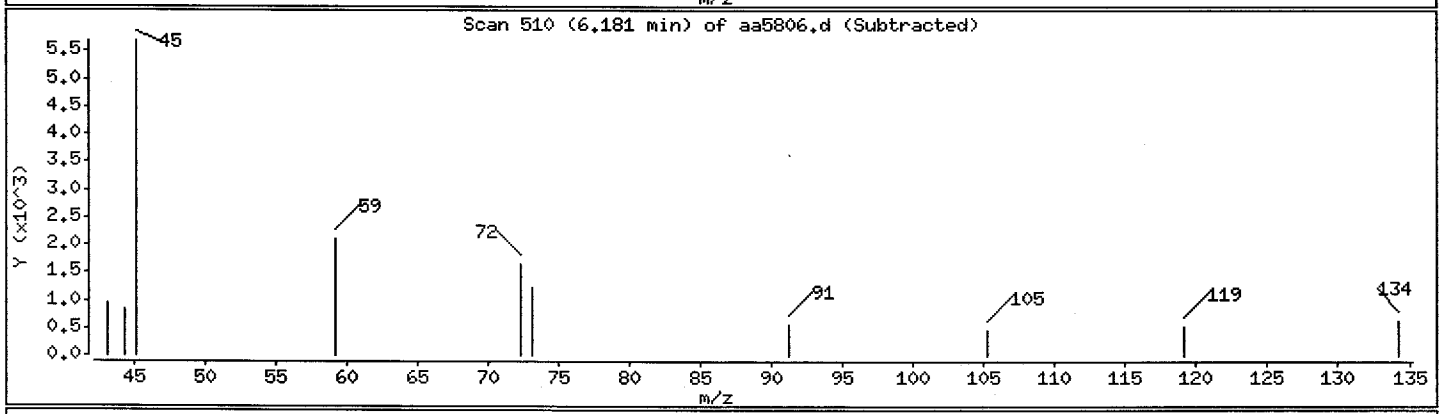
FALSE POSITIVE

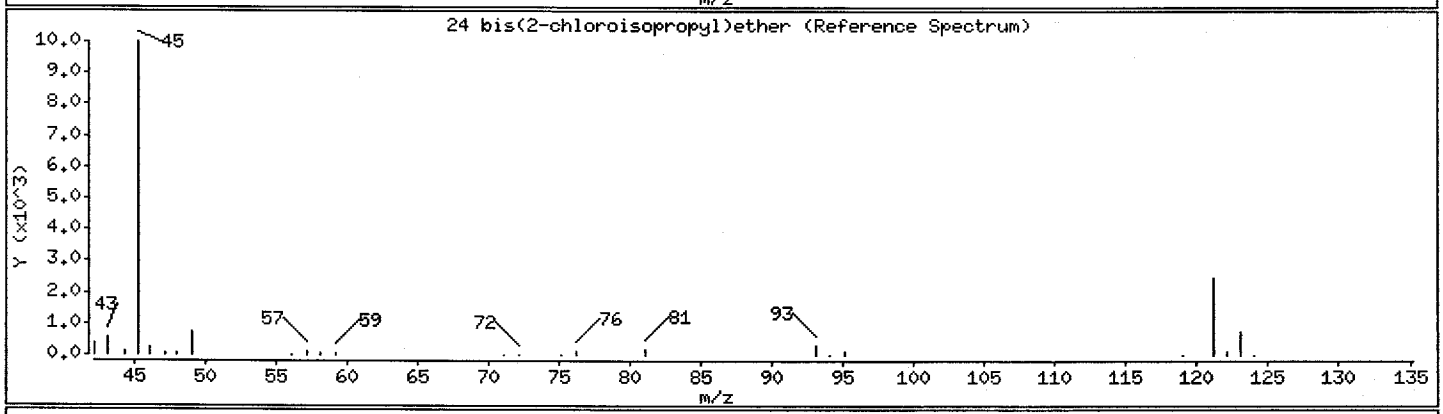
lak

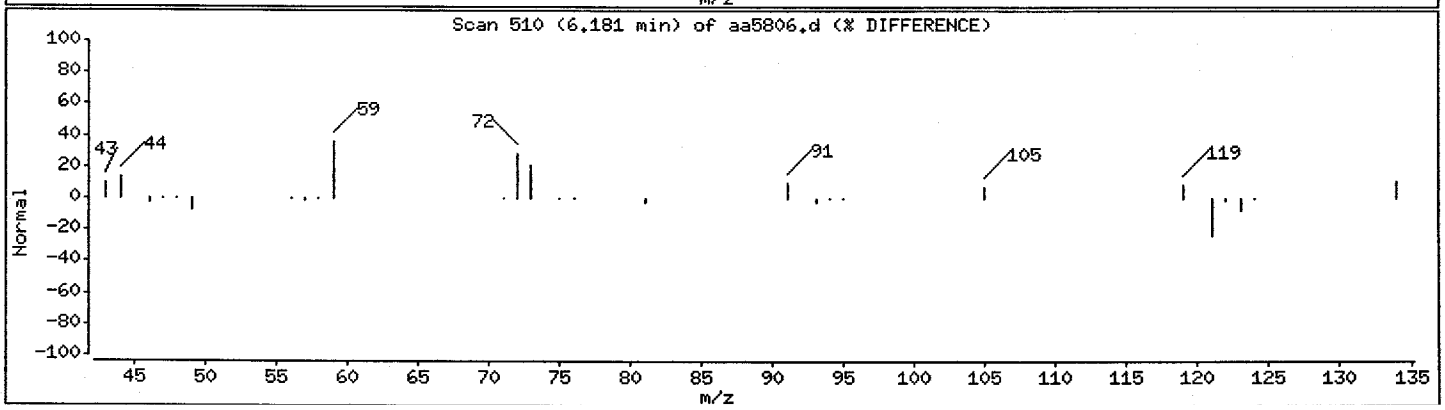
24 bis(2-chloroisopropyl)ether

Concentration: 13 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

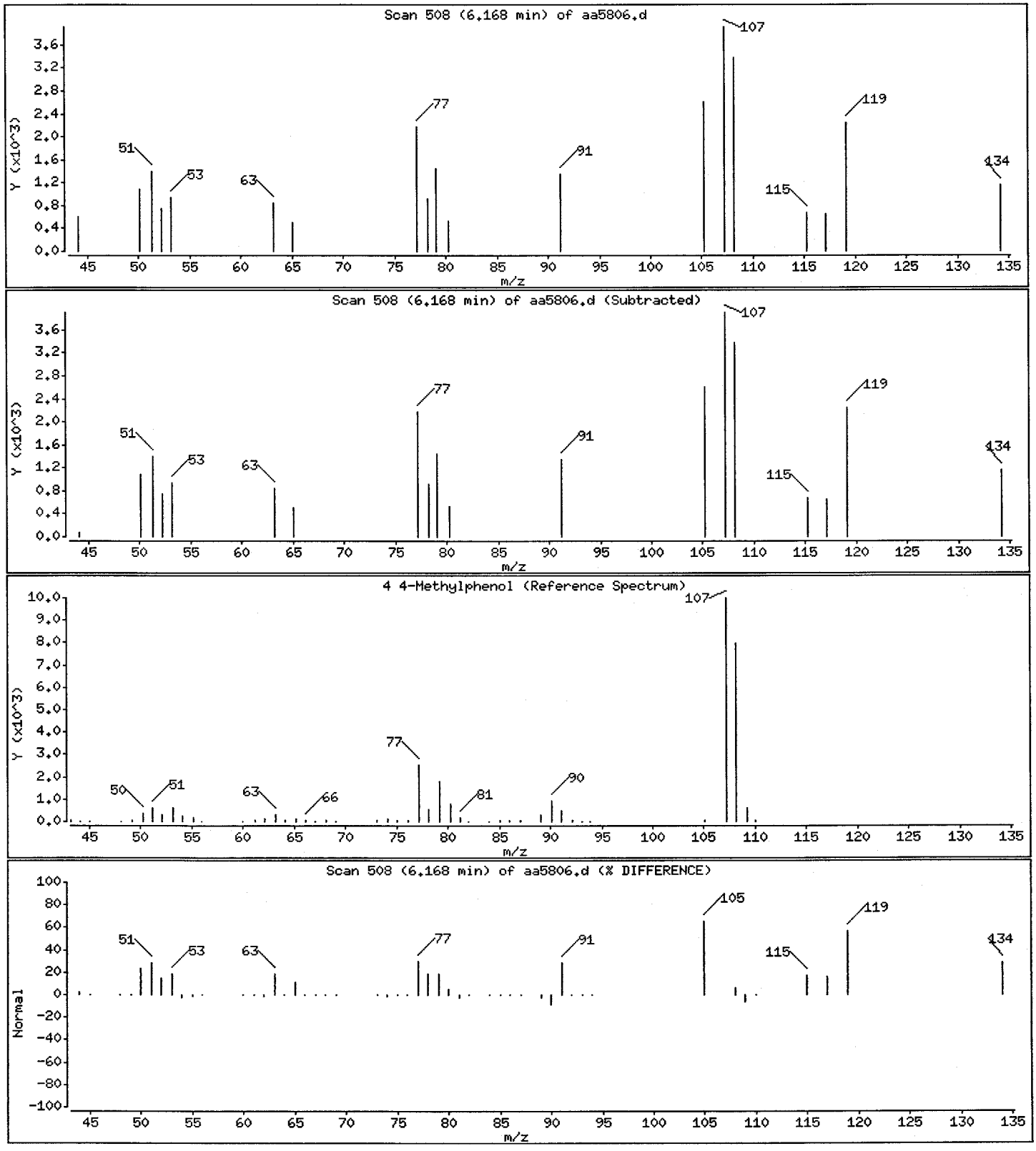
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 17 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

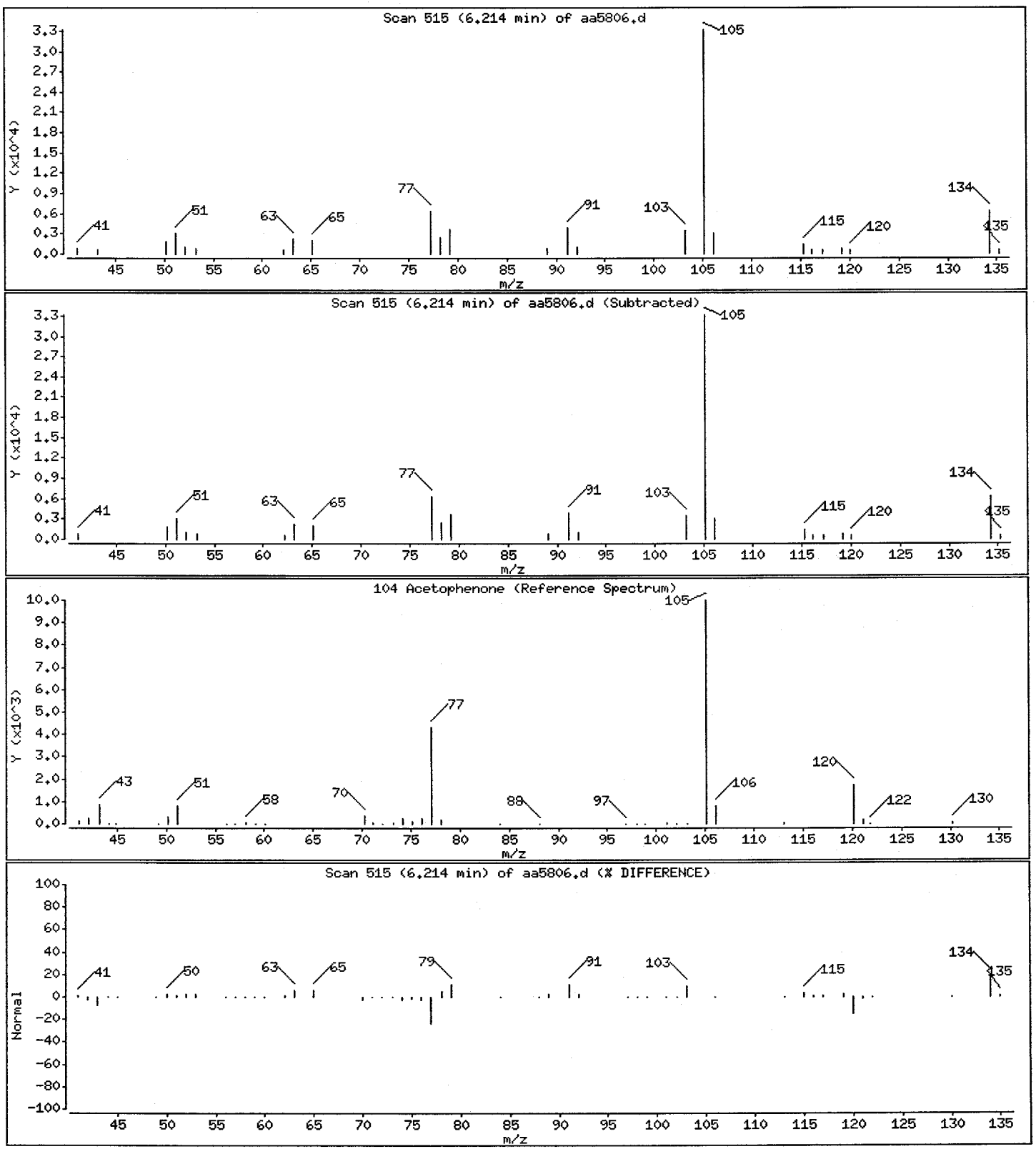
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

104 Acetophenone Concentration: 110 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

Client ID: 080408-04 Instrument: BNAMS8.i

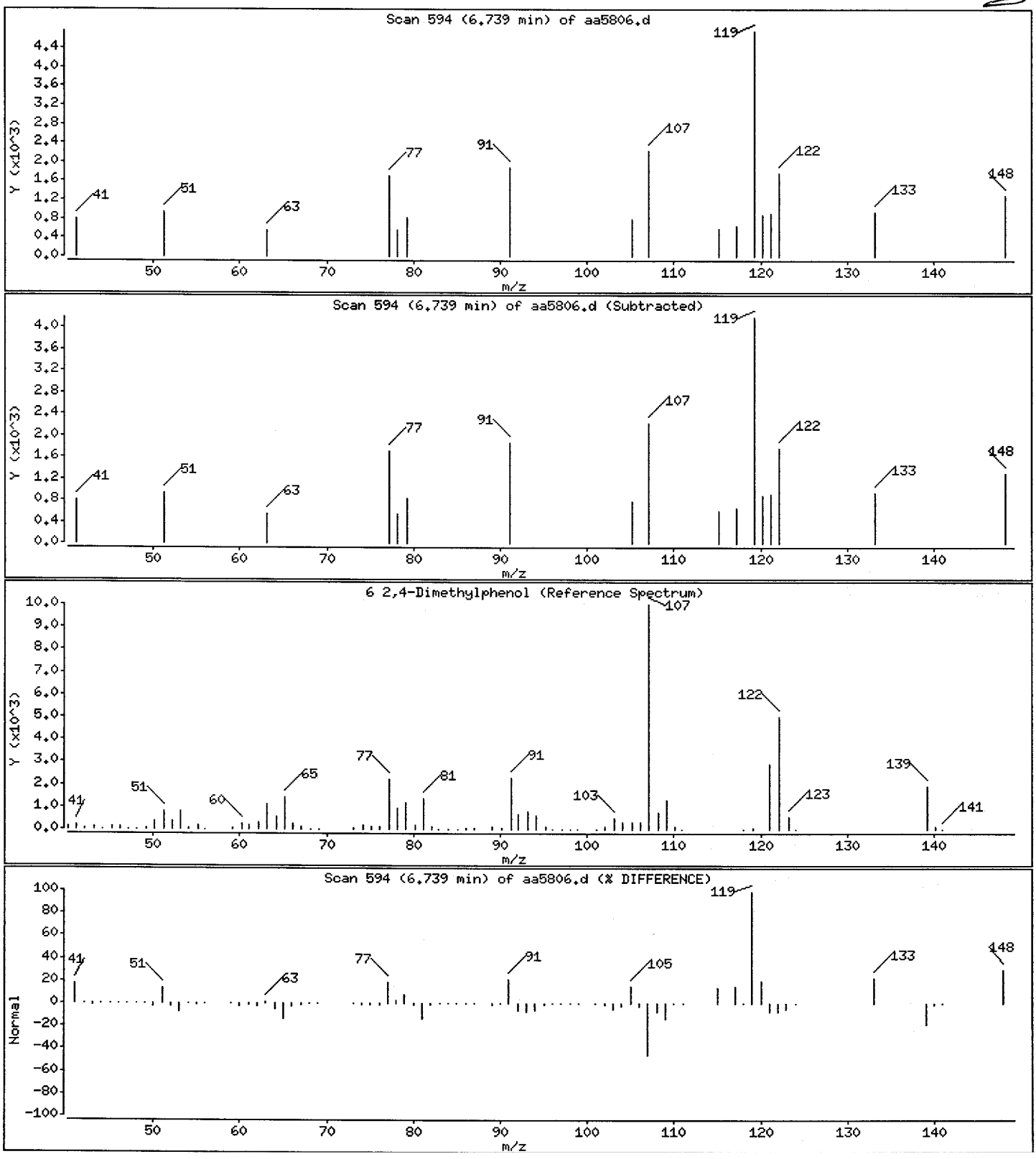
Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

6 2,4-Dimethylphenol Concentration: 10 ug/L

False Pos. WJ



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

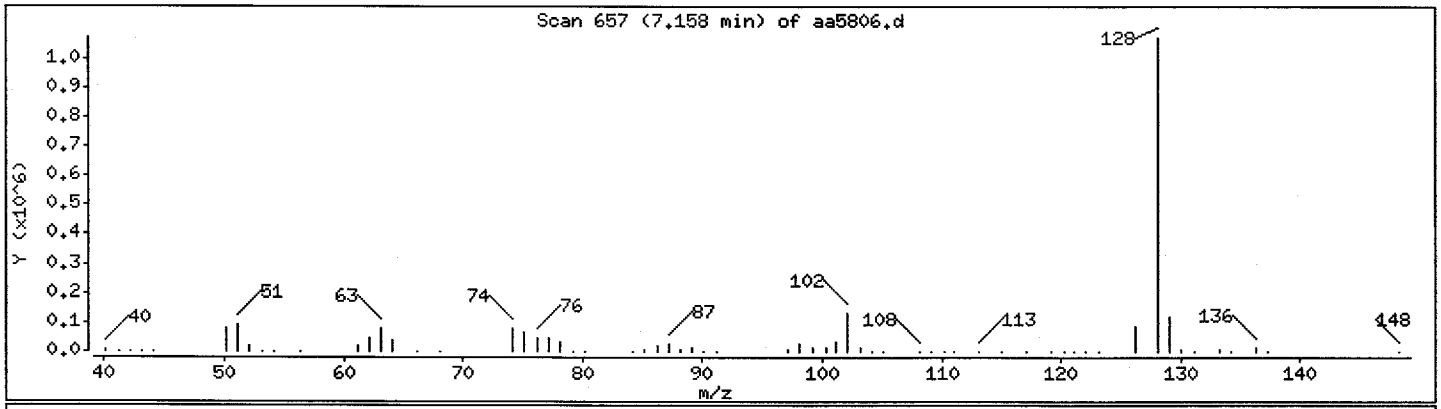
Client ID: 080408-04 Instrument: BNAMS8.i

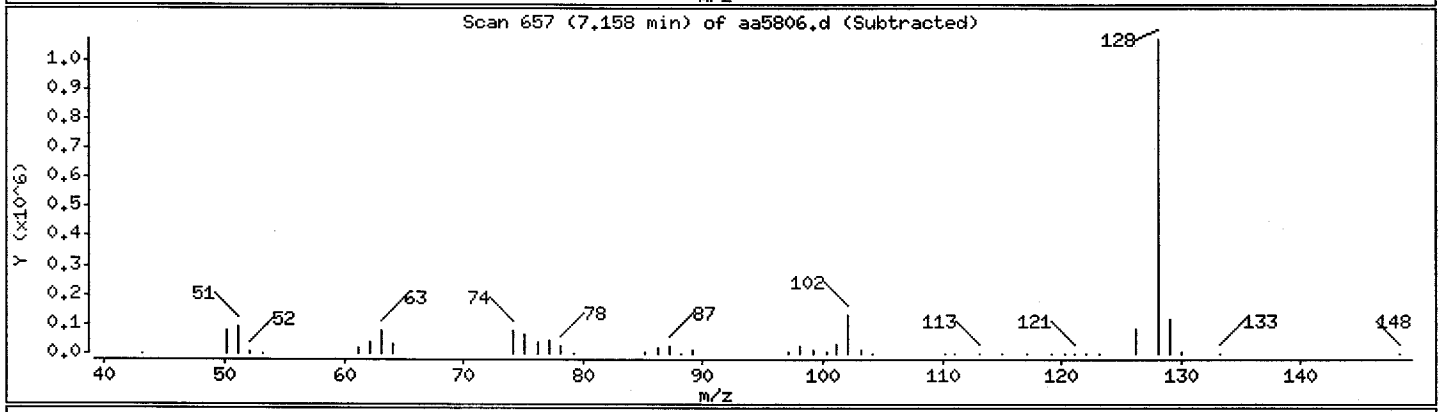
Sample Info: 940031:4444882

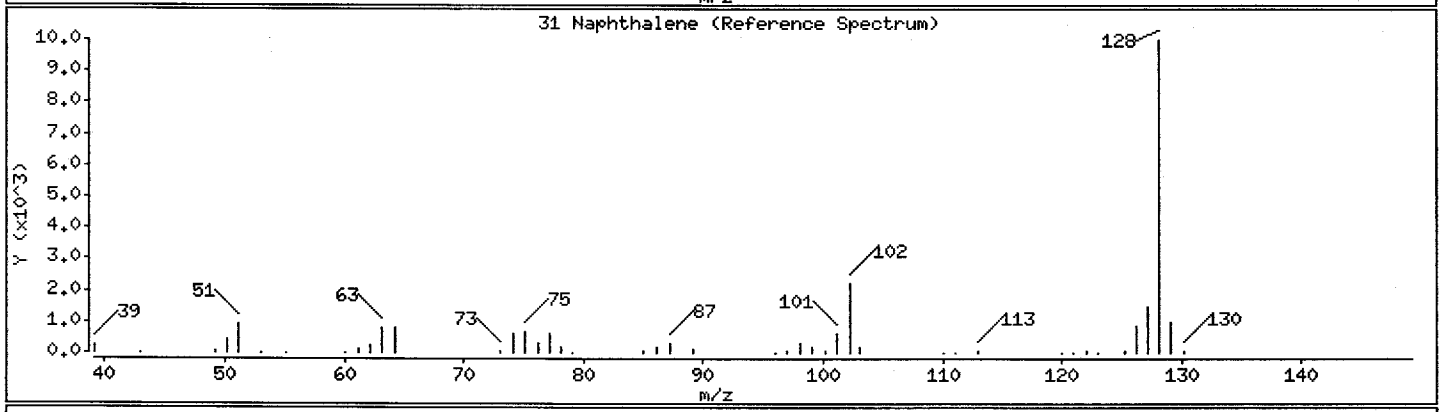
Volume Injected (uL): 1.0 Operator: BNAMS 4

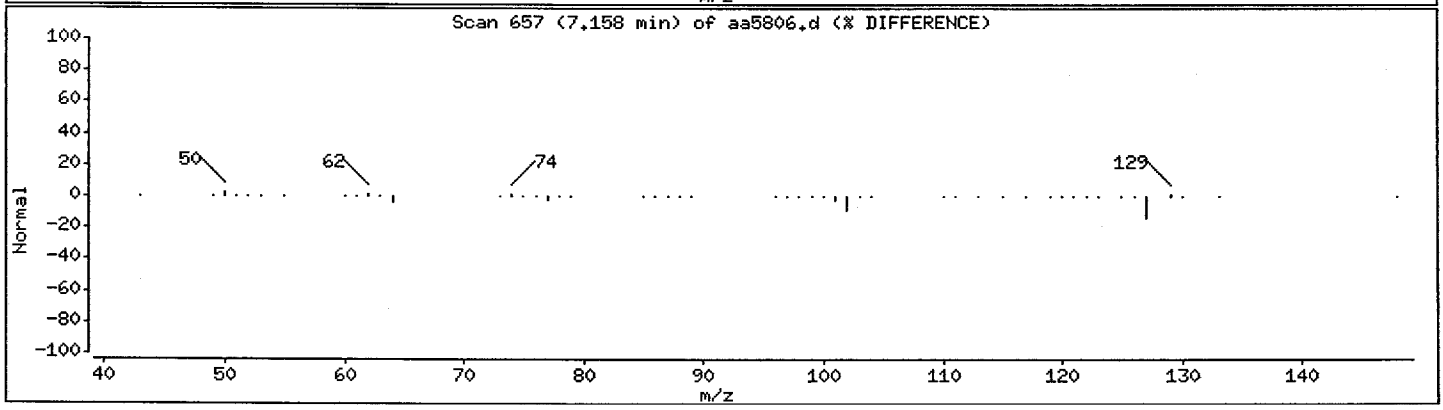
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 1800 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

Client ID: 080408-04 Instrument: BNAMS8.i

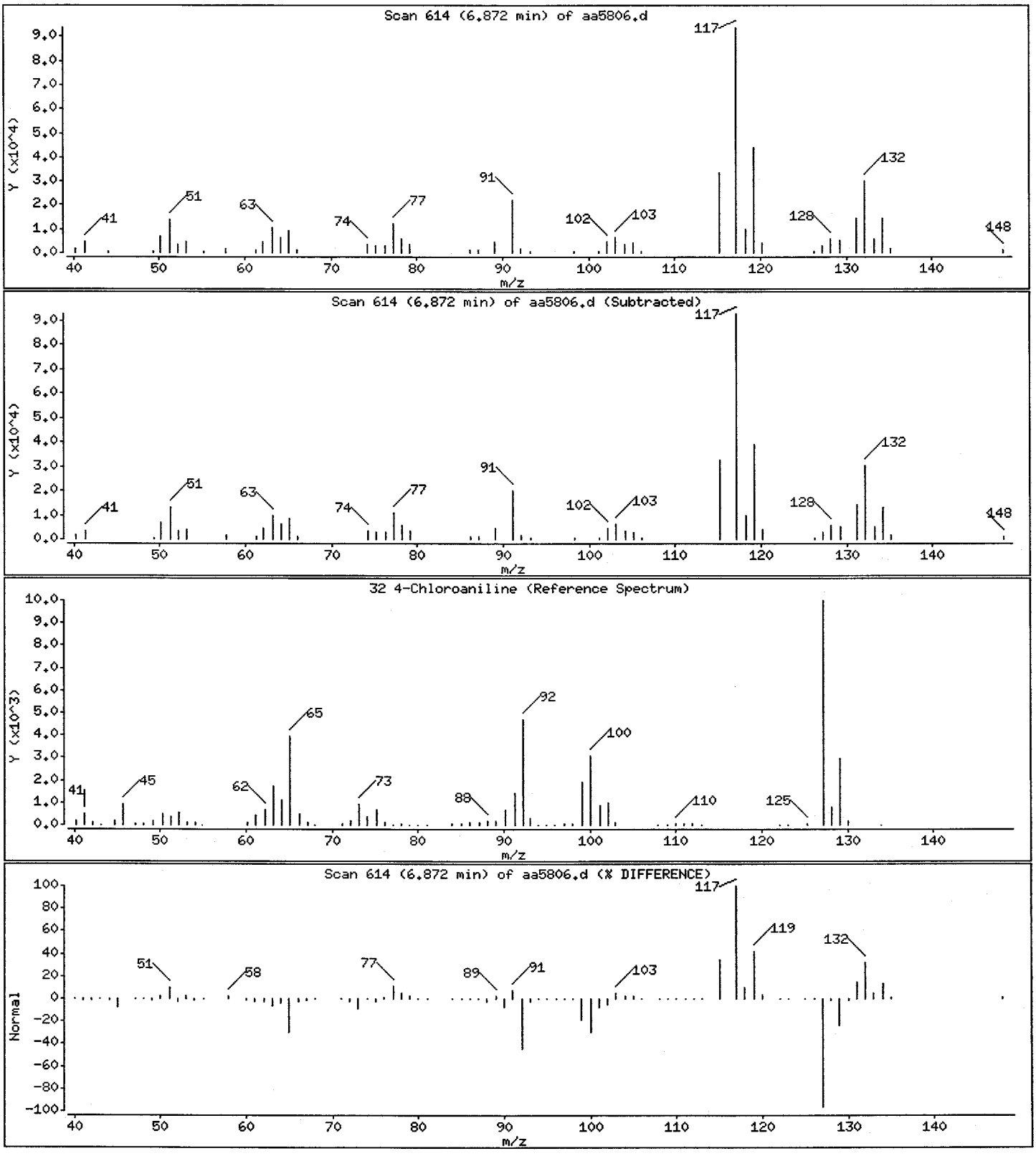
Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

32 4-Chloroaniline Concentration: 10 ug/L

FALSE POSITIVE
Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

Client ID: 080408-04

Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0

Operator: BNAMS 4

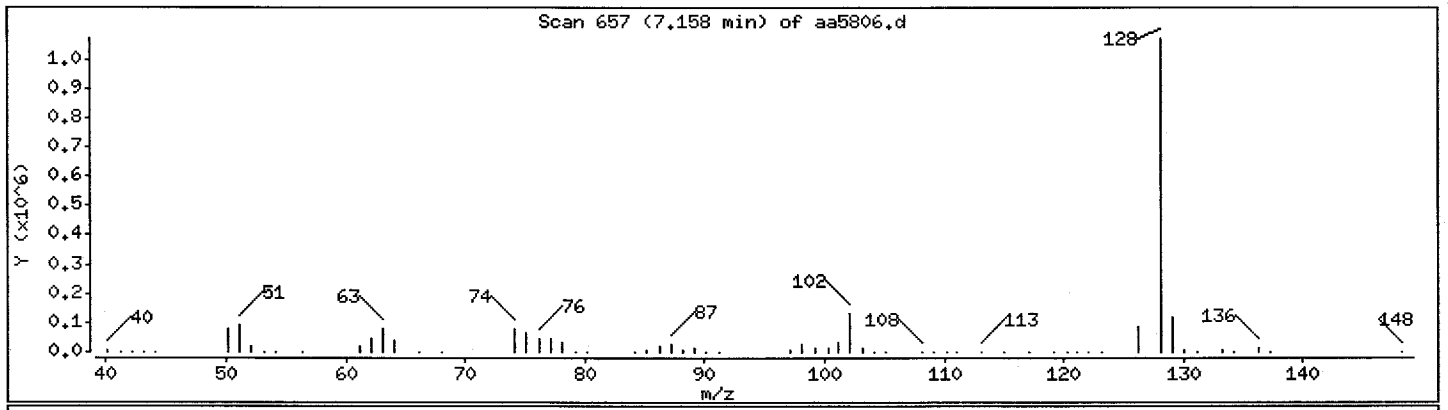
Column phase: DB-5

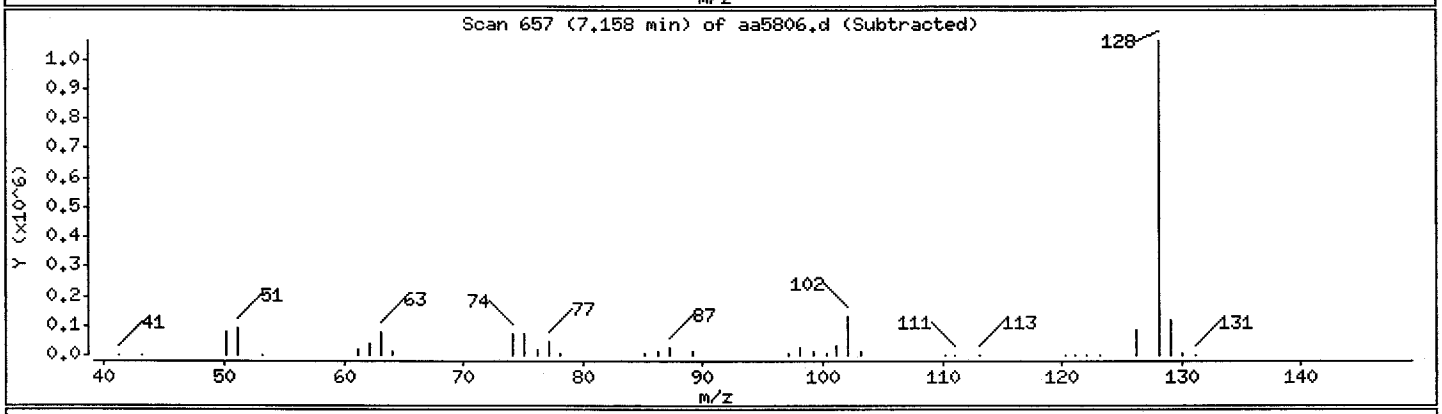
Column diameter: 0.25

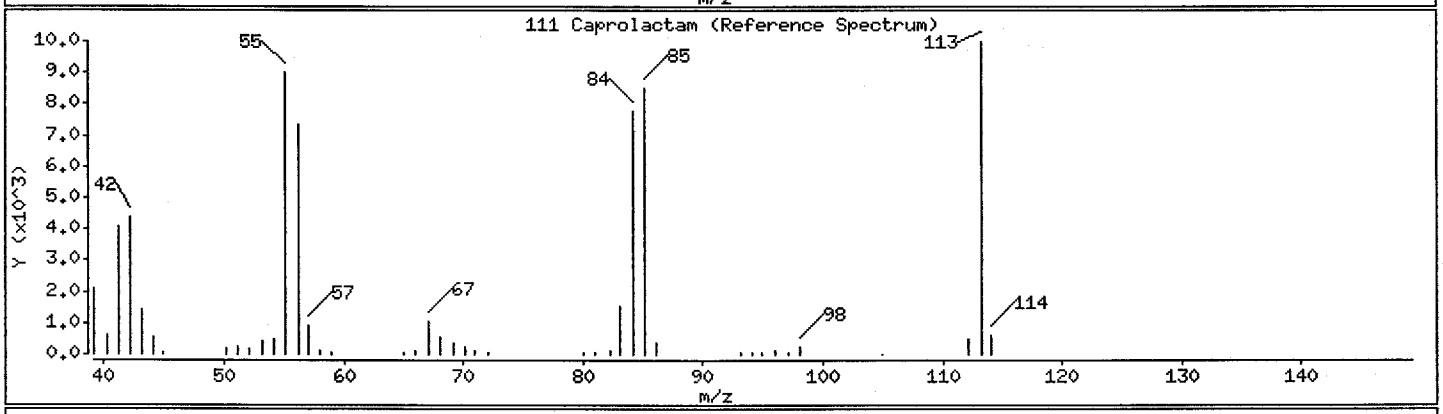
111 Caprolactam

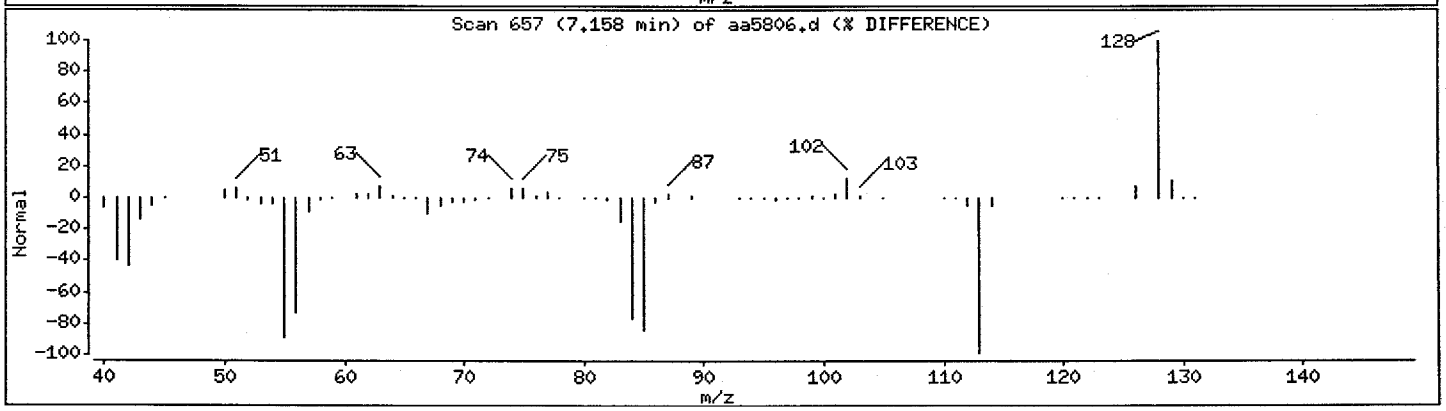
Concentration: 33 ug/L

FALSE POSITIVE
Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

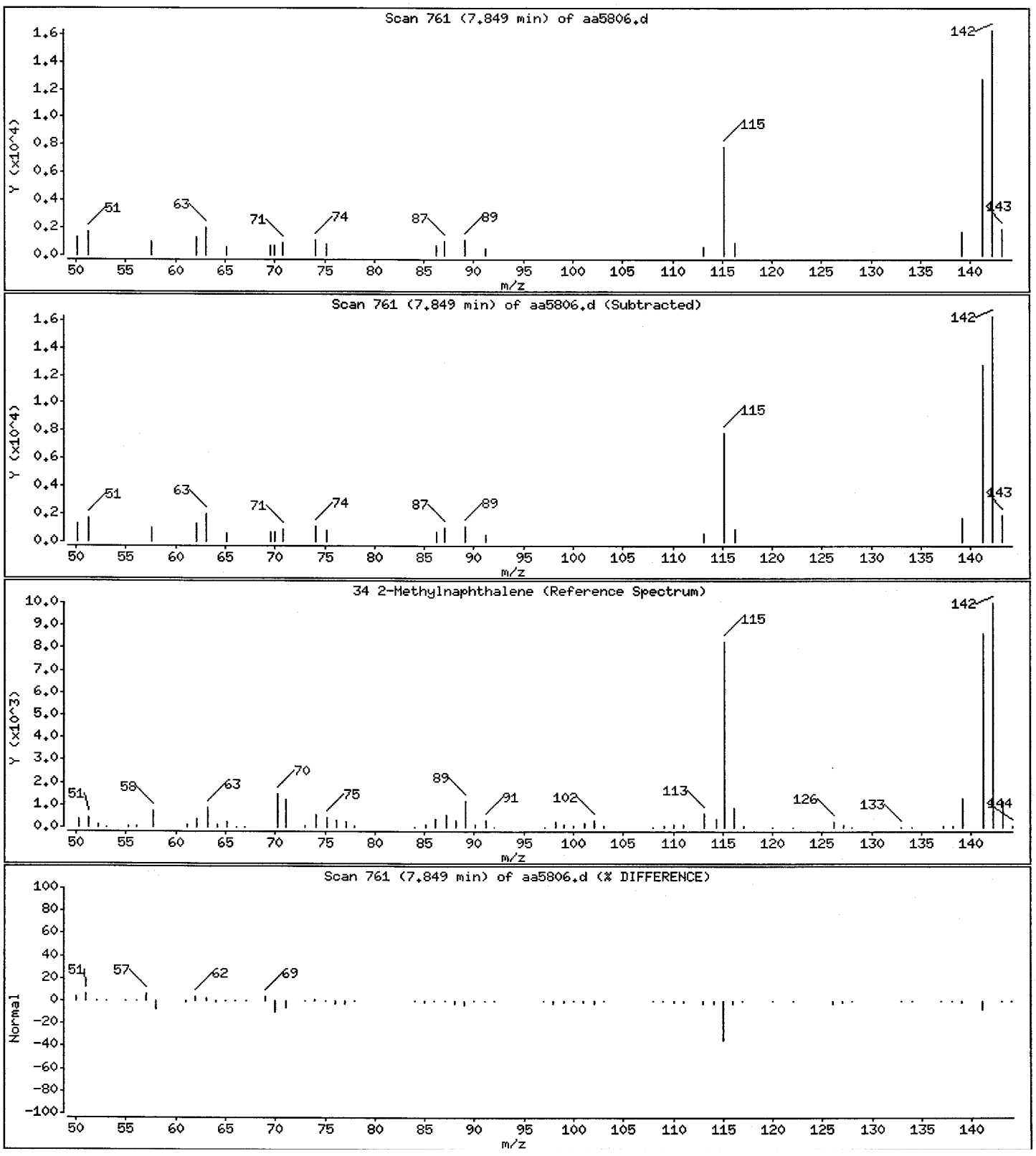
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 37 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

Client ID: 080408-04

Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0

Operator: BNAMS 4

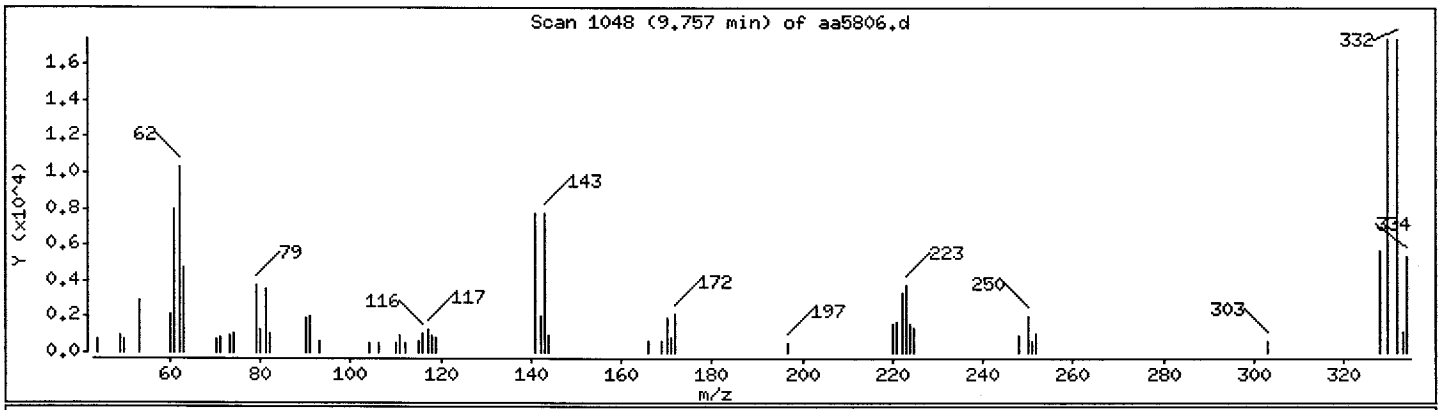
Column phase: DB-5

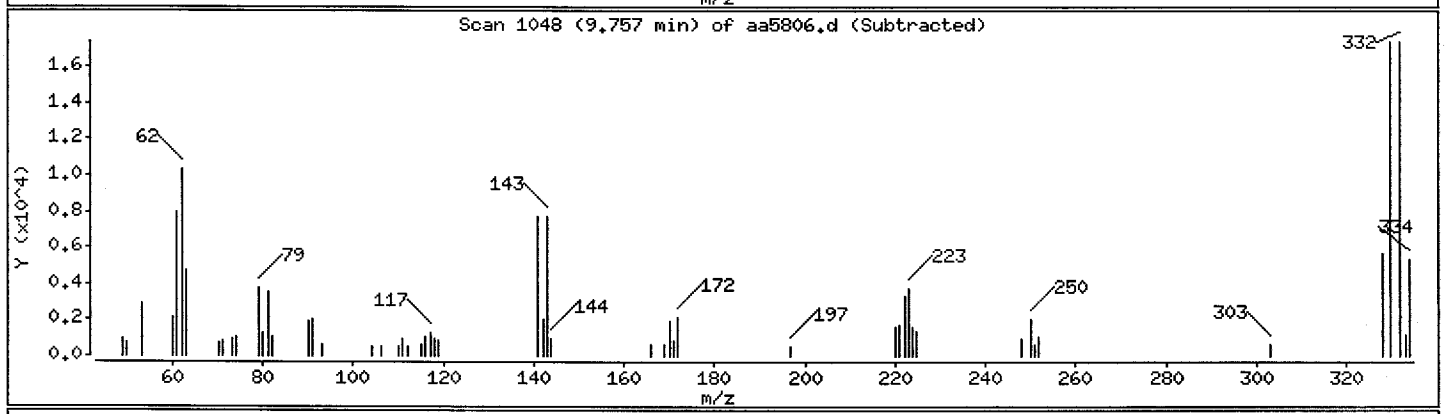
Column diameter: 0.25

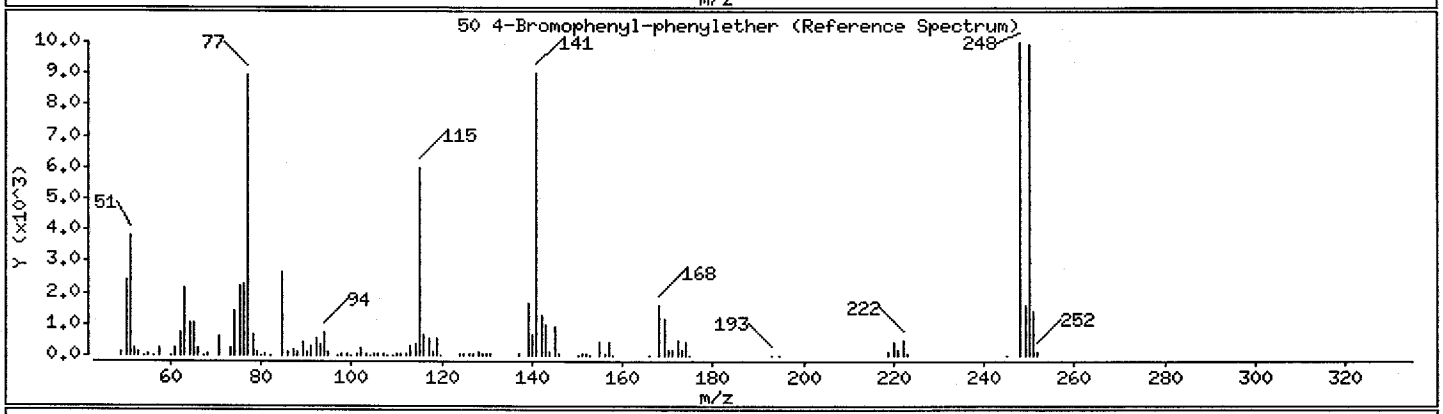
FALSE POSITIVE
Init.

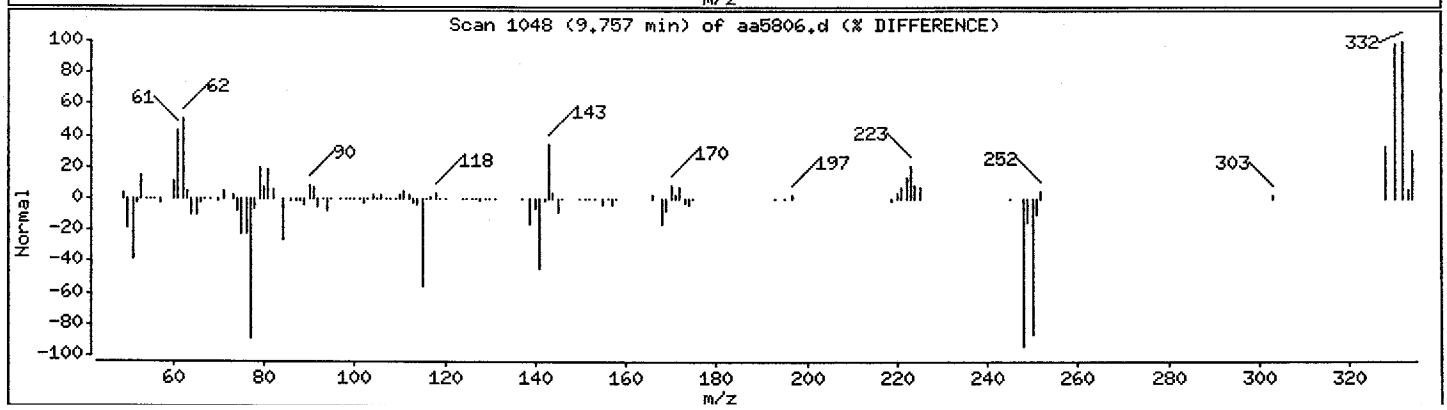
50 4-Bromophenyl-phenylether

Concentration: 3.5 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

Client ID: 080408-04

Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0

Operator: BNAMS 4

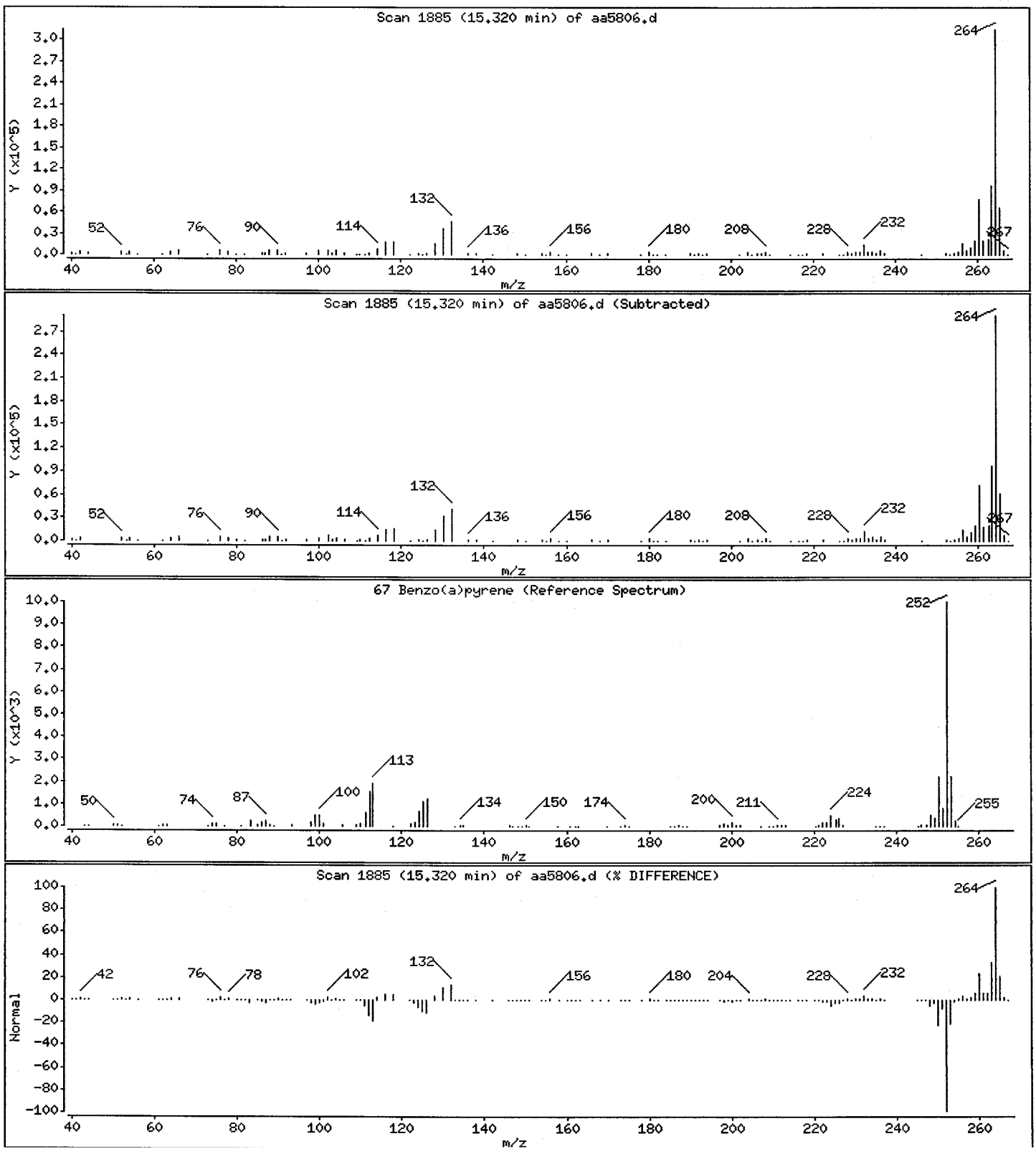
Column phase: DB-5

Column diameter: 0.25

FALSE POSITIVE
Init.

67 Benzo(a)pyrene

Concentration: 2.8 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

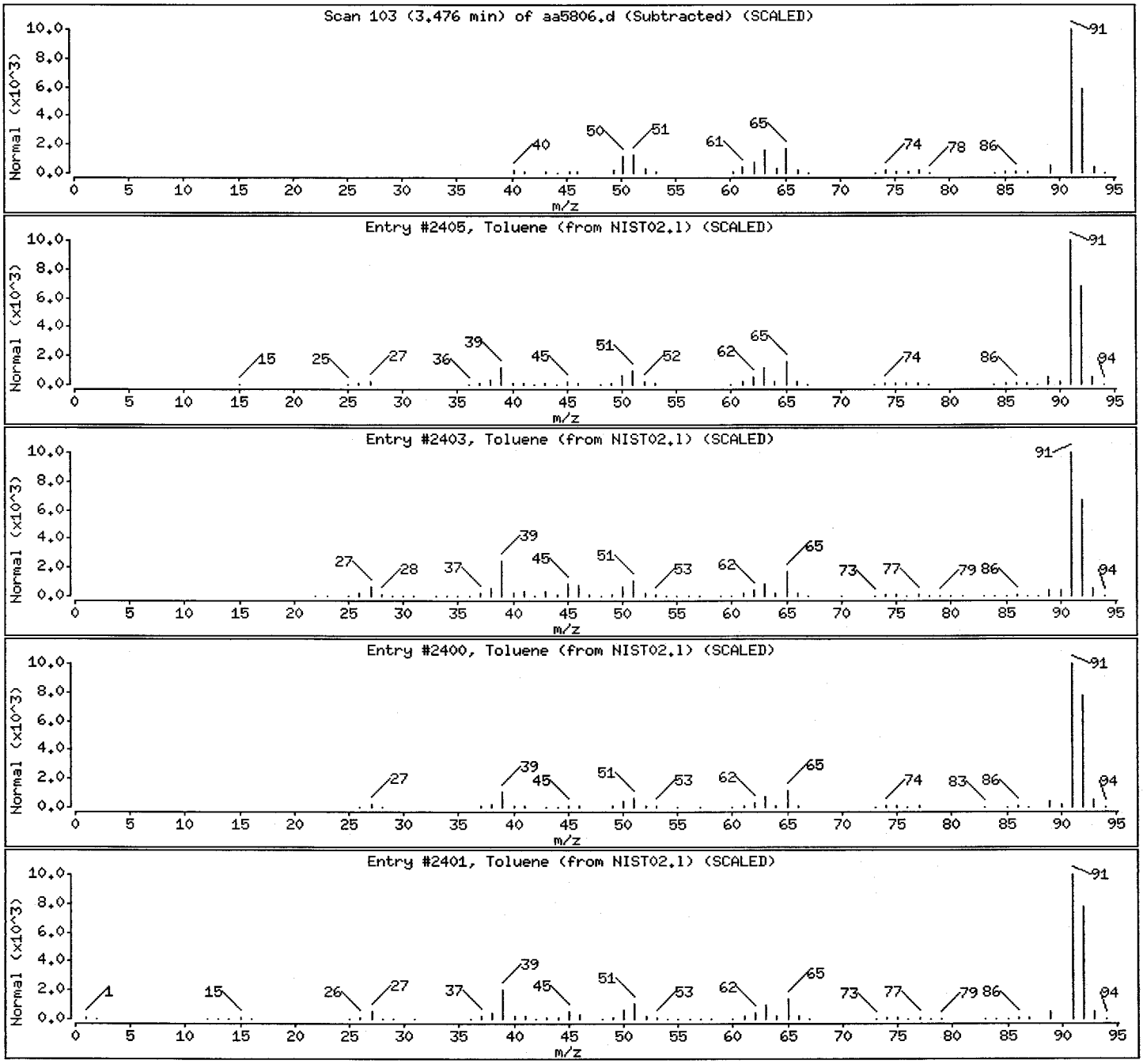
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	91	C7H8	92
Toluene	108-88-3	NIST02.l	2403	91	C7H8	92
Toluene	108-88-3	NIST02.l	2400	90	C7H8	92
Toluene	108-88-3	NIST02.l	2401	90	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

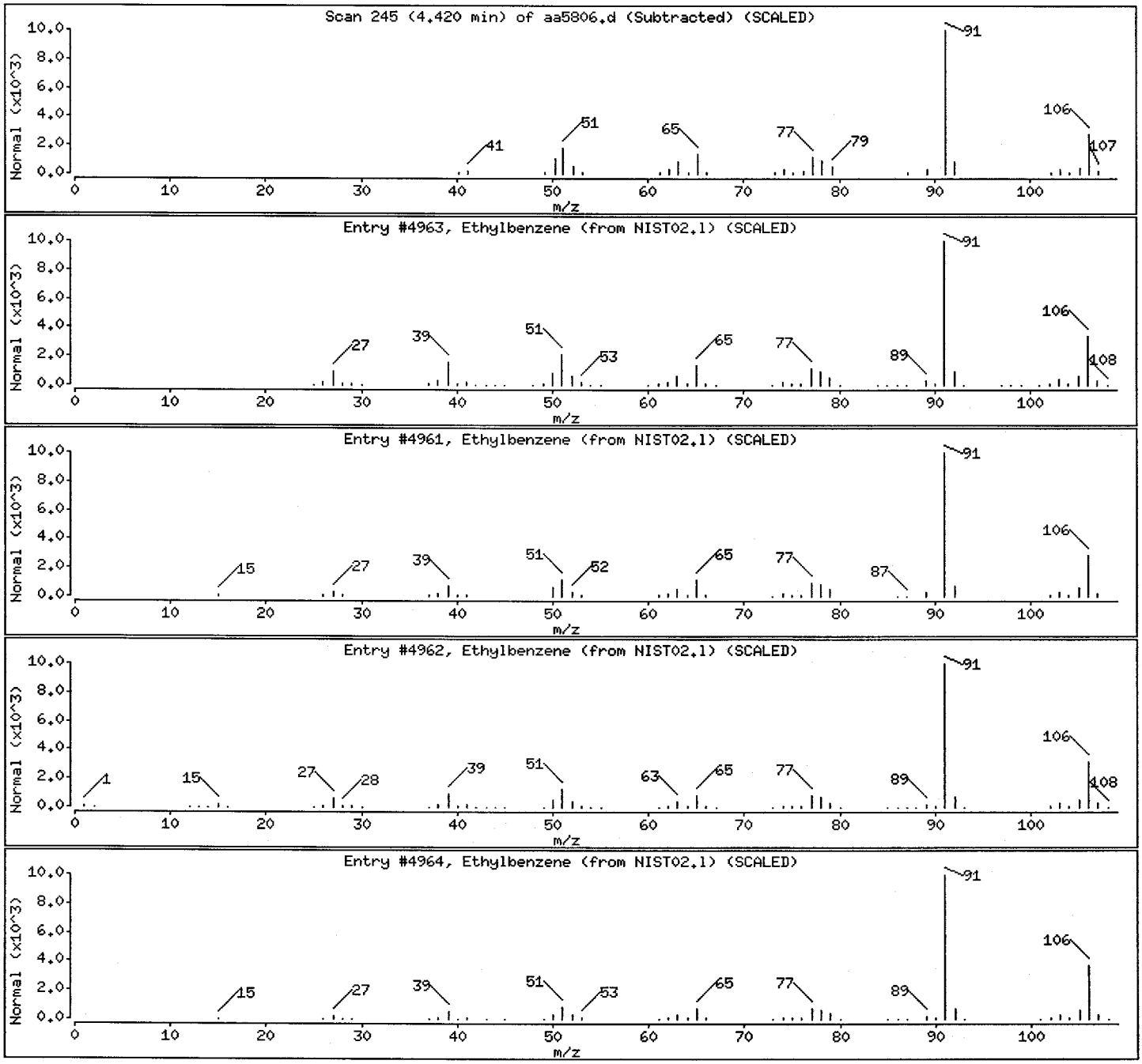
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4963	95	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	95	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	90	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

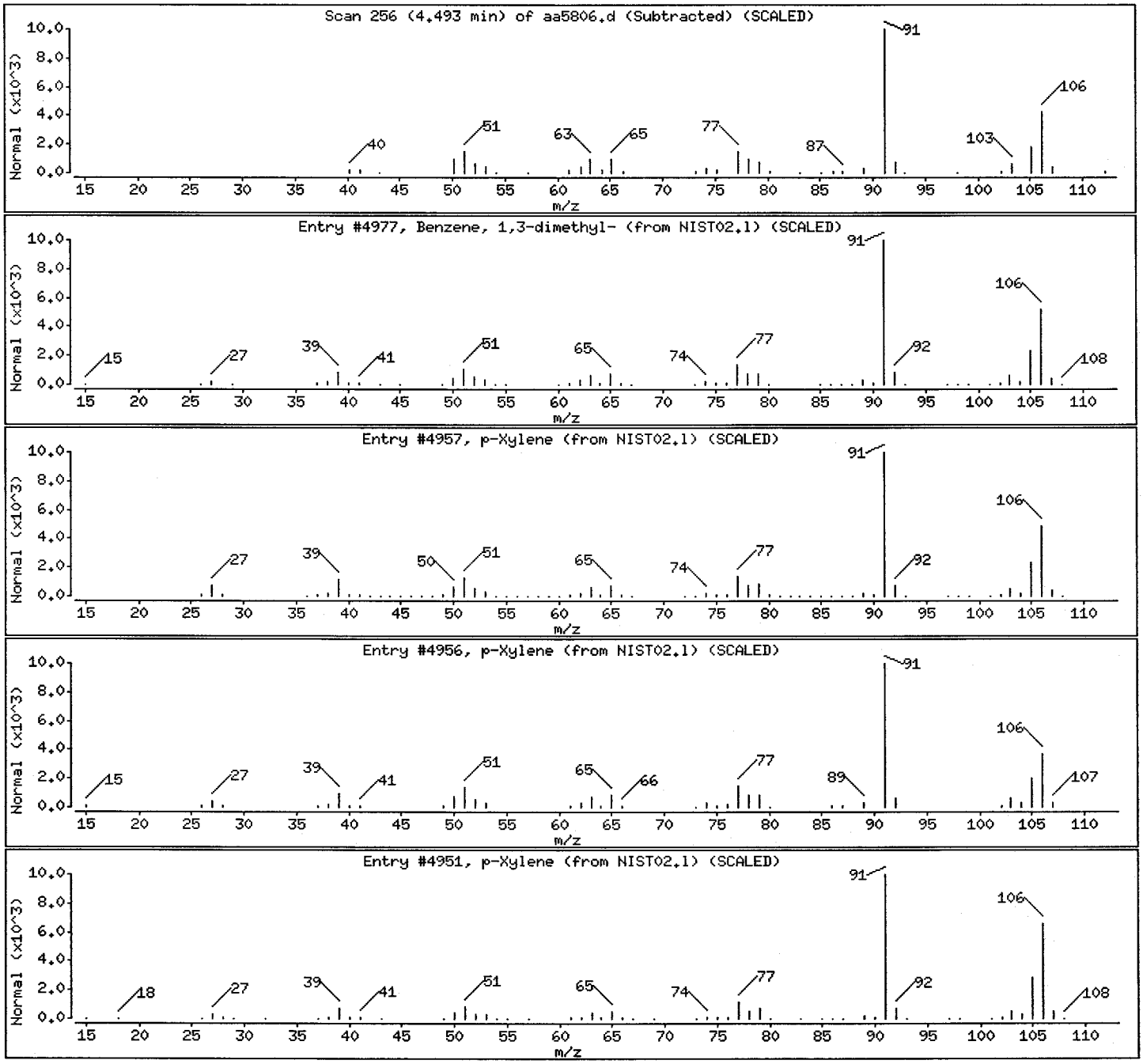
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031:4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
Benzene, 1,3-dimethyl-	108-38-3	NIST02.l	4977	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4957	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4956	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4951	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

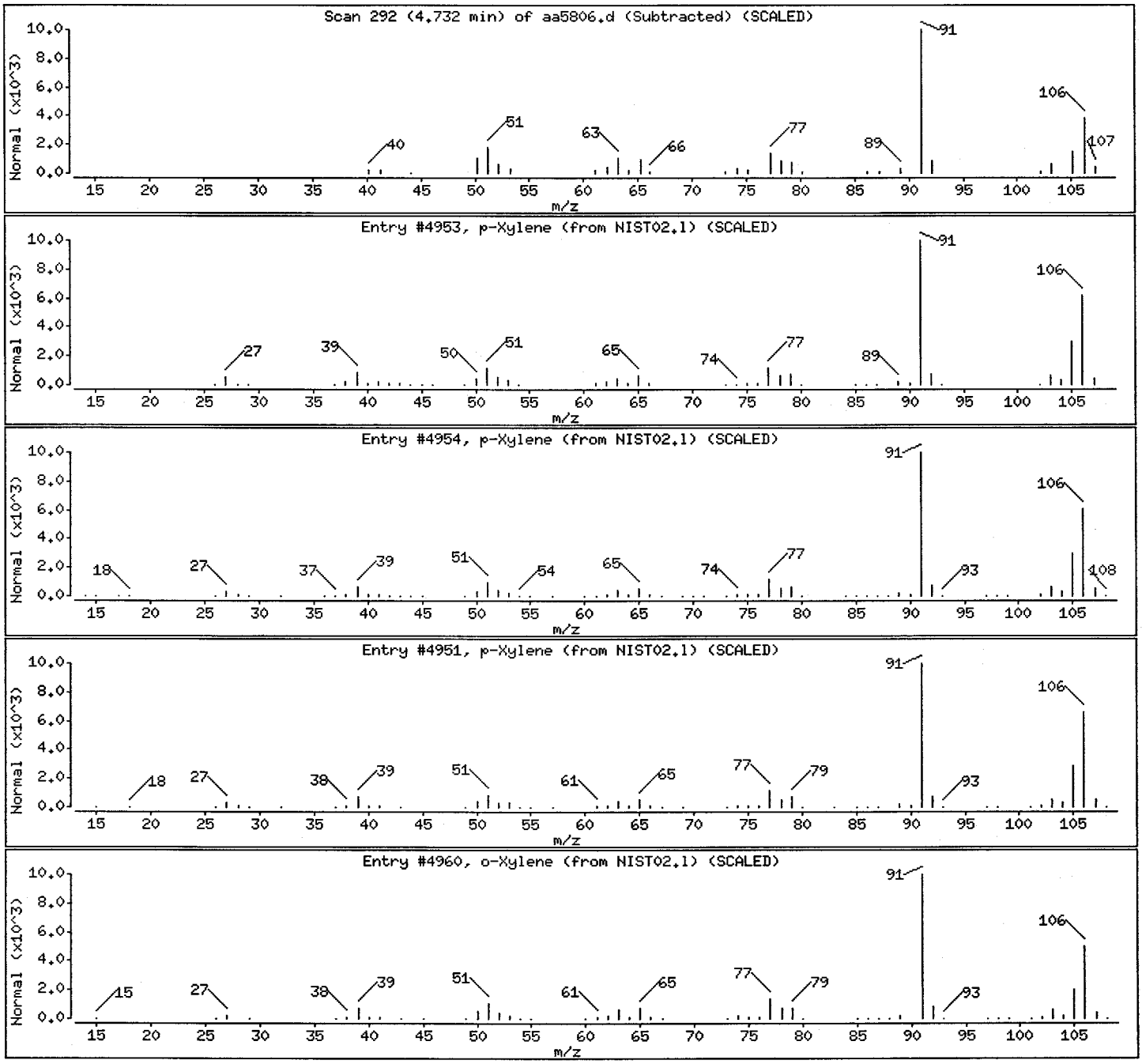
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
p-Xylene	106-42-3	NIST02.l	4953	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4954	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4951	94	C8H10	106
o-Xylene	95-47-6	NIST02.l	4960	93	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

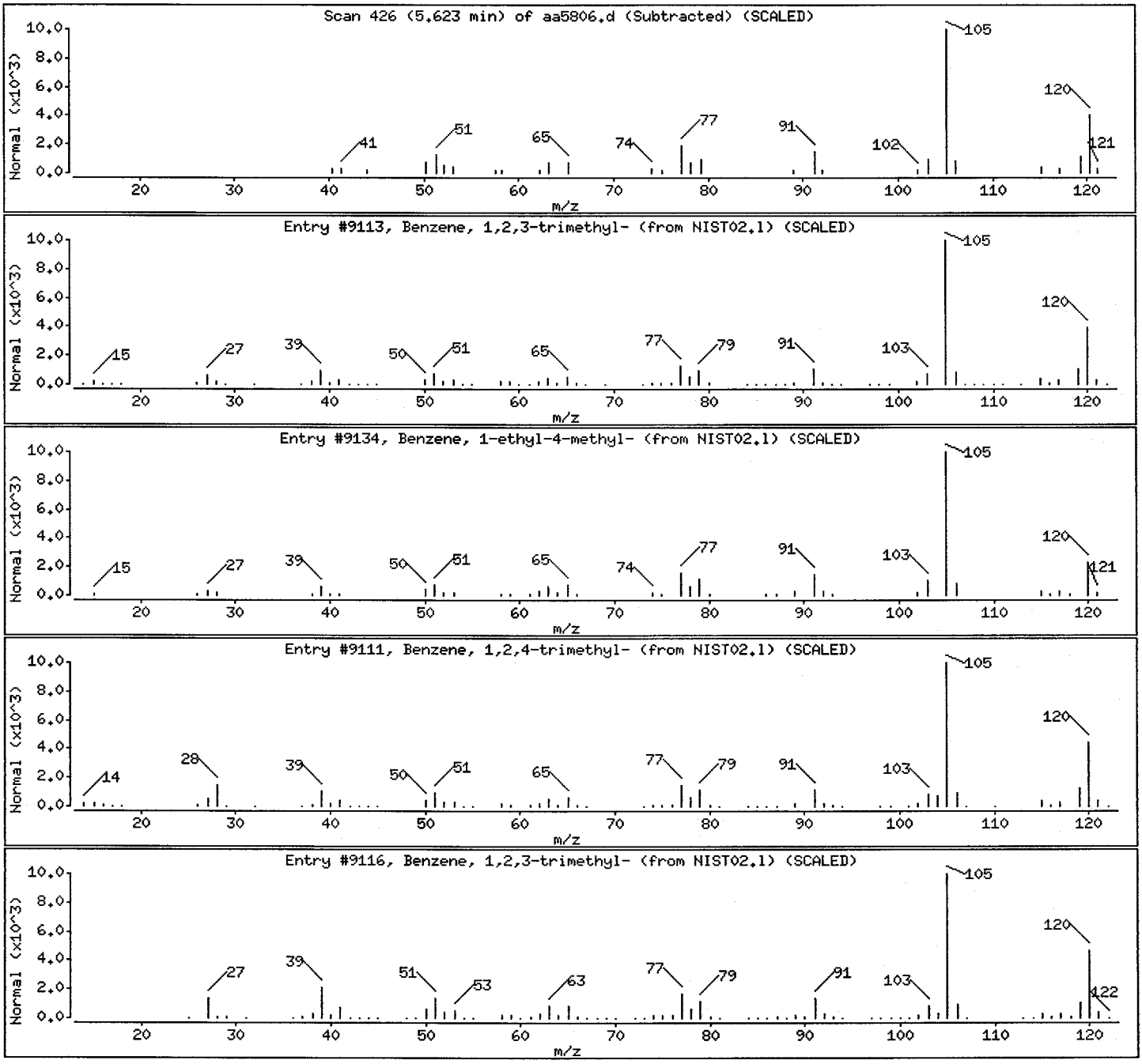
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	93	C9H12	120
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9134	93	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9111	93	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9116	91	C9H12	120



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

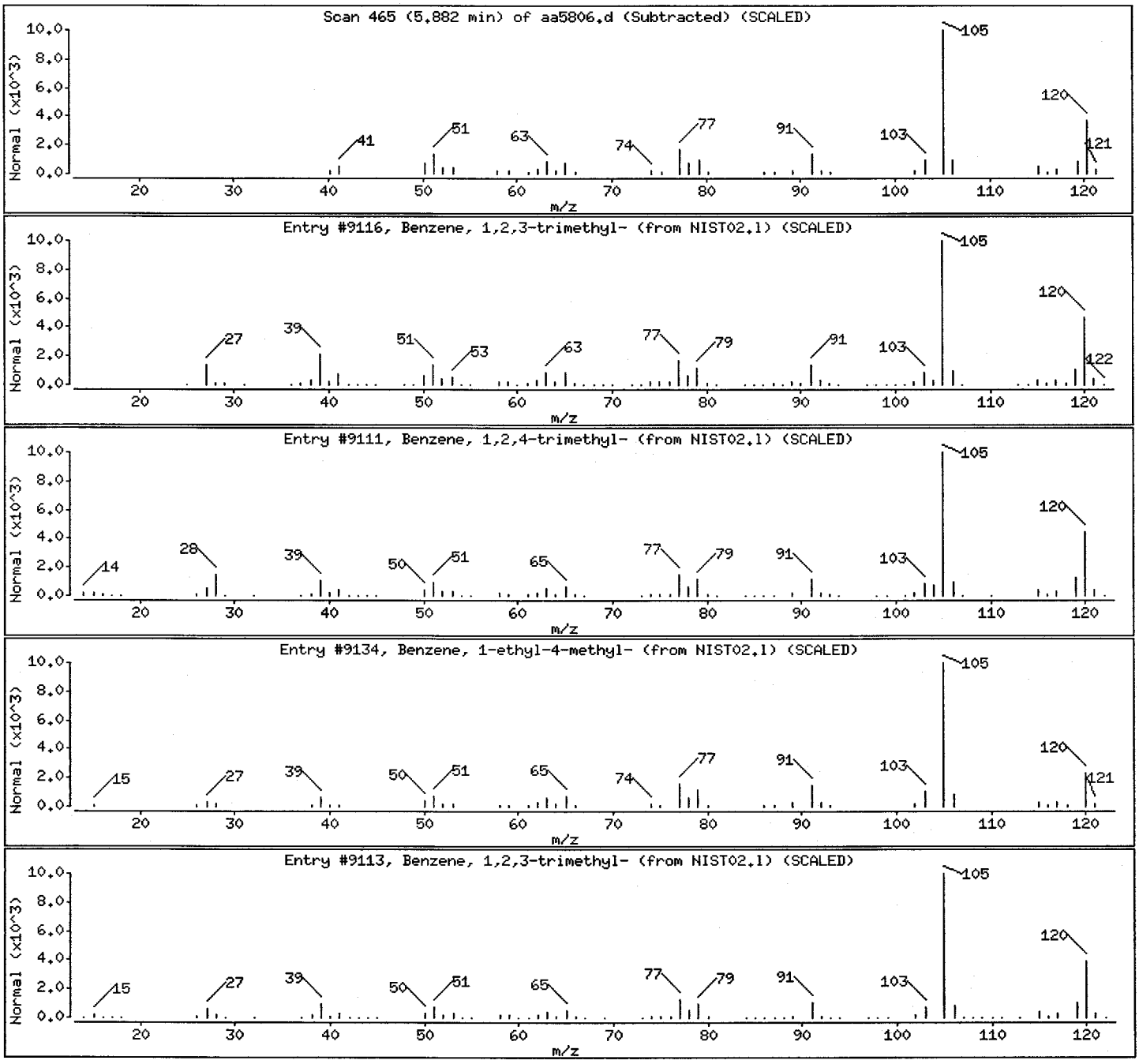
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9116	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9111	94	C9H12	120
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9134	93	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	93	C9H12	120



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

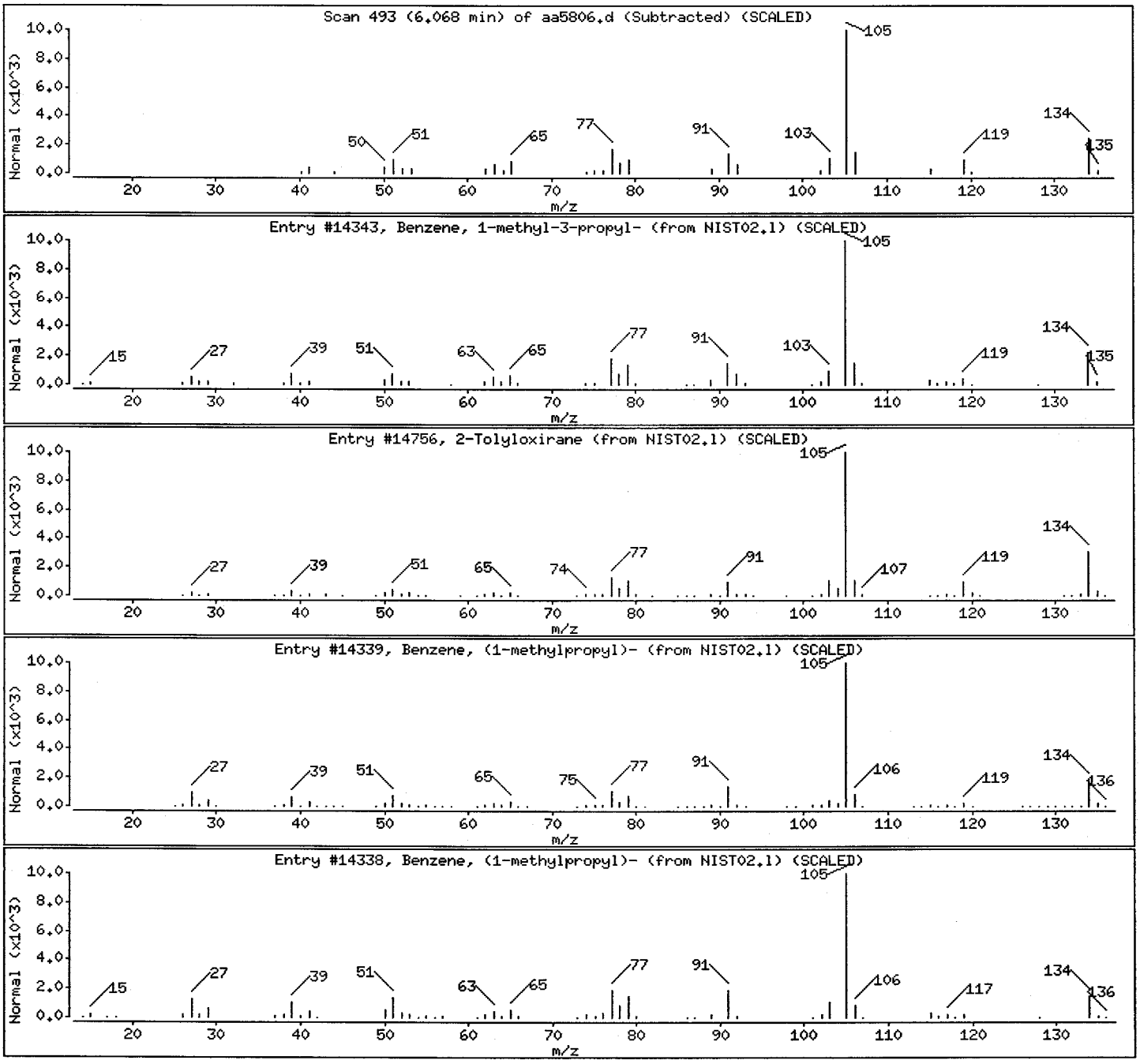
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylpropylbenzene isomer						
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.1	14343	93	C10H14	134
2-Tolyloxirane	2783-26-8	NIST02.1	14756	90	C9H10O	134
Benzene, (1-methylpropyl)-	135-98-8	NIST02.1	14339	80	C10H14	134
Benzene, (1-methylpropyl)-	135-98-8	NIST02.1	14338	78	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

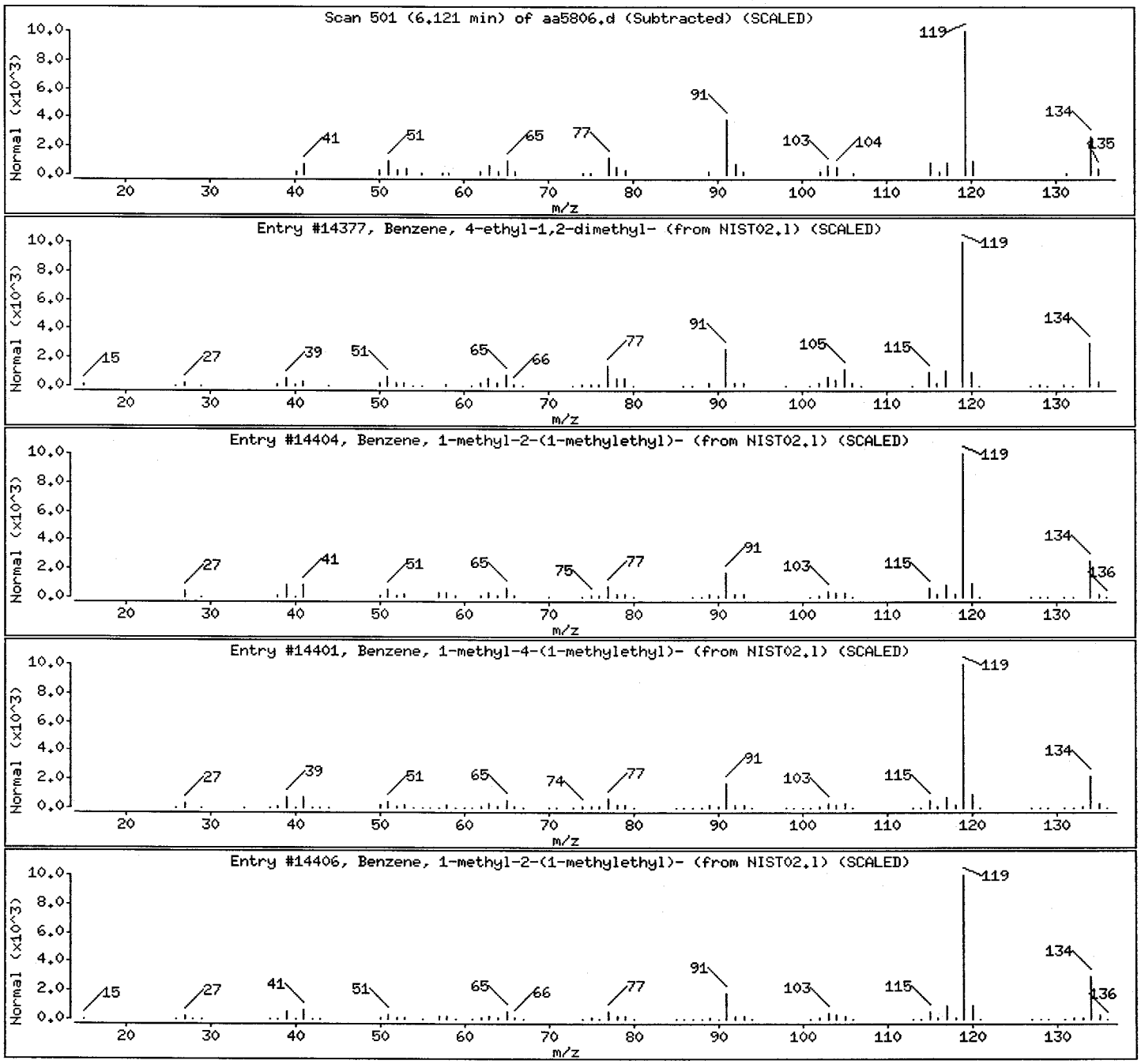
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	91	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14404	91	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.l	14401	91	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	91	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

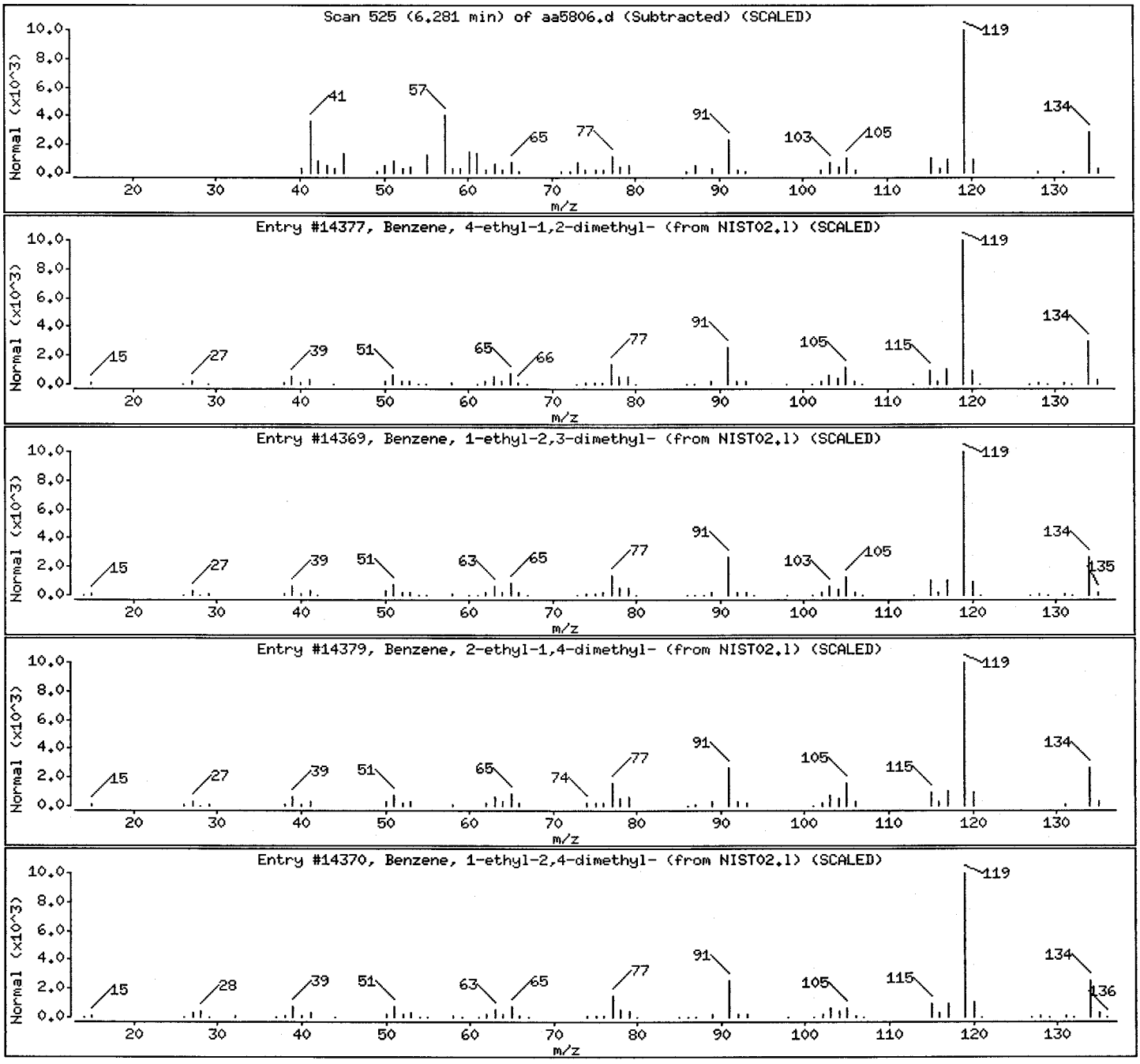
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	95	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14379	95	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	93	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

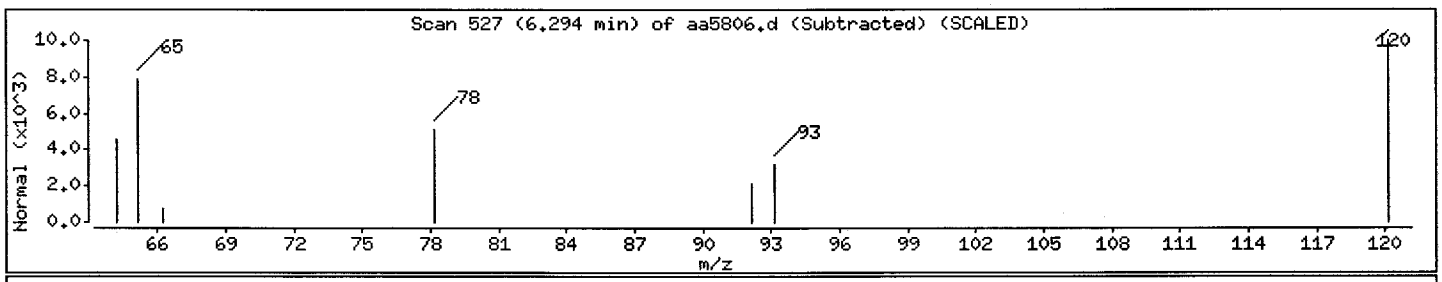
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

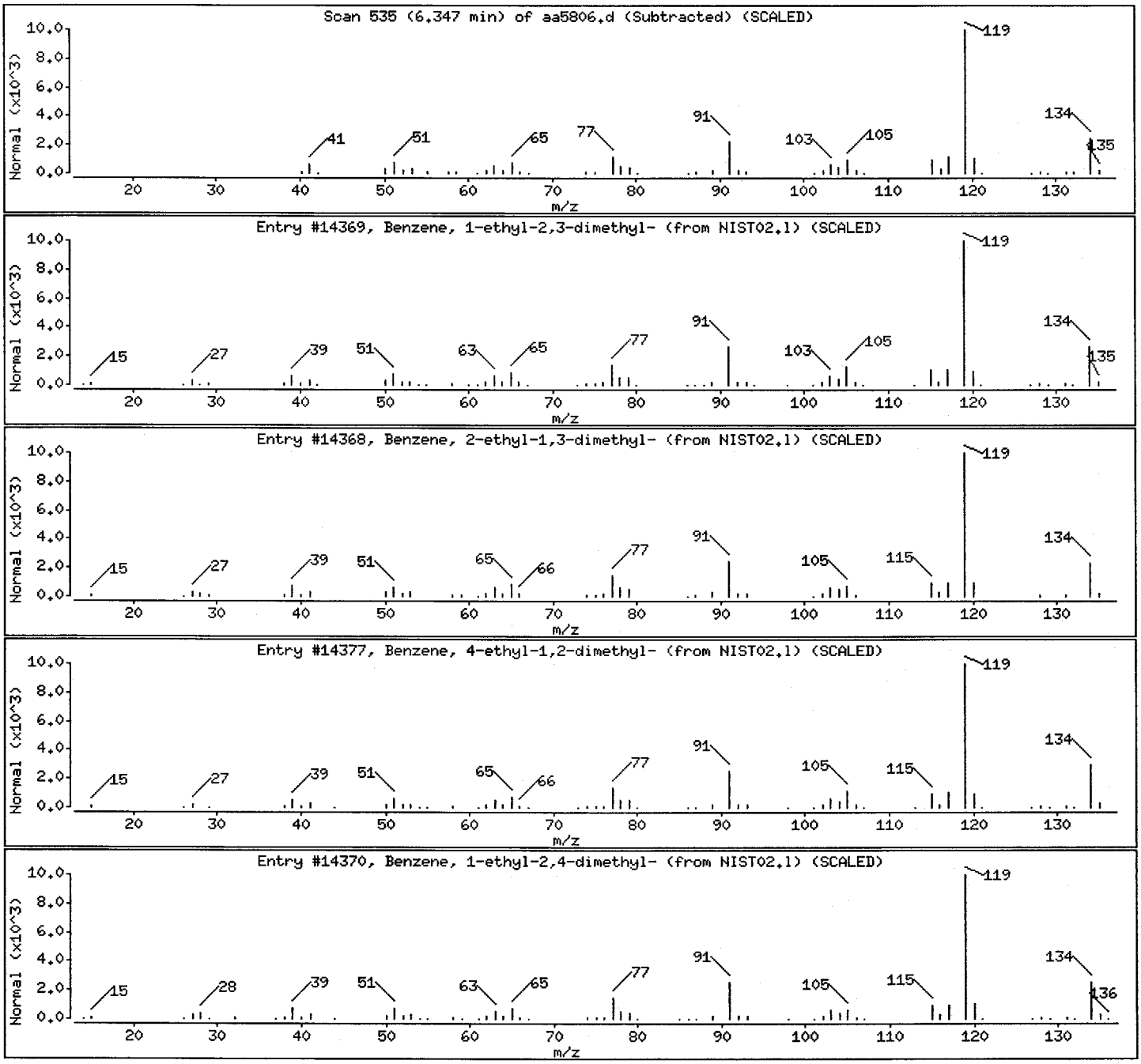
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	96	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14368	96	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	96	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

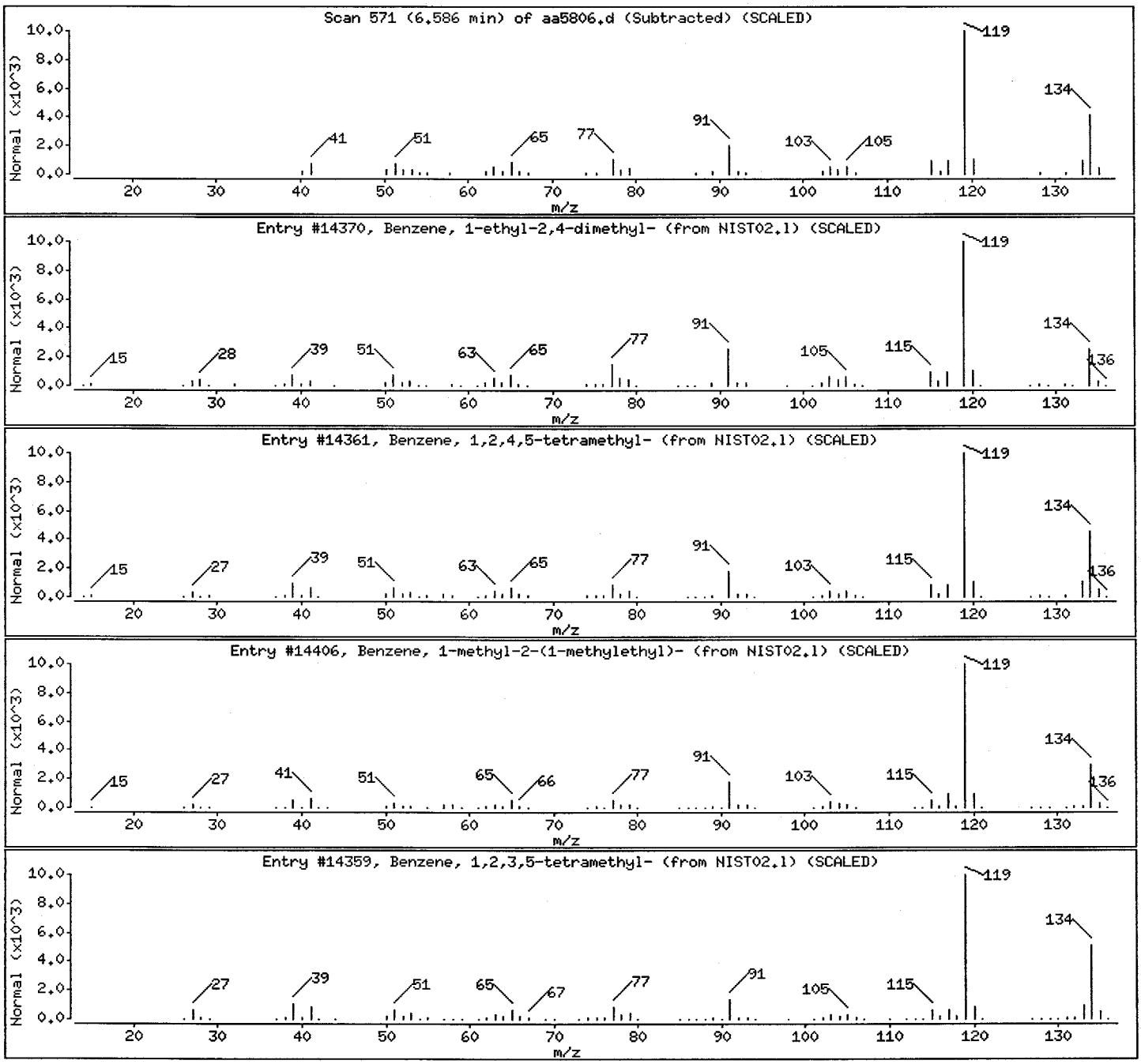
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	96	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	95	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14359	94	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

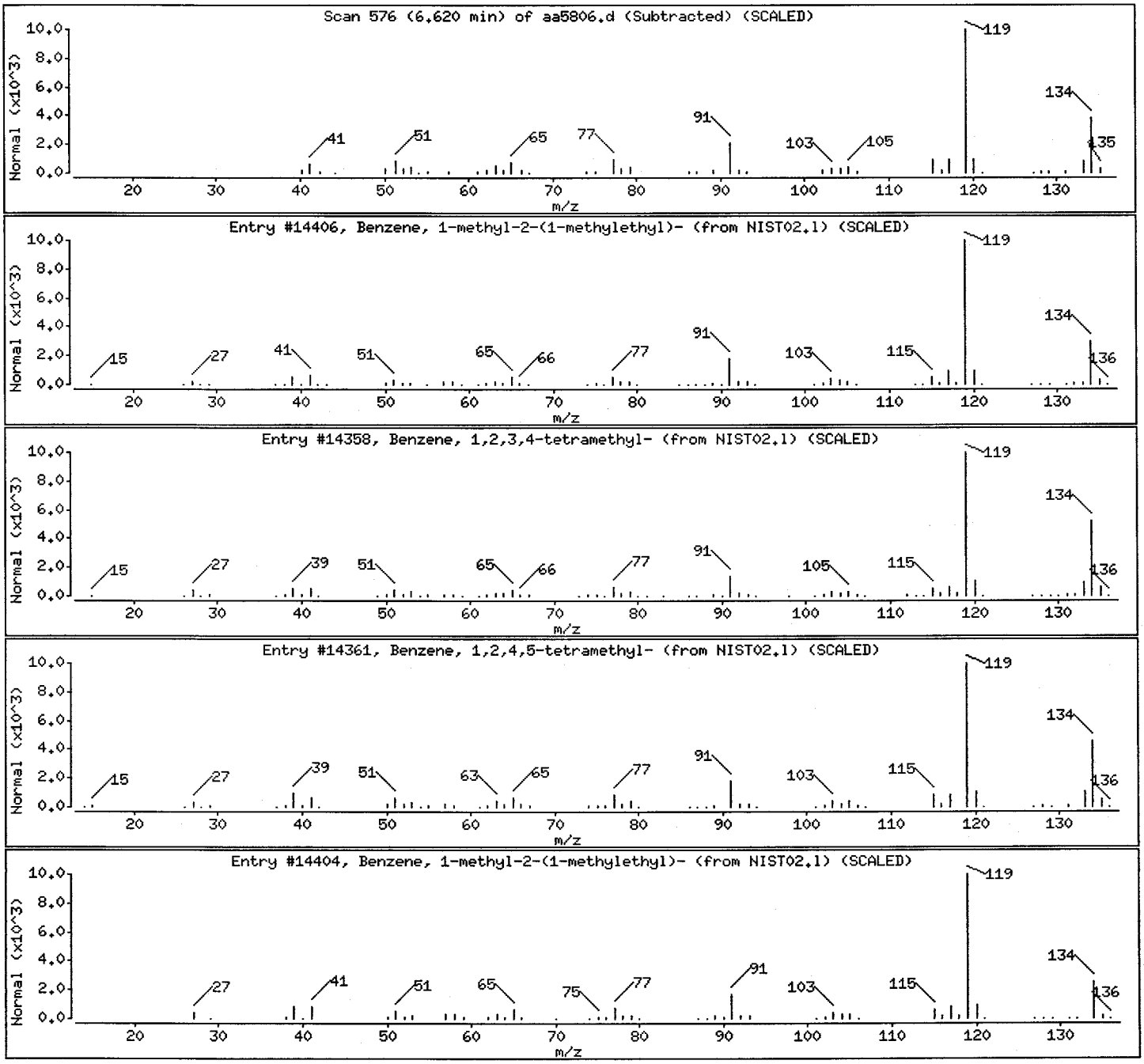
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	95	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	95	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	94	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14404	94	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

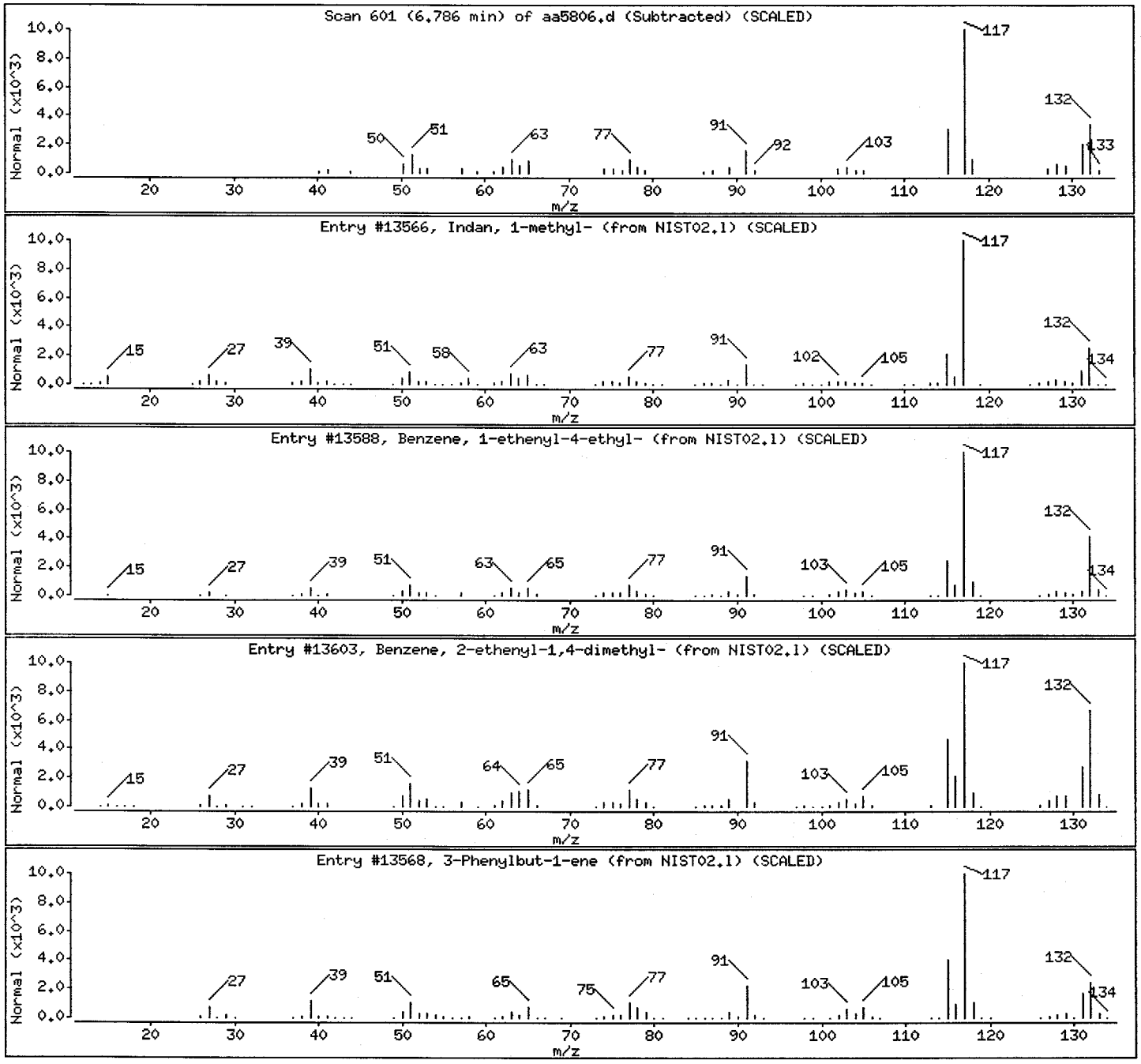
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Indan, 1-methyl-	767-58-8	NIST02.l	13566	87	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	87	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	86	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	83	C10H12	132



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5806.d

Date : 10-AUG-2008 22:18

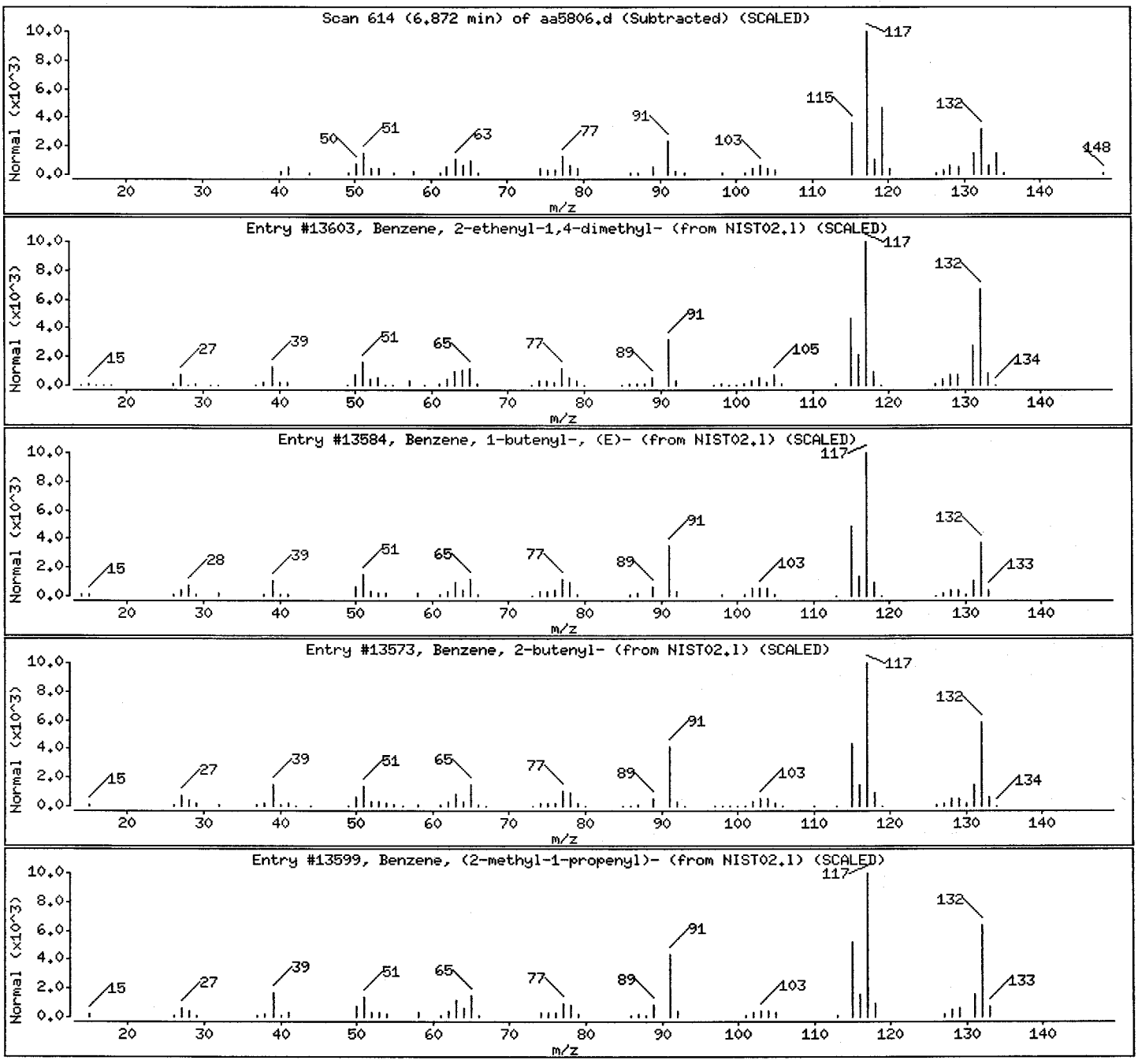
Client ID: 080408-04 Instrument: BNAMS8.i

Sample Info: 940031;4444882

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	94	C10H12	132
Benzene, 1-butenyl-, (E)-	1005-64-7	NIST02.l	13584	93	C10H12	132
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13573	86	C10H12	132
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.l	13599	86	C10H12	132



Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5807.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5807.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-05**
Site: GM Wilmington-17338

Lab Sample No: **940032**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5807.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Benzene, (1-methylethyl)-	5.01	8.4	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	8.4

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d
Report Date: 11-Aug-2008 14:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d
Lab Smp Id: 940032 Client Smp ID: 080408-05
Inj Date : 10-AUG-2008 22:42
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940032;4444908
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

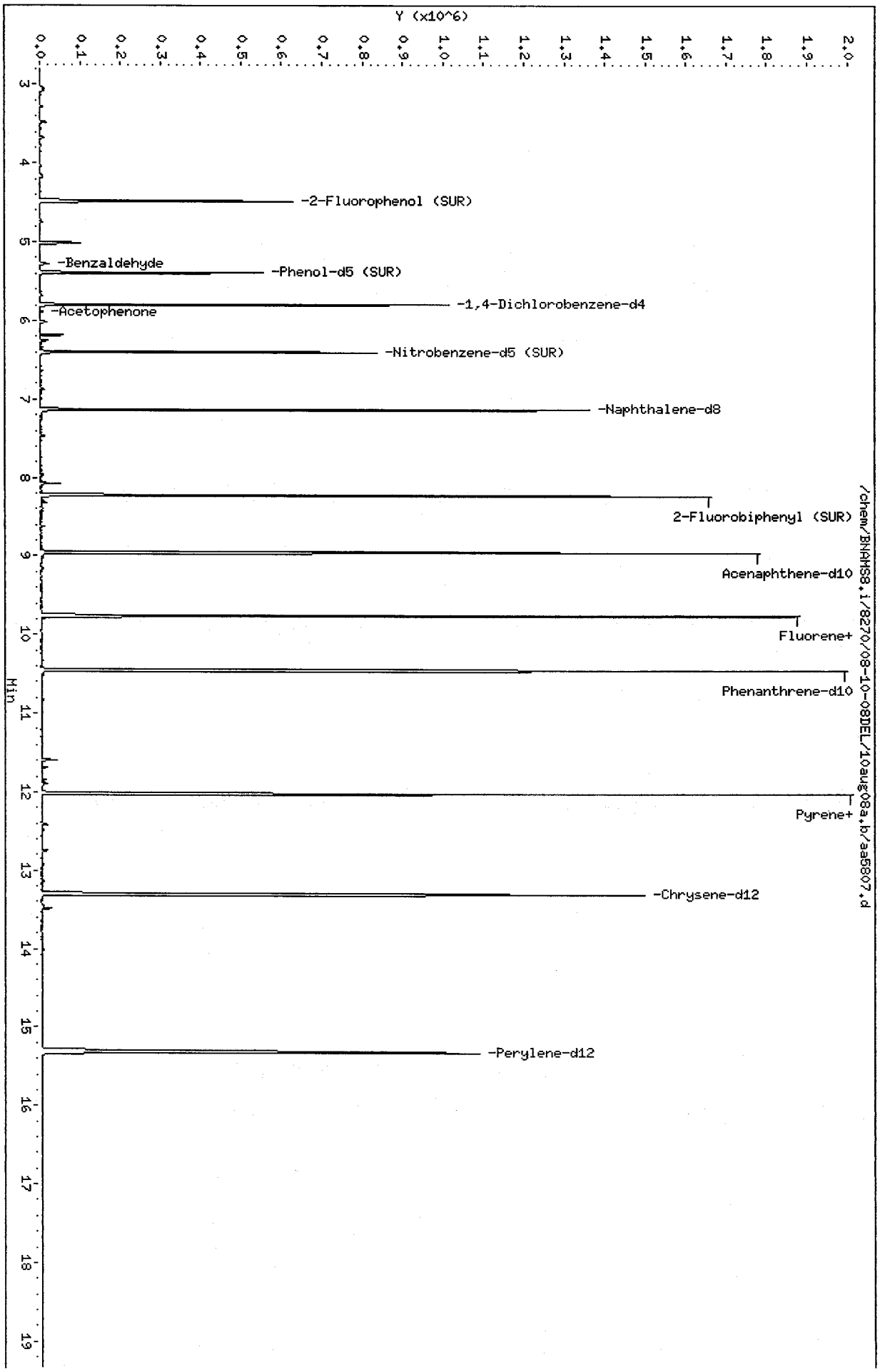
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.480	4.483	(0.773)	163399	40.1374	81
110 Benzaldehyde	77	5.279	5.361	(0.911)	775	0.23378	0.47(a)
$ 17 Phenol-d5 (SUR)	99	5.391	5.401	(0.930)	141802	24.8502	50
* 79 1,4-Dichlorobenzene-d4	152	5.796	5.799	(1.000)	131948	40.0000	
104 Acetophenone	105	5.883	6.231	(1.015)	956	0.13785	0.28(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.401	6.404	(0.897)	236102	35.6555	72
* 80 Naphthalene-d8	136	7.132	7.135	(1.000)	568840	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.229	8.232	(0.919)	426359	38.3771	78
* 82 Acenaphthene-d10	164	8.953	8.956	(1.000)	405735	40.0000	
47 Fluorene	166	9.757	9.501	(1.090)	8823	0.73318	1.5(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.764	9.767	(1.091)	213515	87.1367	180
50 4-Bromophenyl-phenylether	248	9.764	9.953	(0.934)	14166	3.36063	6.8(a)
* 83 Phenanthrene-d10	188	10.455	10.459	(1.000)	687809	40.0000	
57 Pyrene	202	12.017	11.934	(0.903)	2408	0.11518	0.23(a)
$ 78 Terphenyl-d14	244	12.017	12.020	(0.903)	652281	40.1786	81
* 81 Chrysene-d12	240	13.306	13.310	(1.000)	728922	40.0000	

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d
Report Date: 11-Aug-2008 14:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 84 Perylene-d12	264	15.320	15.324	(1.000)	612388	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d
Date : 10-AUG-2008 22:42
Client ID: 080408-05
Sample Info: 940032;4444908
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
Min
-2-Fluorophenol (SUR)
-Benzaldehyde
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Acetophenone
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
2-Fluorobiphenyl (SUR)
Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Pyrene+
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d

FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d

Date : 10-AUG-2008 22:42

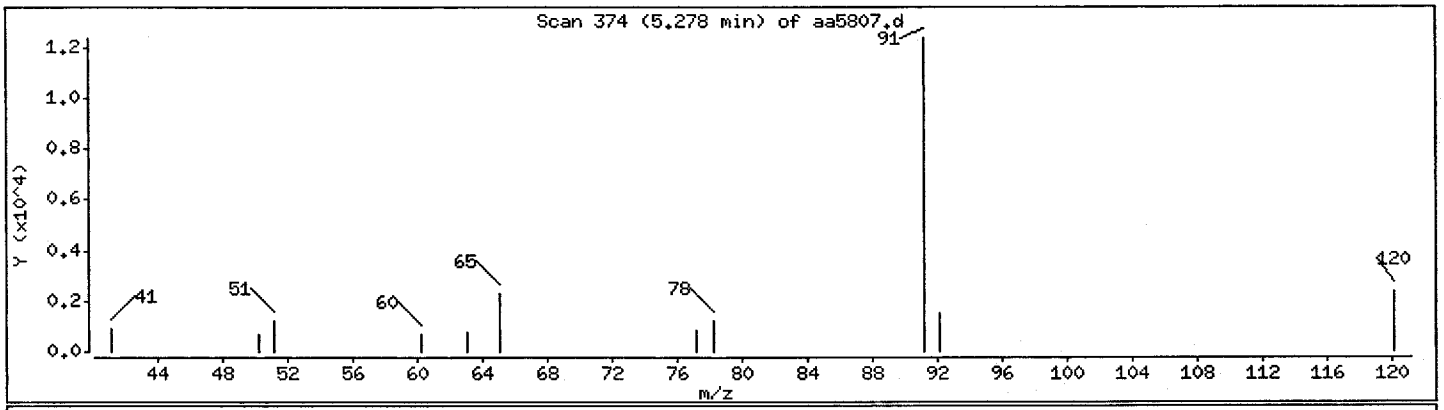
Client ID: 080408-05 Instrument: BNAMS8.i

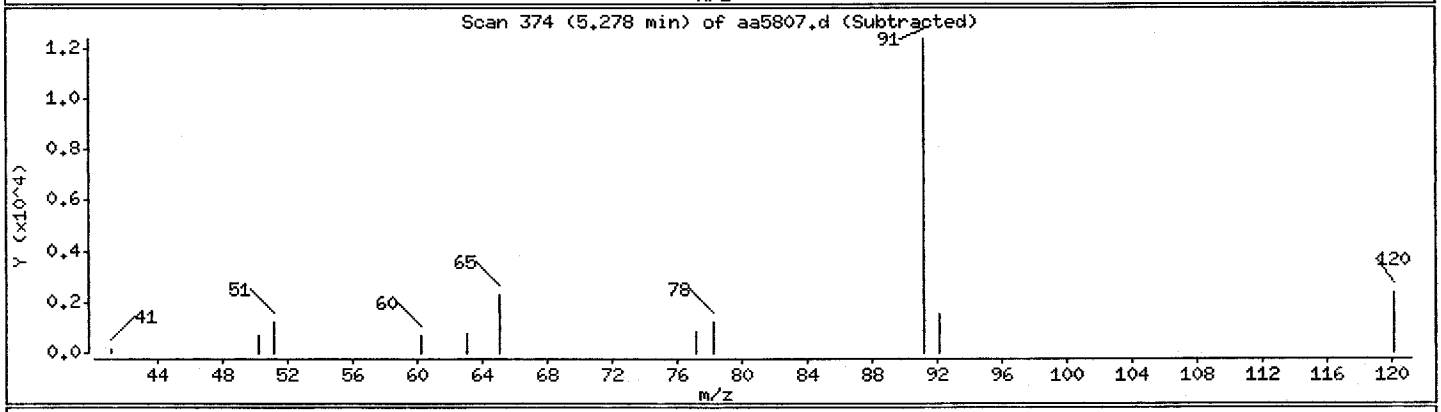
Sample Info: 940032;4444908

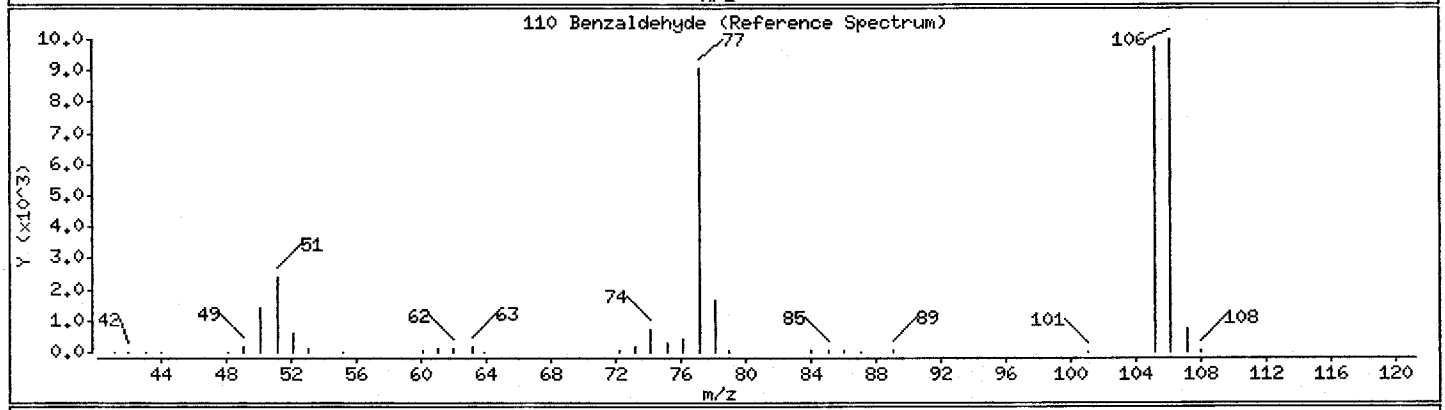
Volume Injected (uL): 1.0 Operator: BNAMS 4

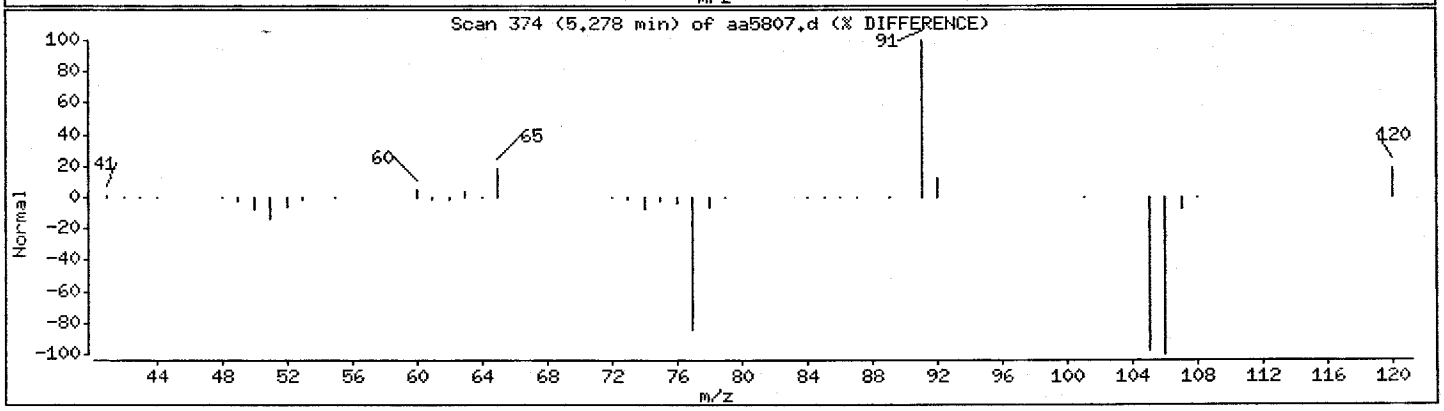
Column phase: DB-5 Column diameter: 0.25

110 Benzaldehyde Concentration: 0.47 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d

Date : 10-AUG-2008 22:42

Client ID: 080408-05 Instrument: BNAMS8.i

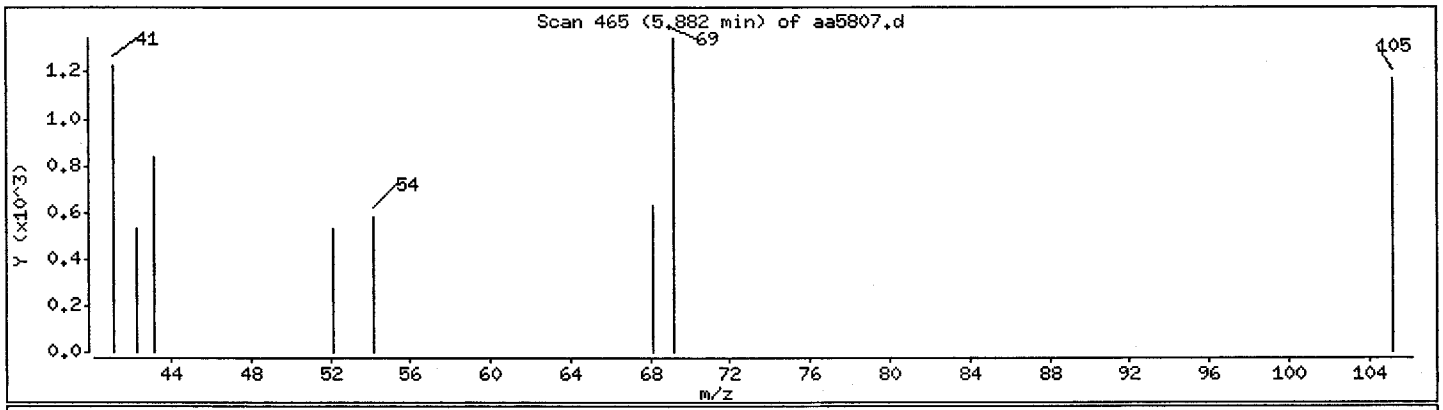
Sample Info: 940032;4444908

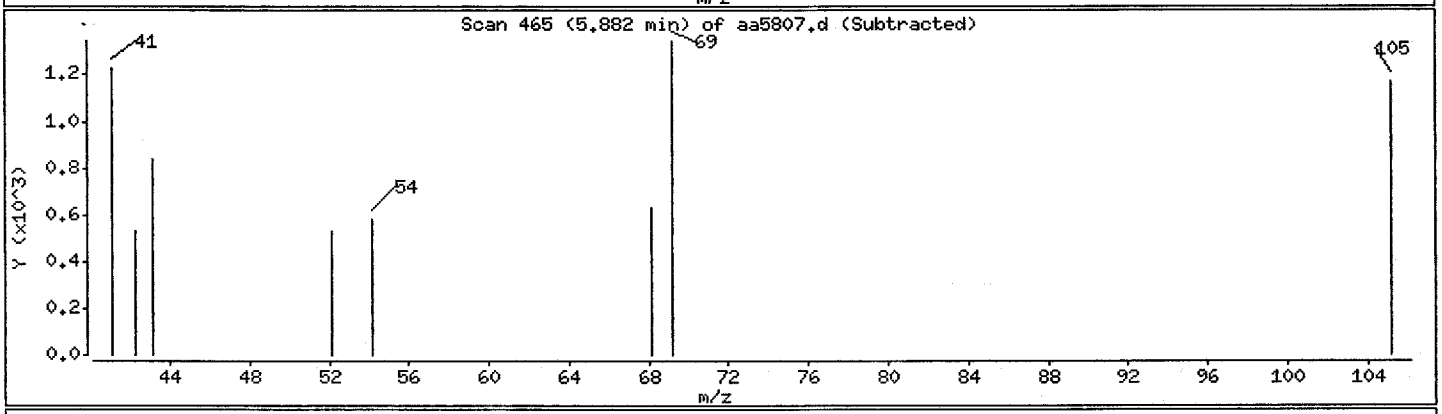
Volume Injected (uL): 1.0 Operator: BNAMS 4

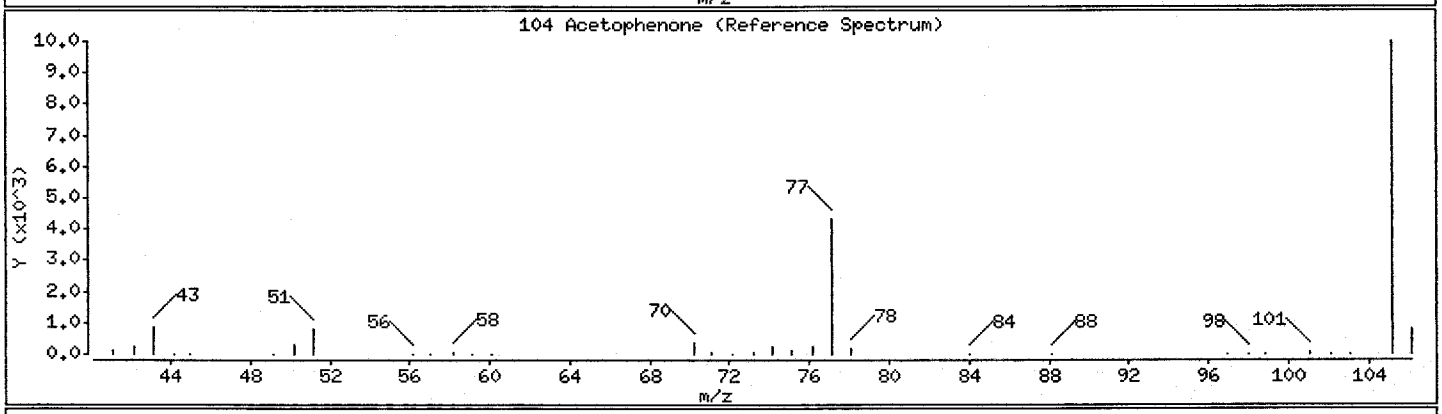
Column phase: DB-5 Column diameter: 0.25

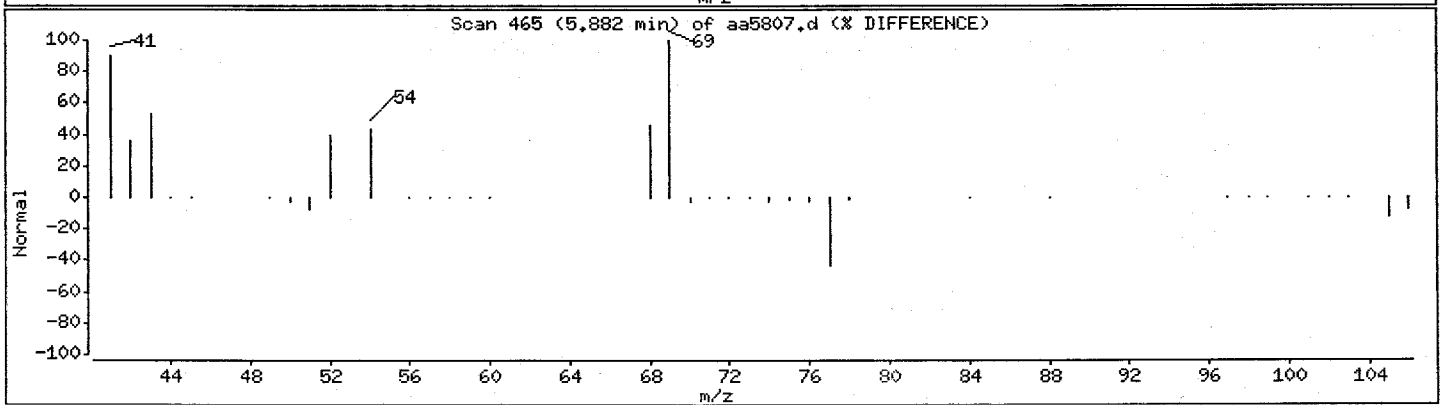
104 Acetophenone Concentration: 0.28 ug/L

FALSE POSITIVE Ink









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d

Date : 10-AUG-2008 22:42

Client ID: 080408-05 Instrument: BNAMS8.i

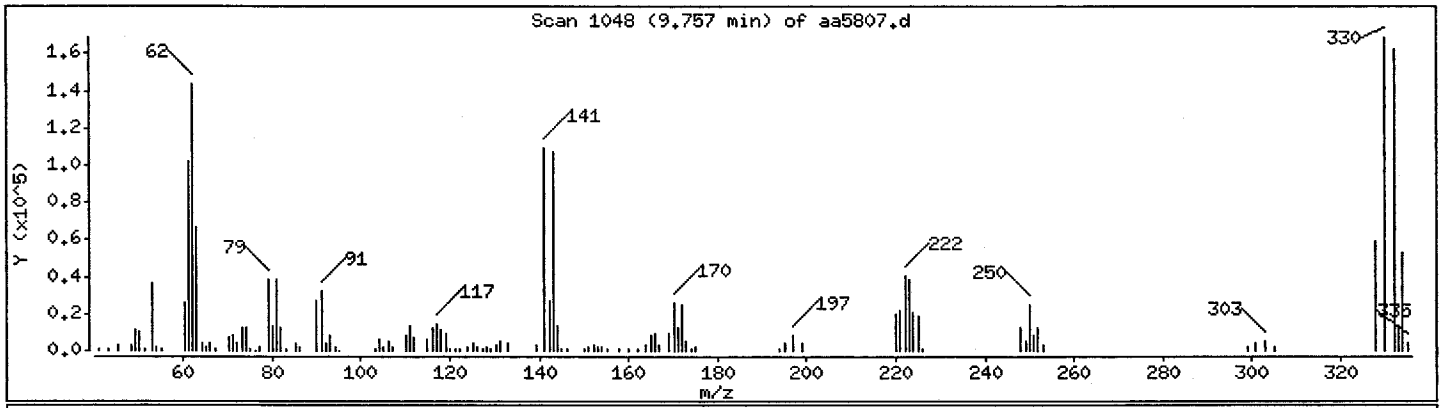
Sample Info: 940032;4444908

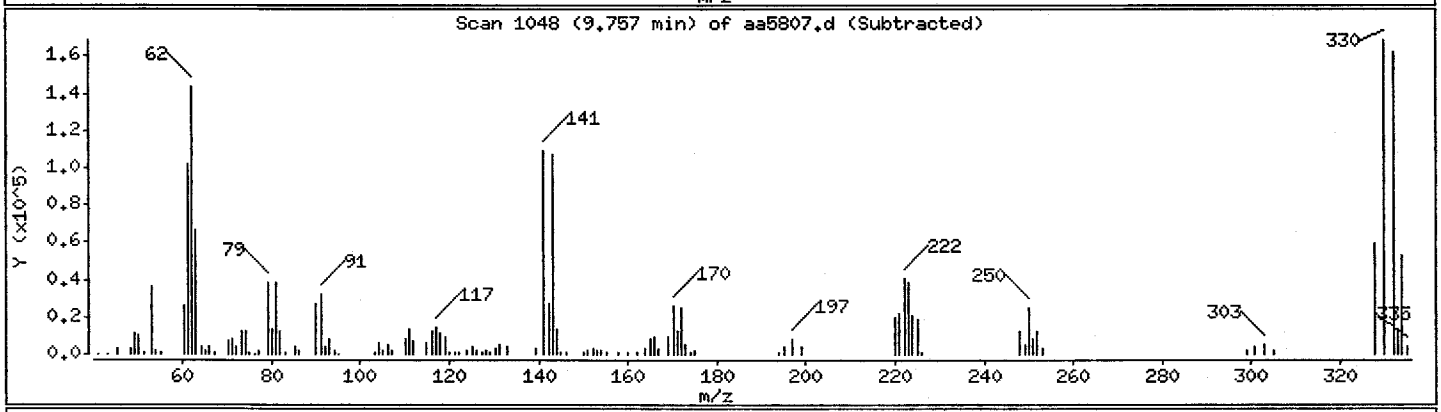
Volume Injected (uL): 1.0 Operator: BNAMS 4

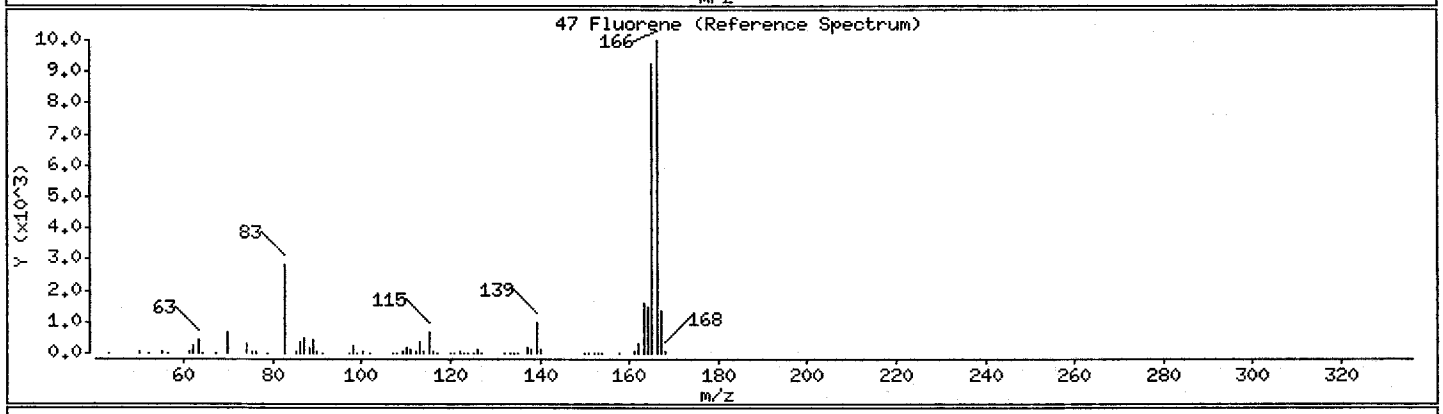
Column phase: DB-5 Column diameter: 0.25

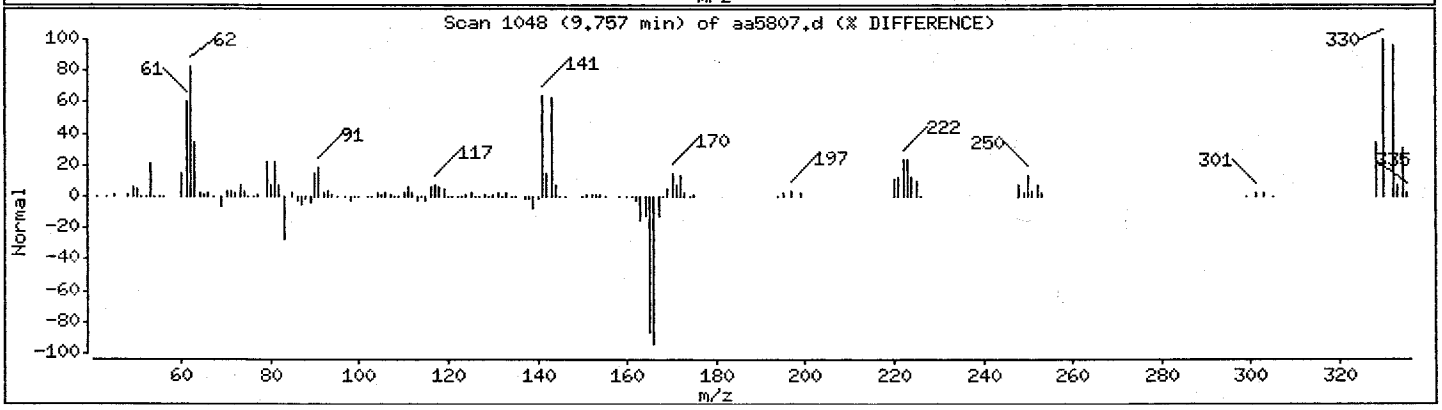
47 Fluorene Concentration: 1.5 ug/L

FALSE POSITIVE









FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d

Date : 10-AUG-2008 22:42

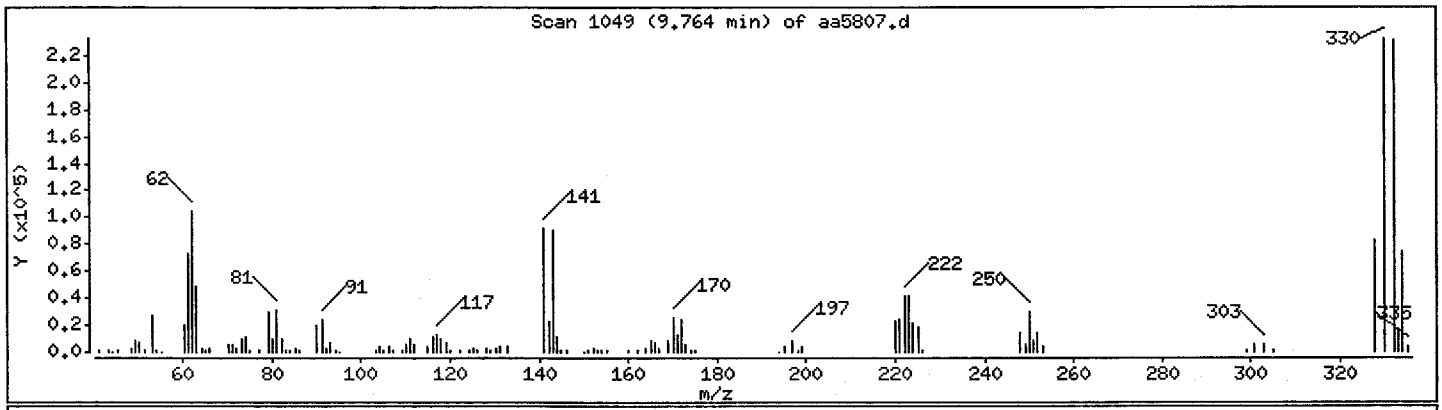
Client ID: 080408-05 Instrument: BNAMS8.i

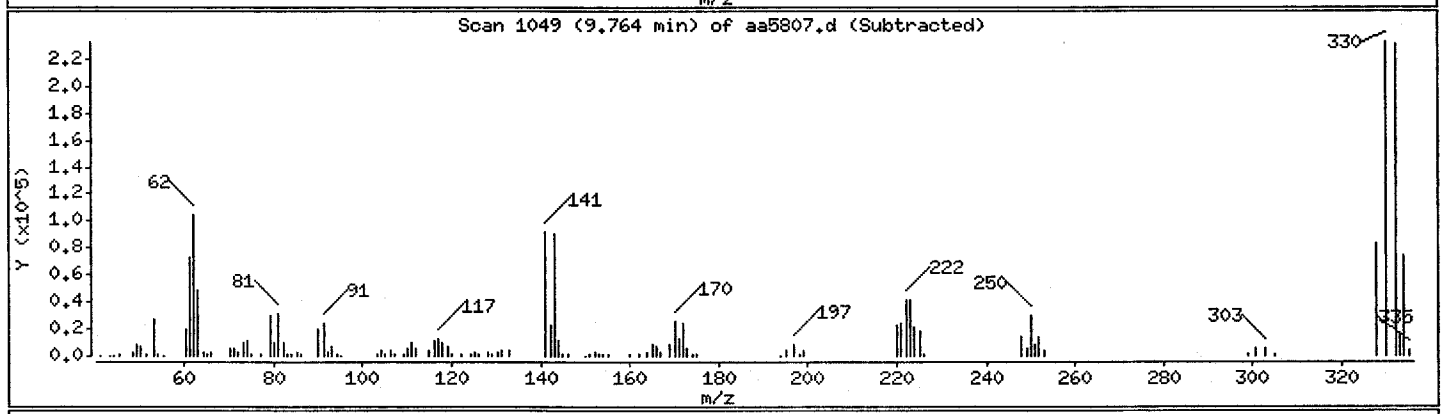
Sample Info: 940032;4444908

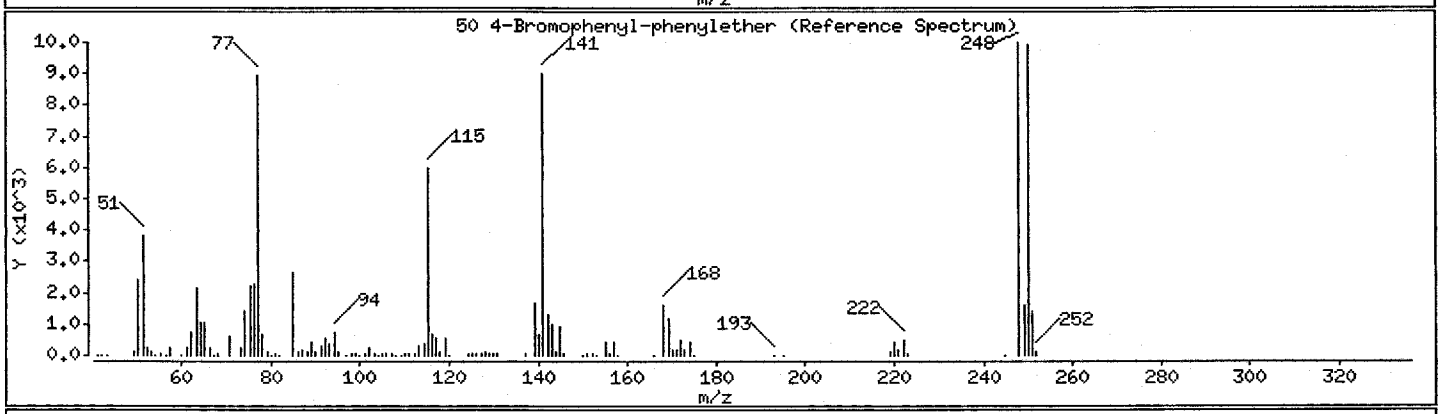
Volume Injected (uL): 1.0 Operator: BNAMS 4

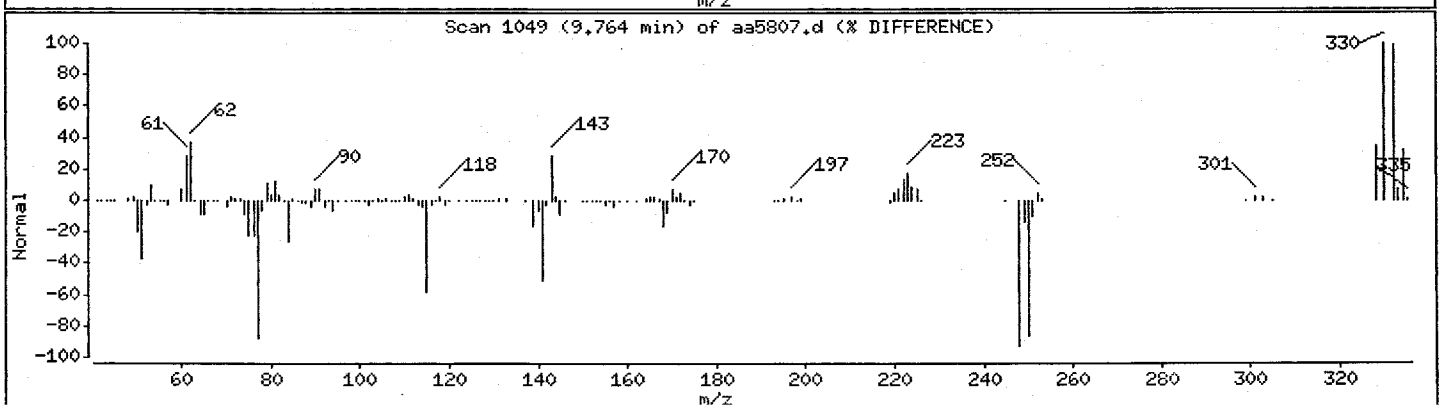
Column phase: DB-5 Column diameter: 0.25

50 4-Bromophenyl-phenylether Concentration: 6.8 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d

Date : 10-AUG-2008 22:42

Client ID: 080408-05 Instrument: BNAMS8.i

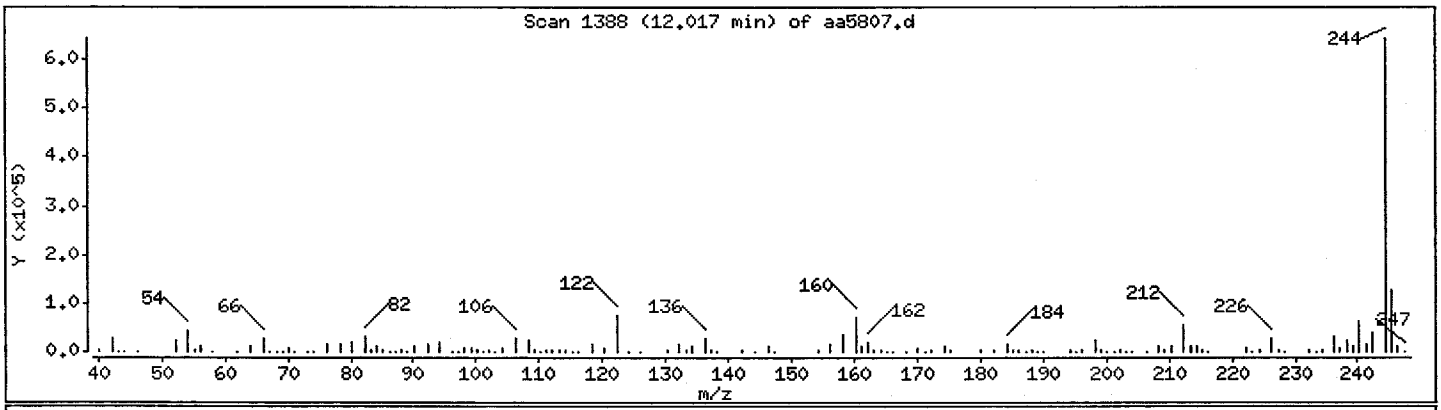
Sample Info: 940032;4444908

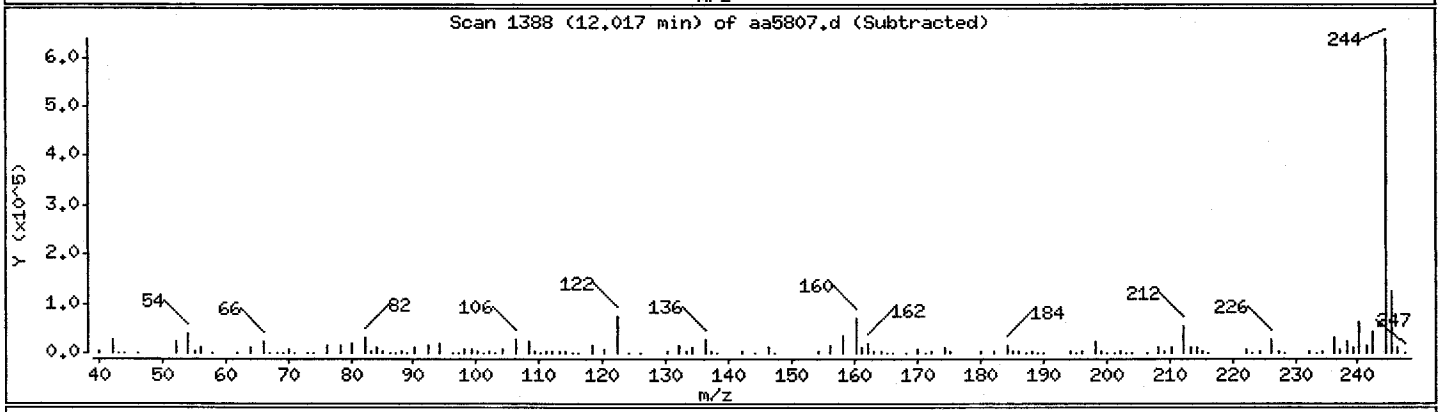
Volume Injected (uL): 1.0 Operator: BNAMS 4

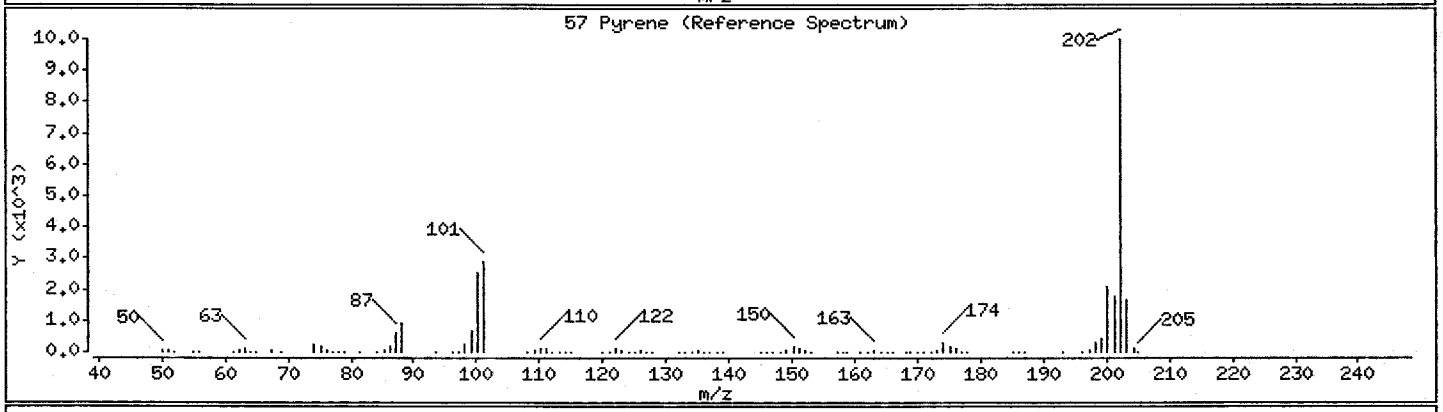
Column phase: DB-5 Column diameter: 0.25

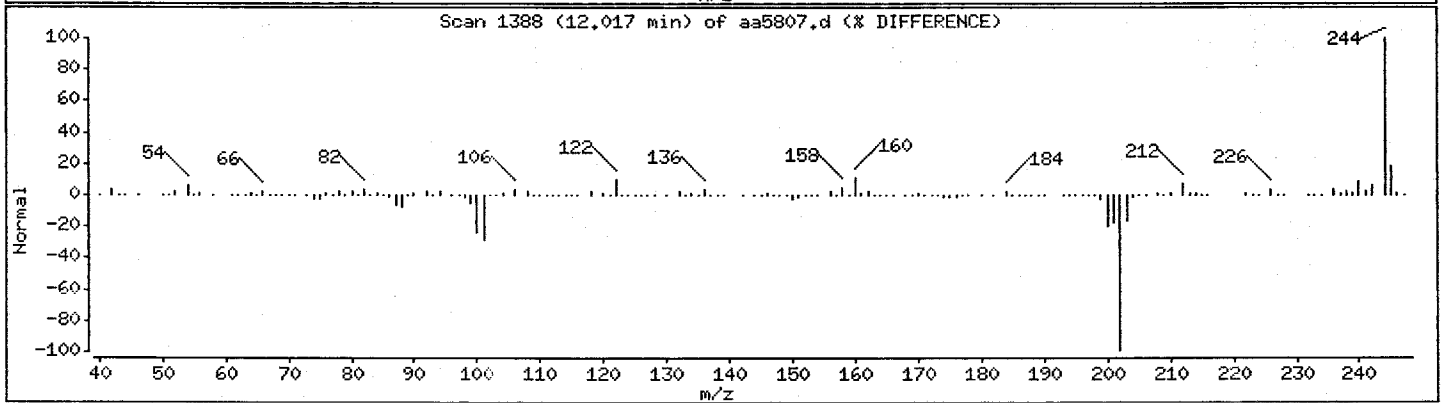
57 Pyrene Concentration: 0.23 ug/L

FALSE POSITIVE Init.









FALSE POSITIVE
Init. CC

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5807.d

Date : 10-AUG-2008 22:42

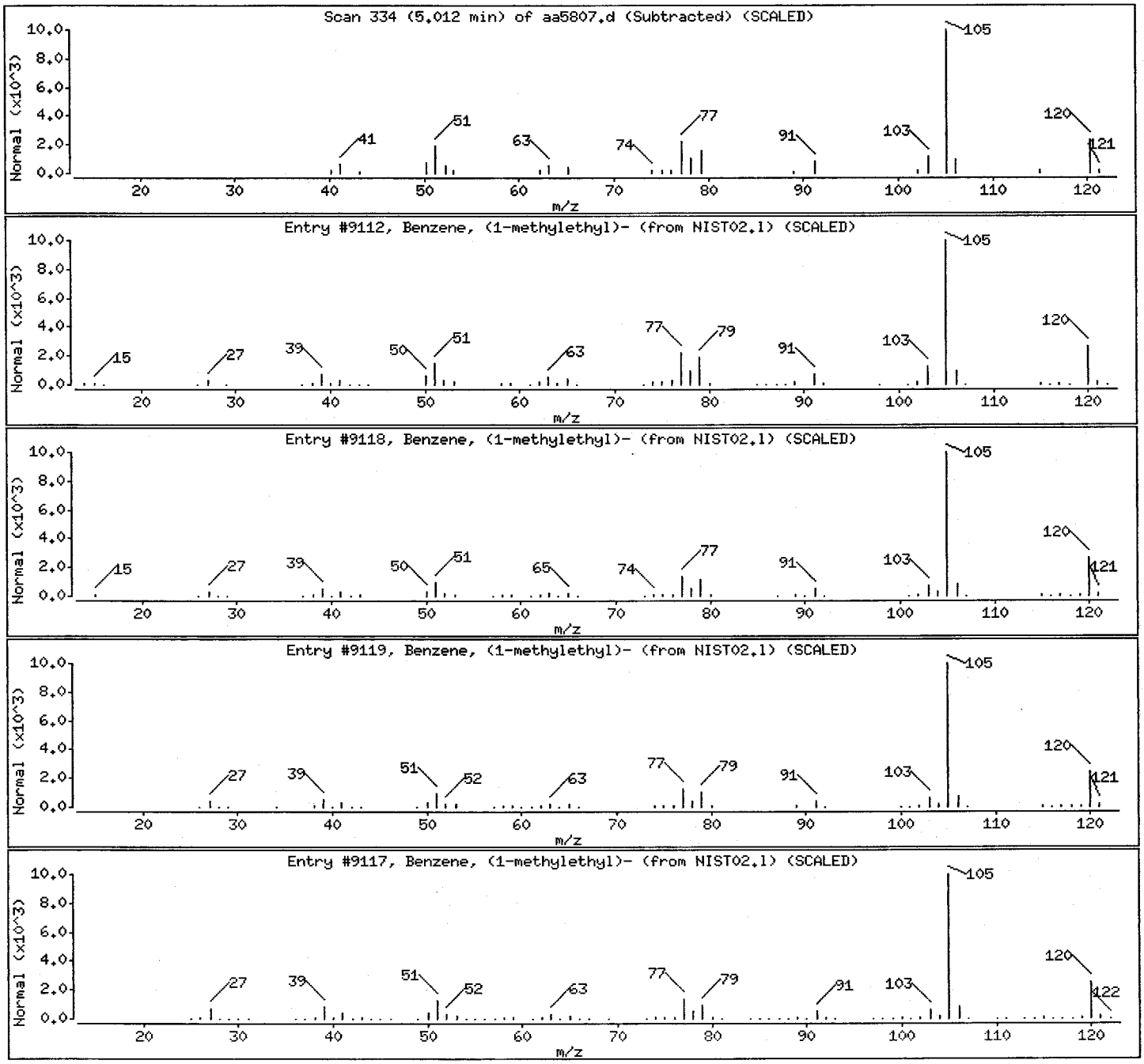
Client ID: 080408-05 Instrument: BNAMS8.i

Sample Info: 940032;4444908

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9112	93	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	91	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	91	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9117	91	C9H12	120



Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5808.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	2.5J	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	52	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	1.4J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5808.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	1.6J	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080408-06**
Site: GM Wilmington-17338

Lab Sample No: **940033**
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5808.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Ethylbenzene	4.42	28	
2. Xylene isomer	4.50	460	
3. Ethylmethylbenzene isomer	5.01	46	
4. Benzene, propyl-	5.28	26	
5. Unknown	5.90	100	
6. Ethyldimethylbenzene isomer	6.35	200	
7. Unknown	6.43	99	
8. Tetramethylbenzene isomer	6.59	13	
9. Ethyldimethylbenzene isomer	6.62	15	
10. Ethyldimethylbenzene isomer	6.87	27	
11. Unknown	7.26	18	
12. Unknown	8.16	280	
13. Dimethyl benzoic acid isomer	8.35	12	
14. Trimethyl benzoic acid isomer	8.44	38	
15. Unknown	8.50	20	
16. Trimethyl benzoic acid isomer	8.57	50	
17. Unknown	8.68	14	
18. Trimethyl benzoic acid isomer	8.80	85	
19. Unknown	8.99	12	
20. Unknown	9.07	13	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	1556

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d
Report Date: 11-Aug-2008 14:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d
Lab Smp Id: 940033 Client Smp ID: 080408-06
Inj Date : 10-AUG-2008 23:06
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940033;4444934
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

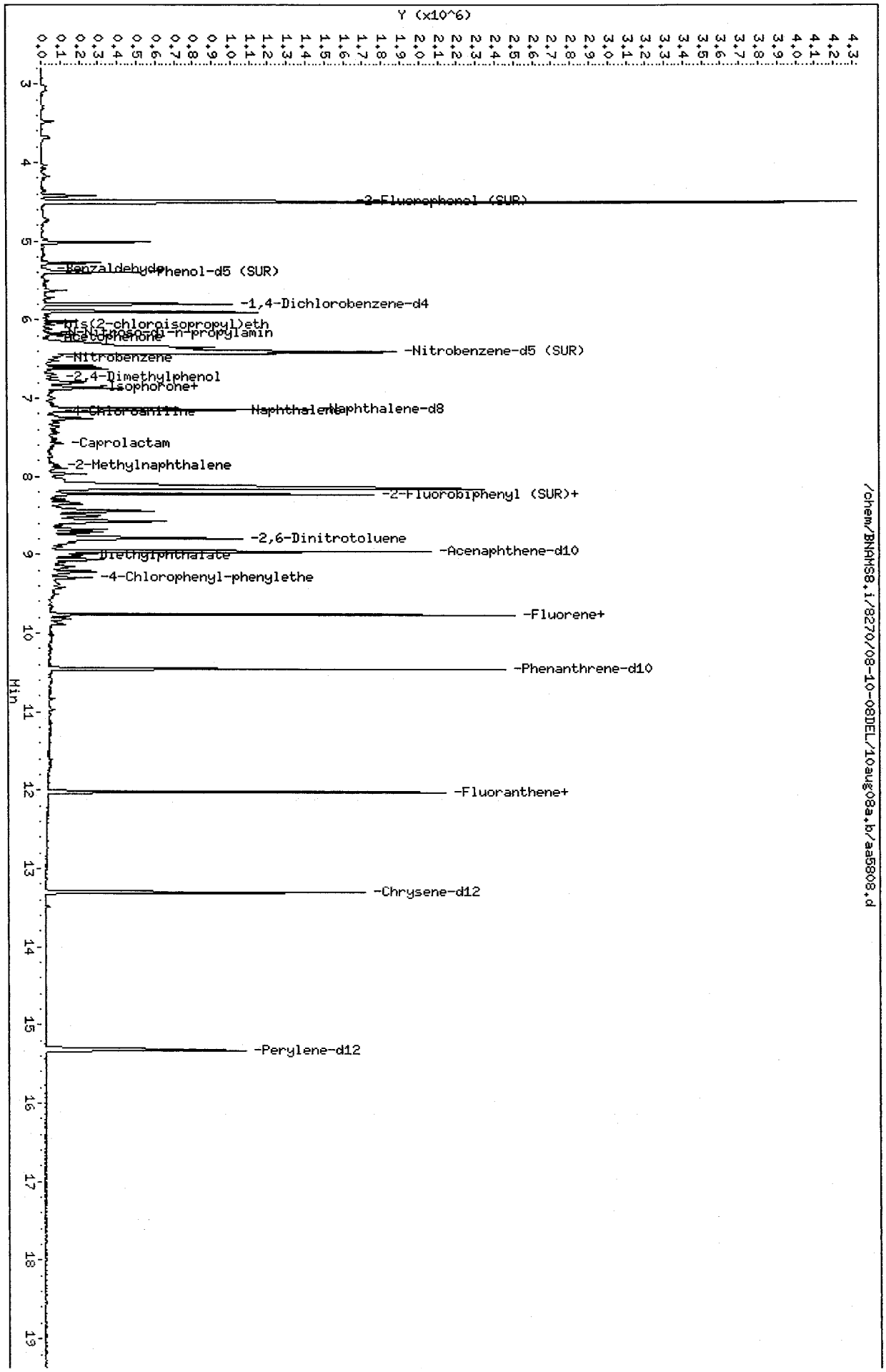
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.487	4.483	(0.774)	184652	45.5838	92
110 Benzaldehyde	77	5.357	5.361	(0.924)	1490	0.45155	0.91(a)
$ 17 Phenol-d5 (SUR)	99	5.390	5.401	(0.930)	145585	25.6402	52
* 79 1,4-Dichlorobenzene-d4	152	5.796	5.799	(1.000)	131294	40.0000	
24 bis(2-chloroisopropyl)ether	45	6.068	6.079	(1.047)	1553	0.16755	0.34(a)
104 Acetophenone	105	6.215	6.231	(1.072)	5645	0.81753	1.6(a)
25 N-Nitroso-di-n-propylamine	70	6.175	6.238	(1.065)	801	0.19721	0.40(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.401	6.404	(0.897)	248421	36.8428	74
27 Nitrobenzene	77	6.494	6.424	(0.910)	2866	0.33298	0.67(a)
28 Isophorone	82	6.859	6.650	(0.961)	3863	0.32532	0.66(a)
6 2,4-Dimethylphenol	122	6.740	6.743	(0.944)	5836	1.25058	2.5(a)
29 bis(2-Chloroethoxy)methane	93	6.859	6.843	(0.961)	3889	0.67518	1.4(a)
* 80 Naphthalene-d8	136	7.138	7.135	(1.000)	579232	40.0000	
31 Naphthalene	128	7.158	7.162	(1.003)	350528	25.4935	52
32 4-Chloroaniline	127	7.178	7.208	(1.006)	1142	0.19851	0.40(a)
111 Caprolactam	113	7.584	7.587	(1.062)	742	0.43814	0.88(a)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d
Report Date: 11-Aug-2008 14:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
34 2-Methylnaphthalene	142	7.850	7.860	(1.100)	6827	0.69335	1.4(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.228	8.232	(0.918)	427440	35.5772	72
37 2-Nitroaniline	65	8.222	8.491	(0.918)	4238	0.97219	2.0(a)
40 2,6-Dinitrotoluene	165	8.800	8.757	(0.982)	19351	6.08904	12
* 82 Acenaphthene-d10	164	8.959	8.956	(1.000)	438775	40.0000	
45 Diethylphthalate	149	9.019	9.355	(1.007)	35424	2.20330	4.4(a)
46 4-Chlorophenyl phenylether	204	9.298	9.455	(1.038)	2467	0.36782	0.74(a)
47 Fluorene	166	9.764	9.501	(1.090)	9671	0.74310	1.5(a)
13 4,6-Dinitro-2-methylphenol	198	9.757	9.581	(0.933)	349	0.10027	0.20(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.764	9.767	(1.090)	231794	87.4731	180
50 4-Bromophenyl phenylether	248	9.764	9.953	(0.934)	15215	3.33313	6.7(a)
* 83 Phenanthrene-d10	188	10.455	10.459	(1.000)	744785	40.0000	
56 Fluoranthene	202	12.017	11.695	(1.149)	2791	0.10635	0.21(a)
57 Pyrene	202	12.017	11.934	(0.903)	2791	0.12603	0.25(a)
$ 78 Terphenyl-d14	244	12.023	12.020	(0.904)	687776	40.0084	81
* 81 Chrysene-d12	240	13.306	13.310	(1.000)	771857	40.0000	
* 84 Perylene-d12	264	15.320	15.324	(1.000)	642046	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d
Date : 10-AUG-2008 23:06
Client ID: 080408-06
Sample Info: 940033;4444934
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Benzaldehyde
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-bis(2-chloroisopropyl)eth
-Acetophenone
-Nitrobenzene-d5 (SUR)
-Nitrobenzene
-2,4-Dimethylphenol
-Isophorone+
-Naphthalene-d8
-Caprolactam
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)+
-2,6-Dinitrotoluene
-Acenaphthene-d10
-Diethylphthalate
-4-Chlorophenyl-phenylethe
-Fluorene+
-Phenanthrene-d10
-Fluoranthene+
-Chrysene-d12
-Perylene-d12

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

Client ID: 080408-06 Instrument: BNAMS8.i

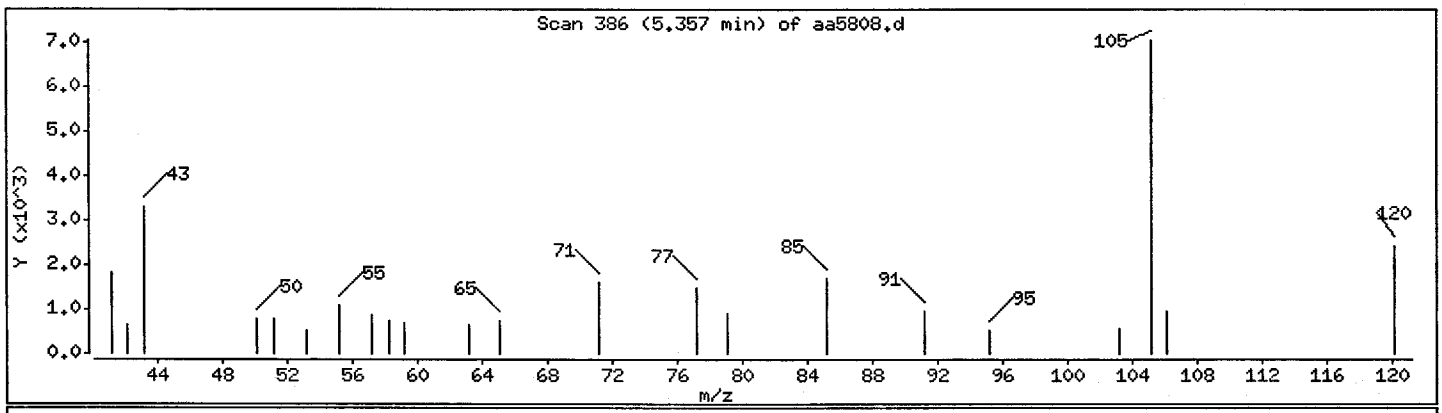
Sample Info: 940033;4444934

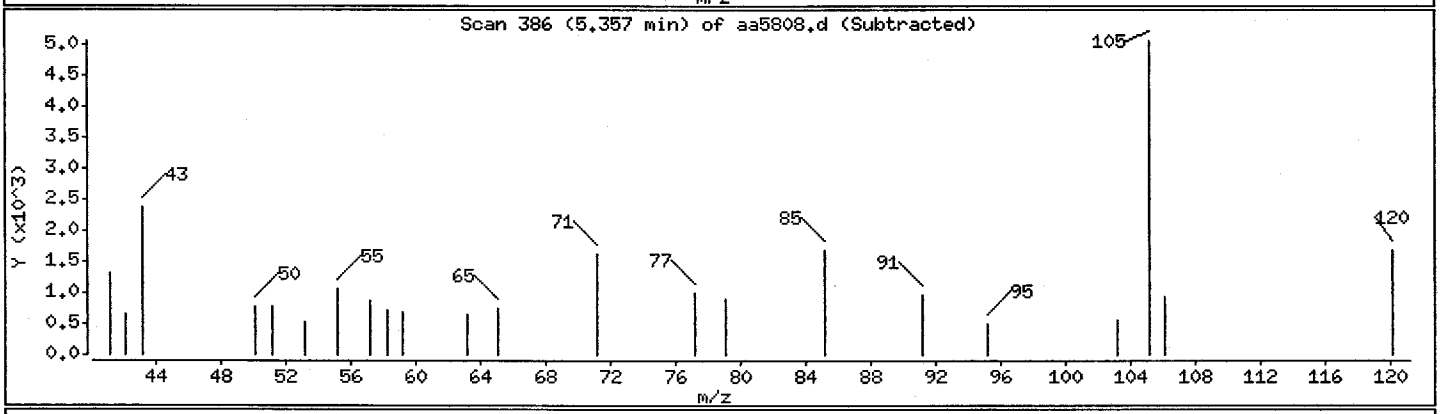
Volume Injected (uL): 1.0 Operator: BNAMS 4

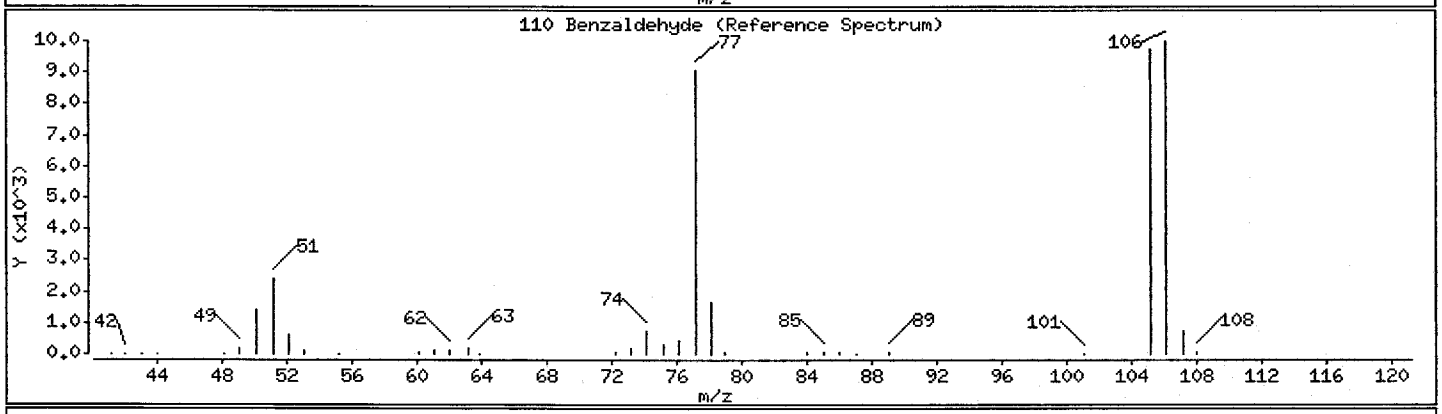
Column phase: DB-5 Column diameter: 0.25

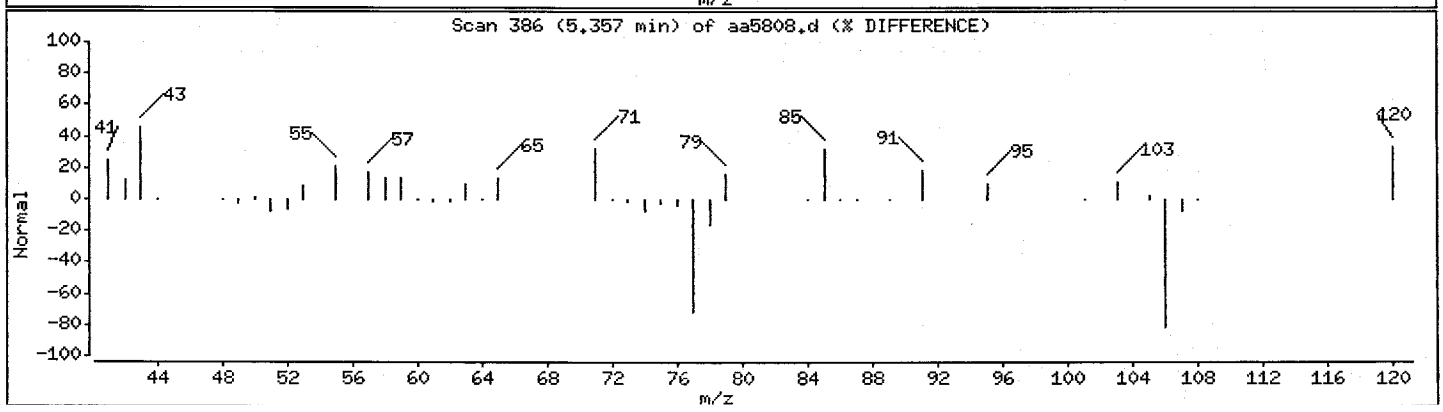
110 Benzaldehyde Concentration: 0.91 ug/L

FALSE POSITIVE
Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

Client ID: 080408-06 Instrument: BNAMS8.i

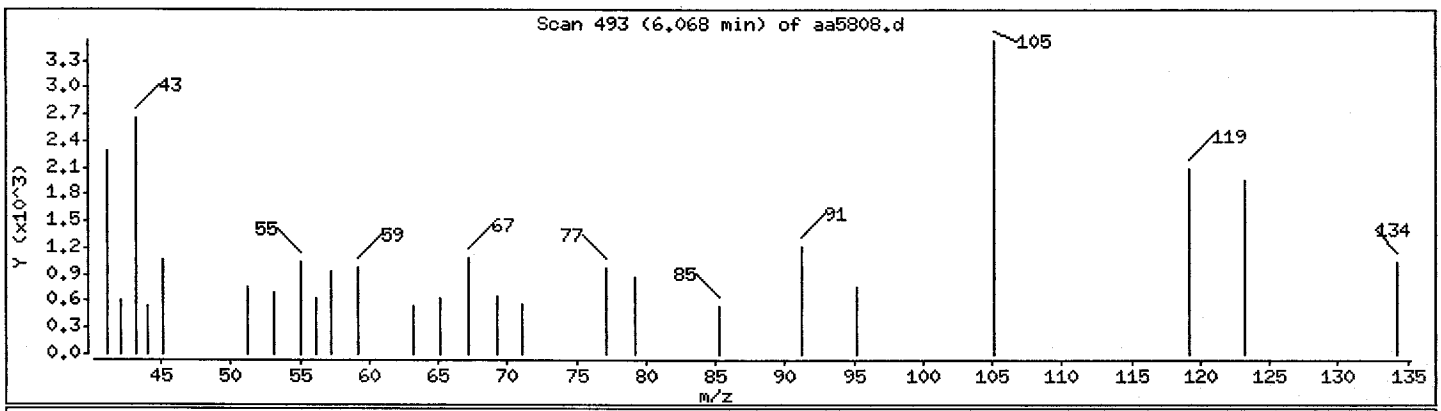
Sample Info: 940033;4444934

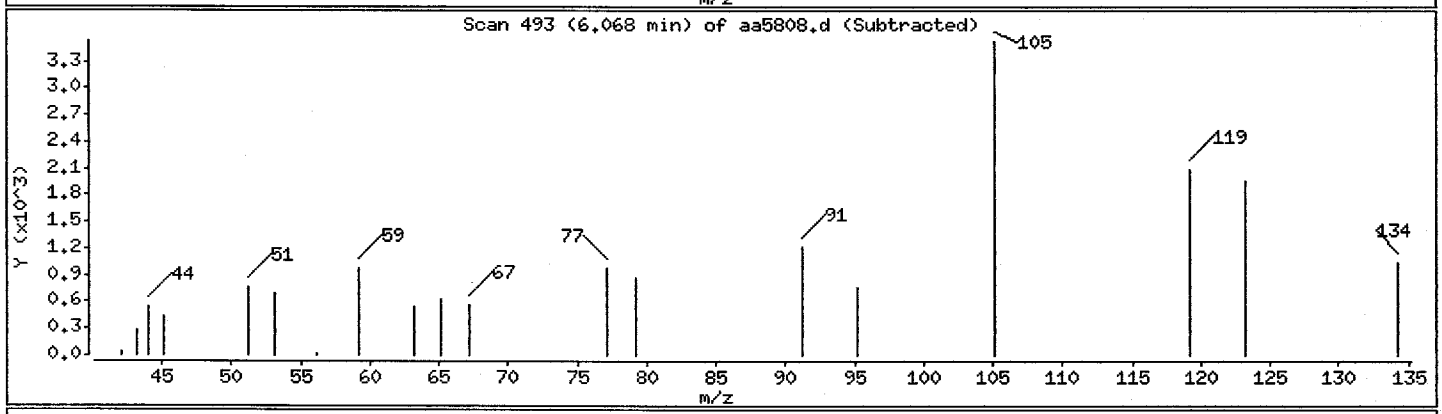
Volume Injected (uL): 1.0 Operator: BNAMS 4

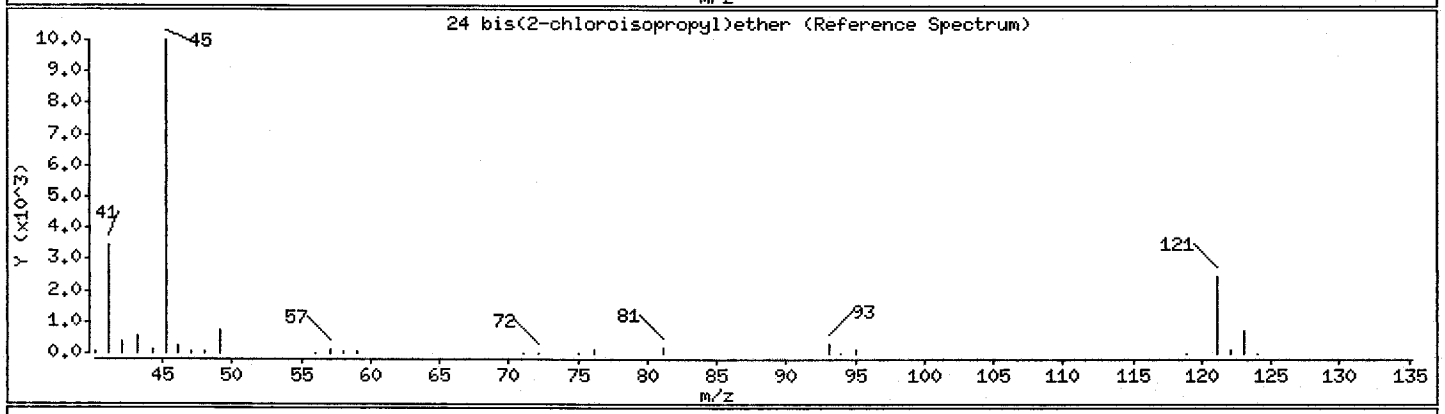
Column phase: DB-5 Column diameter: 0.25

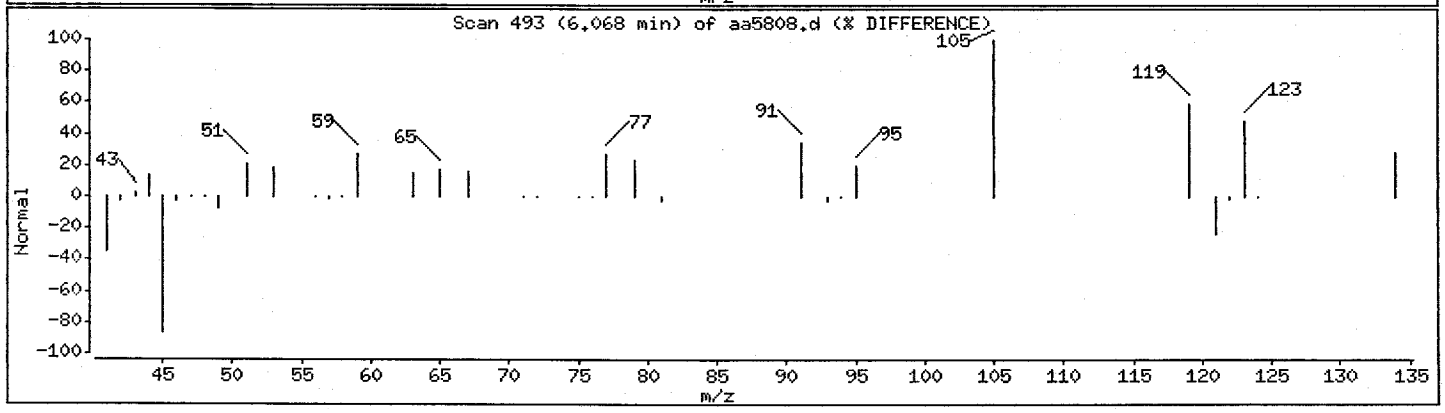
24 bis(2-chloroisopropyl)ether Concentration: 0.34 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

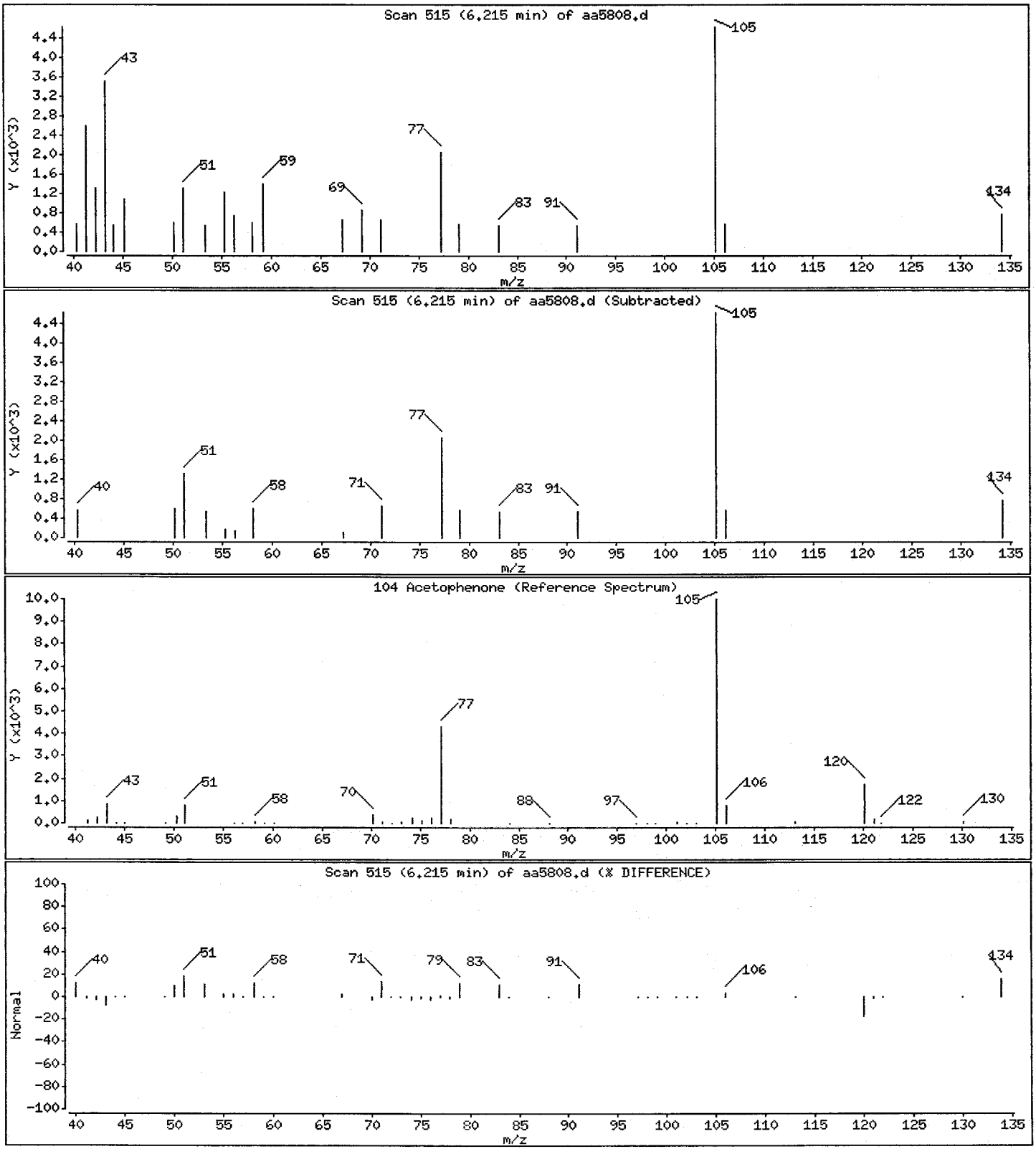
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

104 Acetophenone Concentration: 1.6 ug/L



FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

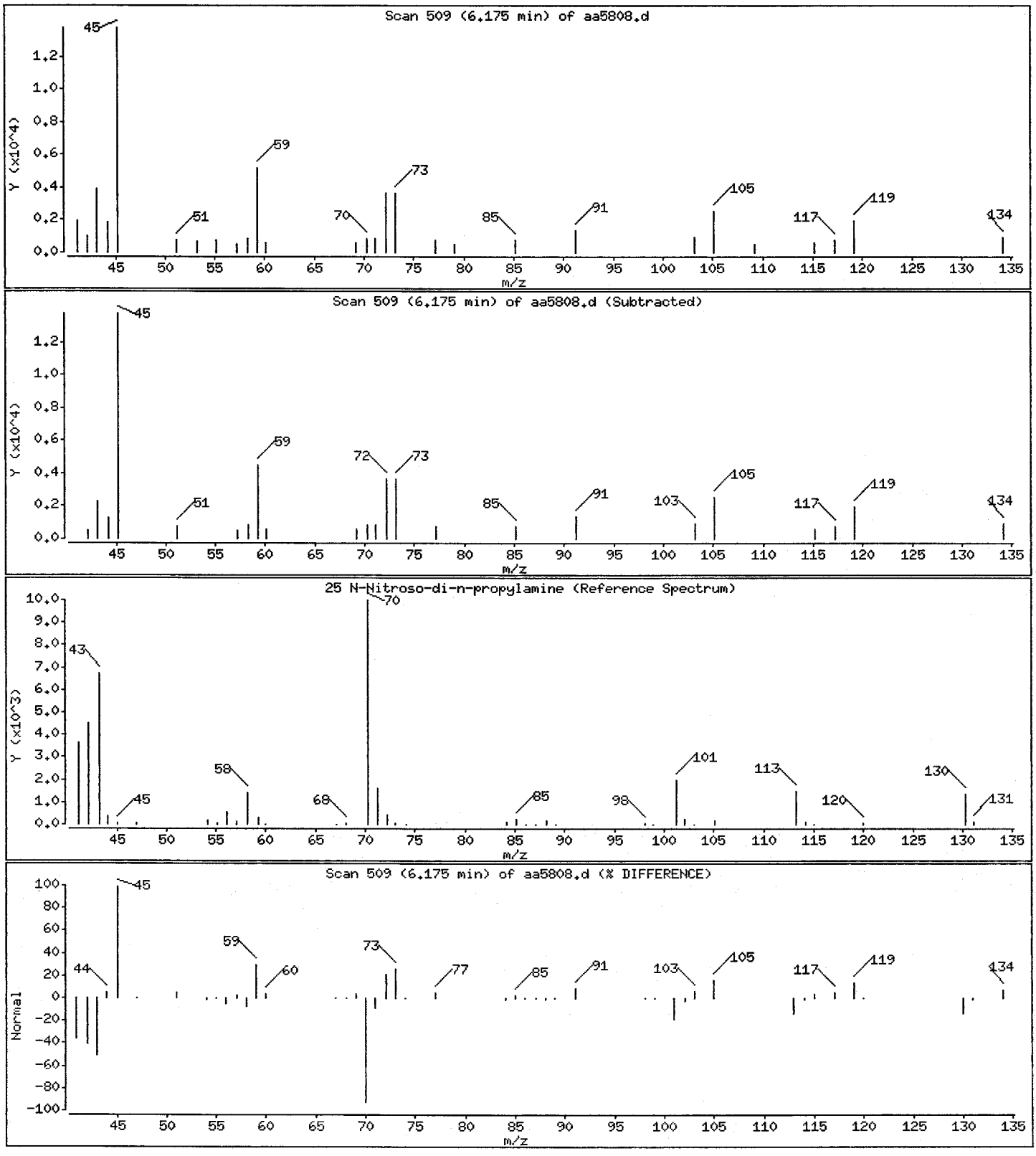
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033:4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

25 N-Nitroso-di-n-propylamine Concentration: 0.40 ug/L



FALSE POSITIVE
Init. RO

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

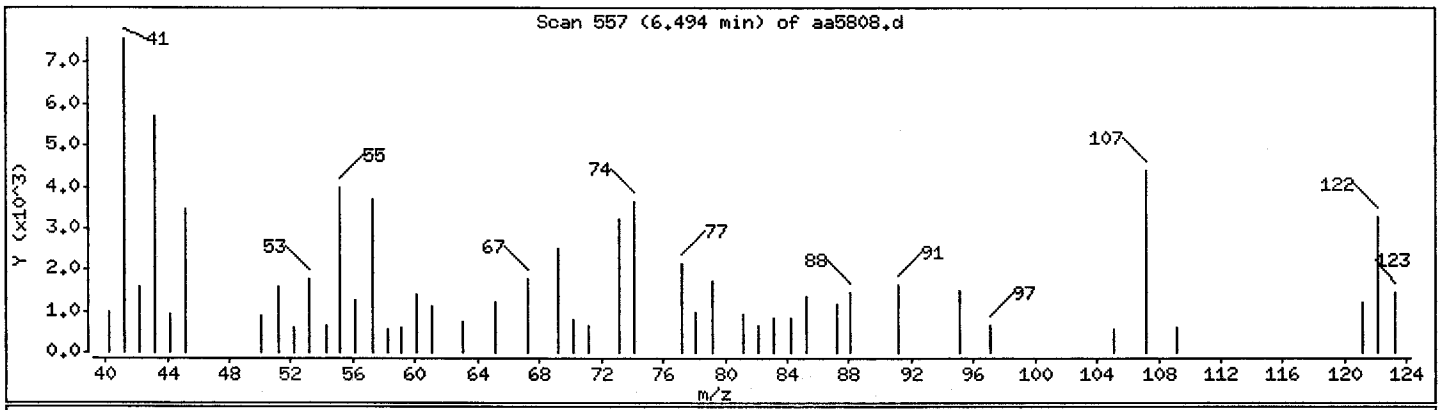
Client ID: 080408-06 Instrument: BNAMS8.i

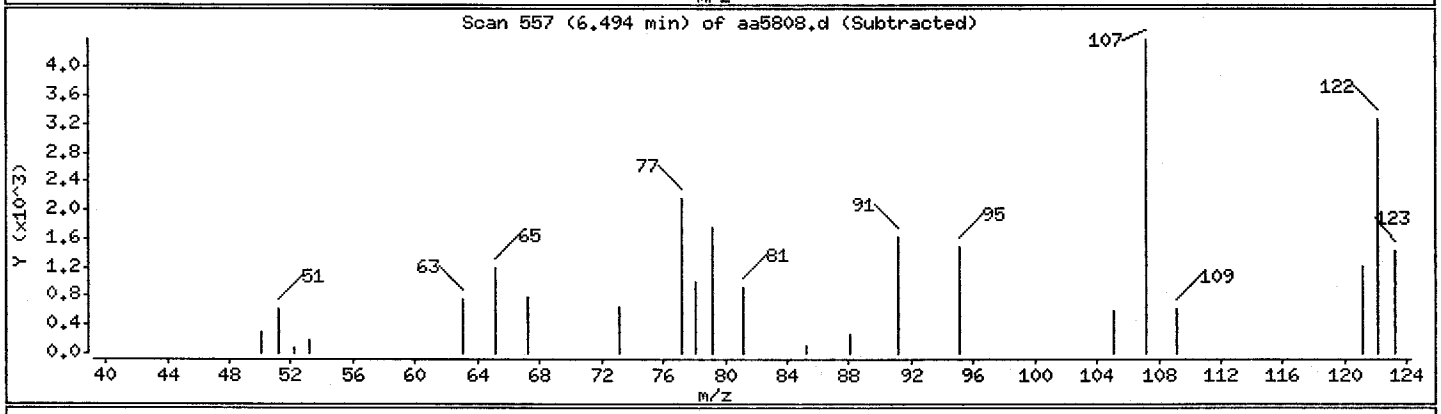
Sample Info: 940033;4444934

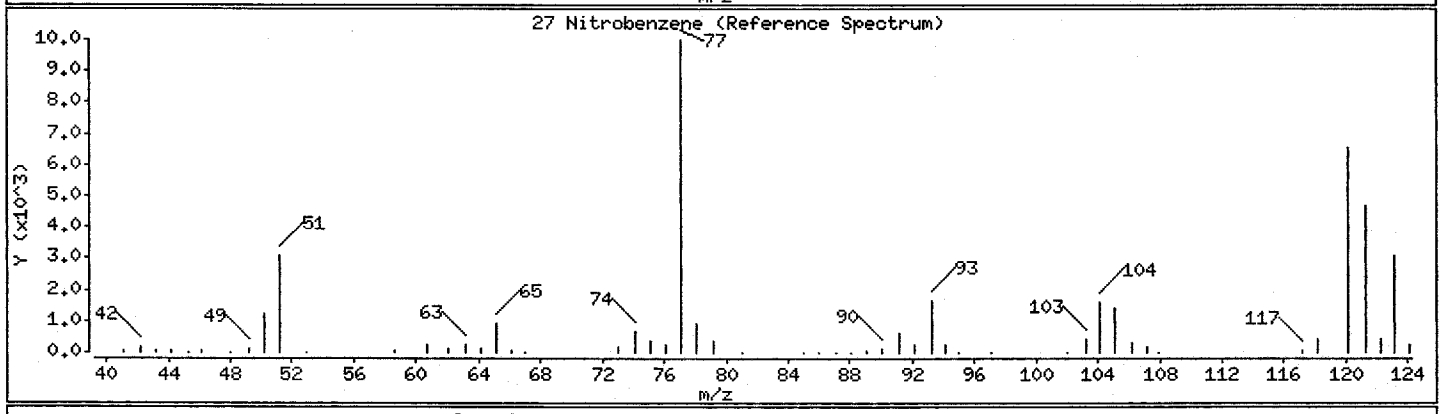
Volume Injected (uL): 1.0 Operator: BNAMS 4

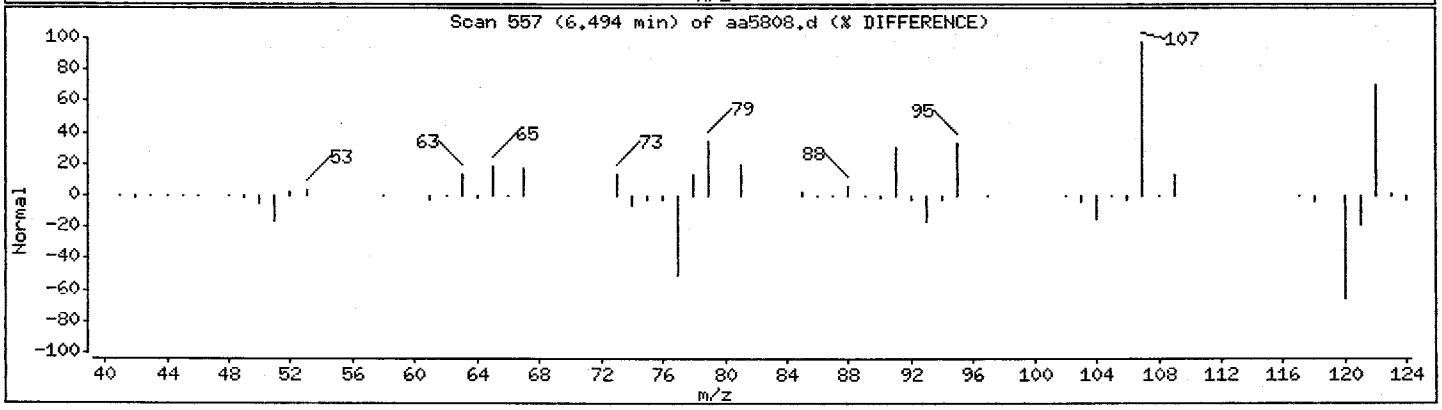
Column phase: DB-5 Column diameter: 0.25

27 Nitrobenzene Concentration: 0.67 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

Client ID: 080408-06 Instrument: BNAMS8.i

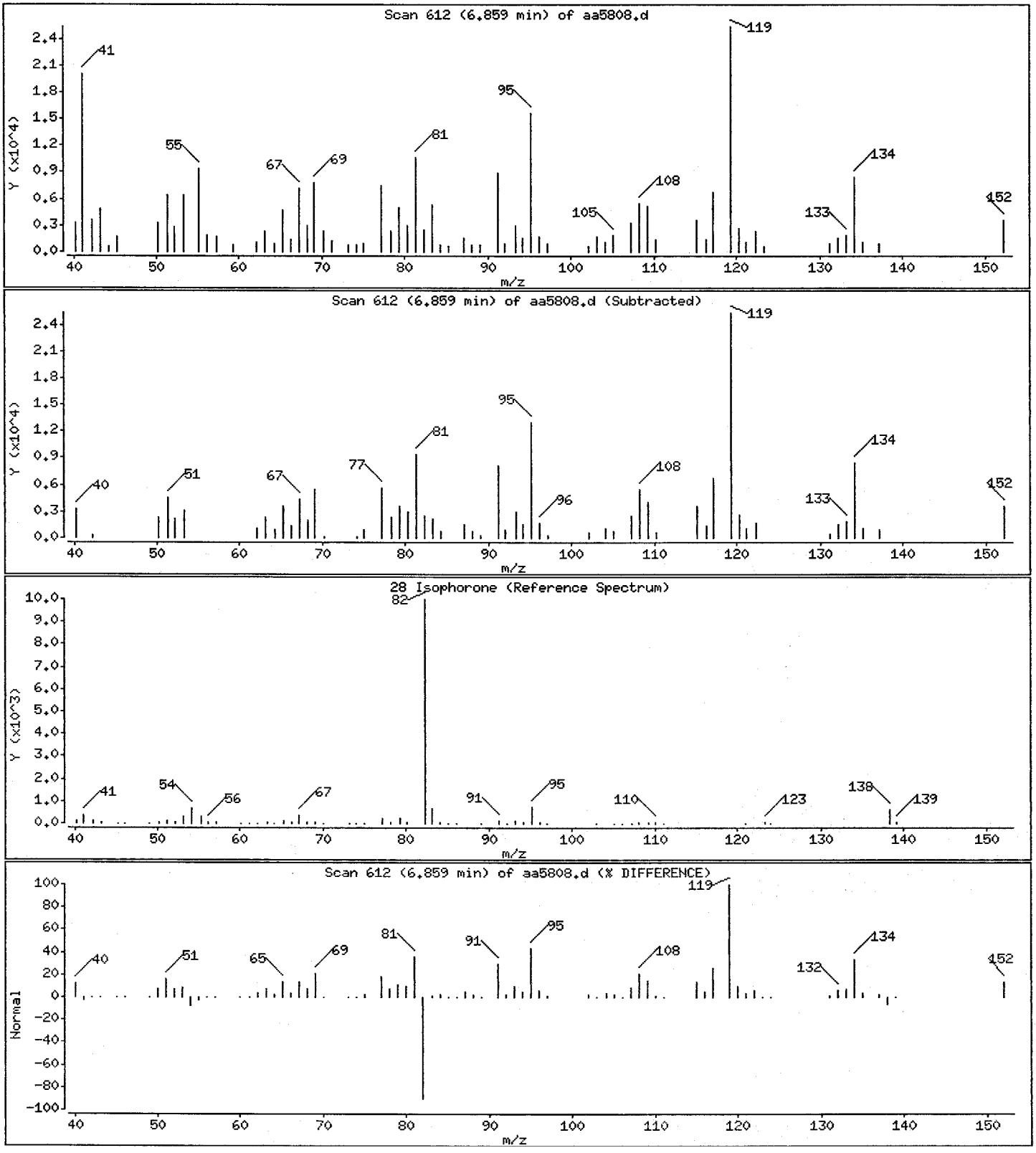
Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

28 Isophorone Concentration: 0.66 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

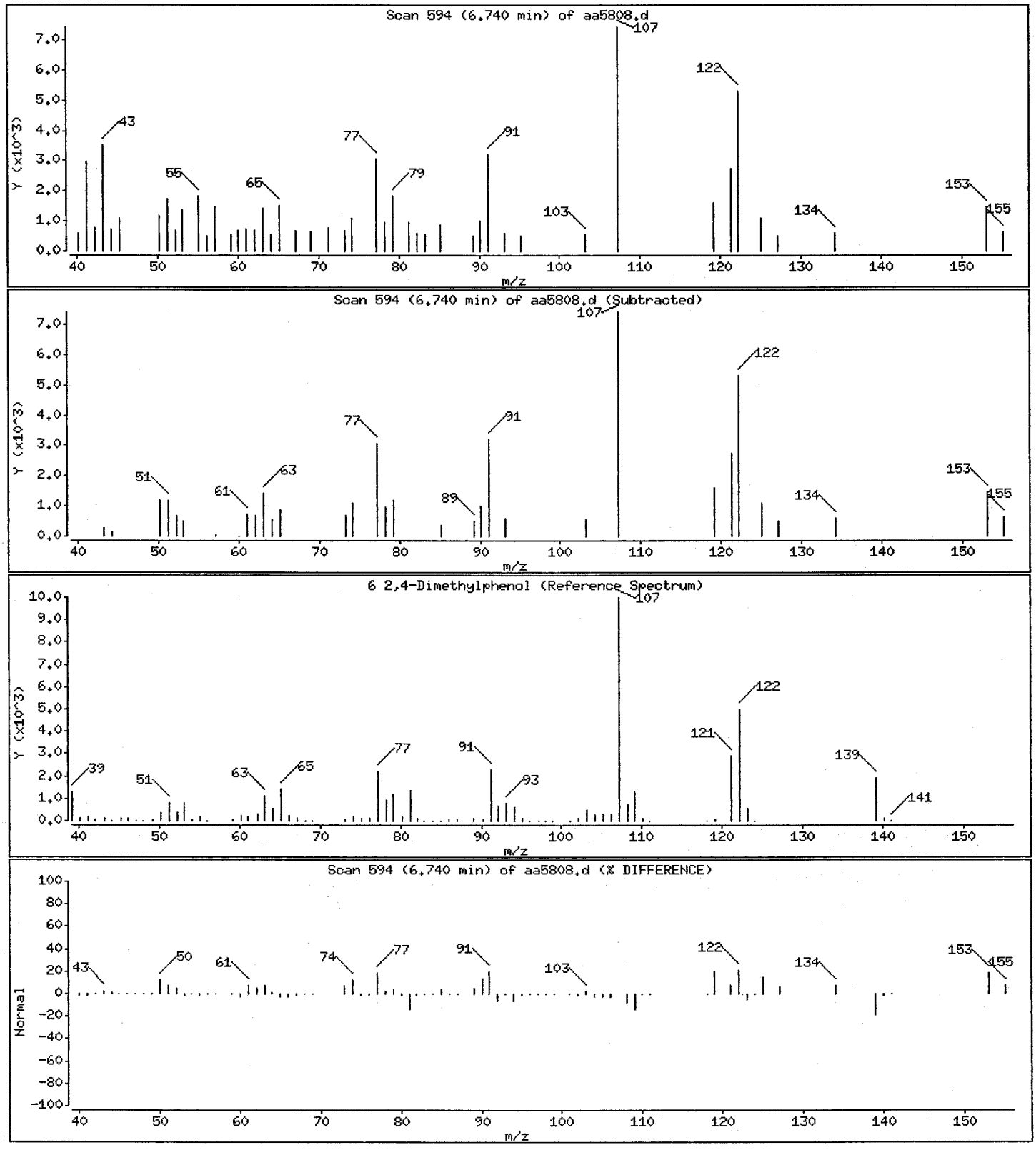
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

6 2,4-Dimethylphenol Concentration: 2.5 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

Client ID: 080408-06 Instrument: BNAMS8.i

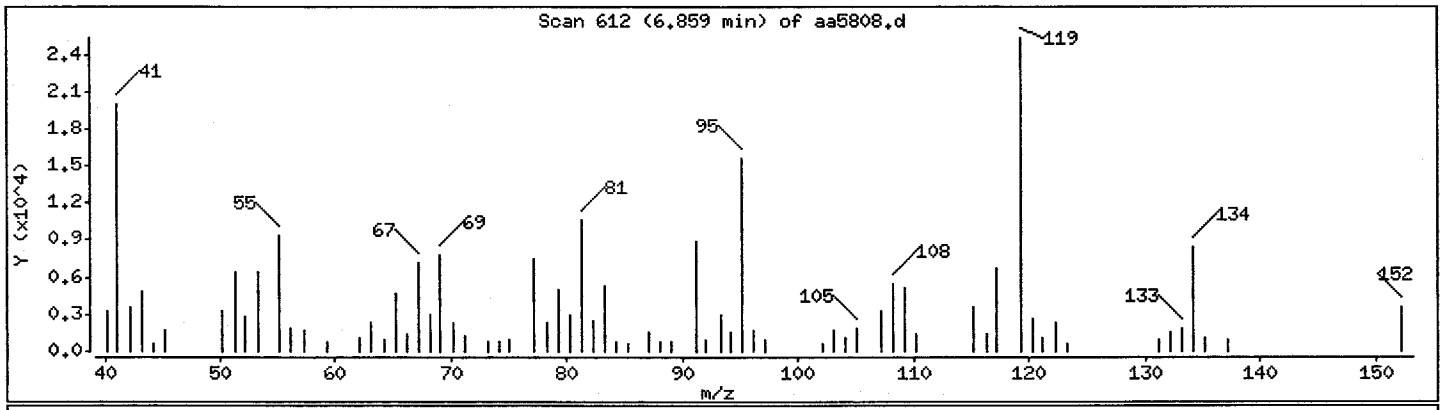
Sample Info: 940033:4444934

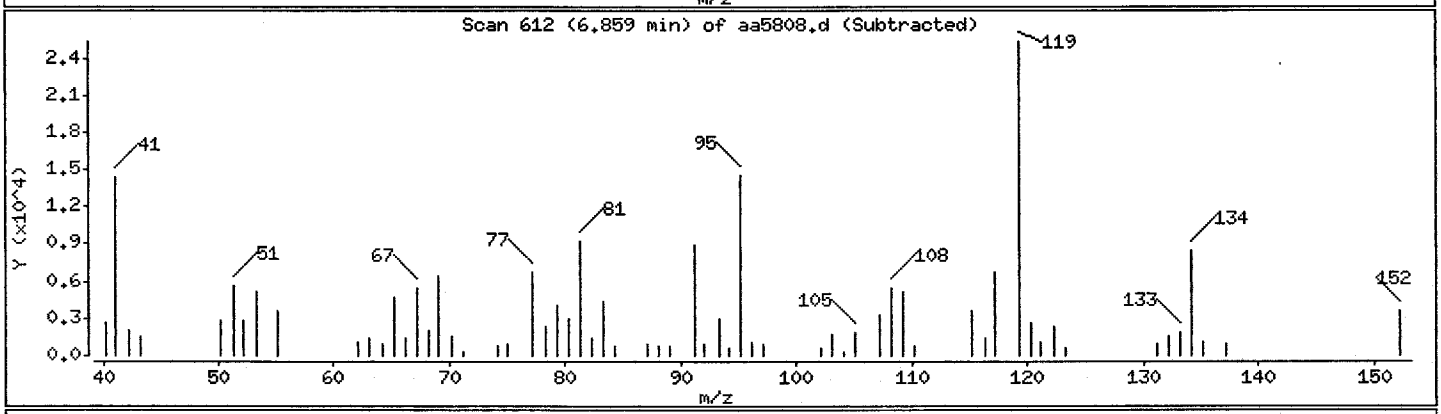
Volume Injected (uL): 1.0 Operator: BNAMS 4

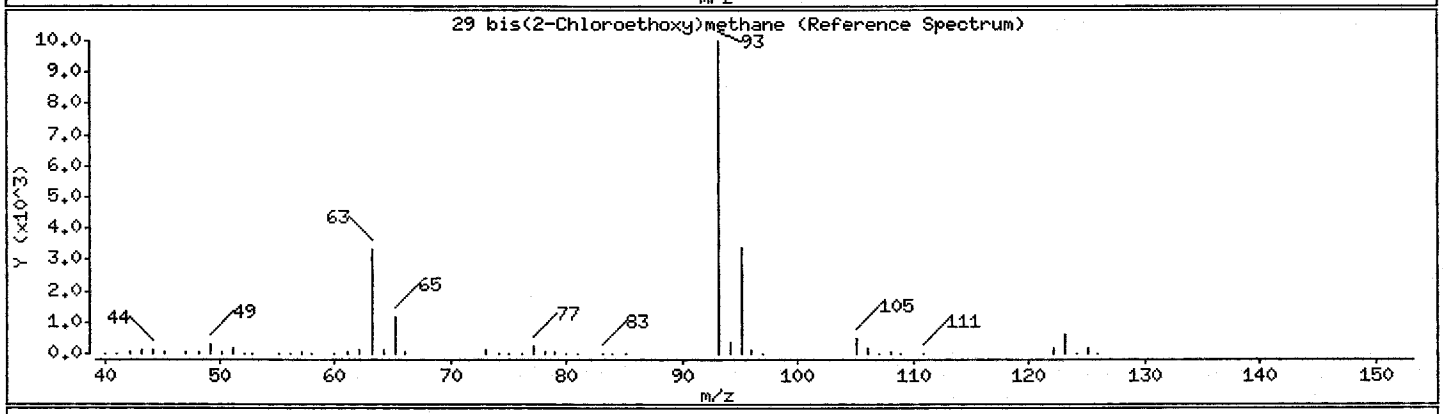
Column phase: DB-5 Column diameter: 0.25

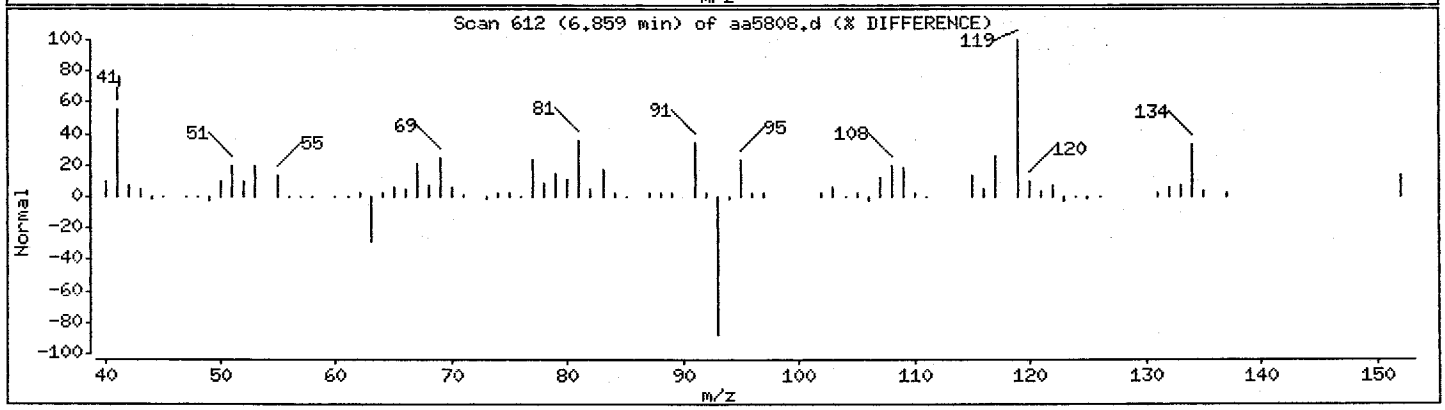
29 bis(2-Chloroethoxy)methane Concentration: 1.4 ug/L

FALSE POSITIVE Init. TO









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

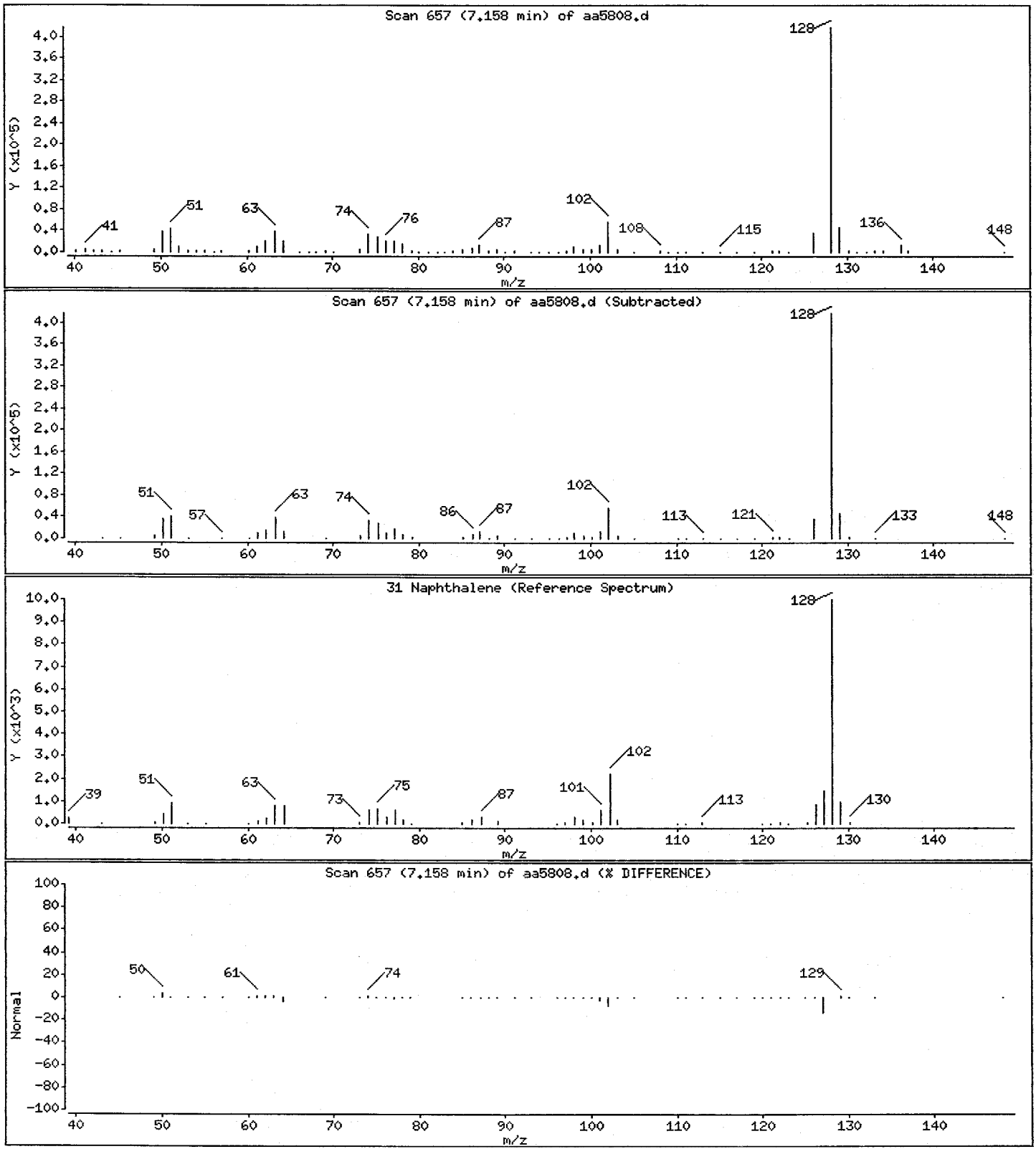
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 52 ug/L



FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

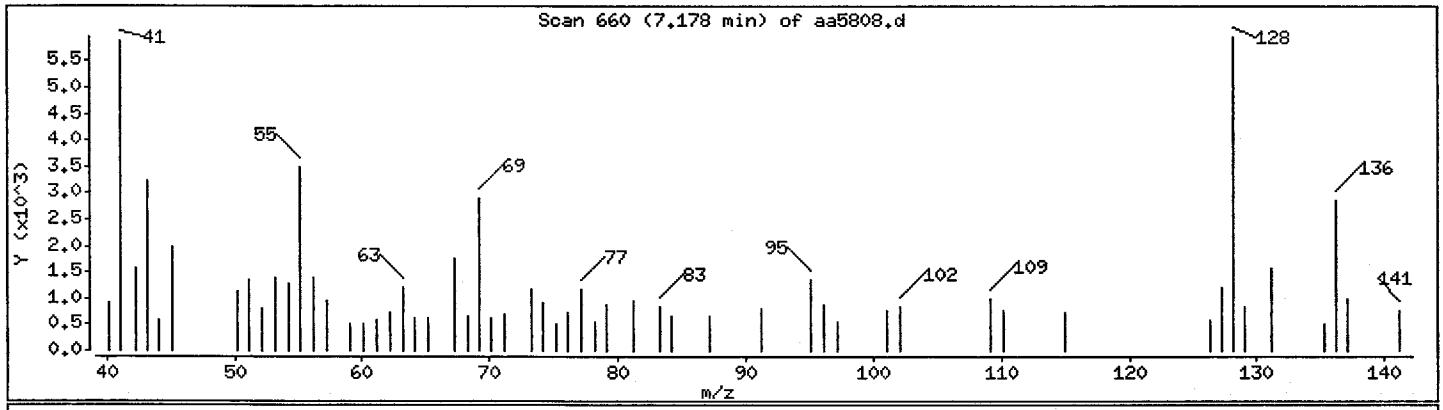
Client ID: 080408-06 Instrument: BNAMS8.i

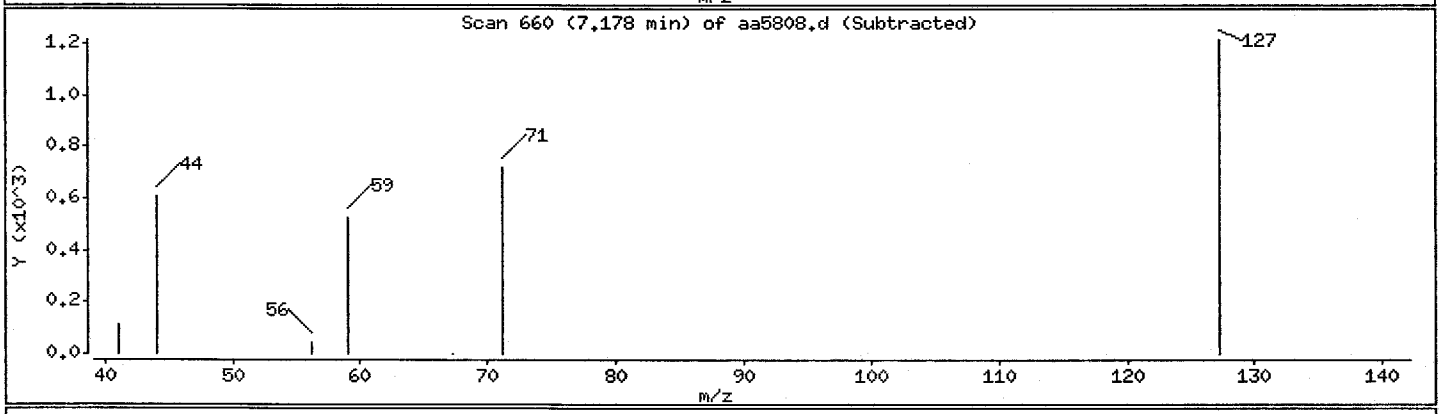
Sample Info: 940033;4444934

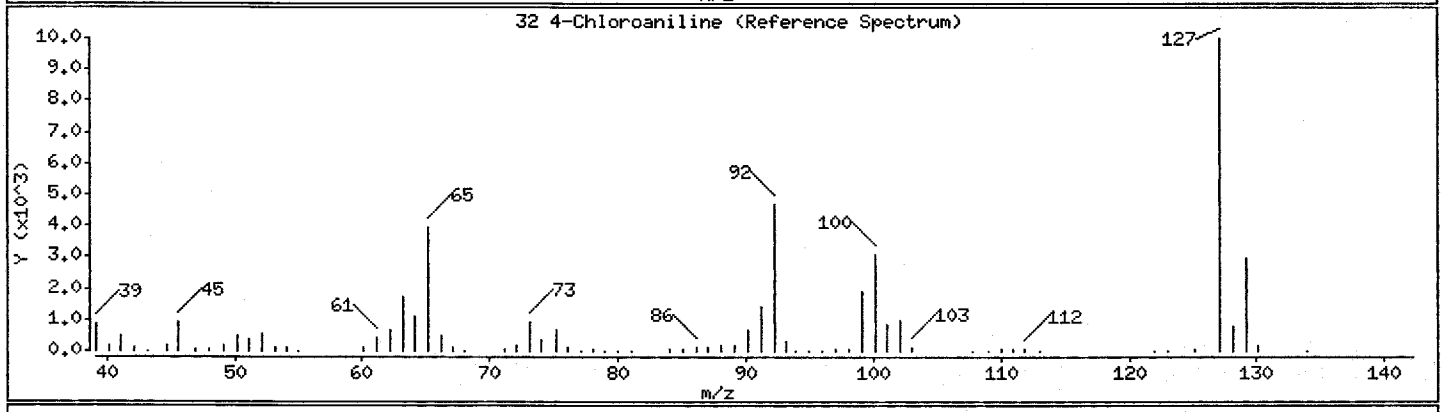
Volume Injected (uL): 1.0 Operator: BNAMS 4

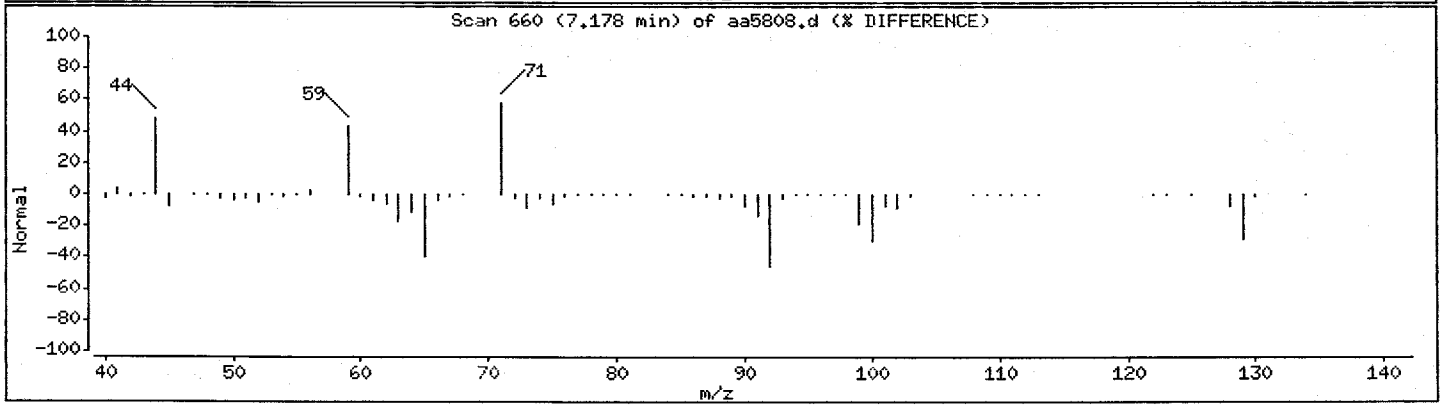
Column phase: DB-5 Column diameter: 0.25

32 4-Chloroaniline Concentration: 0.40 ug/L









FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

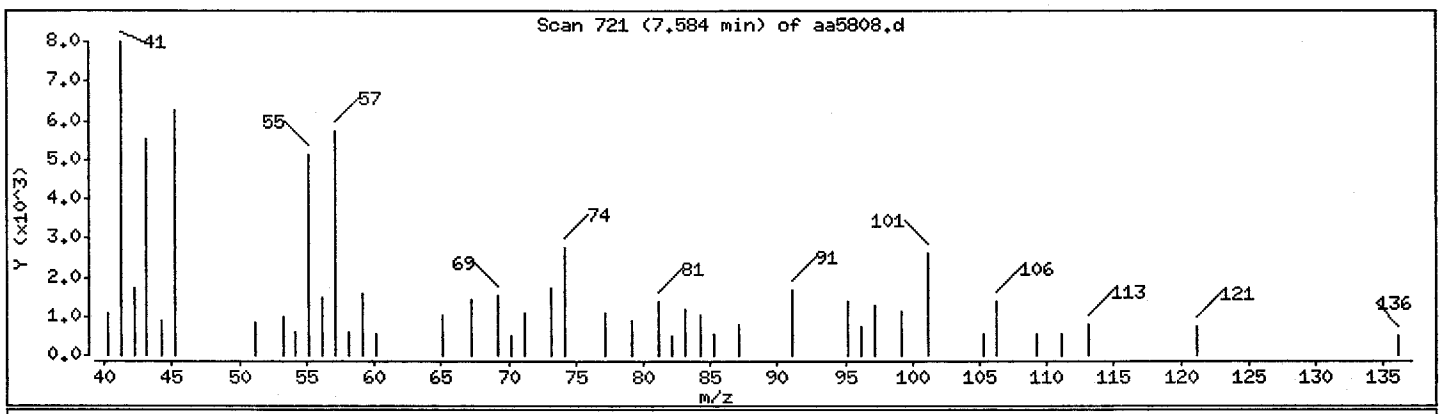
Client ID: 080408-06 Instrument: BNAMS8.i

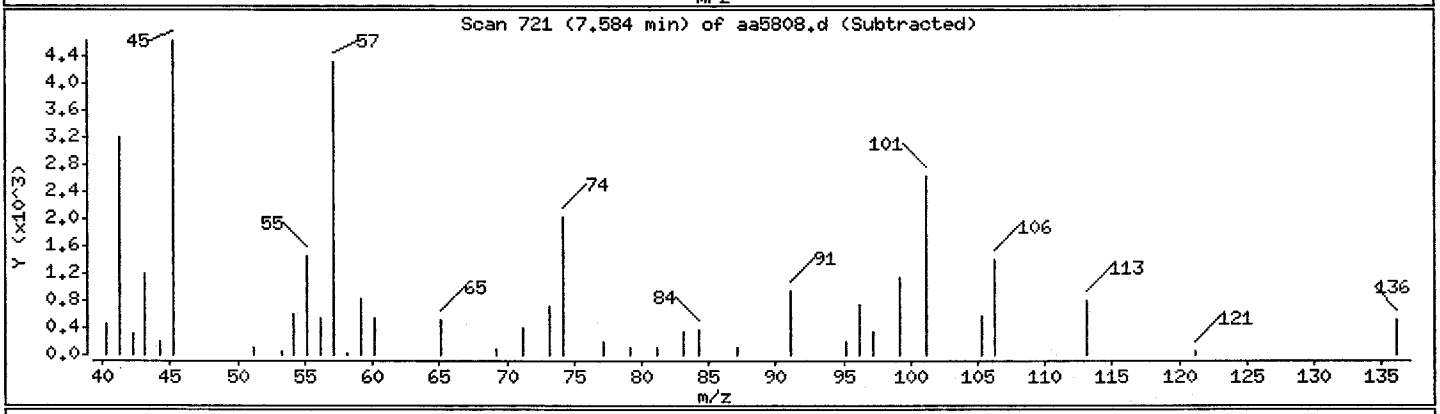
Sample Info: 940033;4444934

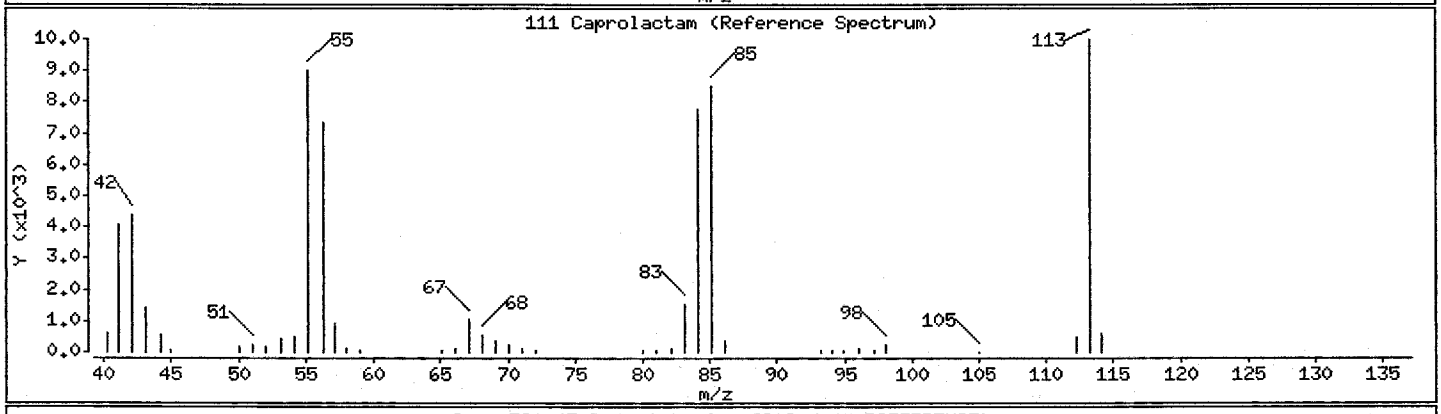
Volume Injected (uL): 1.0 Operator: BNAMS 4

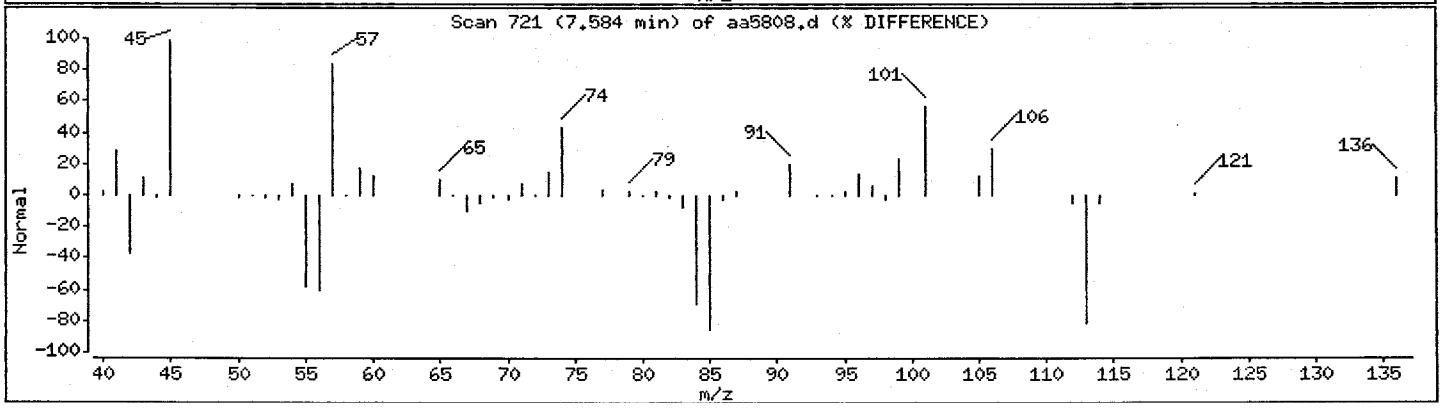
Column phase: DB-5 Column diameter: 0.25

111 Caprolactam Concentration: 0.88 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

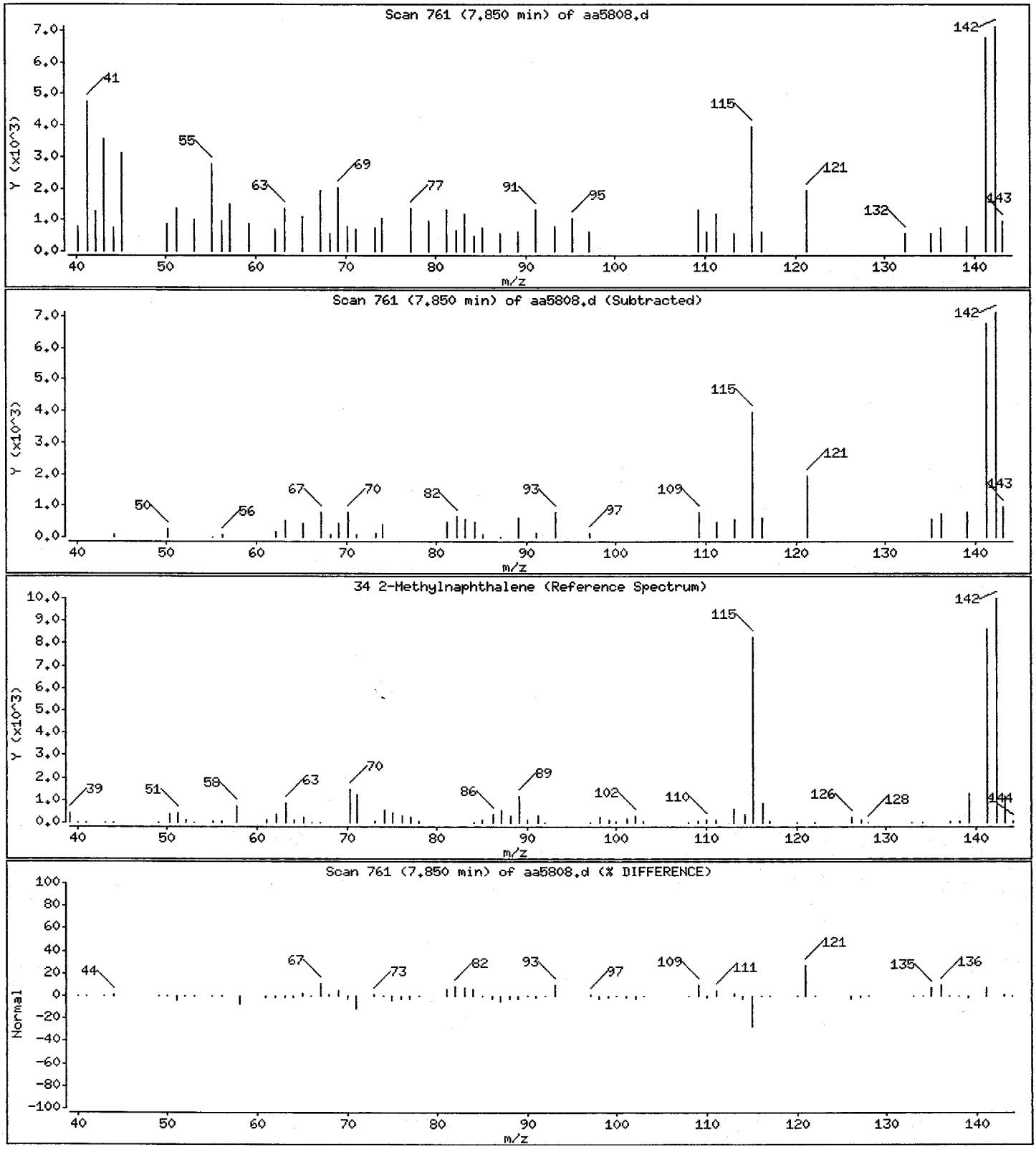
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 1.4 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

Client ID: 080408-06 Instrument: BNAMS8.i

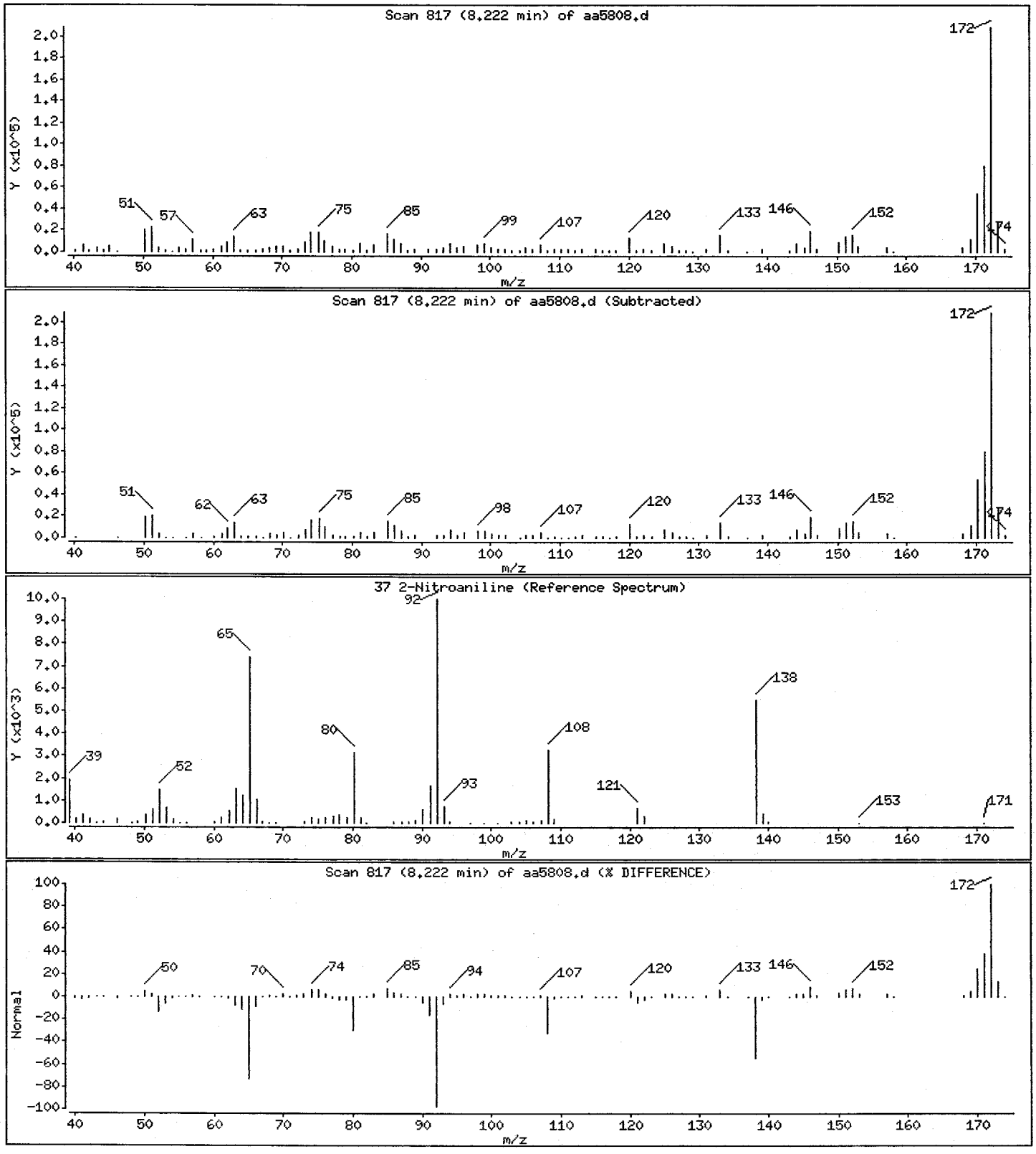
Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

37 2-Nitroaniline Concentration: 2.0 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

Client ID: 080408-06 Instrument: BNAMS8.i

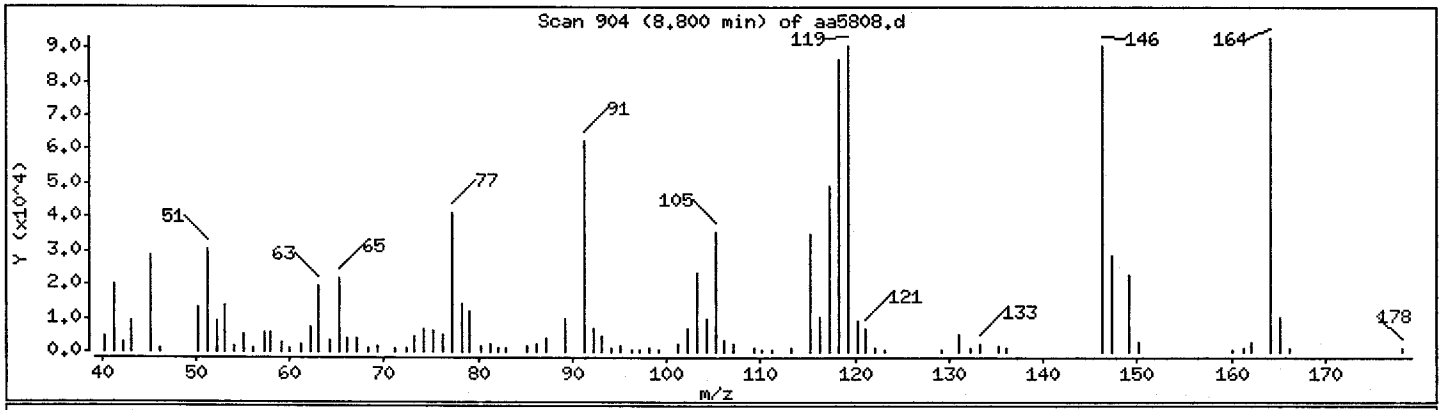
Sample Info: 940033;4444934

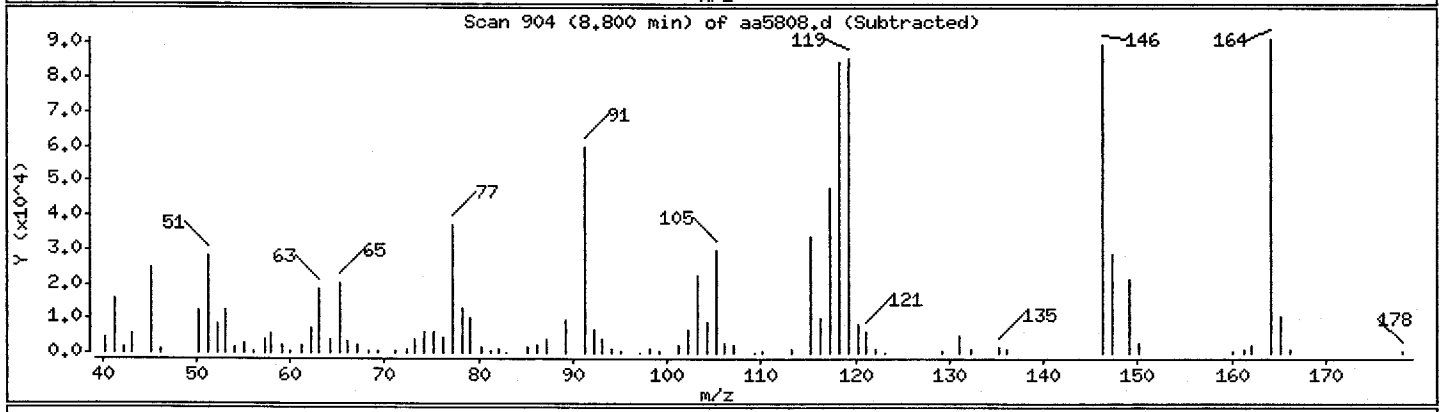
Volume Injected (uL): 1.0 Operator: BNAMS 4

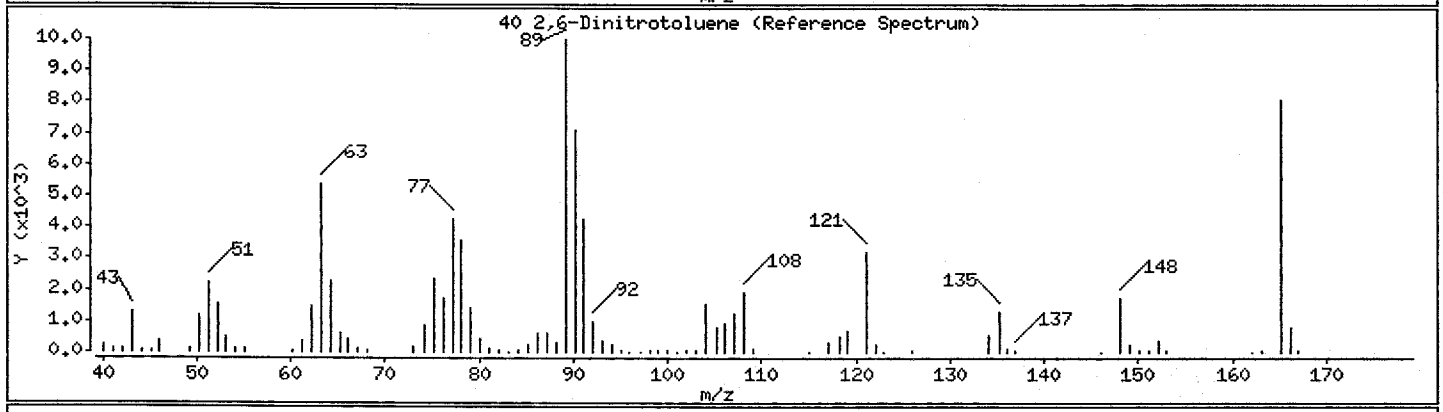
Column phase: DB-5 Column diameter: 0.25

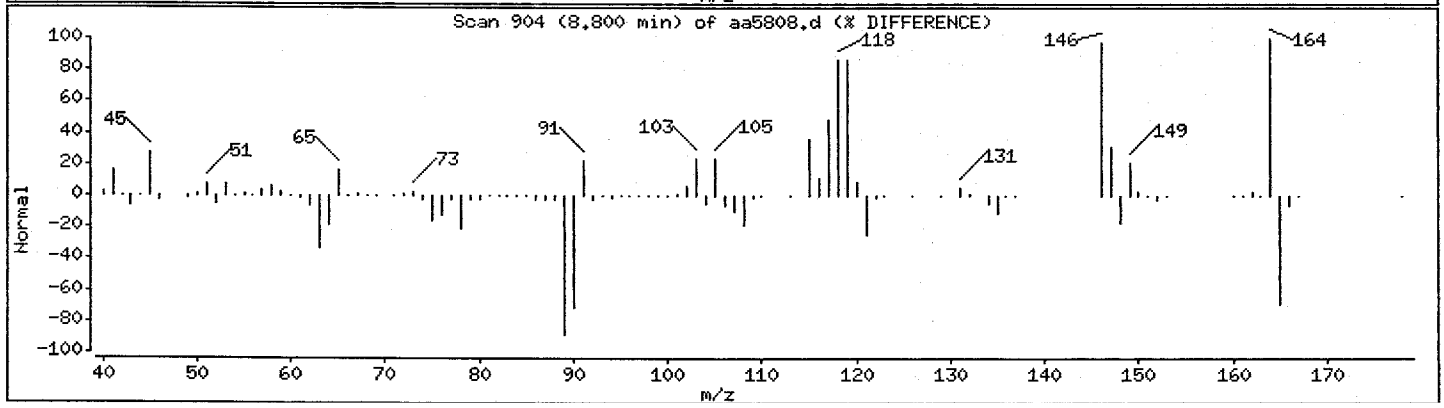
40 2,6-Dinitrotoluene Concentration: 12 ug/L

FALSE POSITIVE Init.









FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

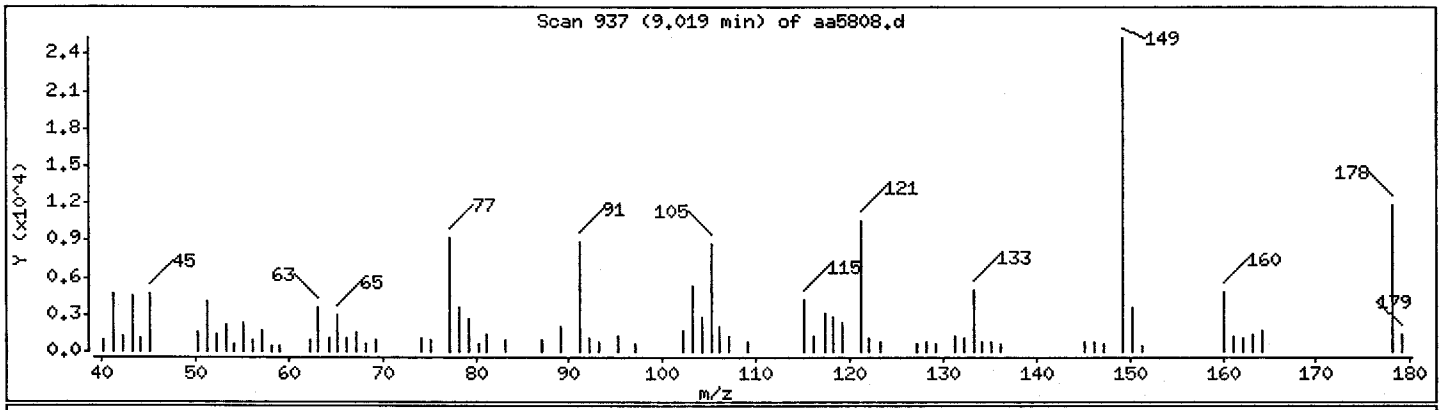
Client ID: 080408-06 Instrument: BNAMS8.i

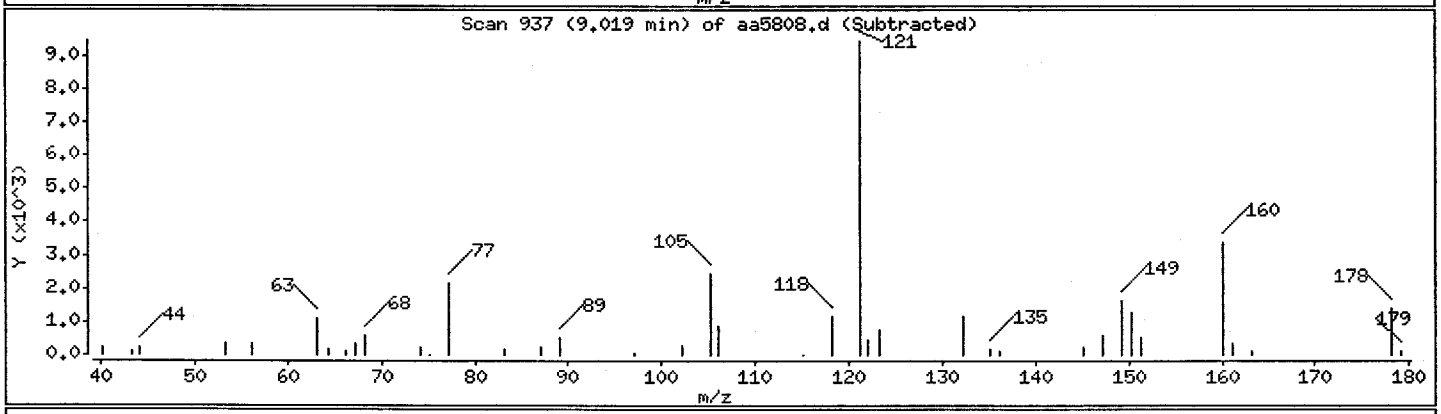
Sample Info: 940033;4444934

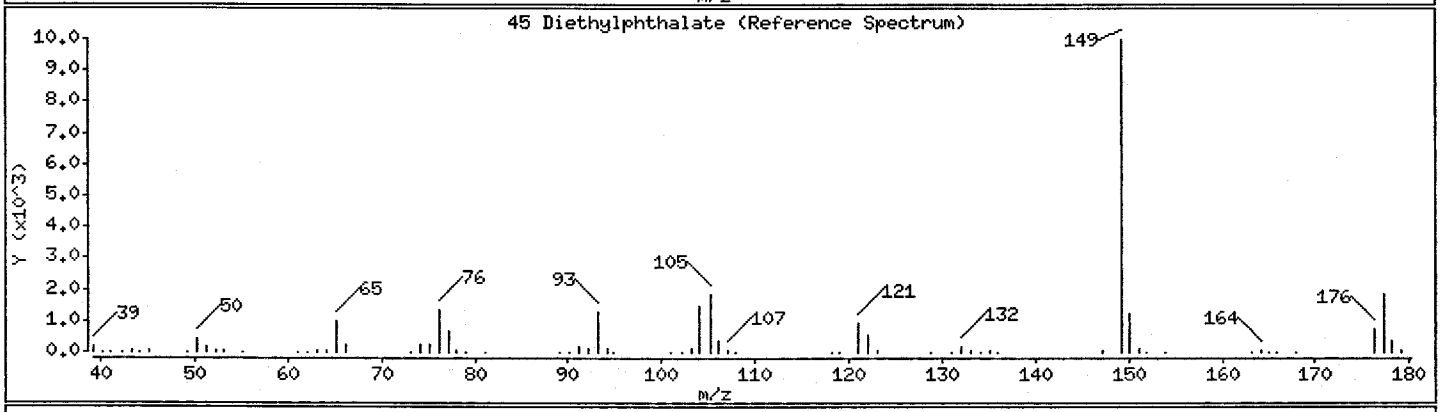
Volume Injected (uL): 1.0 Operator: BNAMS 4

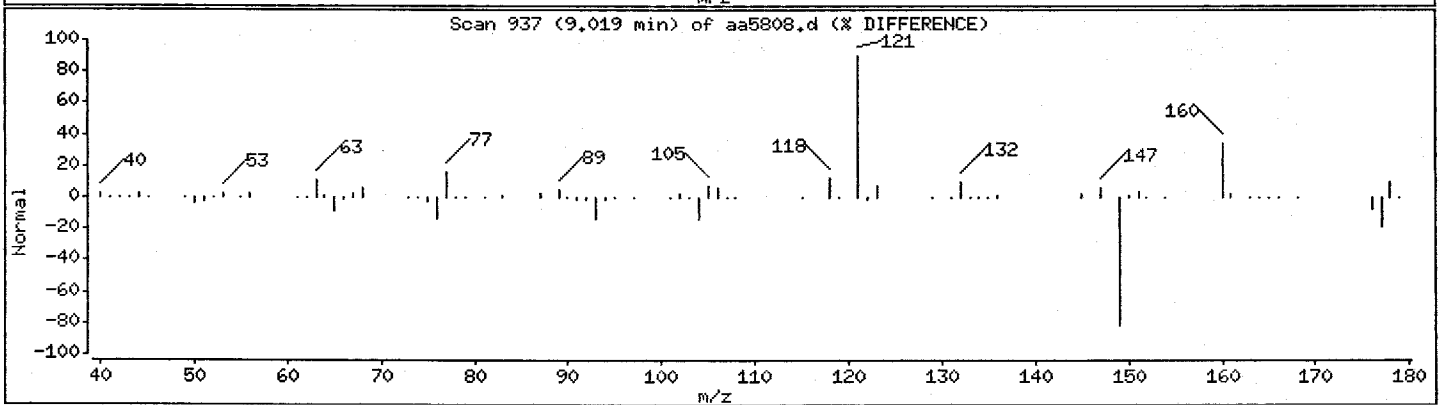
Column phase: DB-5 Column diameter: 0.25

45 Diethylphthalate Concentration: 4.4 ug/L









FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

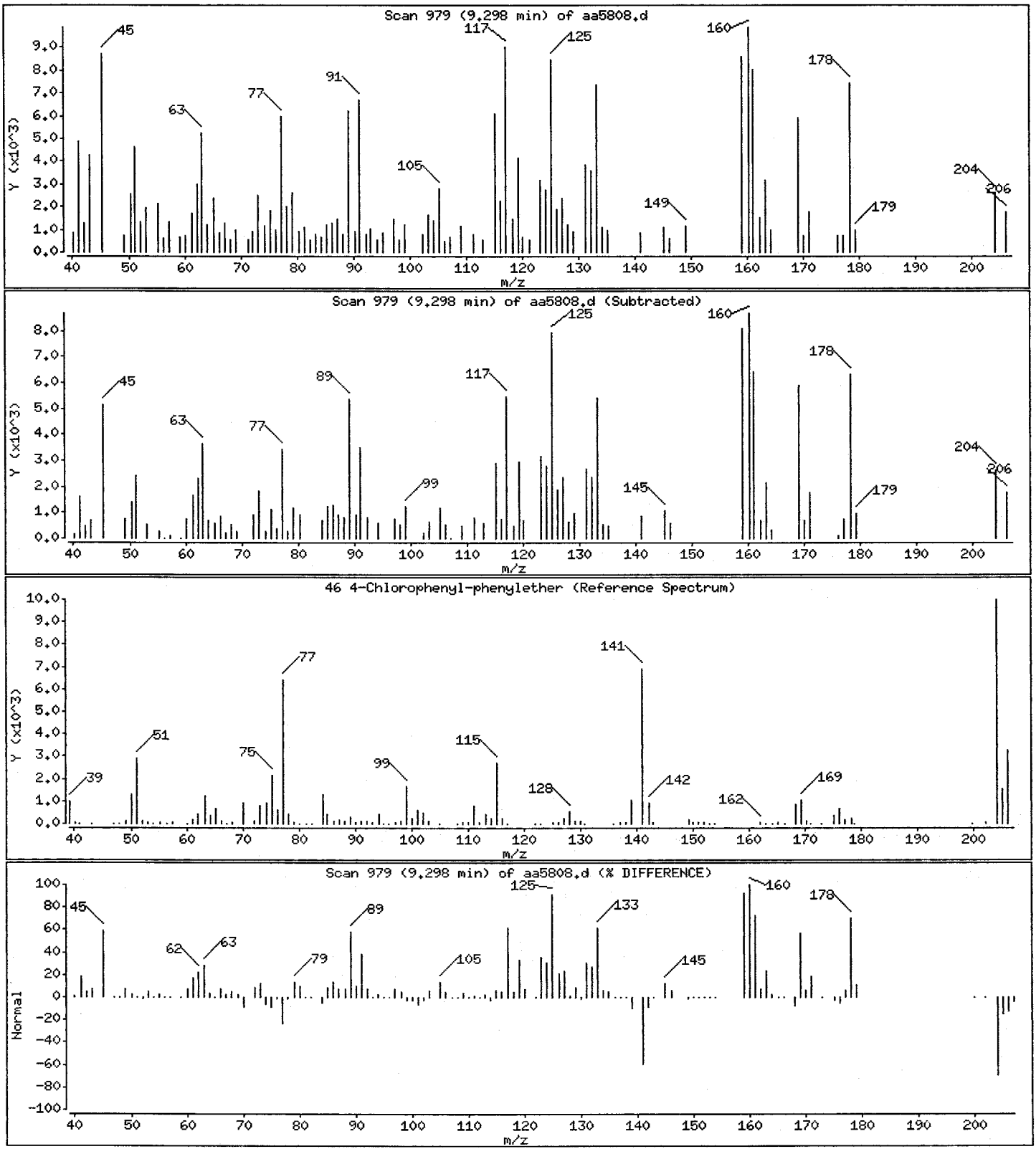
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

46 4-Chlorophenyl-phenylether Concentration: 0.74 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

Client ID: 080408-06 Instrument: BNAMS8.i

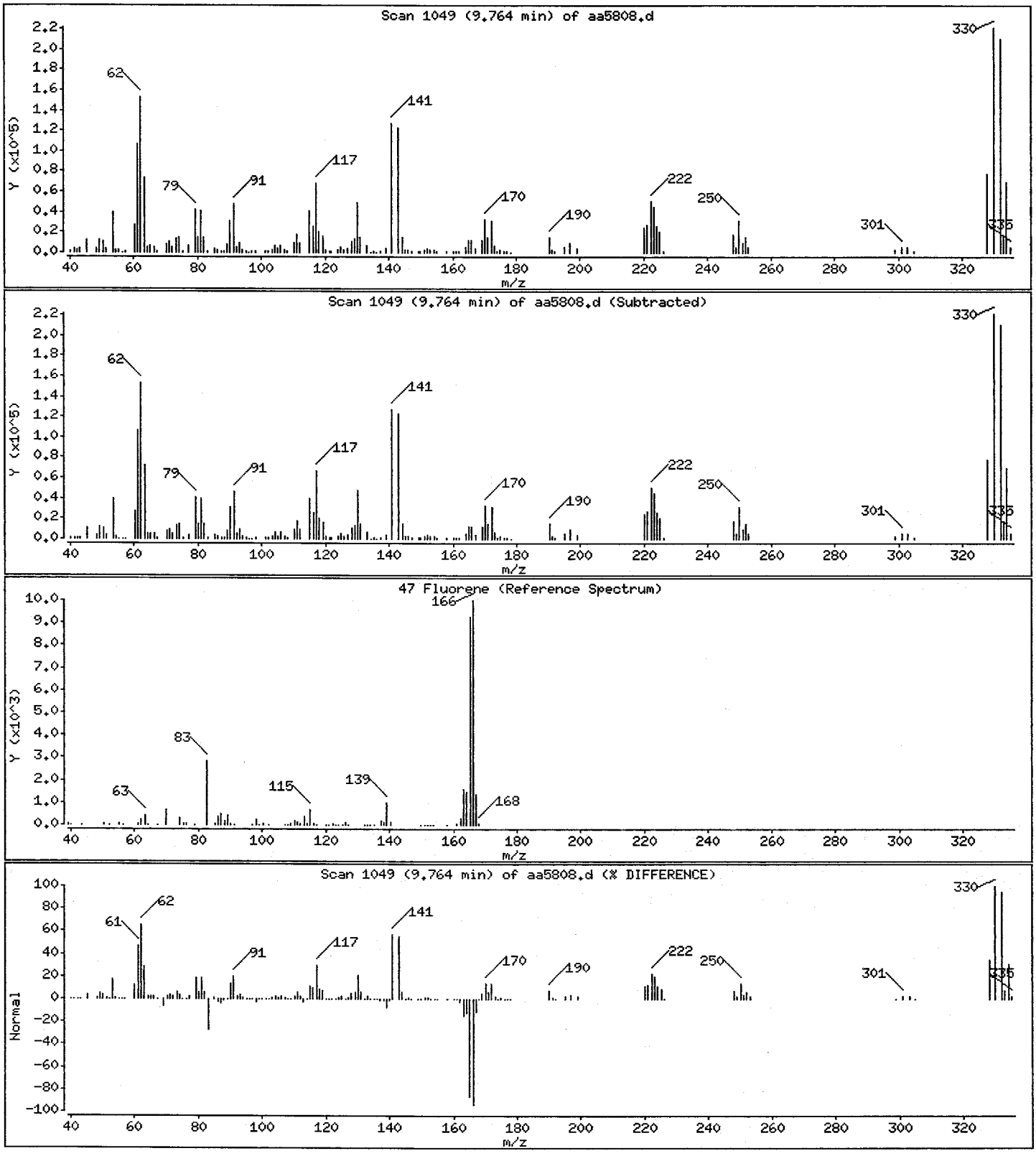
Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 1.5 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

Client ID: 080408-06 Instrument: BNAMS8.i

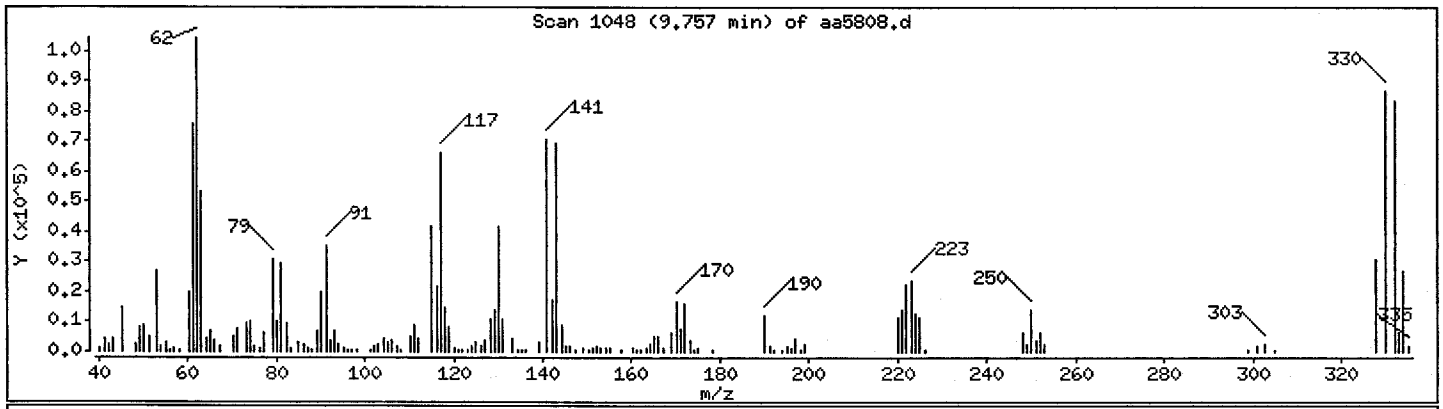
Sample Info: 940033;4444934

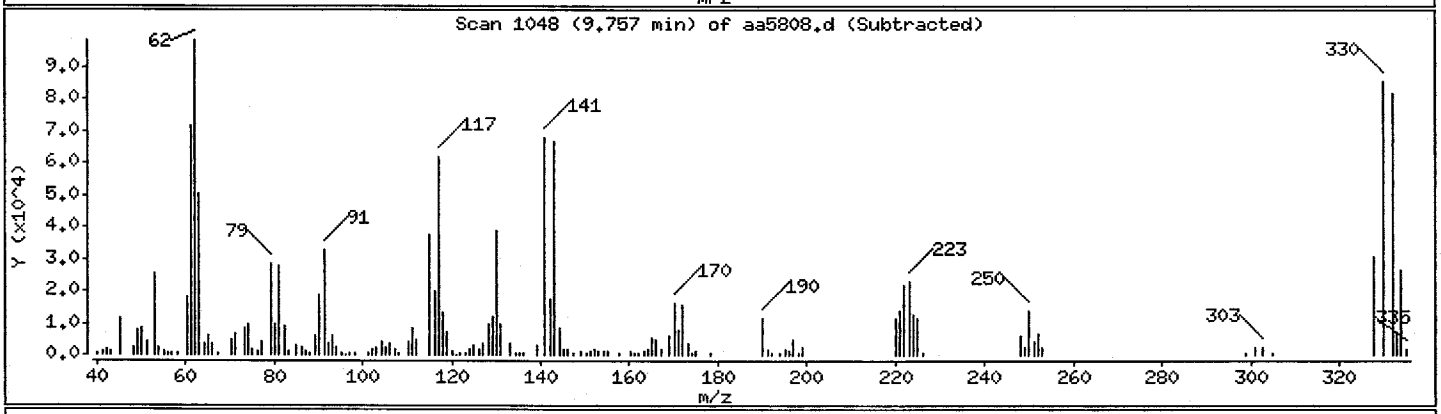
Volume Injected (uL): 1.0 Operator: BNAMS 4

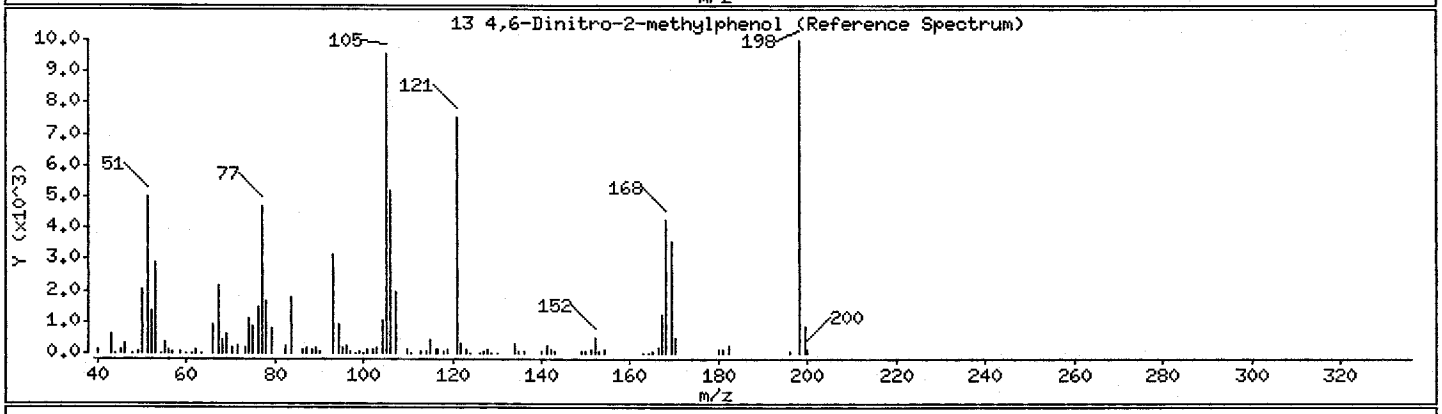
Column phase: DB-5 Column diameter: 0.25

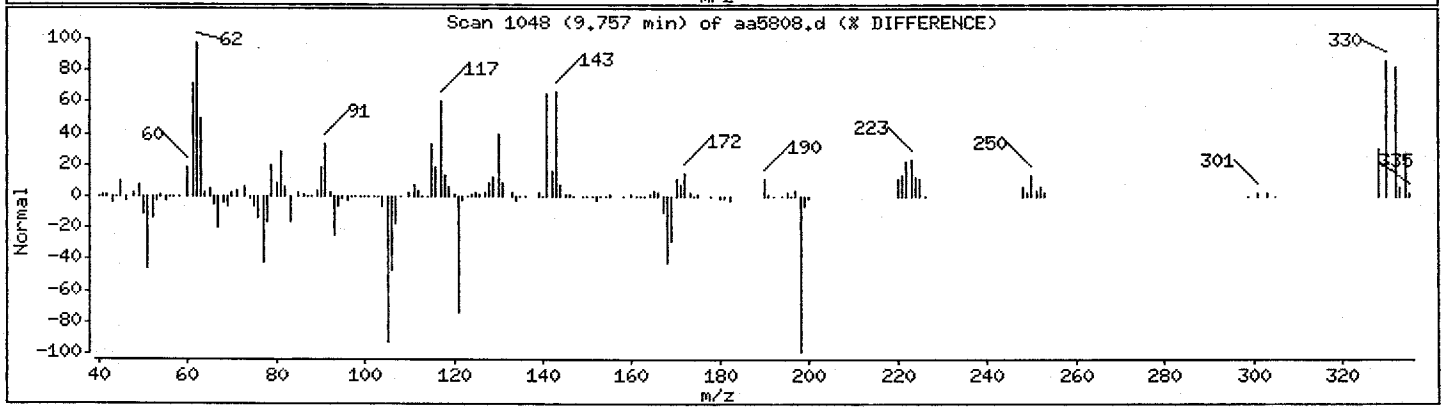
13 4,6-Dinitro-2-methylphenol Concentration: 0.20 ug/L

FALSE POSITIVE Init.









FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

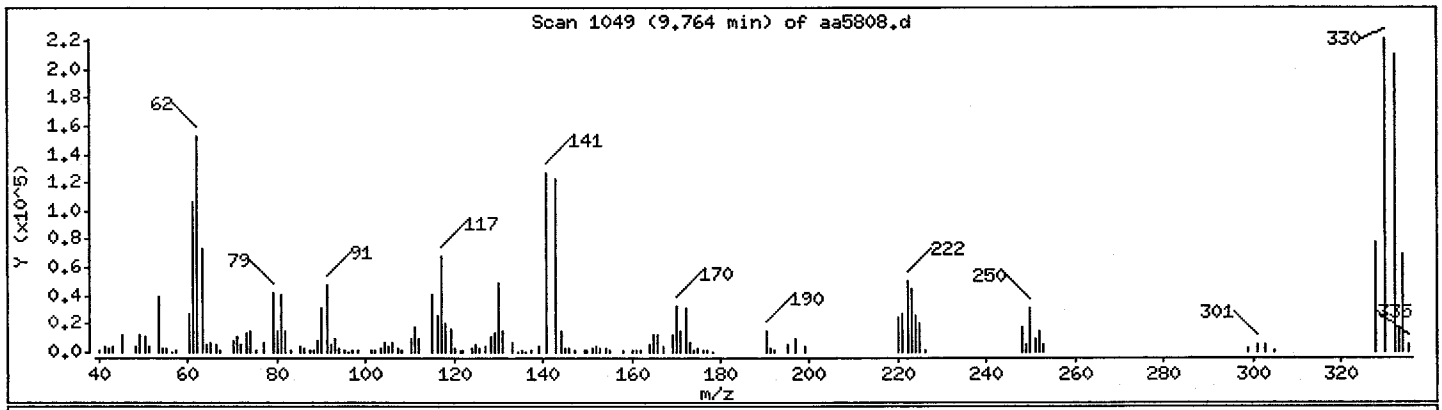
Client ID: 080408-06 Instrument: BNAMS8.i

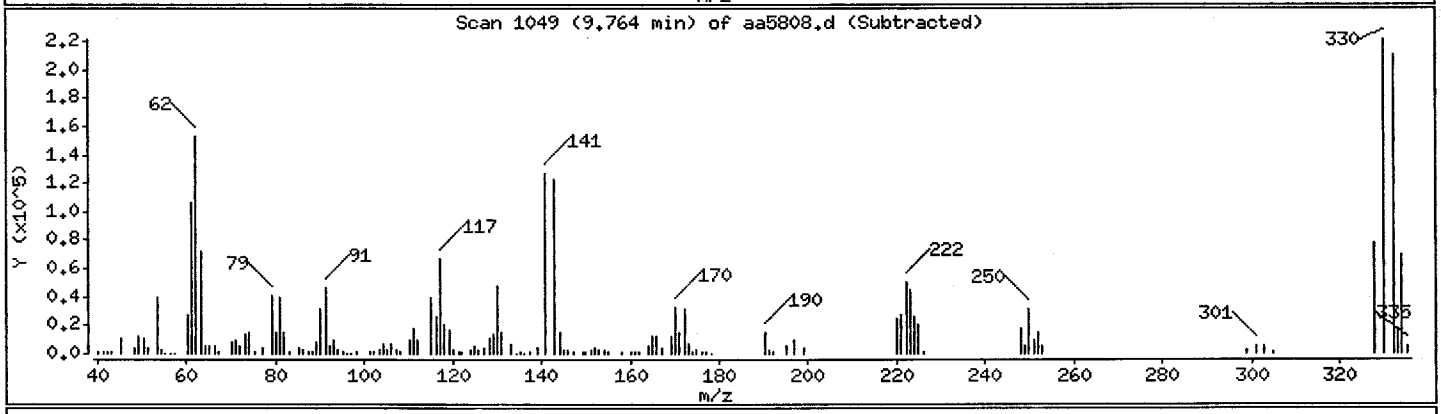
Sample Info: 940033;4444934

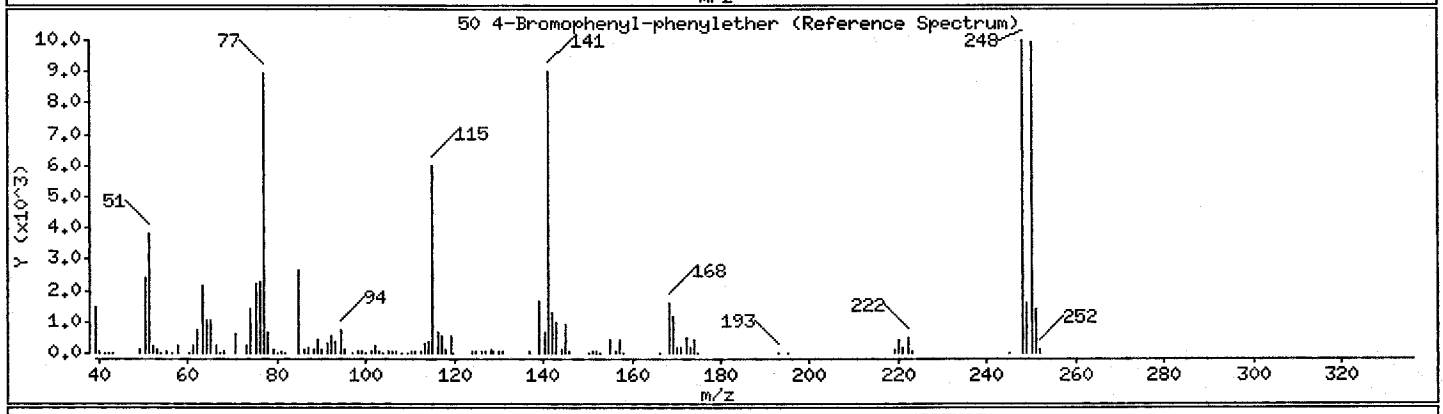
Volume Injected (uL): 1.0 Operator: BNAMS 4

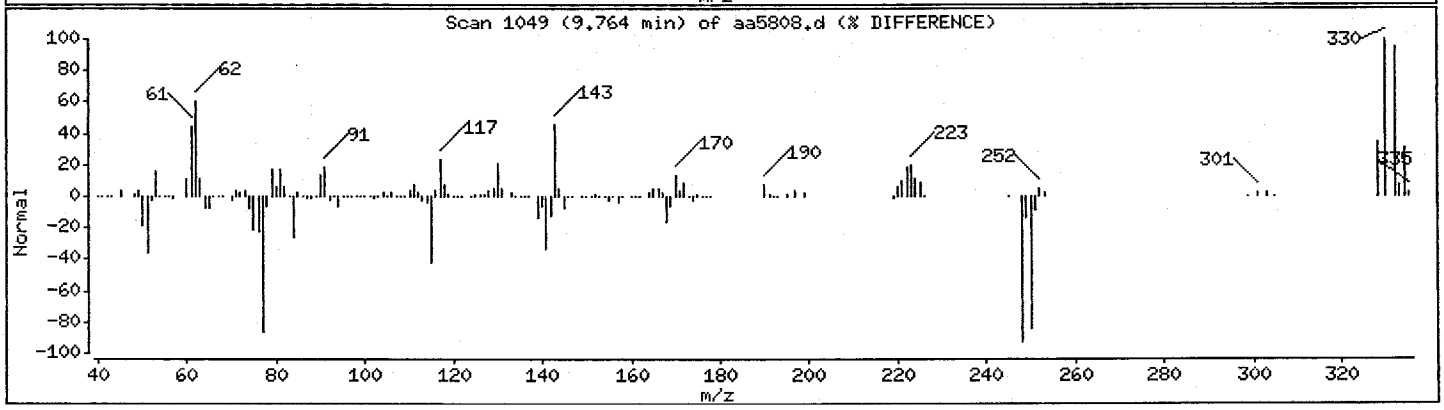
Column phase: DB-5 Column diameter: 0.25

50 4-Bromophenyl-phenylether Concentration: 6.7 ug/L









FALSE POSITIVE Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

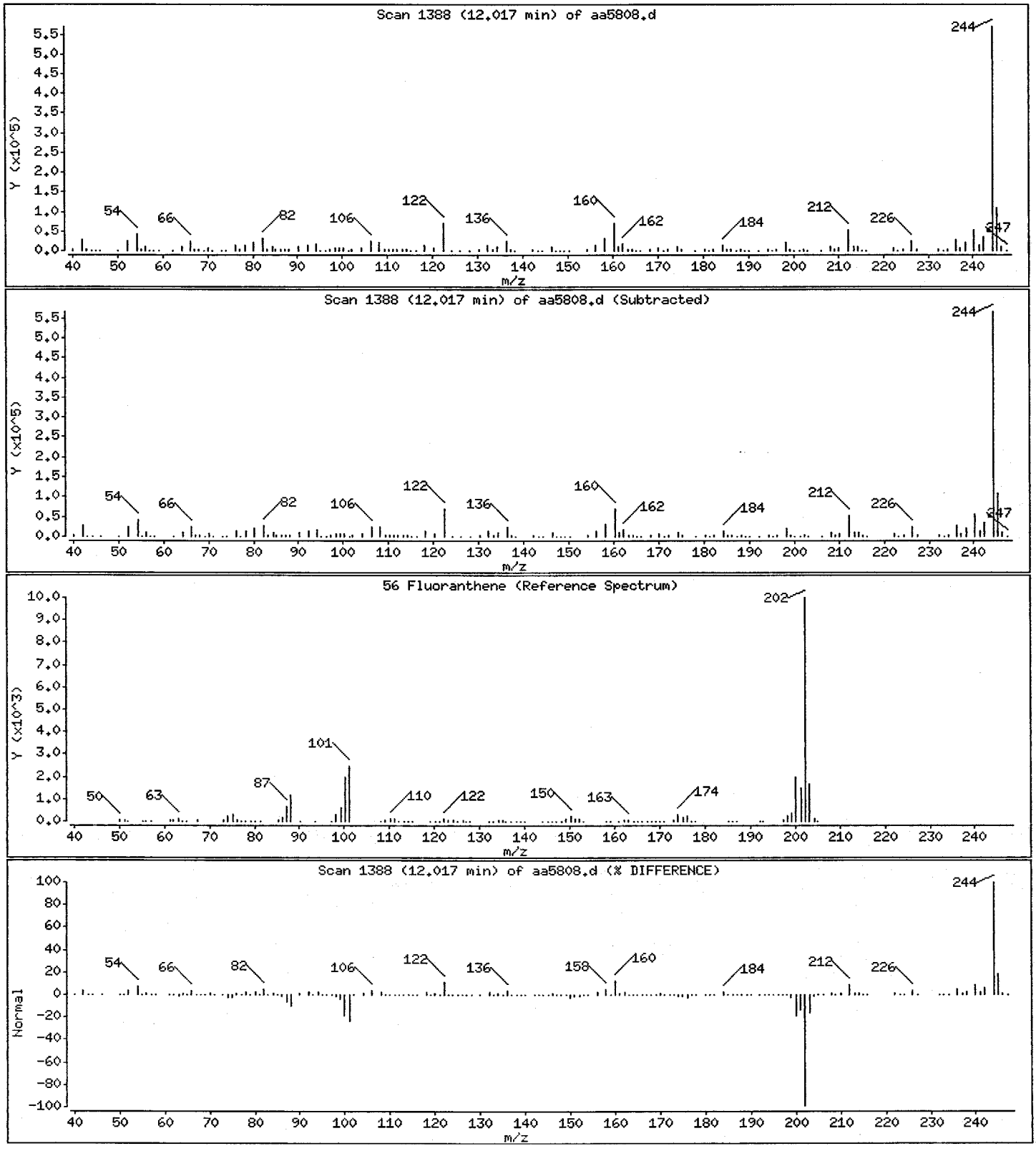
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 0.21 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

Client ID: 080408-06 Instrument: BNAMS8.i

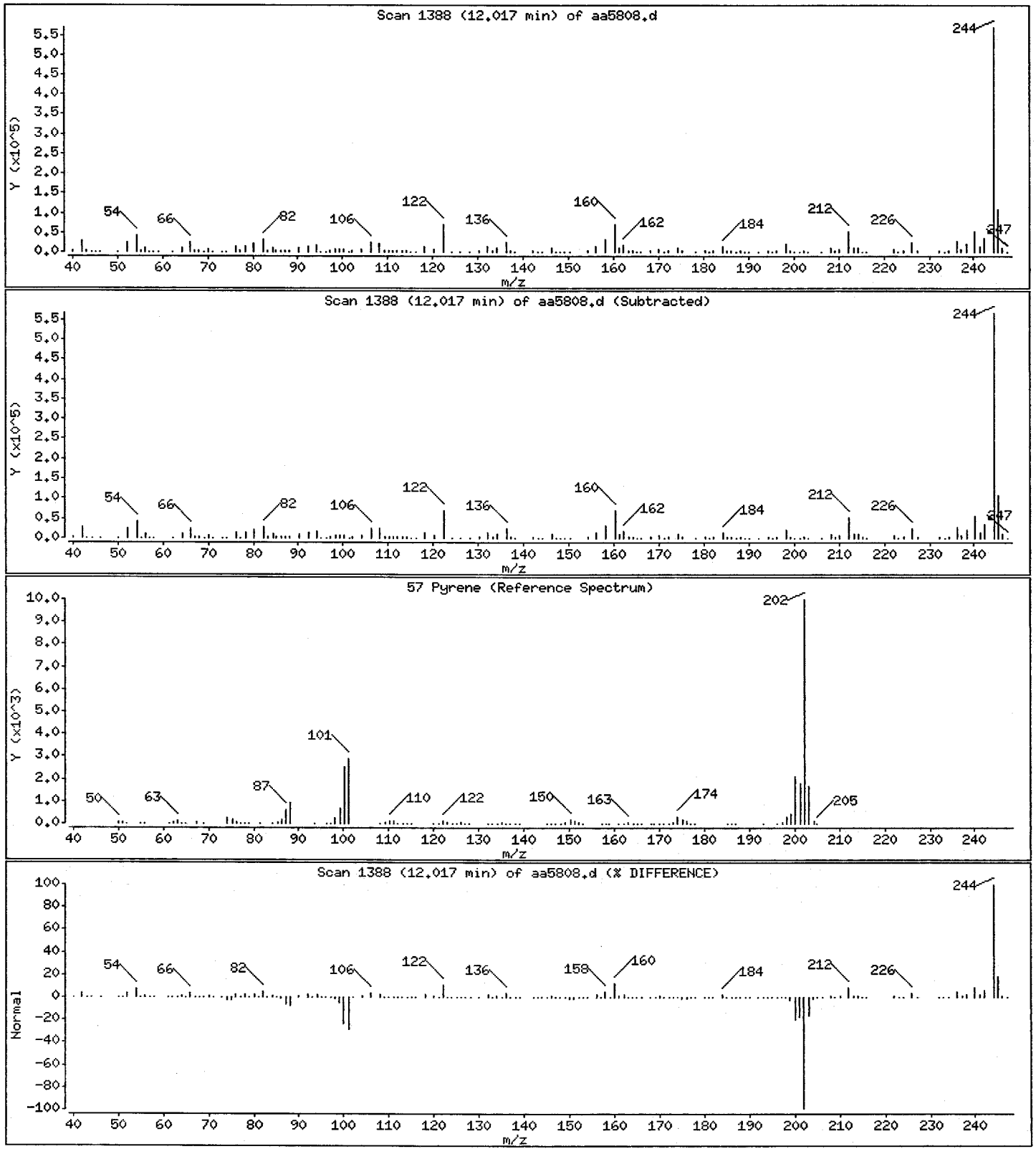
Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 0.25 ug/L

FALSE POSITIVE Init



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

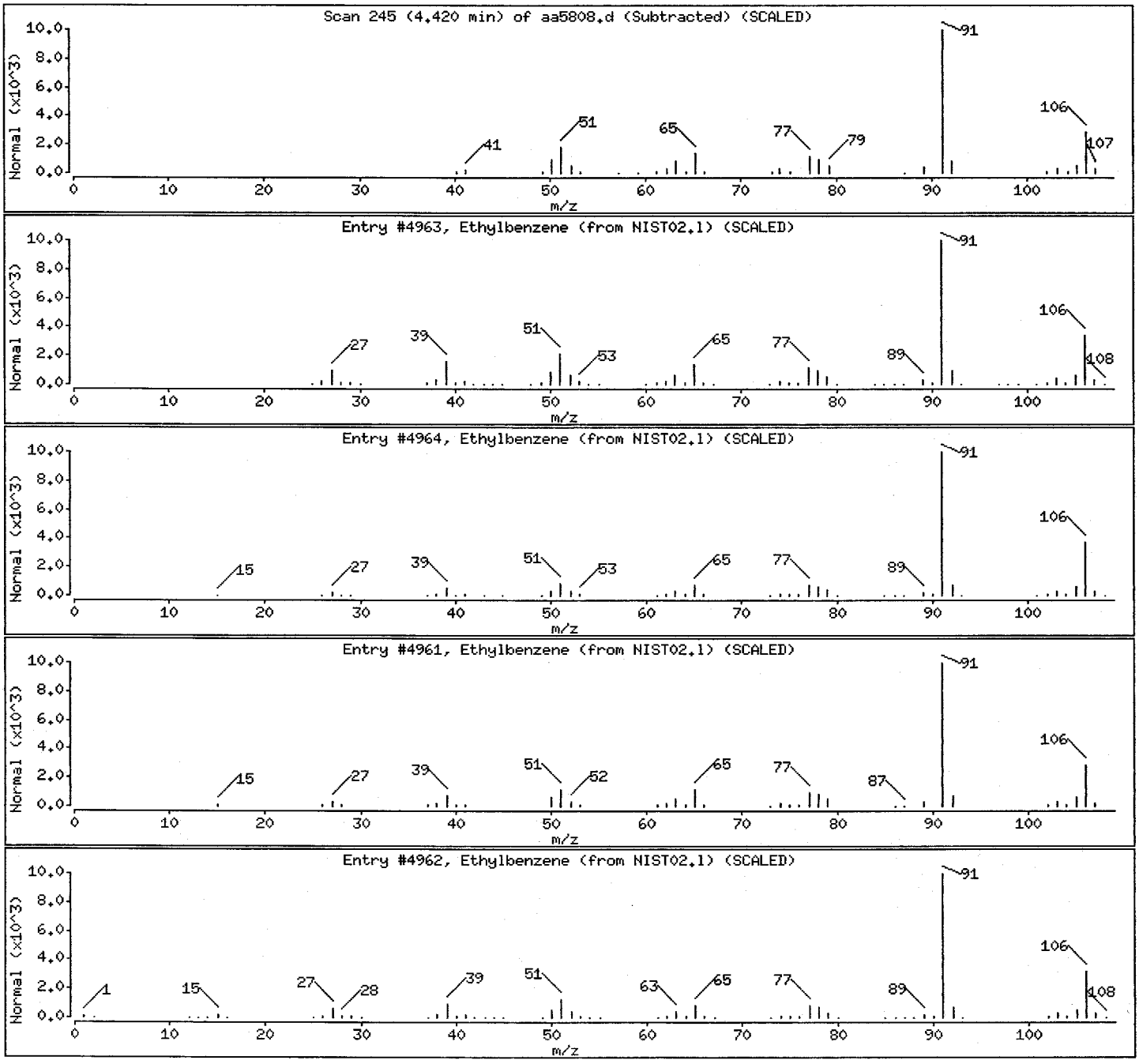
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4963	94	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	90	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	90	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

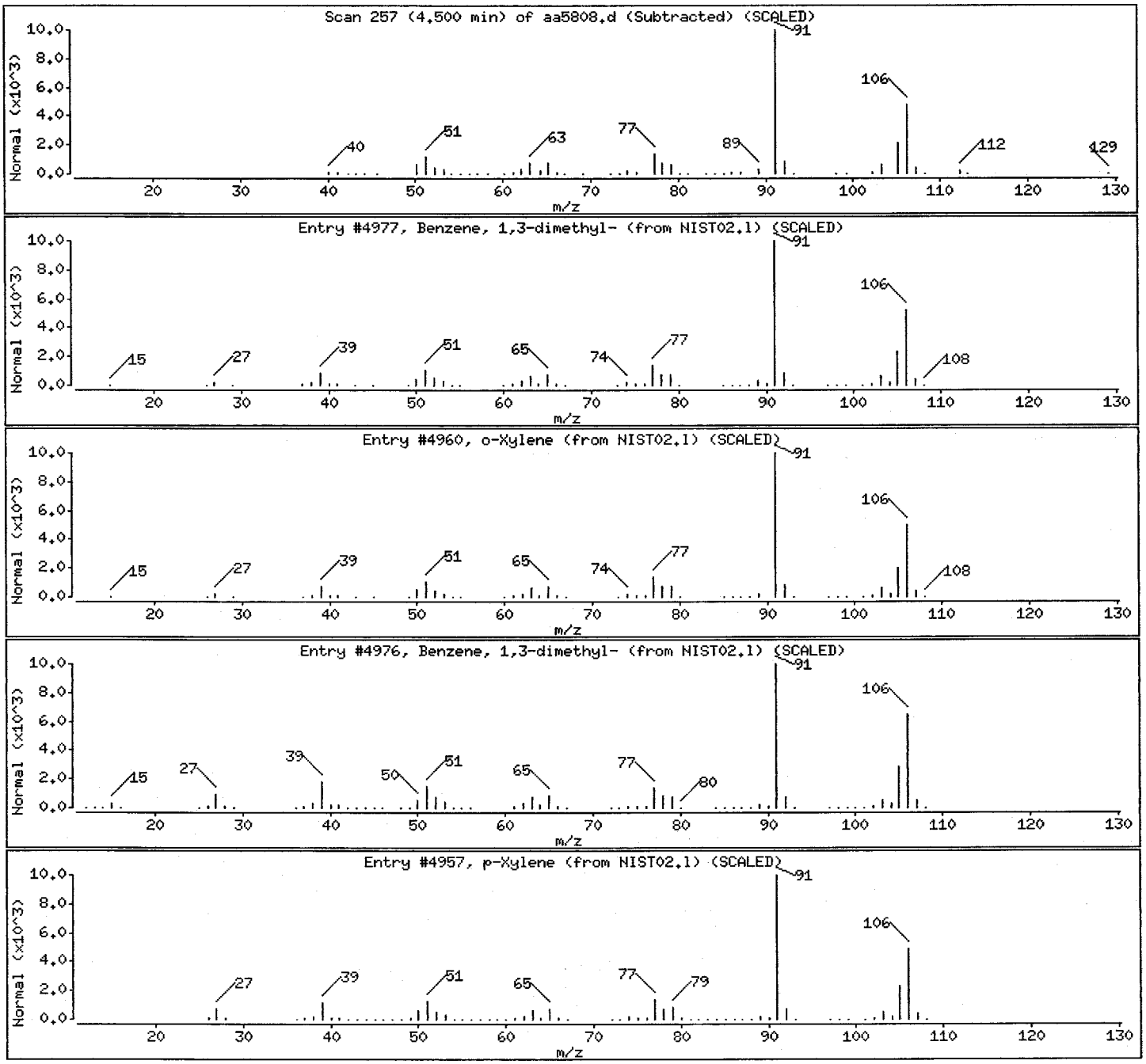
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
Benzene, 1,3-dimethyl-	108-38-3	NIST02.l	4977	94	C8H10	106
o-Xylene	95-47-6	NIST02.l	4960	94	C8H10	106
Benzene, 1,3-dimethyl-	108-38-3	NIST02.l	4976	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4957	94	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

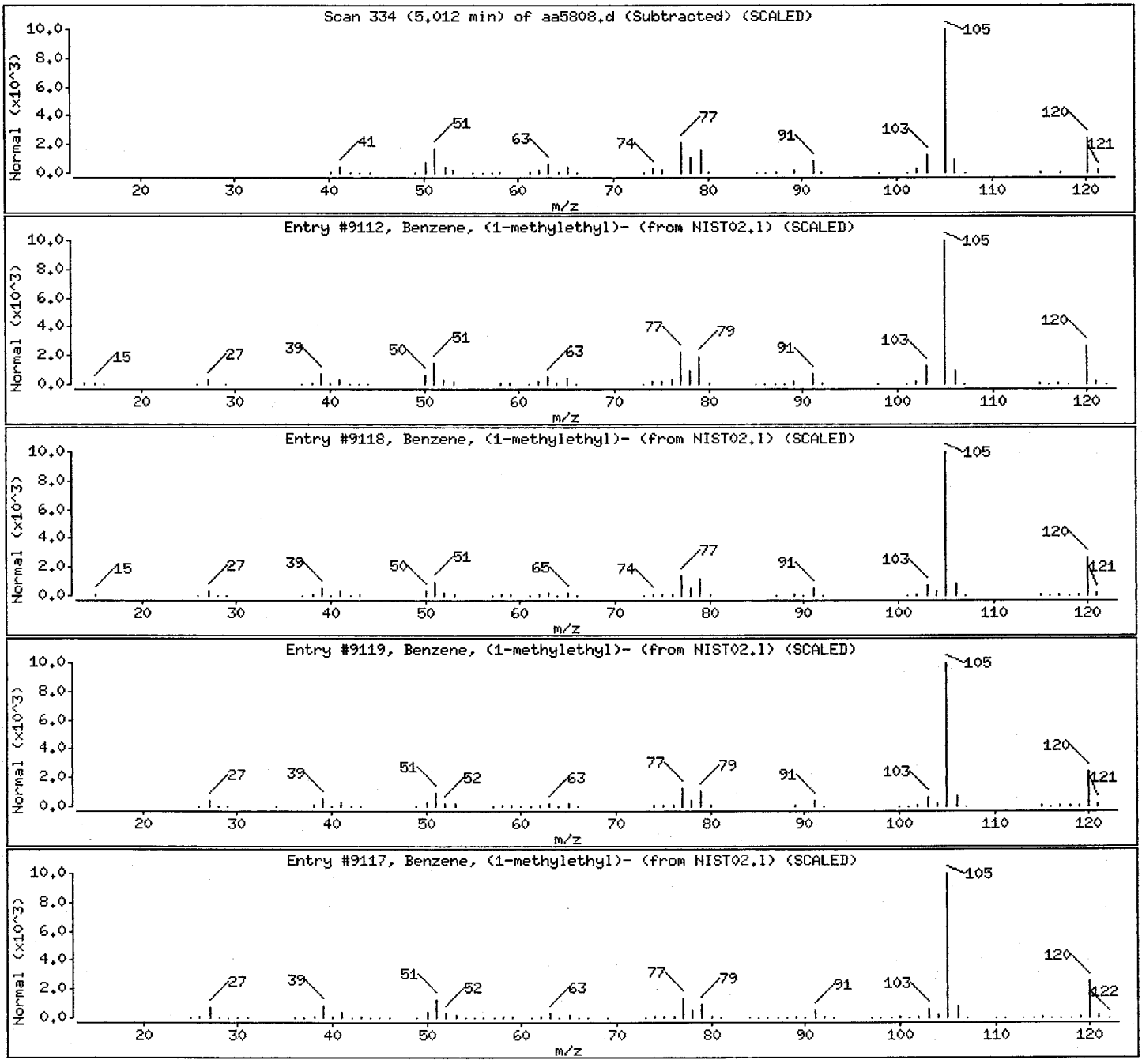
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9112	97	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	91	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	91	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9117	91	C9H12	120



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

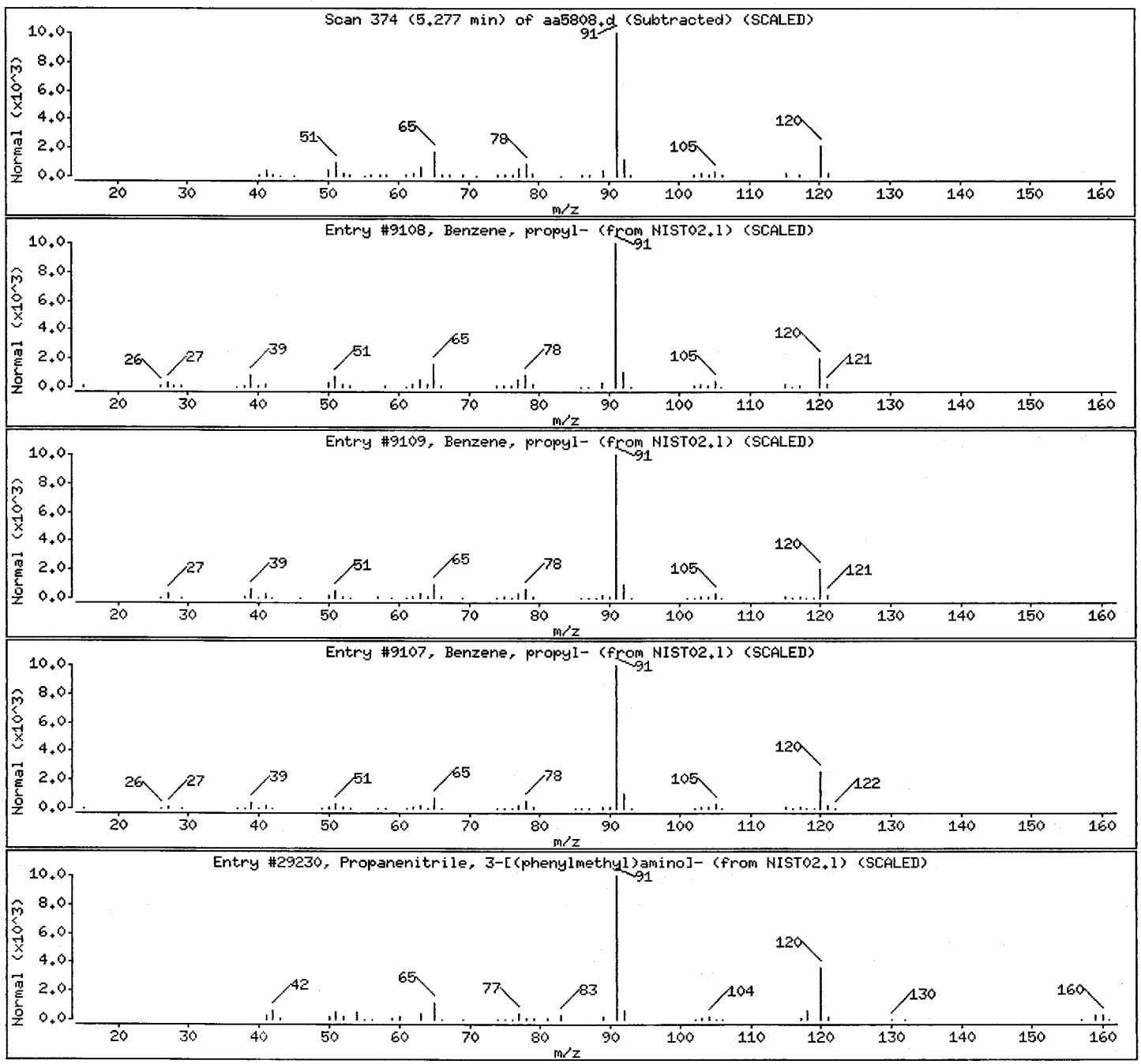
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9108	94	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9109	86	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9107	78	C9H12	120
Propanenitrile, 3-[(phenylmethyl)aminol-	706-03-6	NIST02.l	29230	72	C10H12N2	160



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

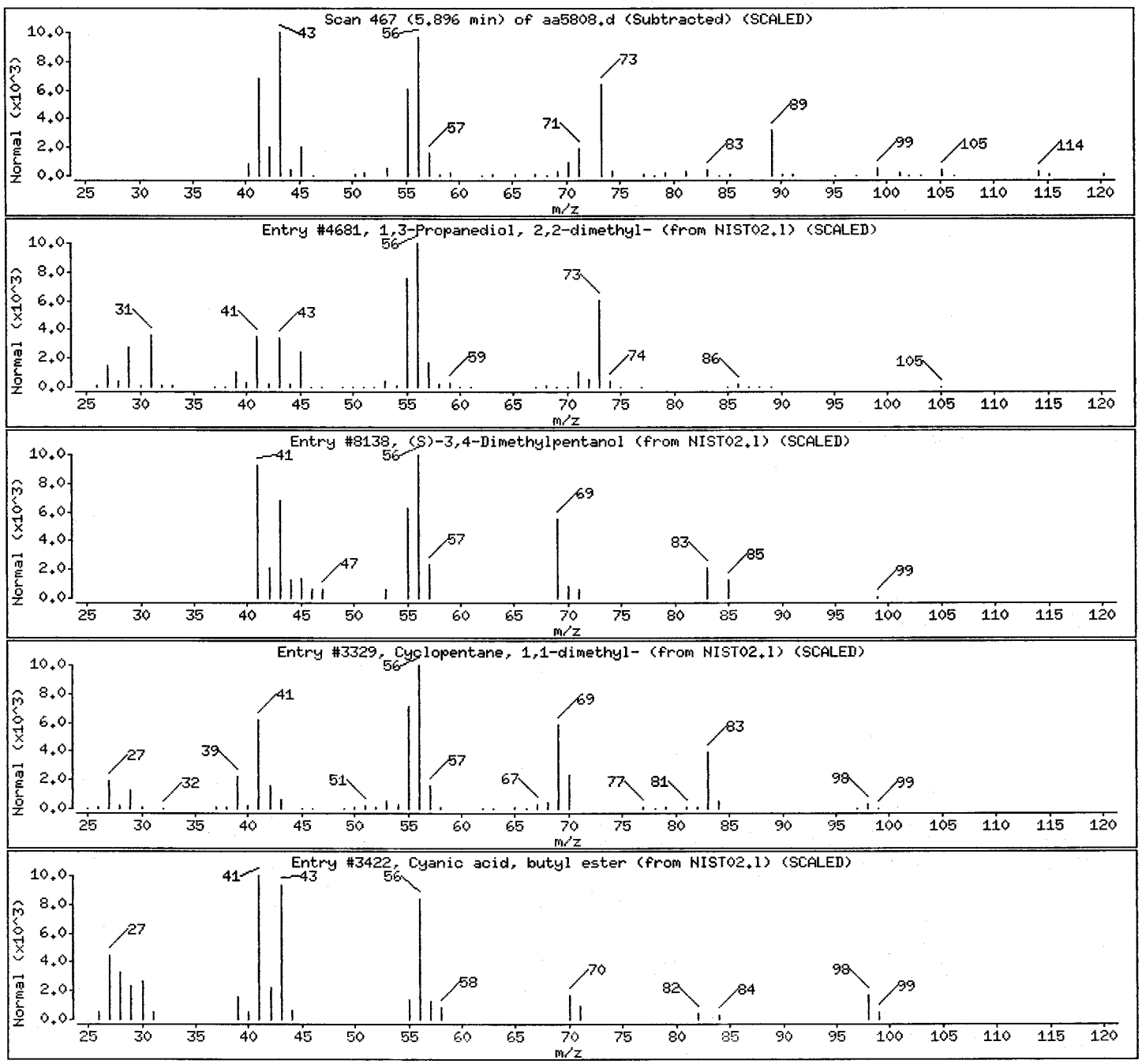
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033:4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,3-Propanediol, 2,2-dimethyl-	126-30-7	NIST02.l	4681	47	C5H12O2	104
(S)-3,4-Dimethylpentanol	1000143-83-9	NIST02.l	8138	40	C7H16O	116
Cyclopentane, 1,1-dimethyl-	1638-26-2	NIST02.l	3329	38	C7H14	98
Cyanic acid, butyl ester	1768-24-7	NIST02.l	3422	38	C5H9NO	99



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

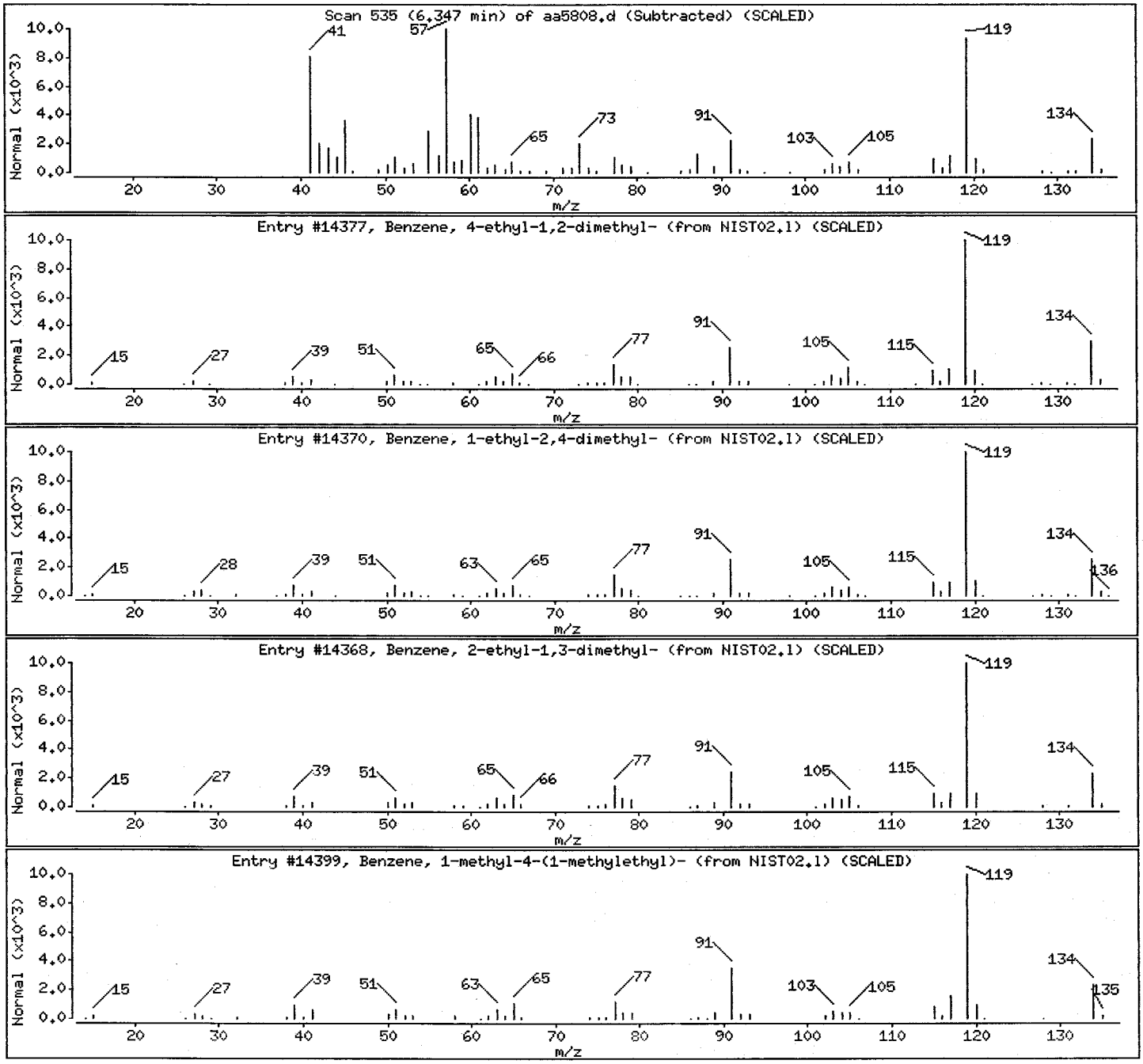
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	94	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	94	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14368	94	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.l	14399	84	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

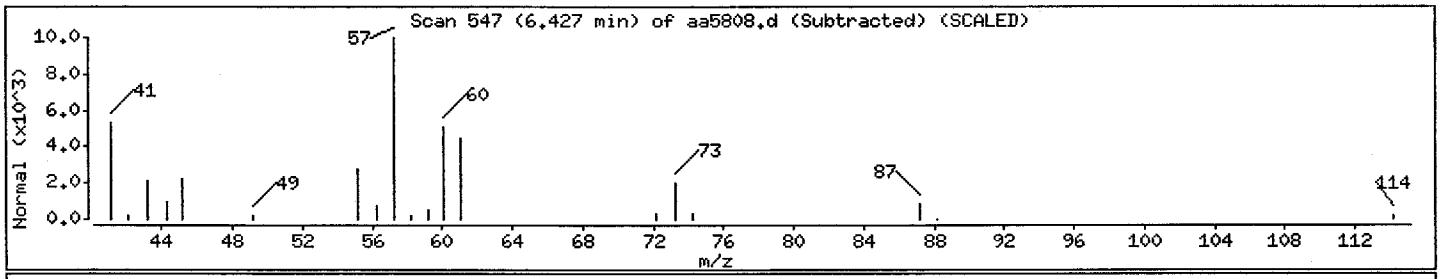
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

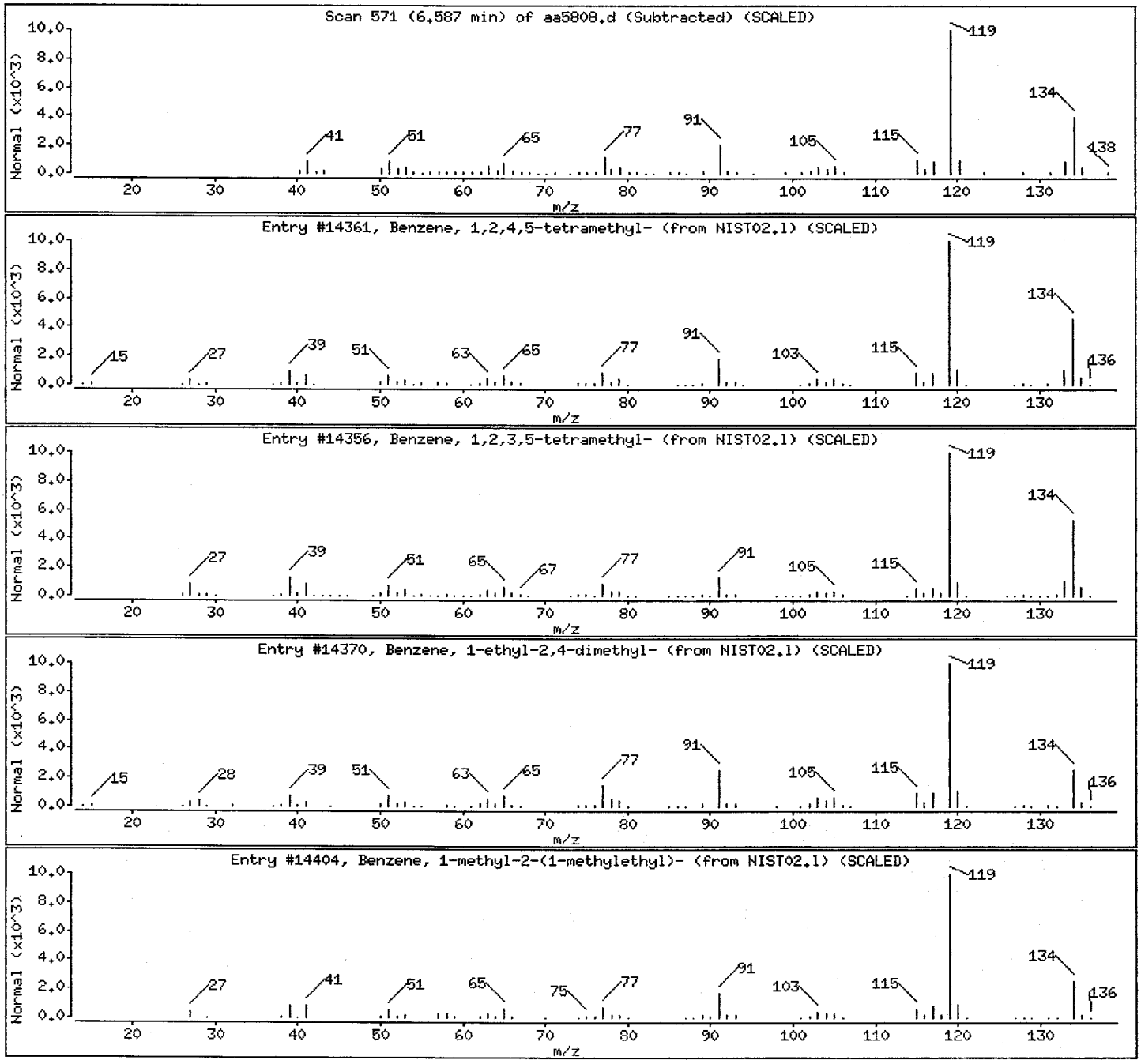
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	95	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14404	94	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

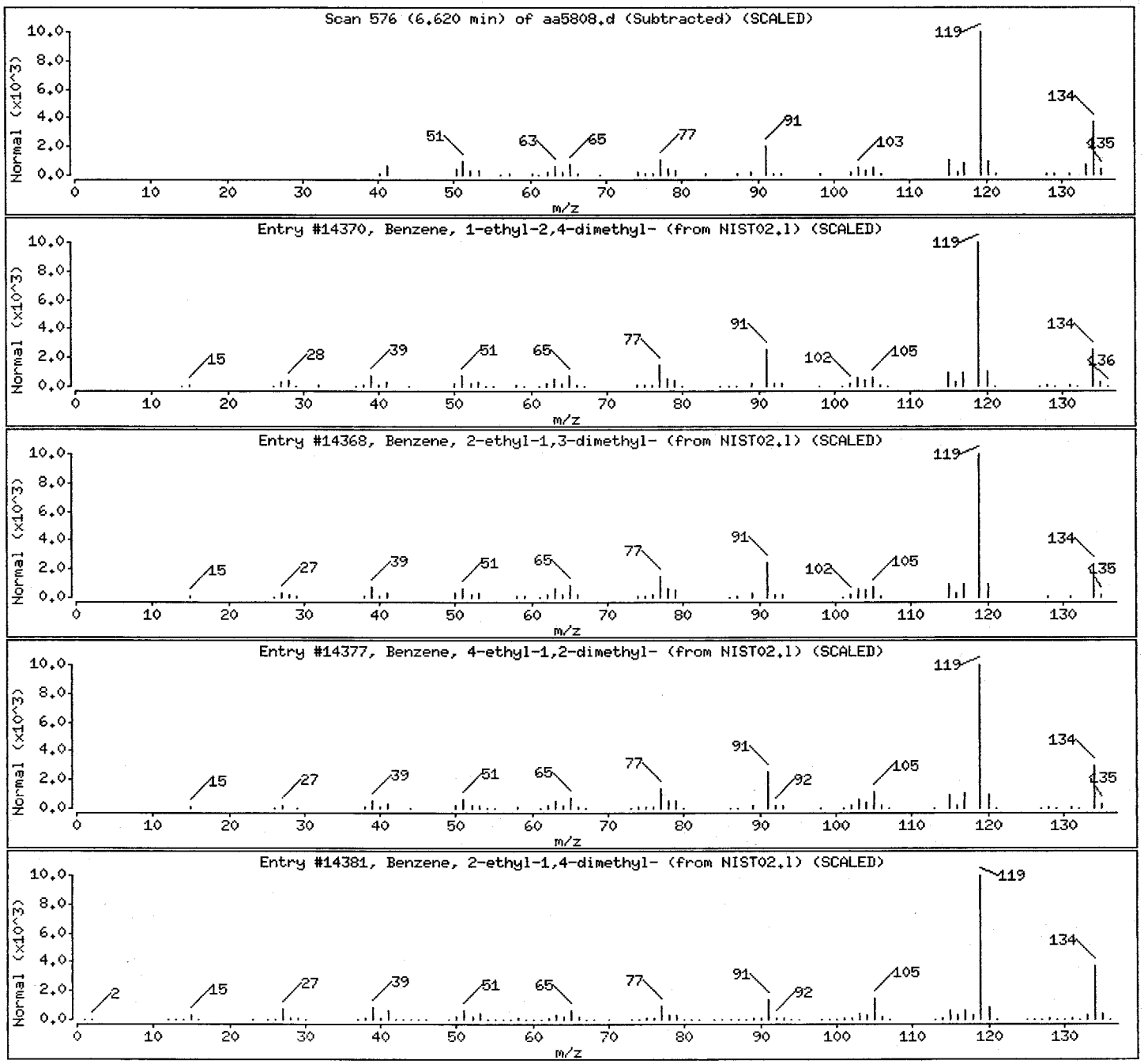
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	93	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14368	93	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	90	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14381	90	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

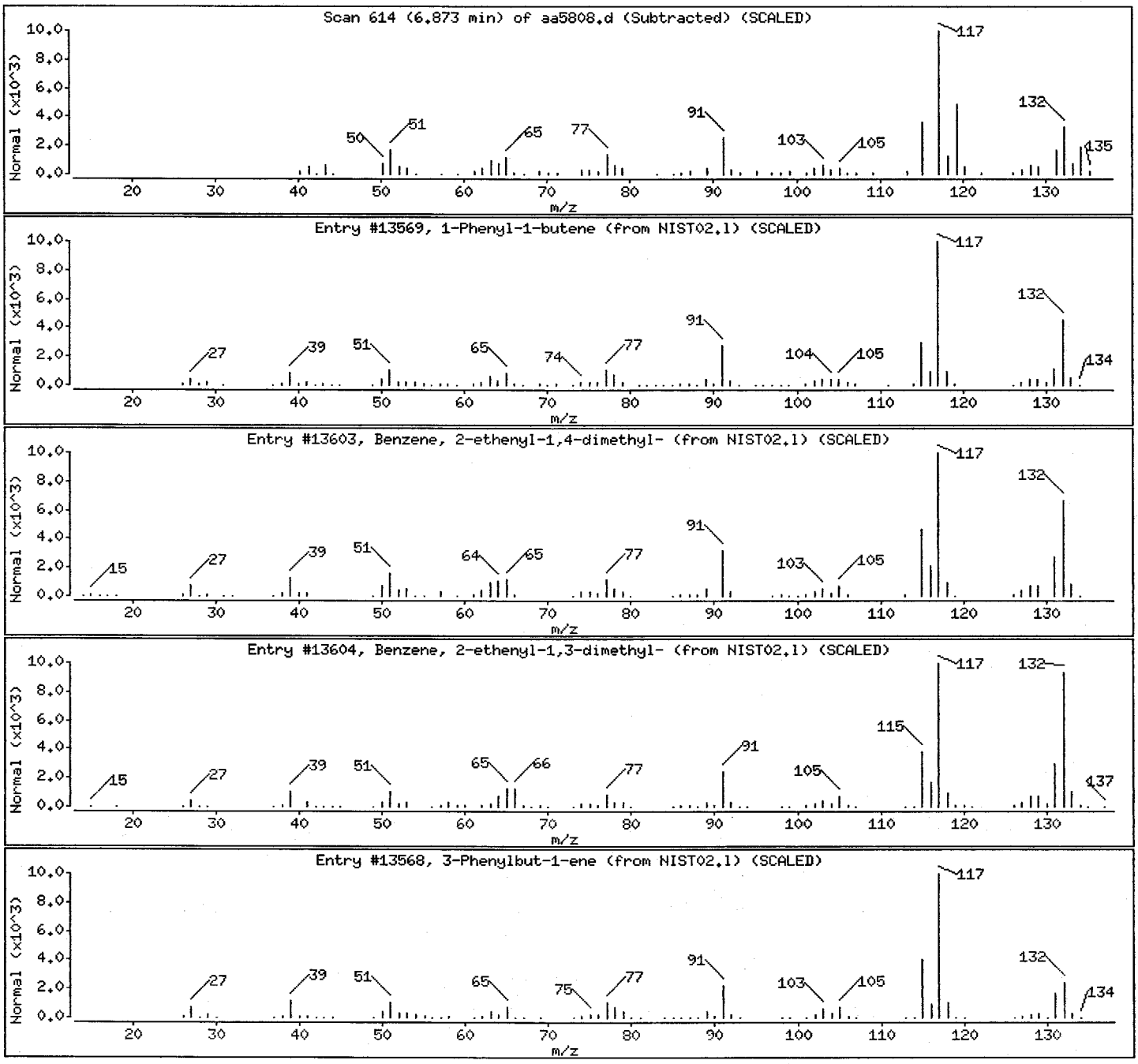
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	86	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	86	C10H12	132
Benzene, 2-ethenyl-1,3-dimethyl-	2039-90-9	NIST02.l	13604	70	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	70	C10H12	132



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

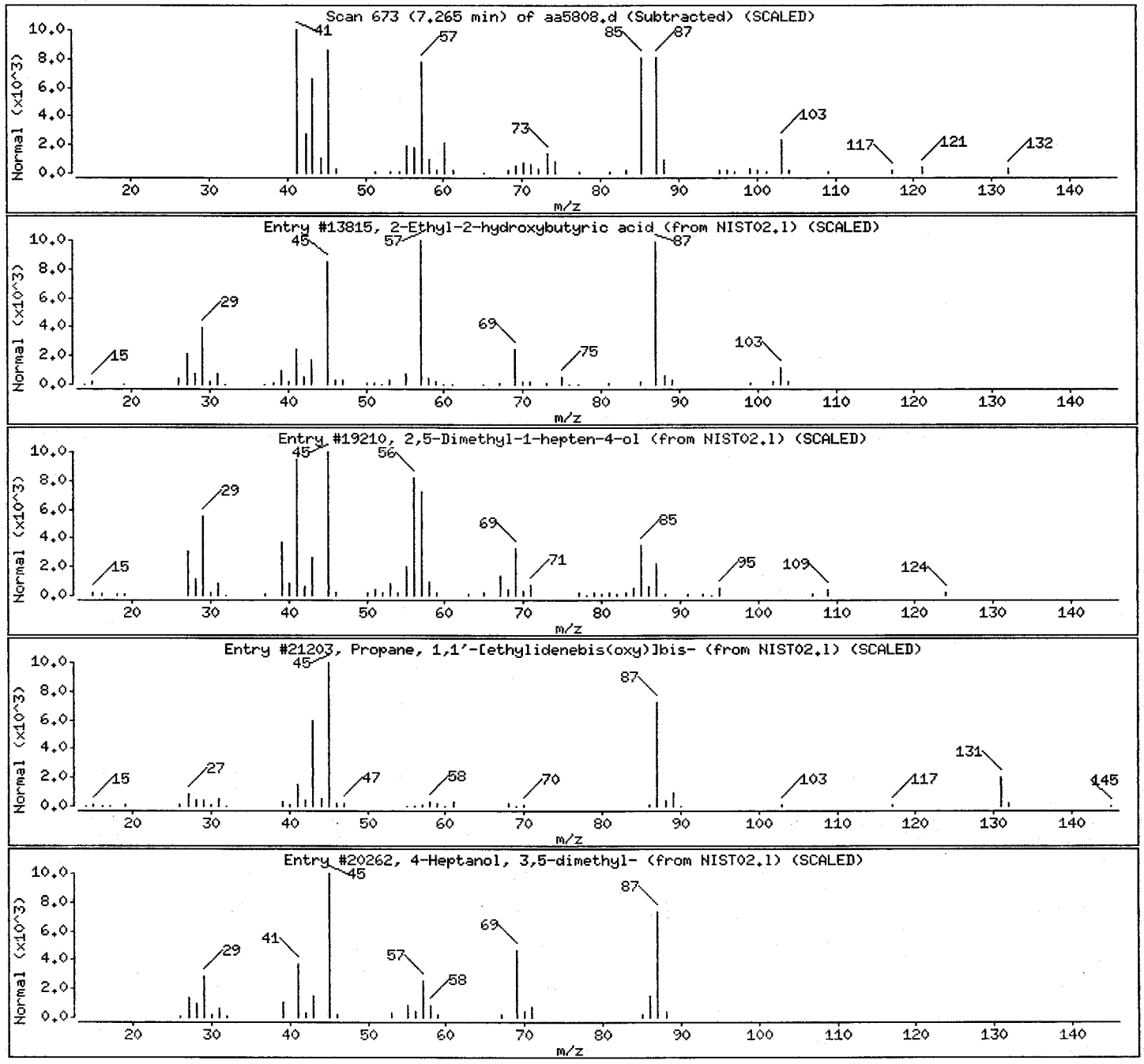
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033:4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Ethyl-2-hydroxybutyric acid	3639-21-2	NIST02.l	13815	43	C6H12O3	132
2,5-Dimethyl-1-hepten-4-ol	19549-95-2	NIST02.l	19210	38	C9H18O	142
Propane, 1,1'-[ethylidenebis(oxy)]bis-	105-82-8	NIST02.l	21203	38	C8H18O2	146
4-Heptanol, 3,5-dimethyl-	19549-79-2	NIST02.l	20262	32	C9H20O	144



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

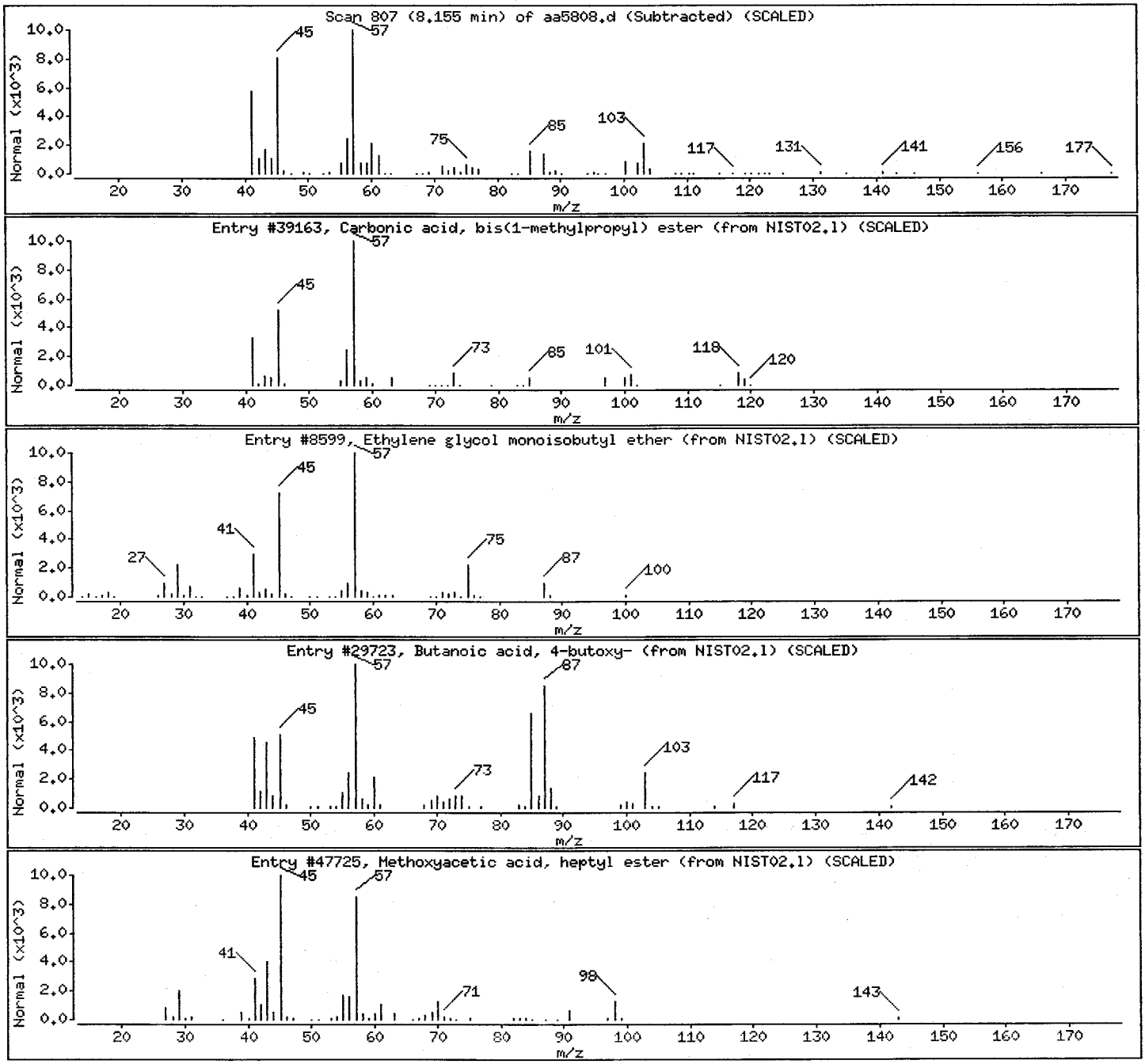
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonic acid, bis(1-methylpropyl) ester	623-63-2	NIST02.l	39163	47	C9H1803	174
Ethylene glycol monoisobutyl ether	4439-24-1	NIST02.l	8599	47	C6H1402	118
Butanoic acid, 4-butoxy-	55724-73-7	NIST02.l	29723	42	C8H1603	160
Methoxyacetic acid, heptyl ester	168920-36-3	NIST02.l	47725	40	C10H2003	188



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

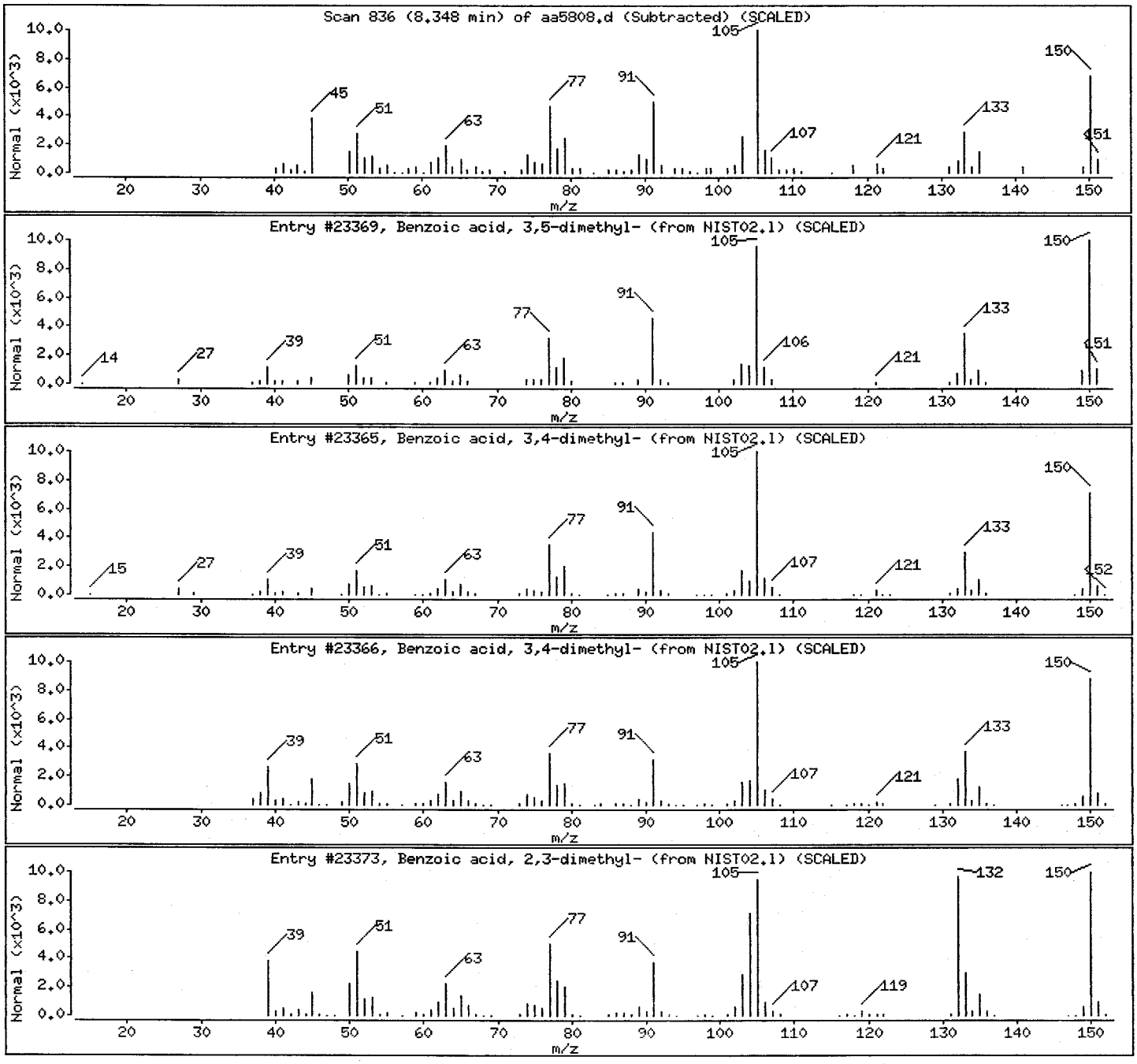
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzoic acid, 3,5-dimethyl-	499-06-9	NIST02.l	23369	70	C9H1002	150
Benzoic acid, 3,4-dimethyl-	619-04-5	NIST02.l	23365	60	C9H1002	150
Benzoic acid, 3,4-dimethyl-	619-04-5	NIST02.l	23366	60	C9H1002	150
Benzoic acid, 2,3-dimethyl-	603-79-2	NIST02.l	23373	58	C9H1002	150



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

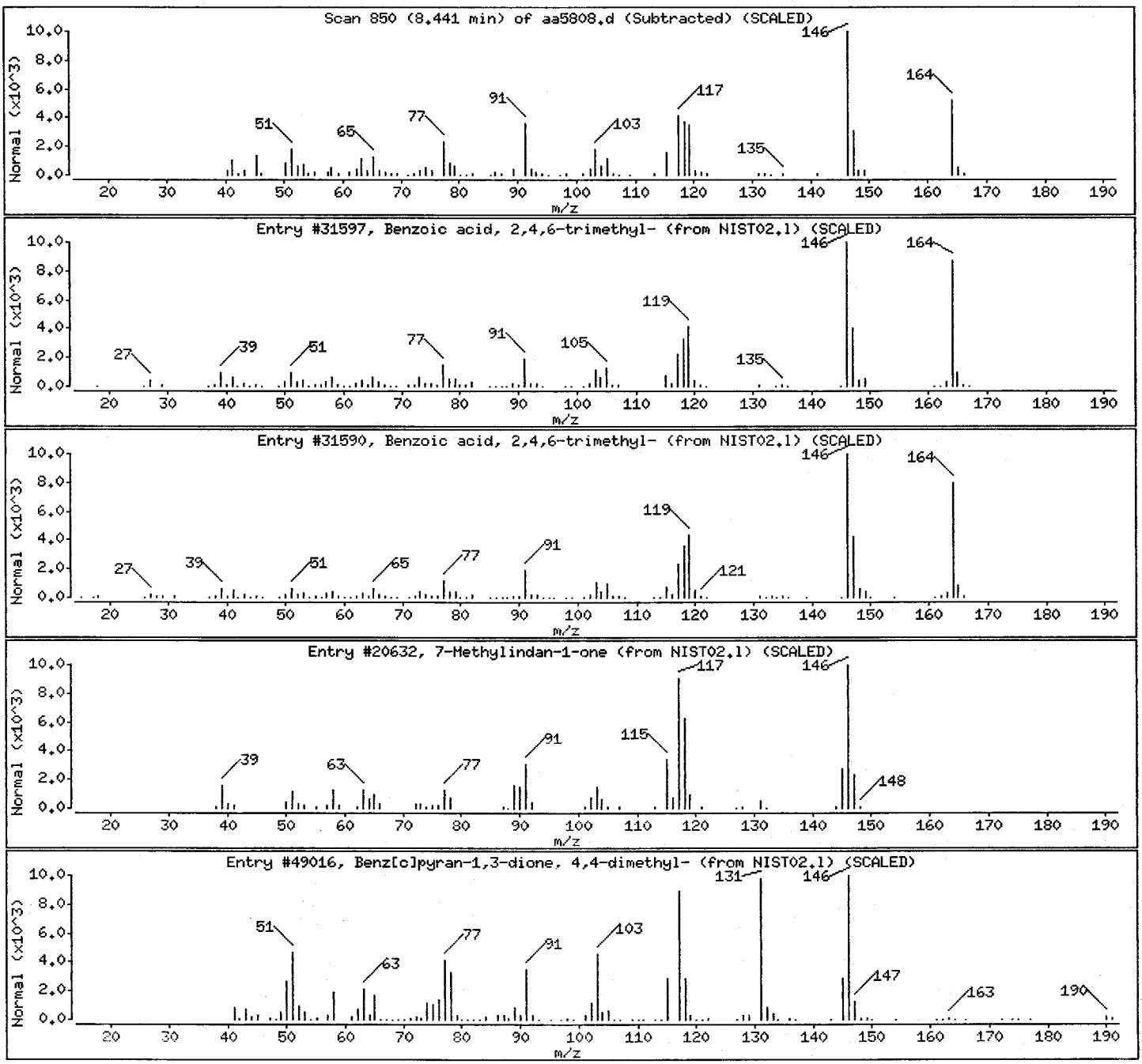
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31597	62	C10H12O2	164
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31590	49	C10H12O2	164
7-Methylindan-1-one	39627-61-7	NIST02.l	20632	47	C10H10O	146
Benz[c]pyran-1,3-dione, 4,4-dimethyl-	31952-55-3	NIST02.l	49016	47	C11H10O3	190



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

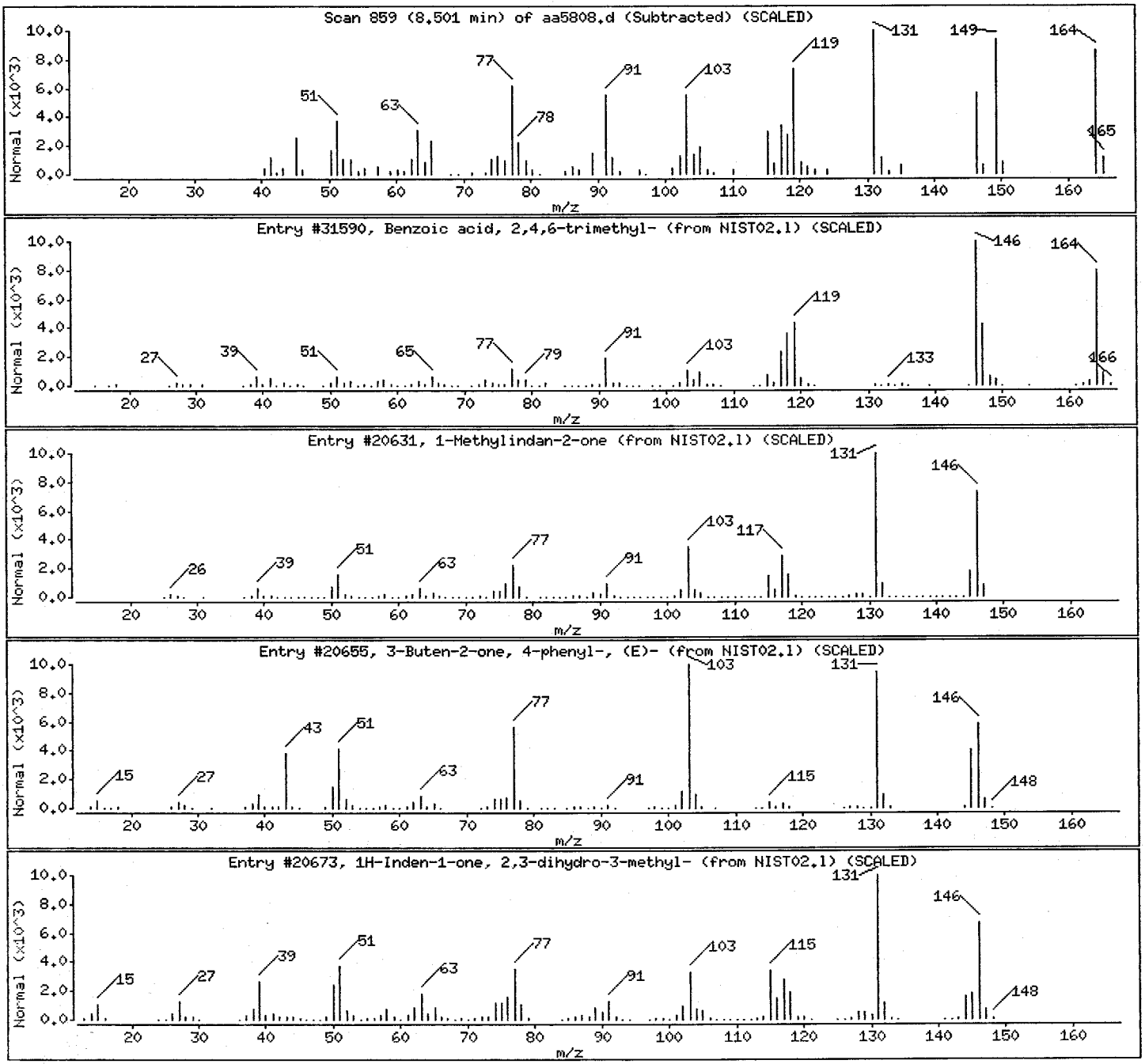
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31590	55	C10H12O2	164
1-Methylindan-2-one	35587-60-1	NIST02.l	20631	52	C10H10O	146
3-Buten-2-one, 4-phenyl-, (E)-	1896-62-4	NIST02.l	20655	47	C10H10O	146
1H-Inden-1-one, 2,3-dihydro-3-methyl-	6072-57-7	NIST02.l	20673	41	C10H10O	146



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

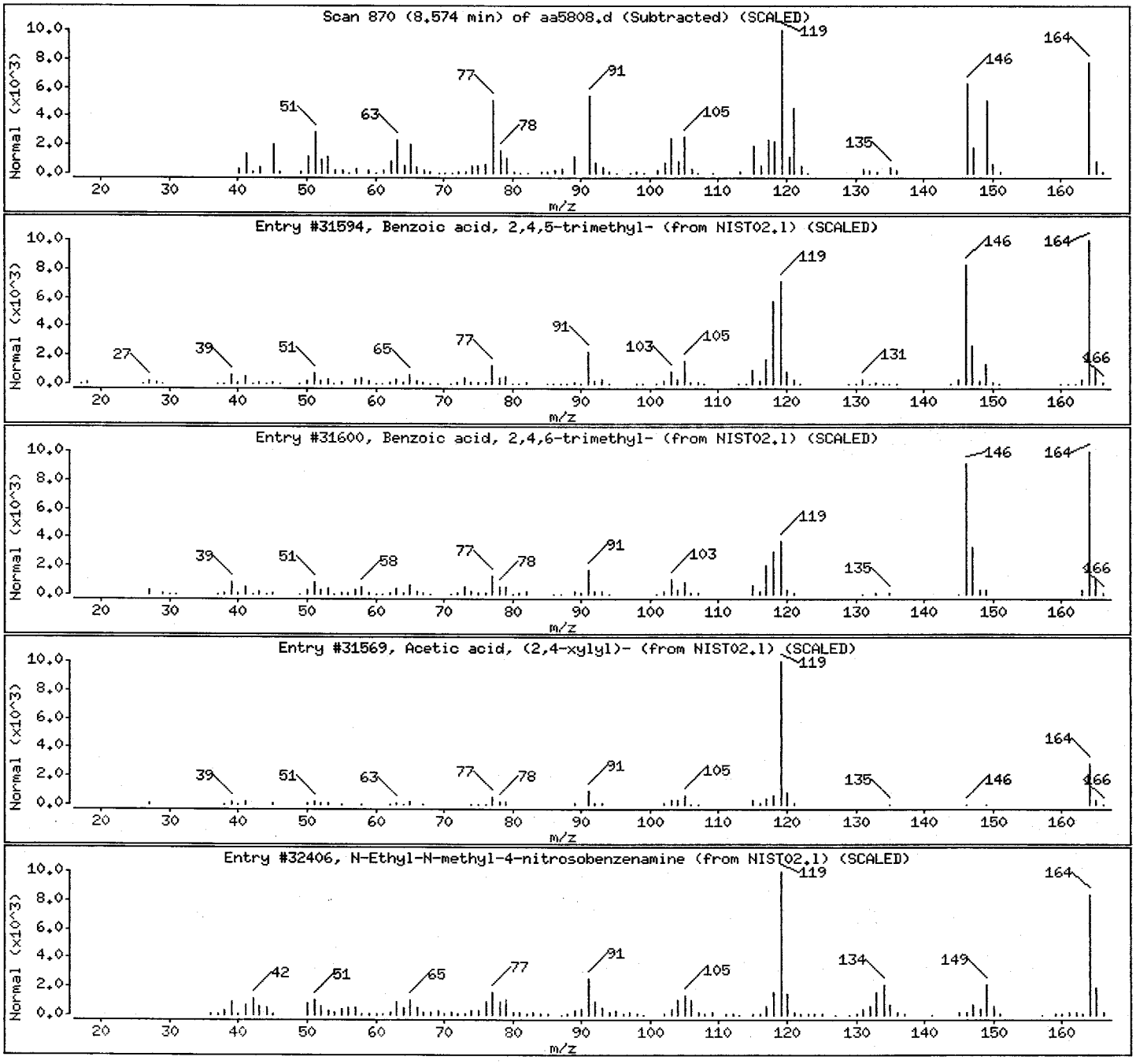
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31594	81	C10H12O2	164
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31600	52	C10H12O2	164
Acetic acid, (2,4-xylyl)-	6331-04-0	NIST02.l	31569	49	C10H12O2	164
N-Ethyl-N-methyl-4-nitrosobenzenamine	36479-98-8	NIST02.l	32406	43	C9H12N2O	164



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

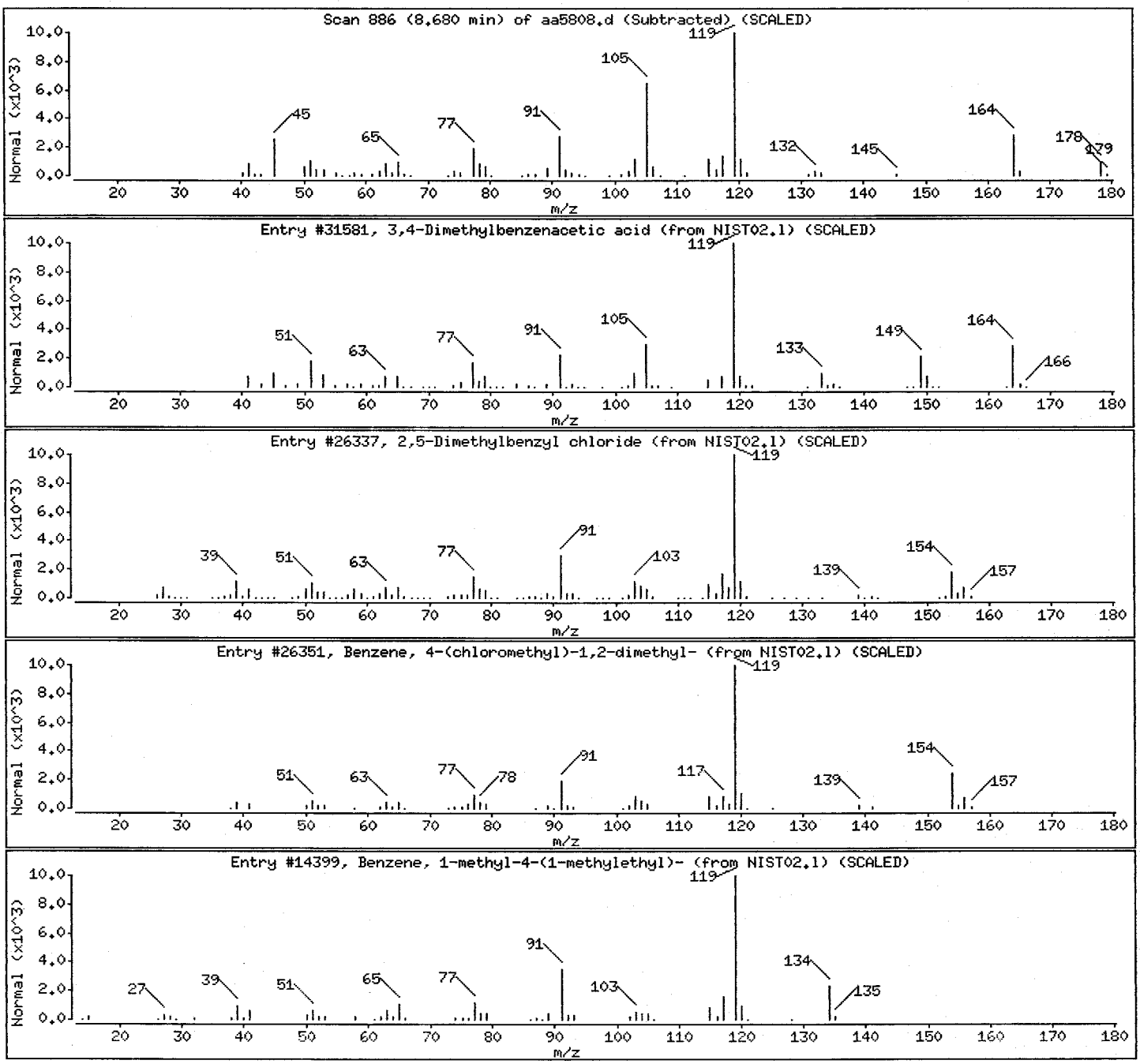
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3,4-Dimethylbenzenacetic acid	17283-16-8	NIST02.l	31581	72	C10H12O2	164
2,5-Dimethylbenzyl chloride	824-45-3	NIST02.l	26337	53	C9H11Cl	154
Benzene, 4-(chloromethyl)-1,2-dimethyl-	102-46-5	NIST02.l	26351	53	C9H11Cl	154
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.l	14399	52	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

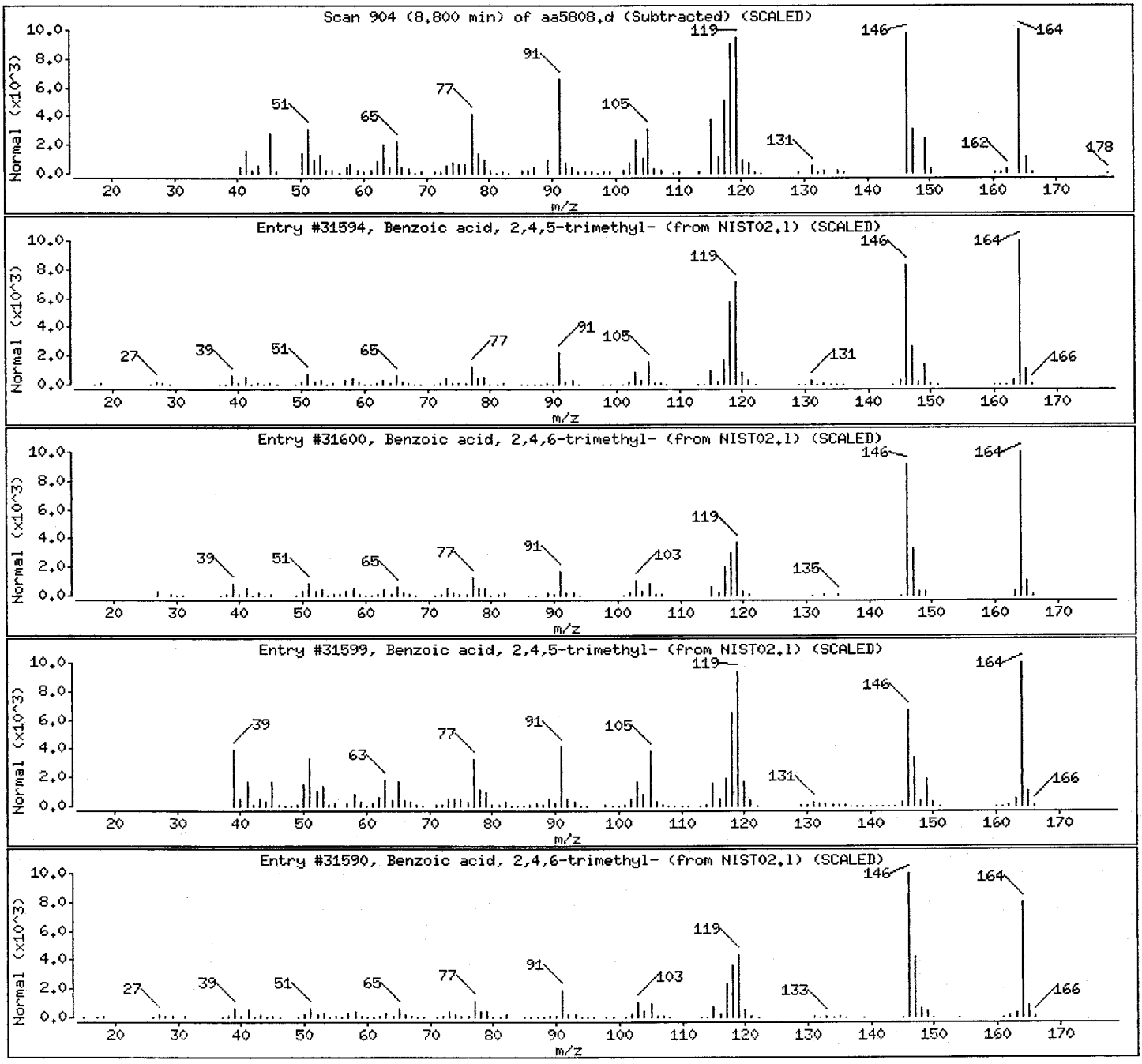
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31594	93	C10H1202	164
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31600	68	C10H1202	164
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31599	68	C10H1202	164
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31590	64	C10H1202	164



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

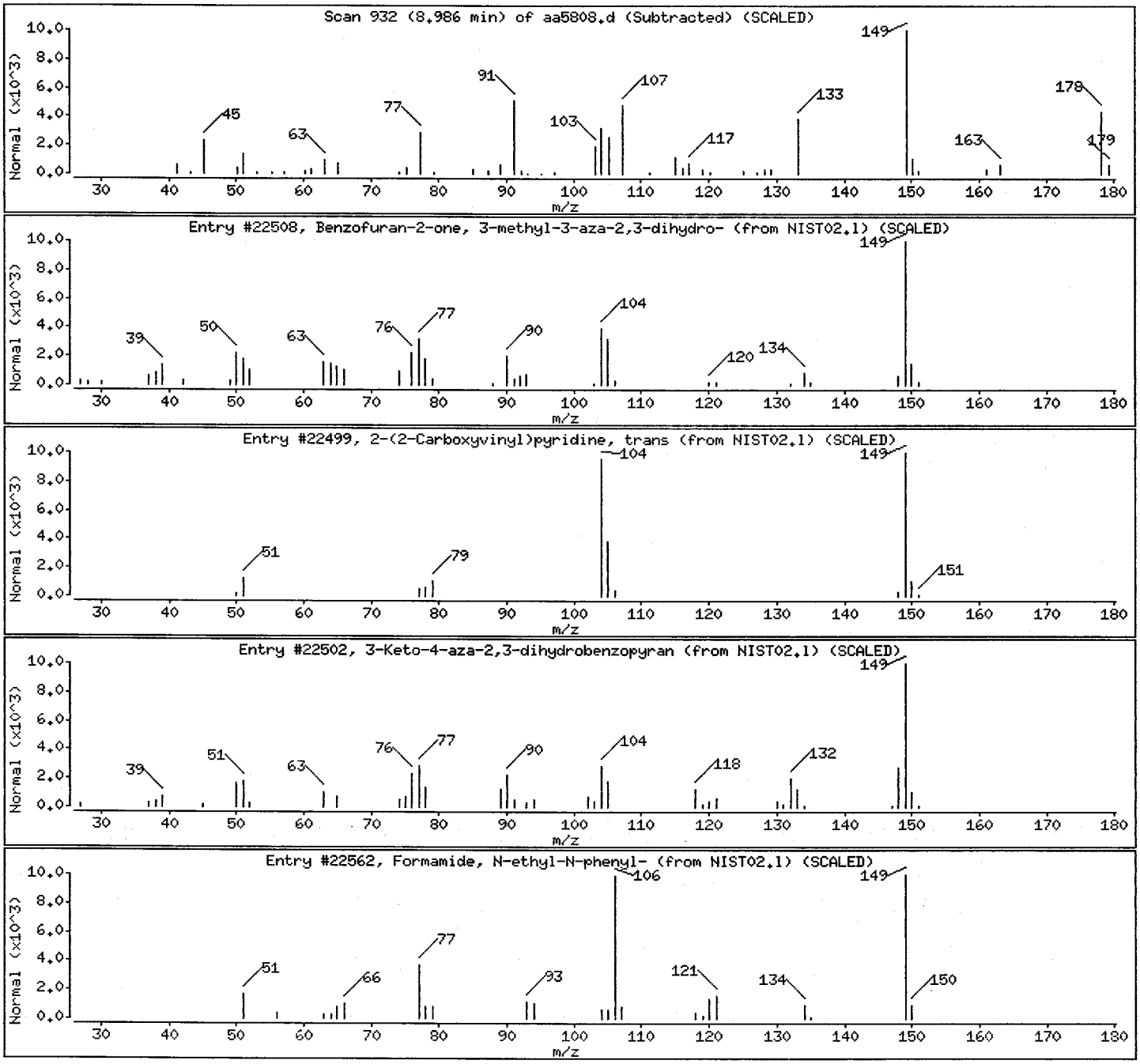
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzofuran-2-one, 3-methyl-3-aza-2,3-dih	1000289-12-2	NIST02.l	22508	38	C8H7NO2	149
2-(2-Carboxyvinyl)pyridine, trans	7340-22-9	NIST02.l	22499	38	C8H7NO2	149
3-Keto-4-aza-2,3-dihydrobenzopyran	1000289-12-0	NIST02.l	22502	37	C8H7NO2	149
Formamide, N-ethyl-N-phenyl-	5461-49-4	NIST02.l	22562	35	C9H11NO	149



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5808.d

Date : 10-AUG-2008 23:06

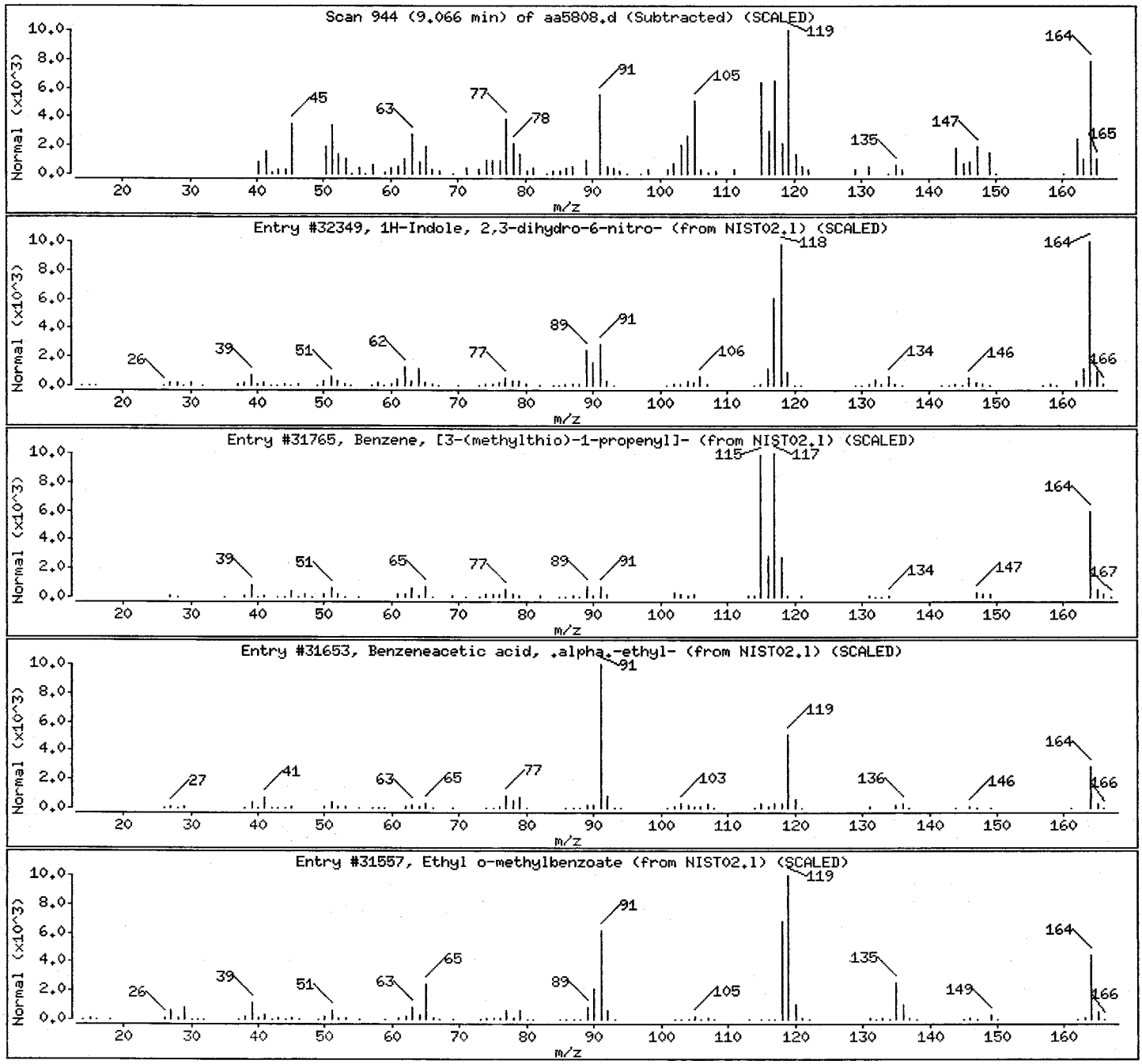
Client ID: 080408-06 Instrument: BNAMS8.i

Sample Info: 940033;4444934

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Indole, 2,3-dihydro-6-nitro-	19727-83-4	NIST02.l	32349	41	C8H8N2O2	164
Benzene, [3-(methylthio)-1-propenyl]-	10276-15-0	NIST02.l	31765	38	C10H12S	164
Benzeneacetic acid, .alpha.-ethyl-	90-27-7	NIST02.l	31653	35	C10H12O2	164
Ethyl o-methylbenzoate	87-24-1	NIST02.l	31557	30	C10H12O2	164



Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5843.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	11 J	20
2-Chlorophenol	ND	20
2-Methylphenol	71	20
4-Methylphenol	360	20
2-Nitrophenol	ND	20
2,4-Dimethylphenol	180	20
2,4-Dichlorophenol	ND	20
4-Chloro-3-methylphenol	ND	20
2,4,6-Trichlorophenol	ND	20
2,4,5-Trichlorophenol	ND	20
2,4-Dinitrophenol	ND	61
4-Nitrophenol	ND	61
4,6-Dinitro-2-methylphenol	ND	61
Pentachlorophenol	ND	61
bis(2-Chloroethyl)ether	ND	2.0
bis(2-chloroisopropyl)ether	ND	20
N-Nitroso-di-n-propylamine	ND	2.0
Hexachloroethane	ND	2.0
Nitrobenzene	ND	2.0
Isophorone	ND	20
bis(2-Chloroethoxy)methane	ND	20
Naphthalene	ND	20
4-Chloroaniline	ND	20
Hexachlorobutadiene	ND	4.0
2-Methylnaphthalene	ND	20
Hexachlorocyclopentadiene	ND	20
2-Chloronaphthalene	ND	20
2-Nitroaniline	ND	40
Dimethylphthalate	ND	20
Acenaphthylene	ND	20
2,6-Dinitrotoluene	ND	4.0
3-Nitroaniline	ND	40
Acenaphthene	ND	20
Dibenzofuran	ND	20

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5843.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	4.0
Diethylphthalate	ND	20
4-Chlorophenyl-phenylether	ND	20
Fluorene	ND	20
4-Nitroaniline	ND	40
N-Nitrosodiphenylamine	ND	20
4-Bromophenyl-phenylether	ND	20
Hexachlorobenzene	ND	2.0
Phenanthrene	ND	20
Anthracene	ND	20
Carbazole	ND	20
Di-n-butylphthalate	ND	20
Fluoranthene	ND	20
Pyrene	ND	20
Butylbenzylphthalate	ND	20
3,3'-Dichlorobenzidine	ND	40
Benzo(a)anthracene	ND	2.0
Chrysene	ND	20
bis(2-Ethylhexyl)phthalate	ND	20
Di-n-octylphthalate	ND	20
Benzo(b)fluoranthene	ND	2.0
Benzo(k)fluoranthene	ND	2.0
Benzo(a)pyrene	ND	2.0
Indeno(1,2,3-cd)pyrene	ND	2.0
Dibenz(a,h)anthracene	ND	2.0
Benzo(g,h,i)perylene	ND	20
Diphenyl	ND	20
Acetophenone	6.9J	20
Benzaldehyde	ND	20
Caprolactam	ND	20
Atrazine	ND	20

Client ID: **080508-07**
Site: GM Wilmington-17338

Lab Sample No: **940360**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5843.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Methyl Isobutyl Ketone	3.15	230	
2. 2-Pentanol, 4-methyl-	3.32	120	
3. Toluene	3.43	13000	
4. Butanoic acid	3.82	400	
5. Unknown	4.12	160	
6. Ethylbenzene	4.39	5200	
7. Xylene isomer	4.48	5400	
8. Xylene isomer	4.69	3400	
9. Hexanoic acid	5.45	290	
10. Unknown Organic Acid	5.48	150	
11. Unknown	6.12	270	
12. Unknown	6.37	480	
13. Unknown	6.74	38	
14. Unknown	6.79	120	
15. Dimethylphenol isomer	6.88	42	
16. Unknown	7.24	86	
17. Benzeneacetic acid	7.36	250	
18. Methylbenzoic acid isomer	7.45	52	
19. Methylbenzoic acid isomer	7.52	84	
20. 1H-Inden-1-one, 2,3-dihydro-	7.68	69	
21. Unknown	7.89	33	
22. Unknown	8.25	7900	
23. Unknown	8.52	41	
24. Unknown	8.55	40	
25. Unknown	8.66	31	
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	37886

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d
Report Date: 23-Aug-2008 12:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d
Lab Smp Id: 940360 Client Smp ID: 080508-07
Inj Date : 12-AUG-2008 14:30
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940360;4447051
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/8270Cdel_08.m
Meth Date : 23-Aug-2008 12:26 rusin Quant Type: ISTD
Cal Date : 12-AUG-2008 10:32 Cal File: aa5834.d
Als bottle: 10
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

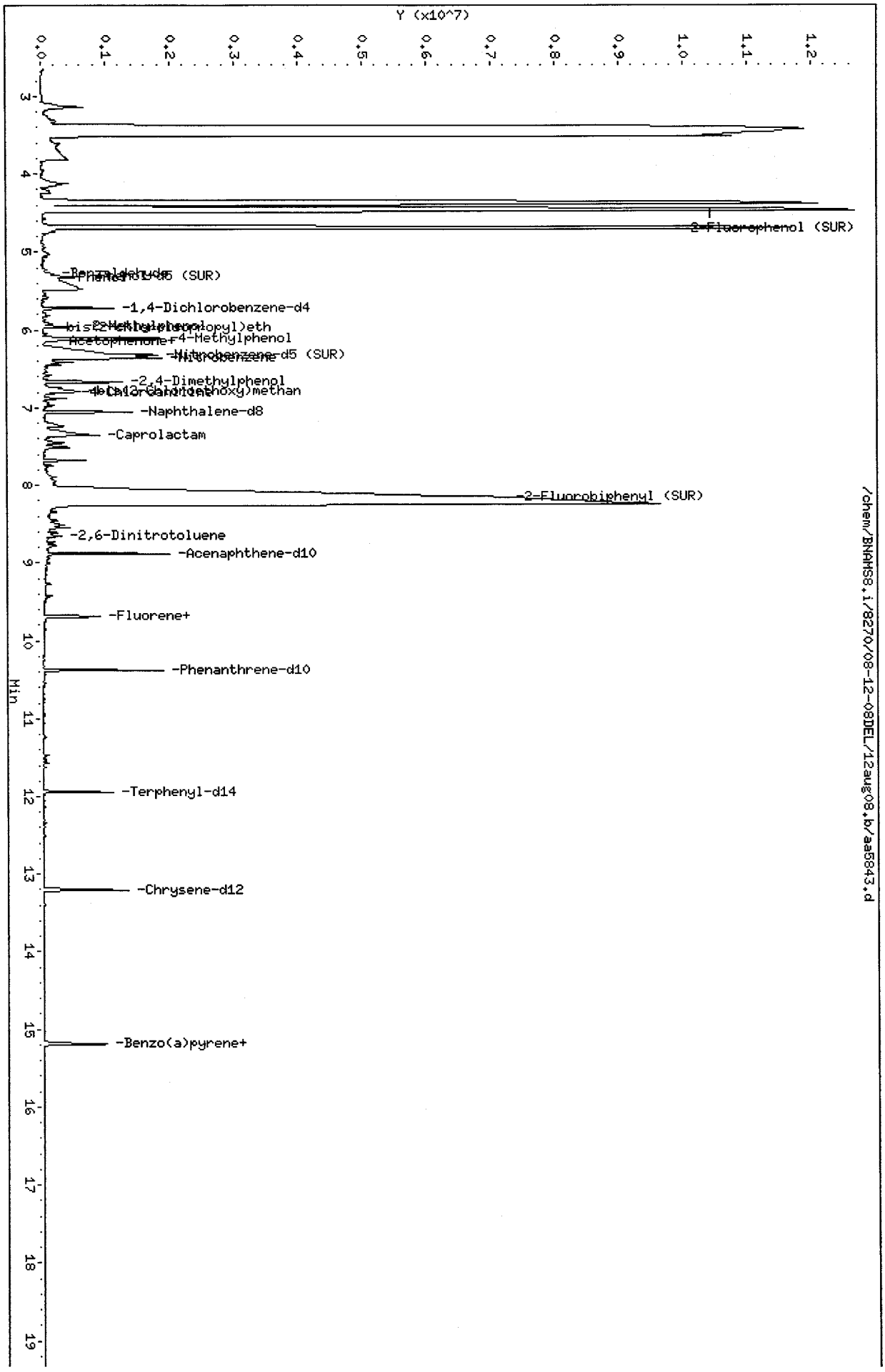
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.442	4.393	(0.777)	116375	28.7420	120
110 Benzaldehyde	77	5.280	5.276	(0.923)	14387	4.16030	17(a)
$ 17 Phenol-d5 (SUR)	99	5.319	5.310	(0.930)	90795	17.4635	70
1 Phenol	94	5.333	5.323	(0.933)	15116	2.67494	11(a)
* 79 1,4-Dichlorobenzene-d4	152	5.718	5.715	(1.000)	151616	40.0000	
3 2-Methylphenol	108	5.957	5.954	(1.042)	72005	17.5205	71
24 bis(2-chloroisopropyl)ether	45	5.971	6.001	(1.044)	2603	0.32836	1.3(a)
4 4-Methylphenol	108	6.110	6.101	(1.069)	393569	89.7931	360
104 Acetophenone	105	6.144	6.147	(1.074)	13388	1.70522	6.9(a)
25 N-Nitroso-di-n-propylamine	70	6.144	6.147	(1.074)	3611	0.84441	3.4
$ 76 Nitrobenzene-d5 (SUR)	82	6.323	6.320	(0.896)	168645	24.9722	100
27 Nitrobenzene	77	6.370	6.340	(0.902)	6077	0.67002	2.7
6 2,4-Dimethylphenol	122	6.669	6.659	(0.944)	199148	43.3234	180
29 bis(2-Chloroethoxy)methane	93	6.788	6.759	(0.961)	4978	0.83168	3.4(a)
* 80 Naphthalene-d8	136	7.061	7.058	(1.000)	587655	40.0000	

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d
Report Date: 23-Aug-2008 12:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
32 4-Chloroaniline	127	6.802	7.124	(0.963)	873	0.15925	0.64(a)
111 Caprolactam	113	7.360	7.463	(1.042)	242	0.14820	0.60(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.151	8.148	(0.918)	233508	20.7326	84(M)
40 2,6-Dinitrotoluene	165	8.656	8.673	(0.975)	2675	0.07013	3.5(a)
* 82 Acenaphthene-d10	164	8.882	8.879	(1.000)	405445	40.0000	
47 Fluorene	166	9.693	9.410	(1.091)	4090	0.34452	1.4(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.693	9.683	(1.091)	87084	49.3759	200
50 4-Bromophenyl phenylether	248	9.693	9.876	(0.933)	6365	1.97031	8.0(a)
* 83 Phenanthrene-d10	188	10.384	10.374	(1.000)	643313	40.0000	
$ 78 Terphenyl-d14	244	11.939	11.936	(0.904)	299974	25.7775	100
* 81 Chrysene-d12	240	13.209	13.212	(1.000)	594641	40.0000	
67 Benzo(a)pyrene	252	15.189	15.199	(1.000)	2046	0.13104	0.53(a)
* 84 Perylene-d12	264	15.189	15.199	(1.000)	535592	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d
Date : 12-AUG-2008 14:30
Client ID: 080508-07
Sample Info: 940360;4447051
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d
Y (x10^7)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
Min
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
2-Fluorophenol (SUR)
-1,4-Dichlorobenzene-d4
4-Methylphenol
-Nitrobenzene-d5 (SUR)
-2,4-Dimethylphenol
-Naphthalene-d8
-Caprolactam
2-Fluorobiphenyl (SUR)
-2,6-Dinitrotoluene
-Acenaphthene-d10
-Fluorene+
-Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Benzo(a)pyrene+

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07 Instrument: BNAMS8.i

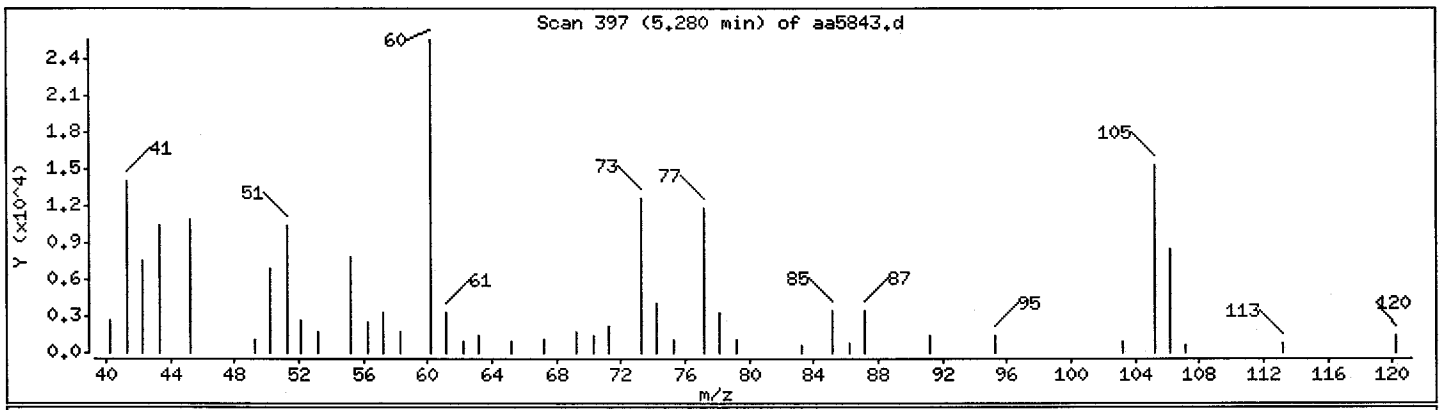
Sample Info: 940360:4447051

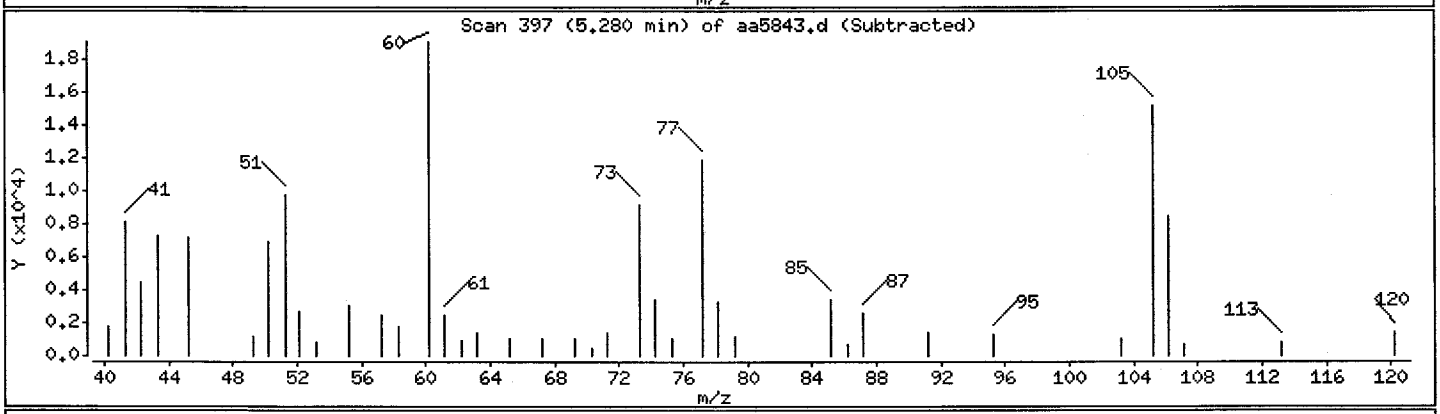
Volume Injected (uL): 1.0 Operator: BNAMS 4

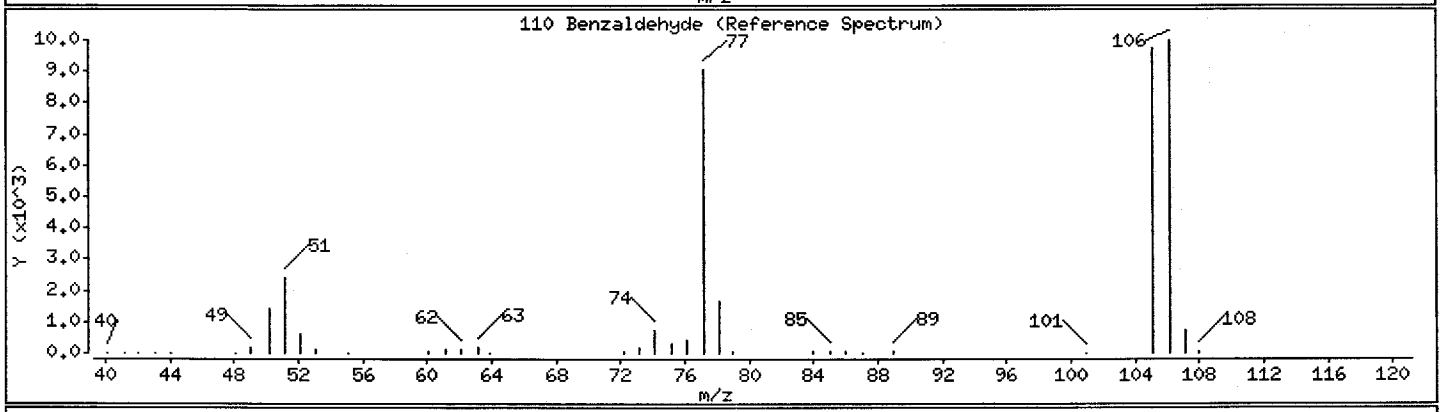
Column phase: DB-5 Column diameter: 0.25

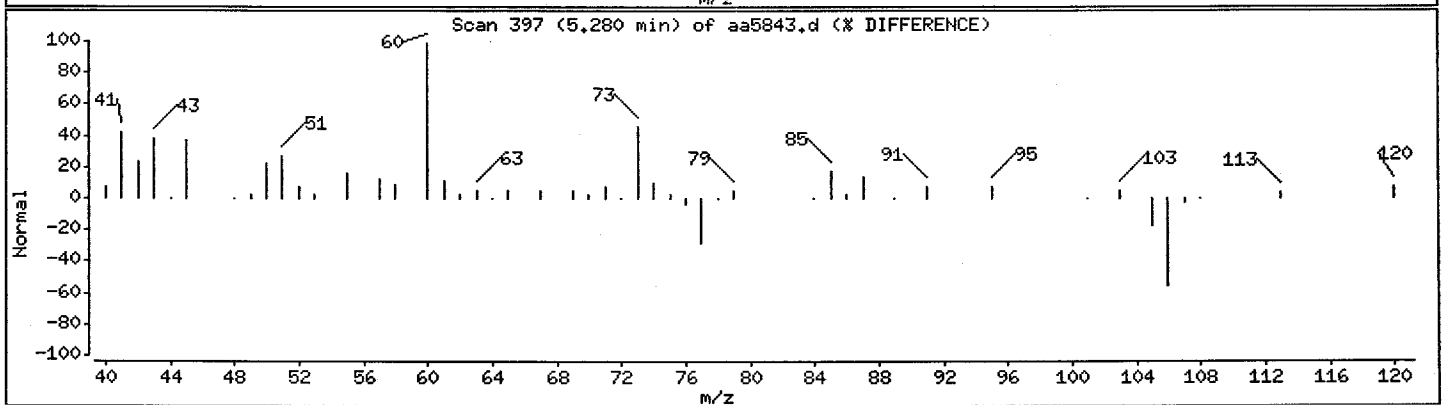
False Pos.

110 Benzaldehyde Concentration: 17 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

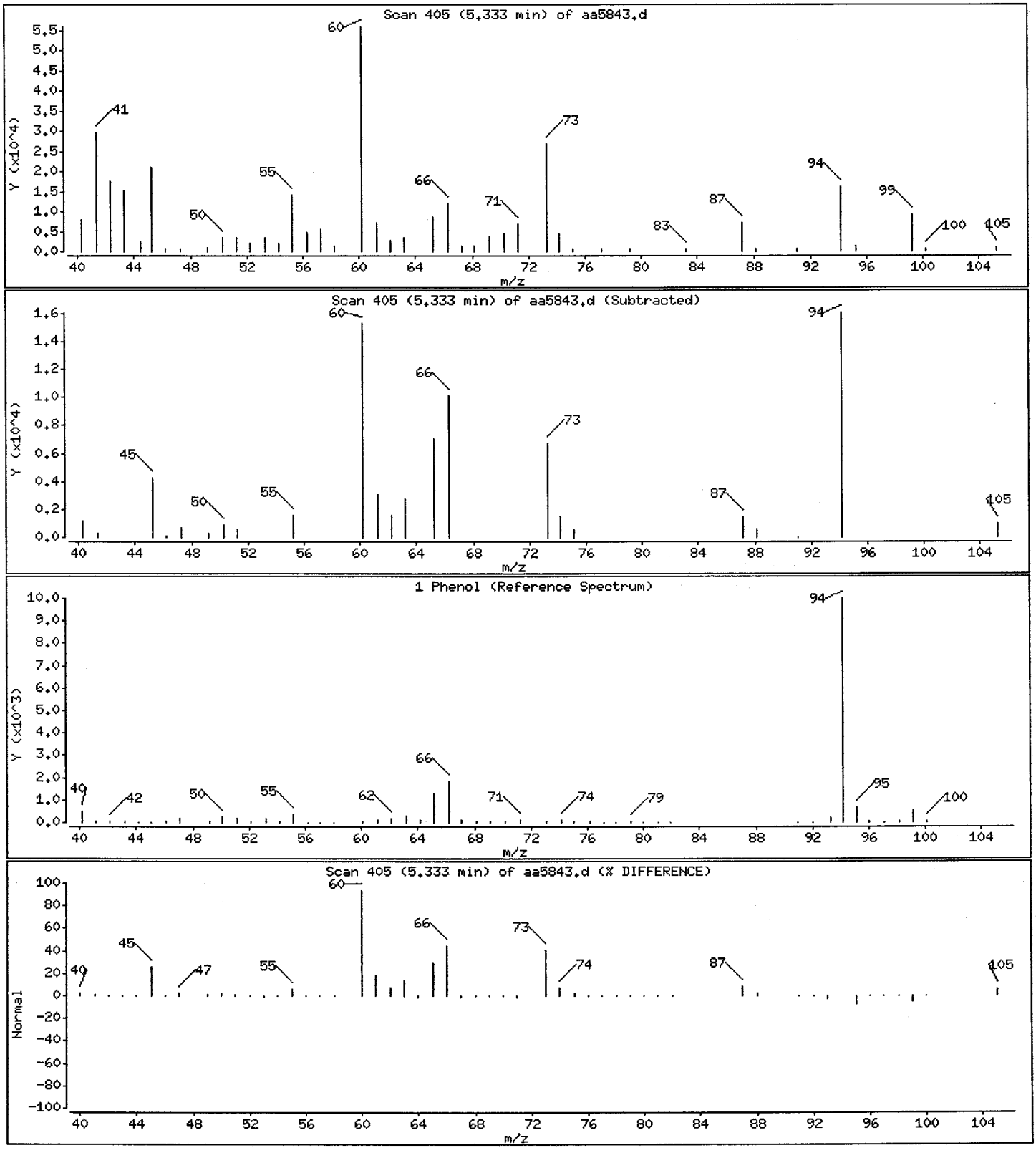
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

1 Phenol Concentration: 11 ug/L



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07

Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0

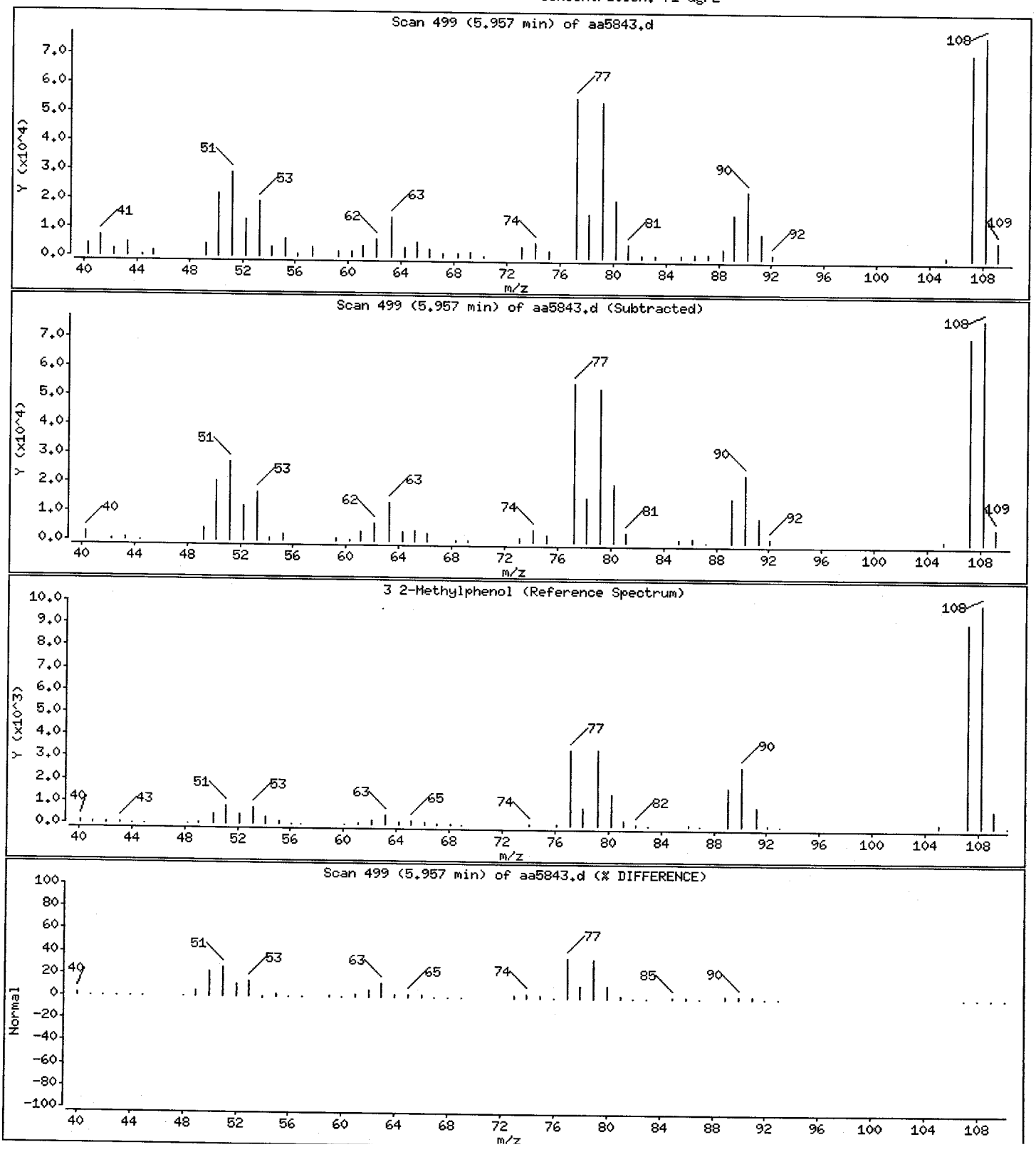
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

3 2-Methylphenol

Concentration: 71 ug/L



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07 Instrument: BNAMS8.i

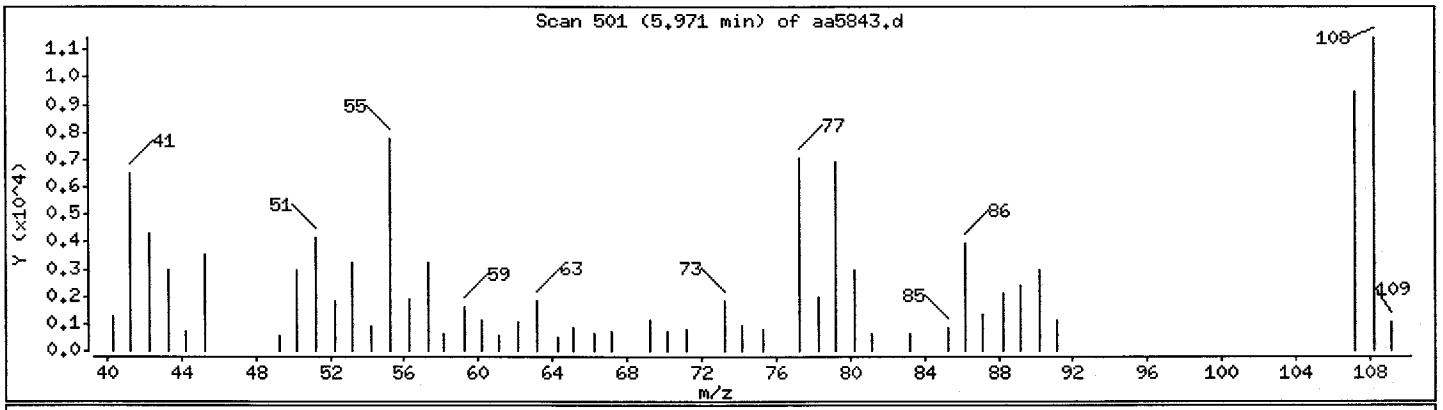
Sample Info: 940360;4447051

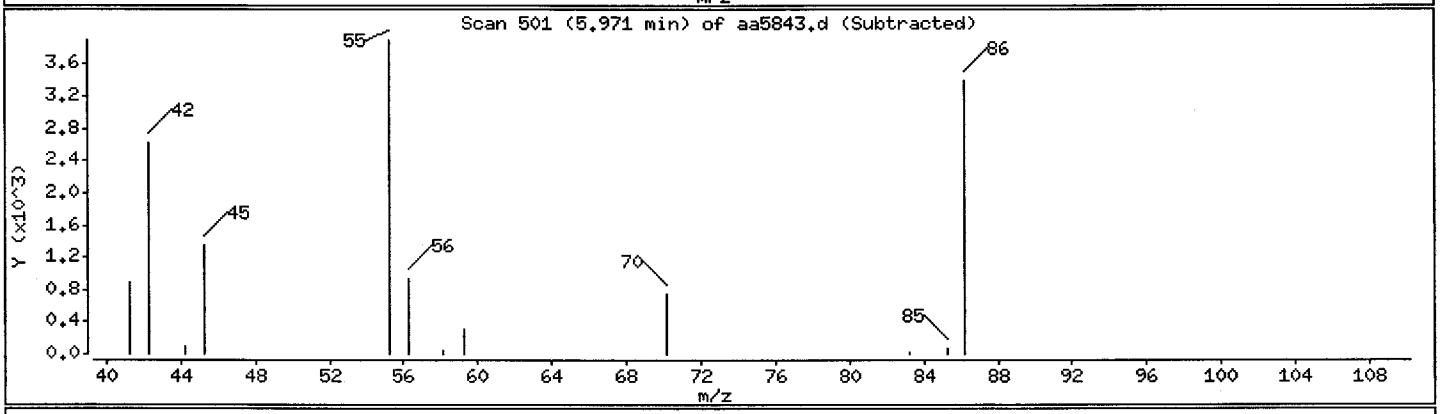
Volume Injected (uL): 1.0 Operator: BNAMS 4

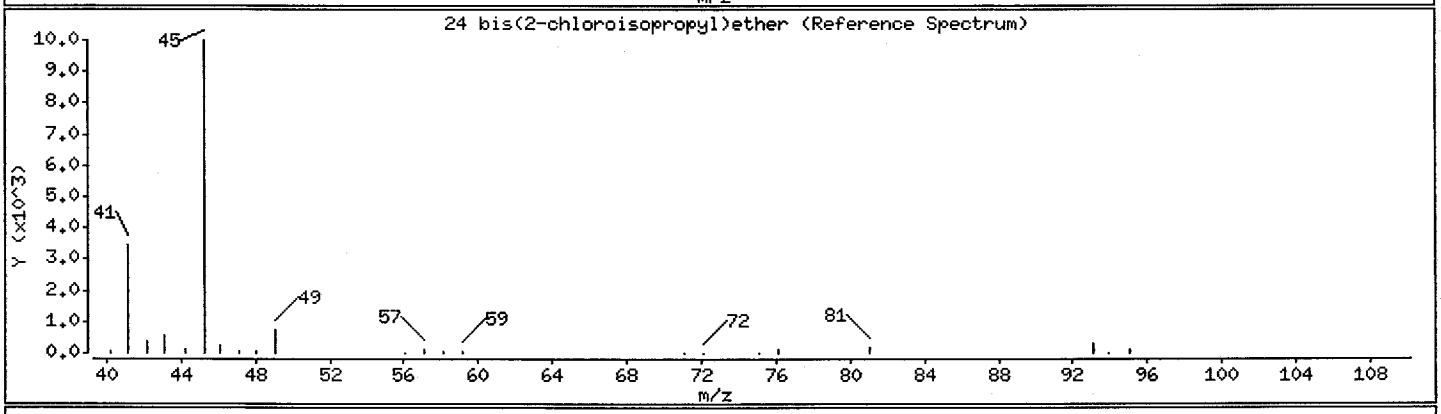
Column phase: DB-5 Column diameter: 0.25

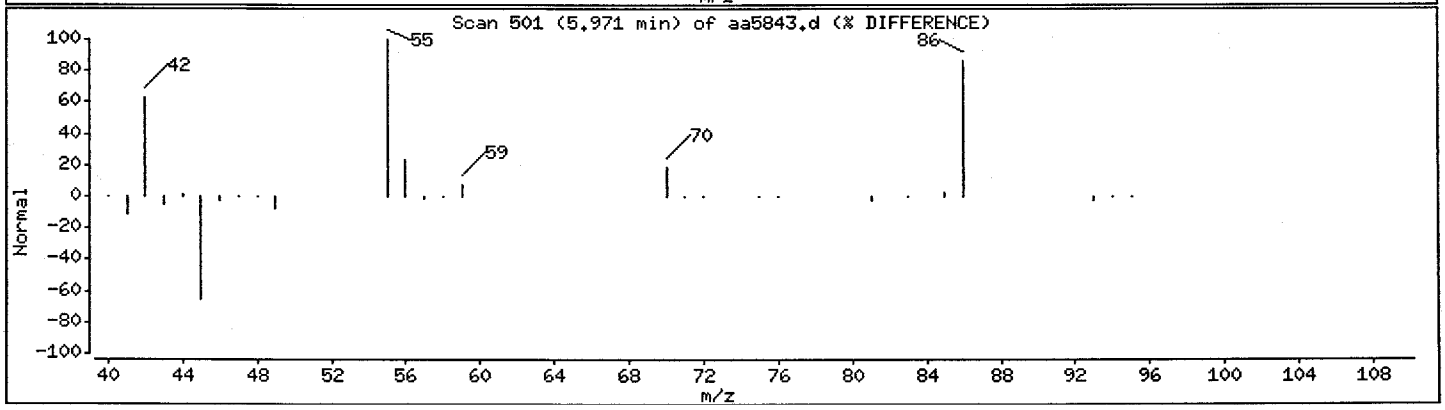
24 bis(2-chloroisopropyl)ether Concentration: 1.3 ug/L

FALSE POSITIVE









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

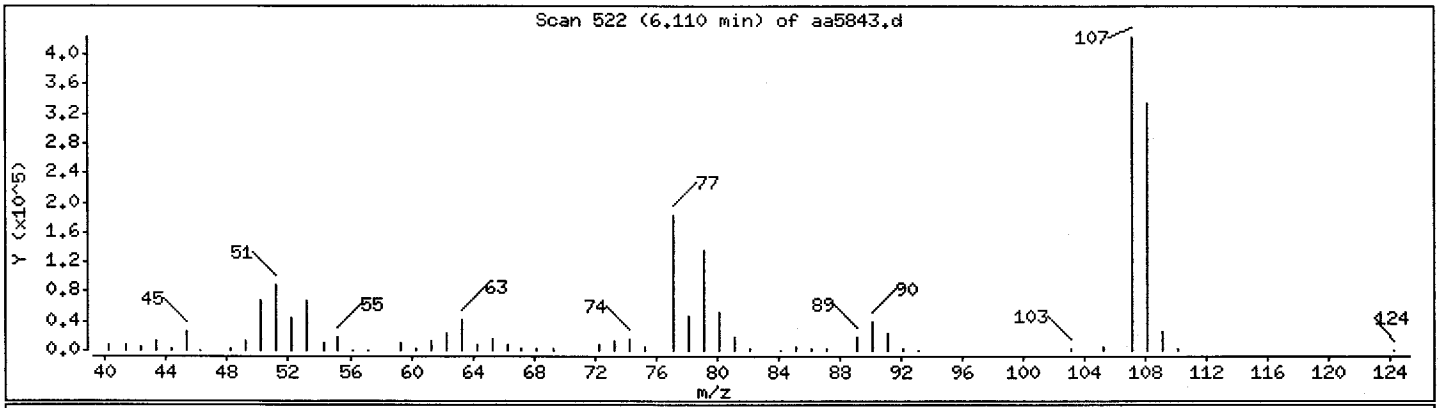
Client ID: 080508-07 Instrument: BNAMS8.i

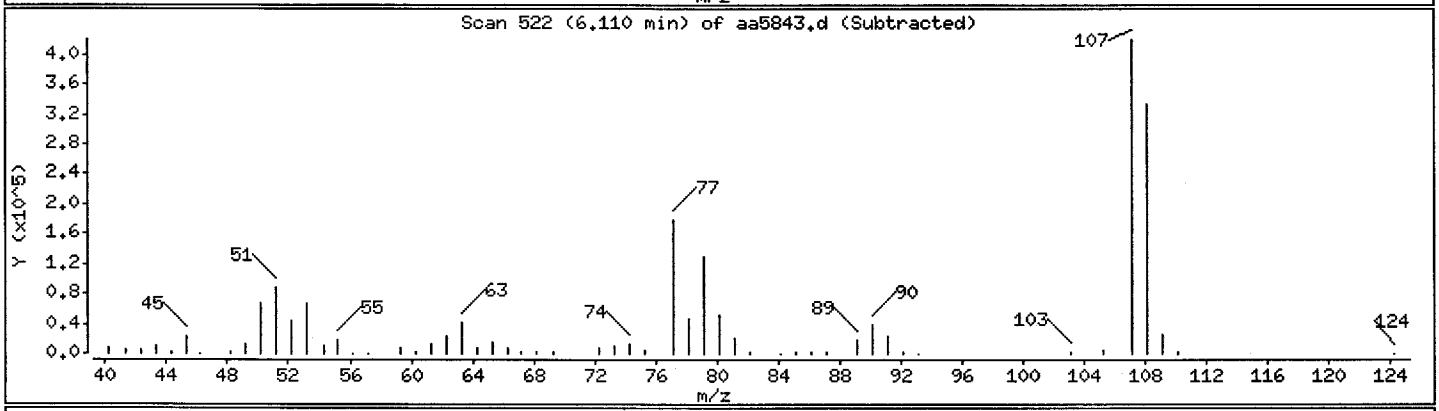
Sample Info: 940360;4447051

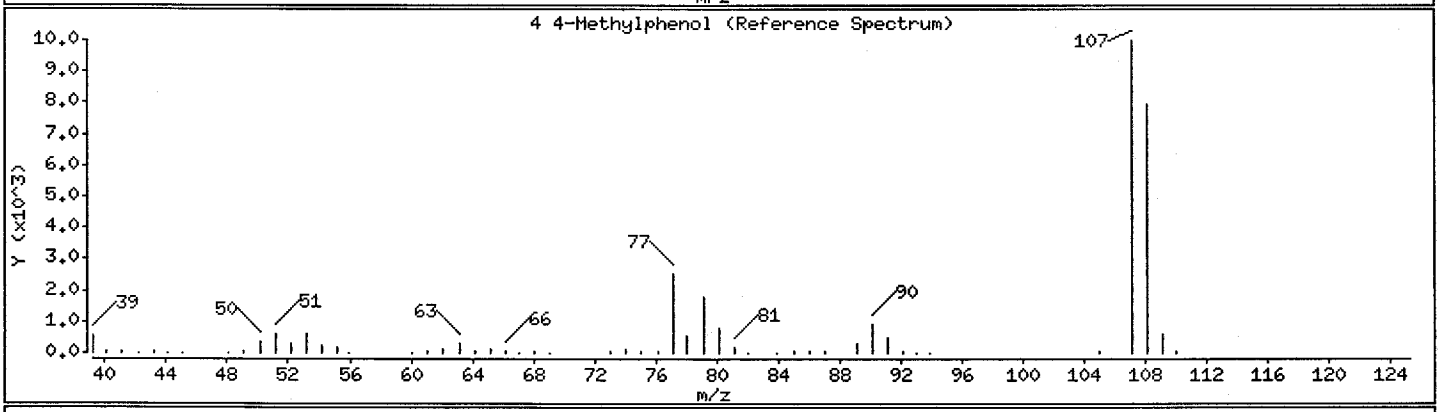
Volume Injected (uL): 1.0 Operator: BNAMS 4

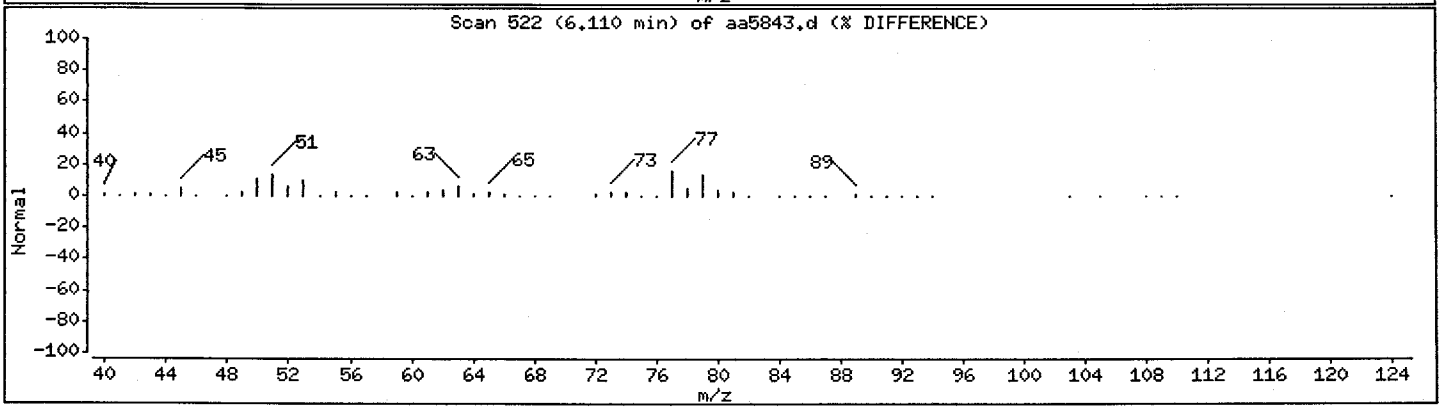
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 360 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

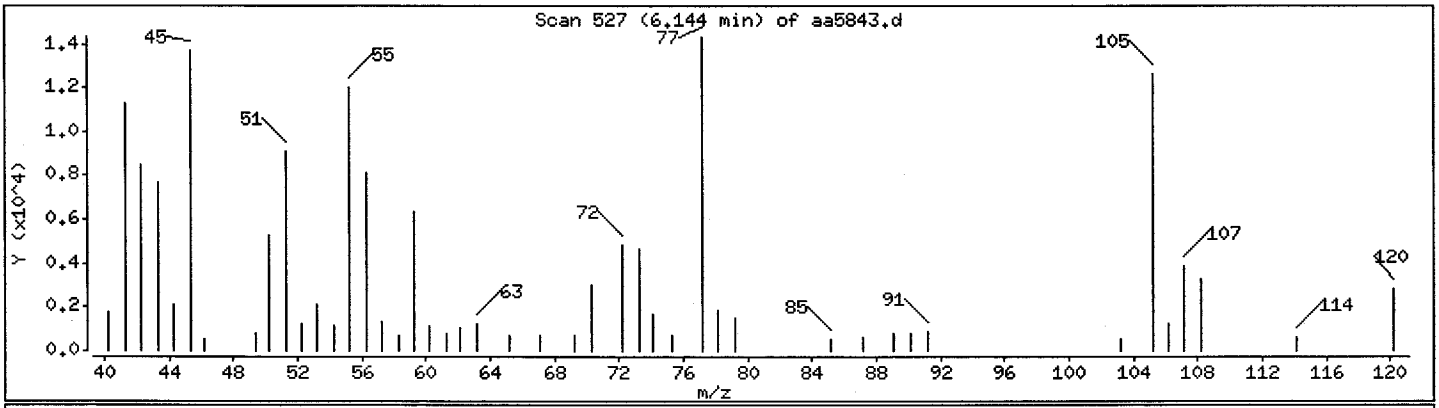
Client ID: 080508-07 Instrument: BNAMS8.i

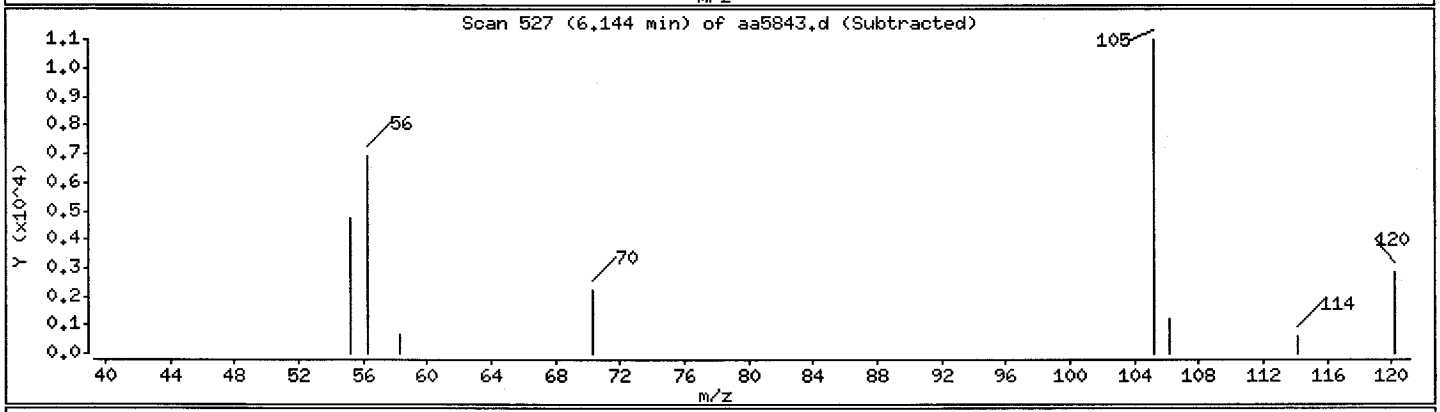
Sample Info: 940360;4447051

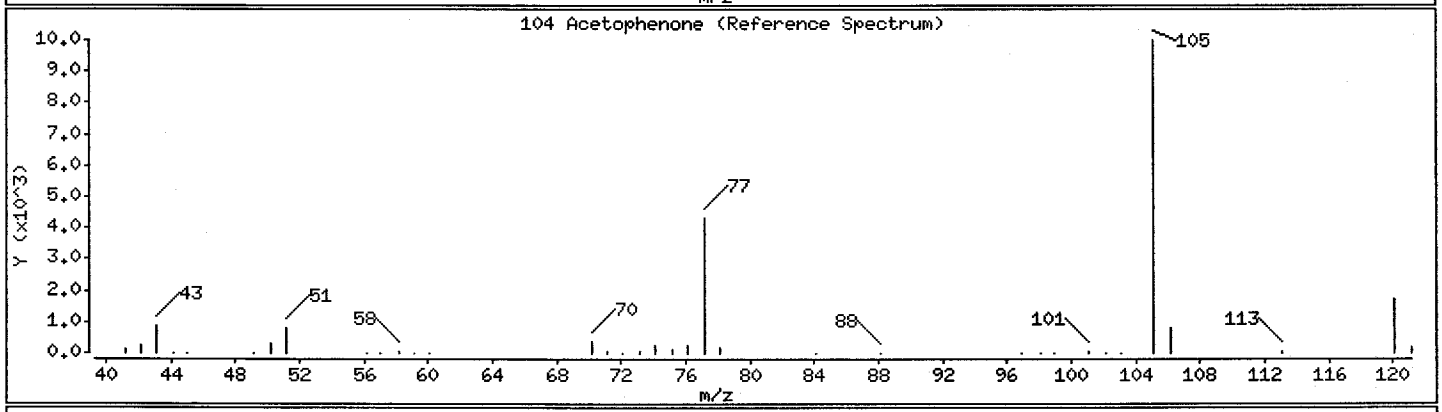
Volume Injected (uL): 1.0 Operator: BNAMS 4

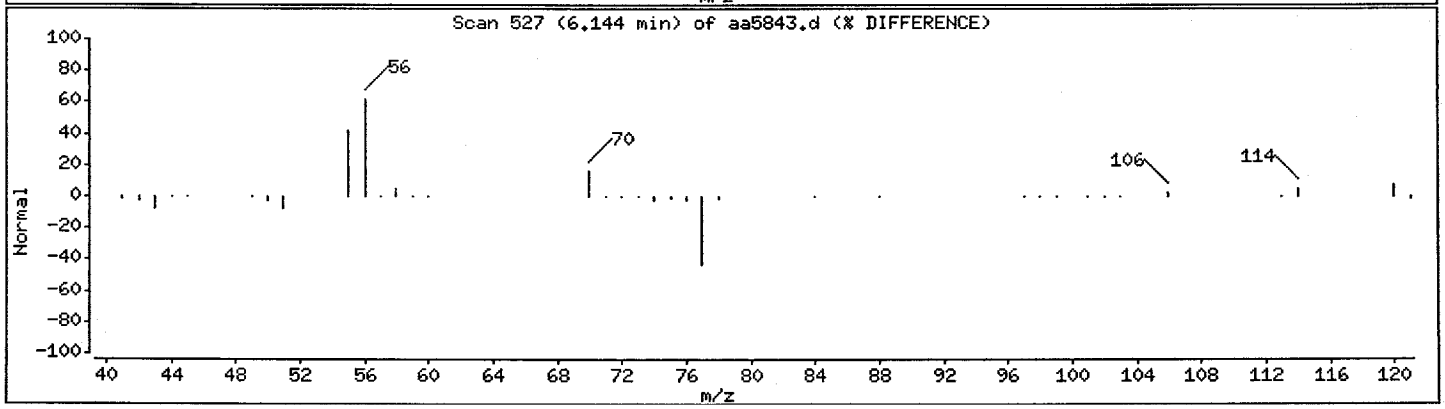
Column phase: DB-5 Column diameter: 0.25

104 Acetophenone Concentration: 6.9 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07

Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0

Operator: BNAMS 4

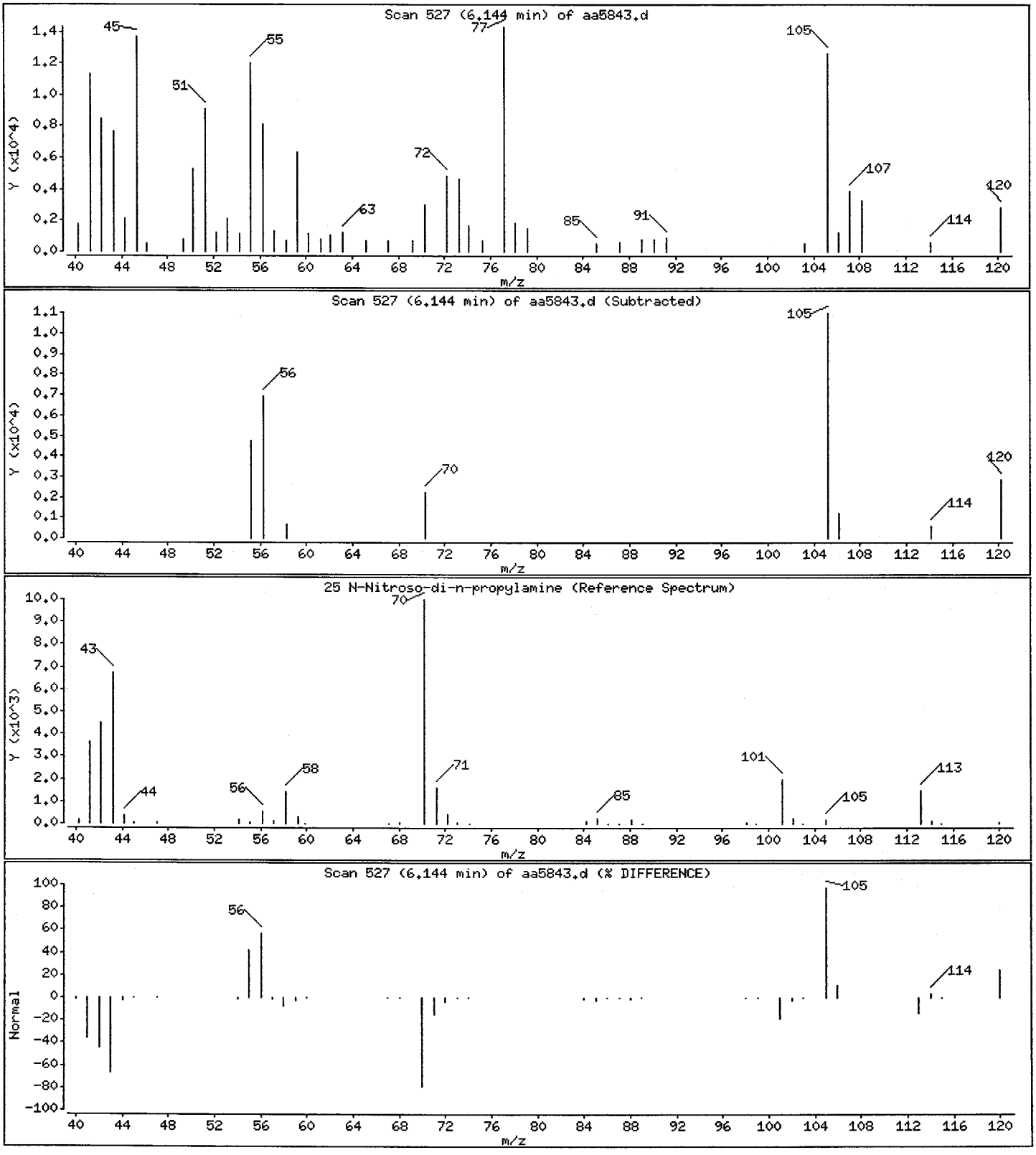
Column phase: DB-5

Column diameter: 0.25

25 N-Nitroso-di-n-propylamine

Concentration: 3.4 ug/L

FALSE POSITIVE



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07

Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0

Operator: BNAMS 4

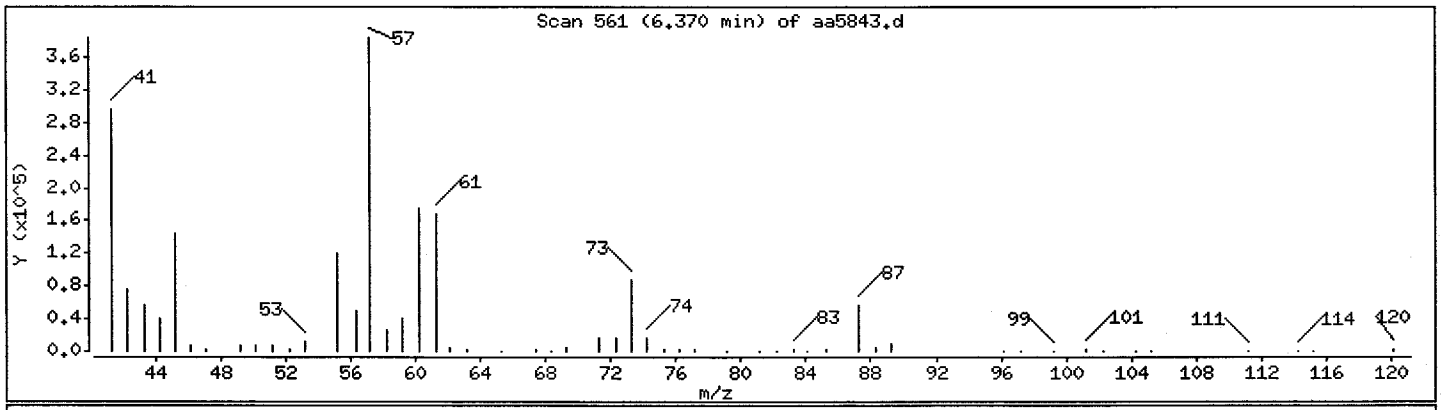
Column phase: DB-5

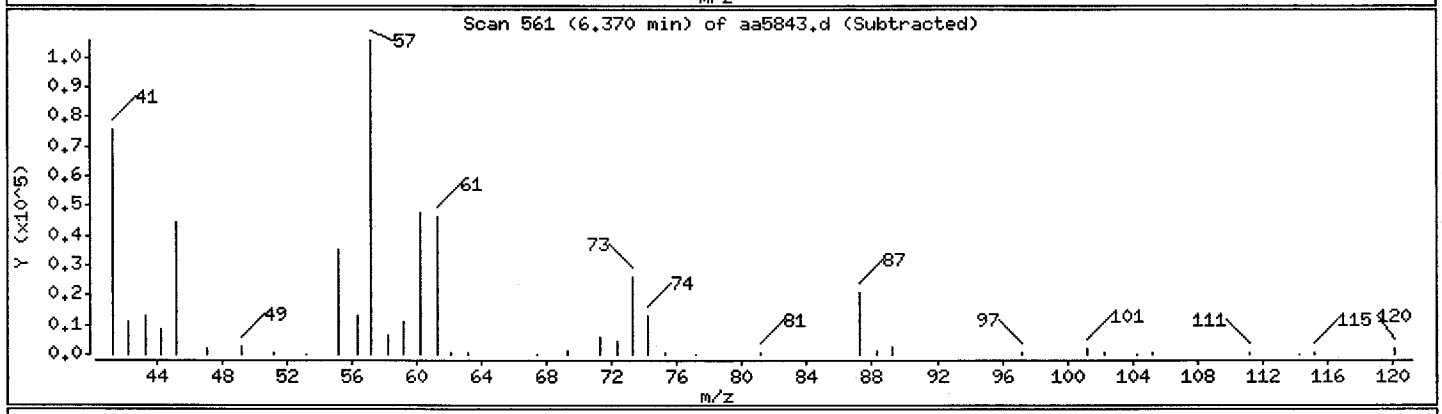
Column diameter: 0.25

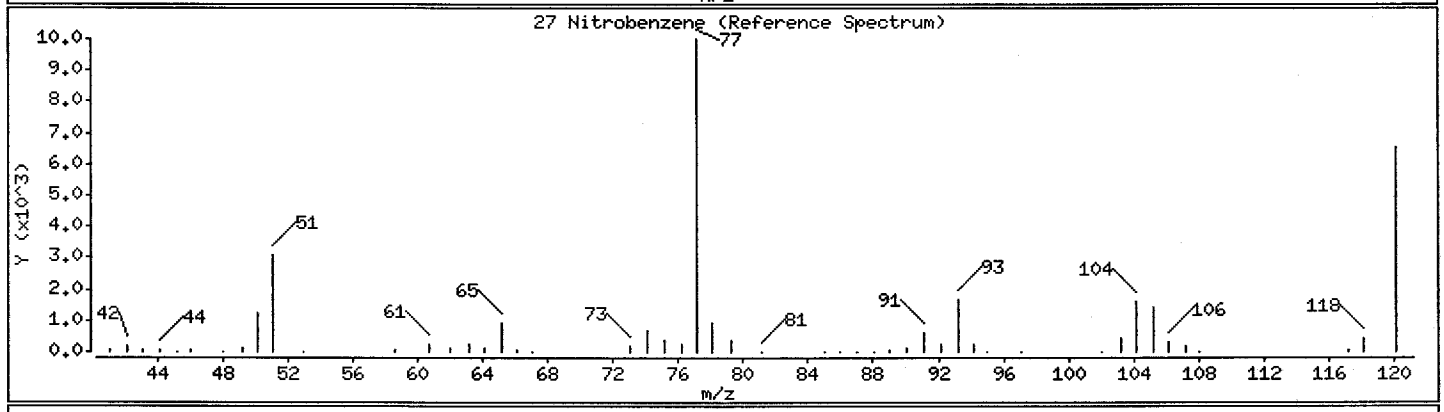
27 Nitrobenzene

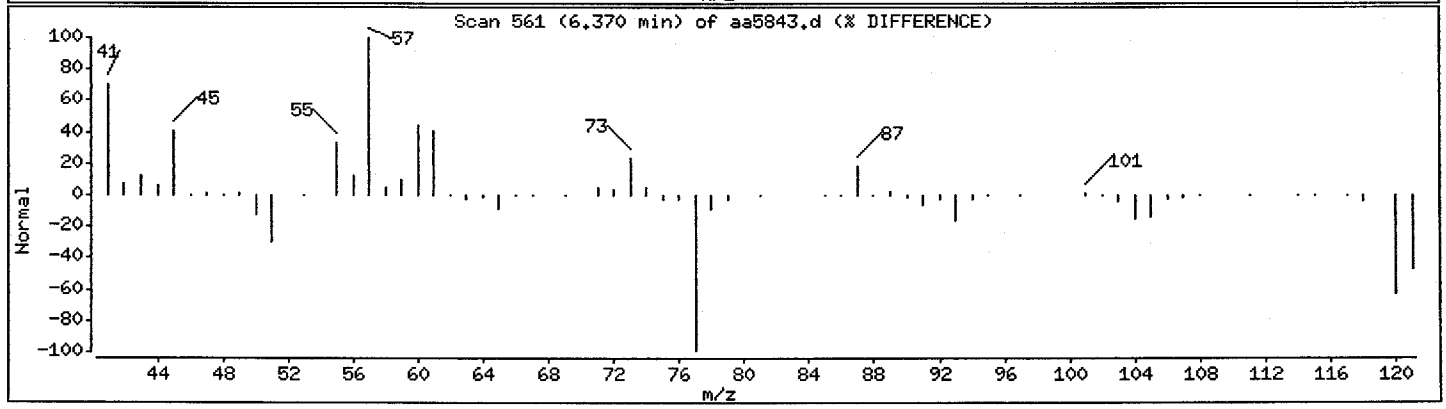
Concentration: 2.7 ug/L

FALSE POSITIVE
Init.









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

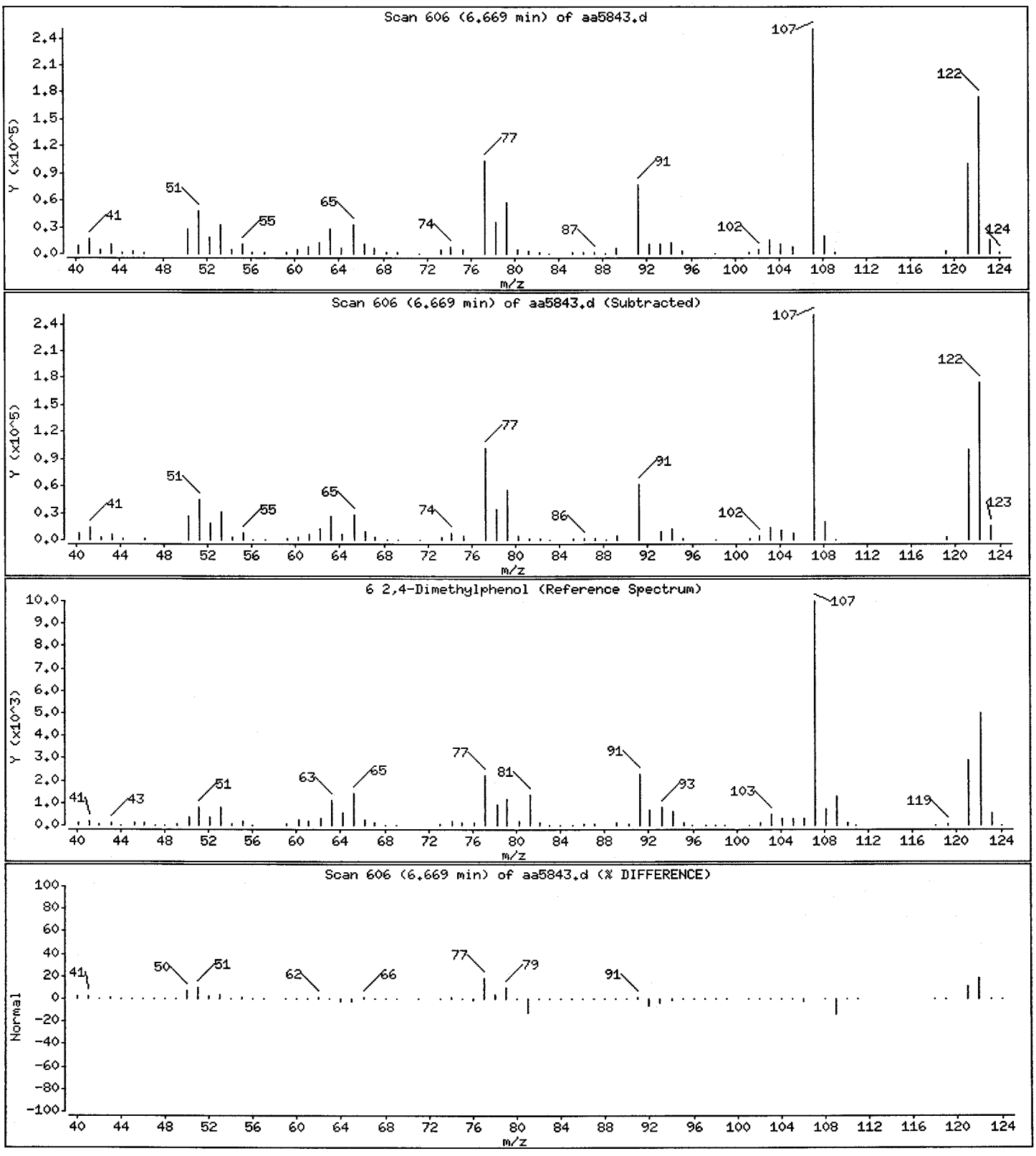
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

6 2,4-Dimethylphenol Concentration: 180 ug/L



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07

Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0

Operator: BNAMS 4

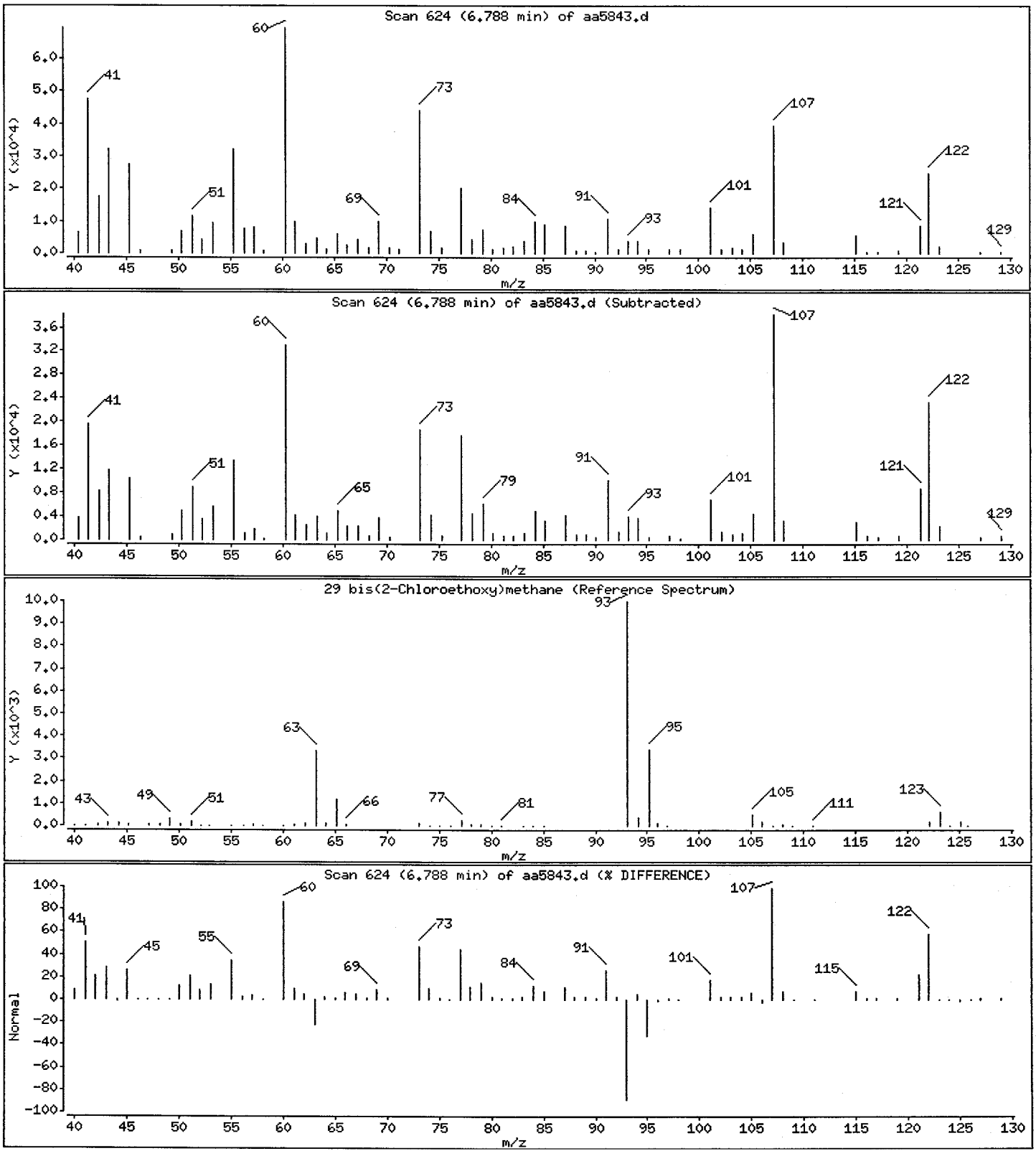
Column phase: DB-5

Column diameter: 0.25

29 bis(2-Chloroethoxy)methane

Concentration: 3.4 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07

Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0

Operator: BNAMS 4

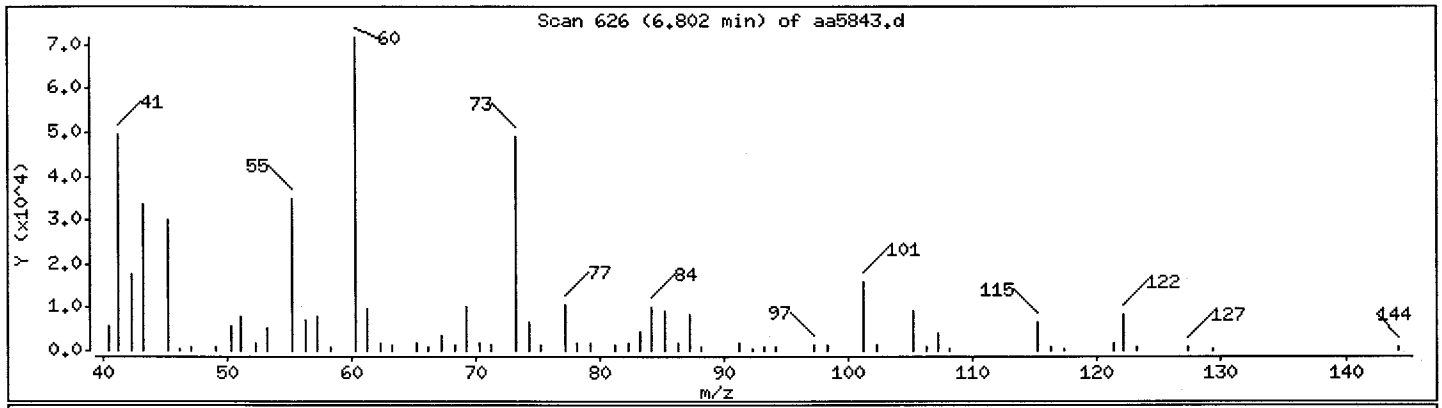
Column phase: DB-5

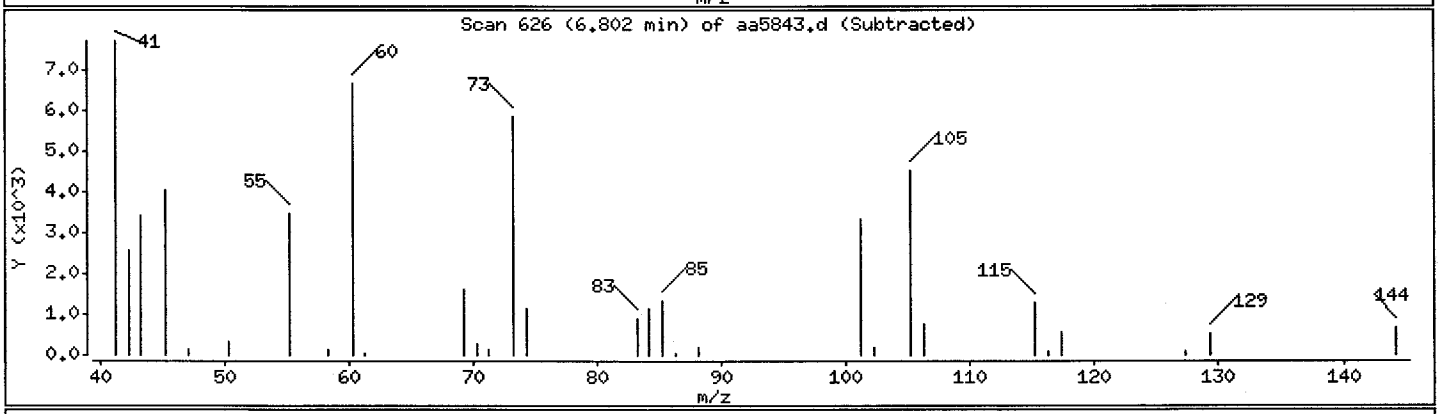
Column diameter: 0.25

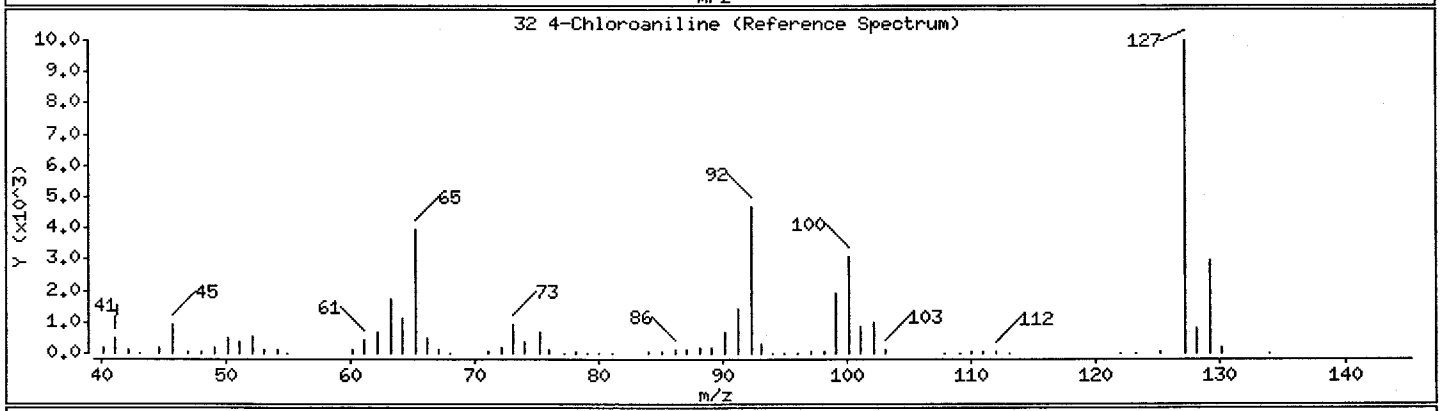
32 4-Chloroaniline

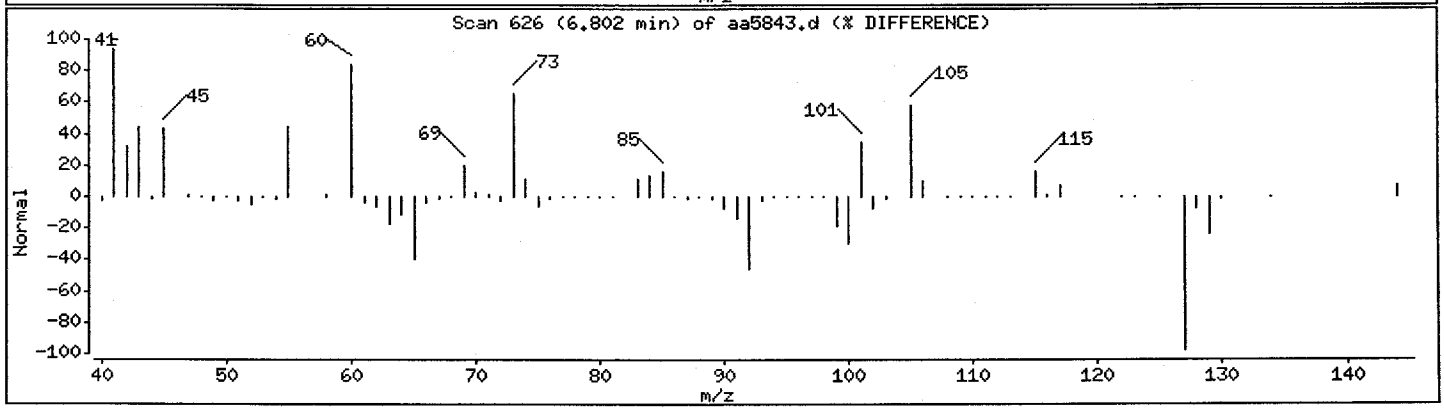
Concentration: 0.64 ug/L

FALSE POSITIVE
Init.









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07 Instrument: BNAMS8.i

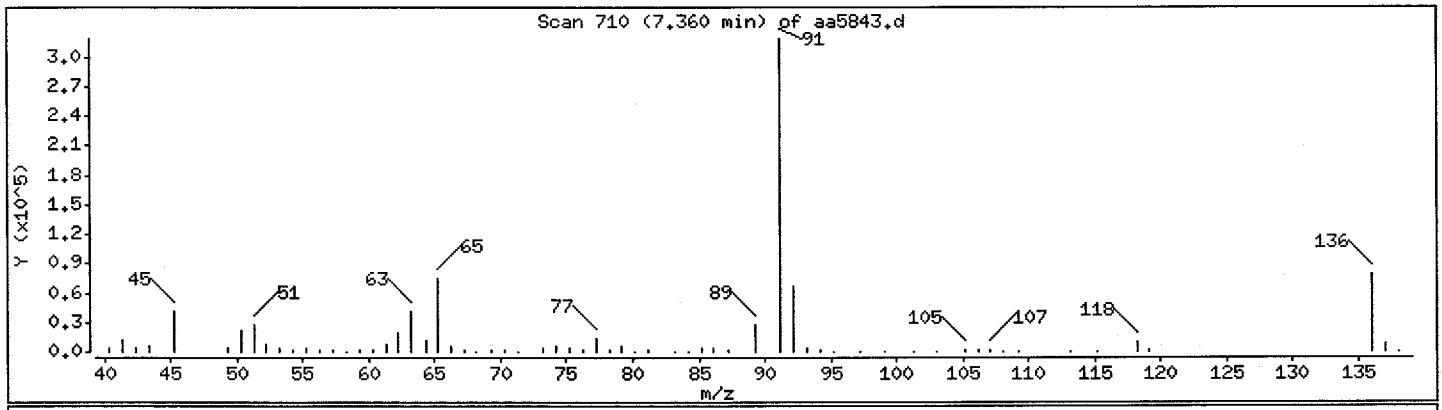
Sample Info: 940360;4447051

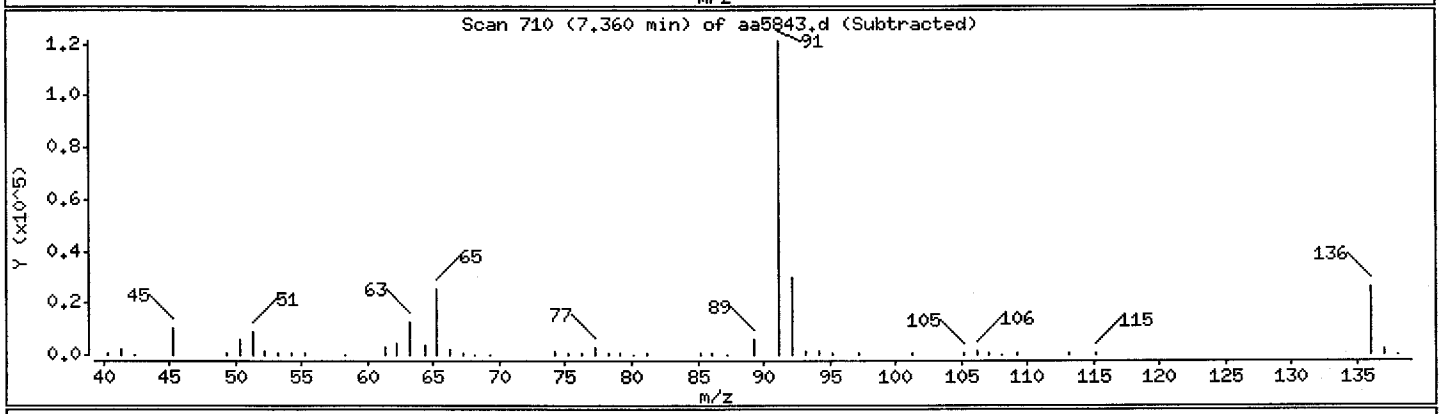
Volume Injected (uL): 1.0 Operator: BNAMS 4

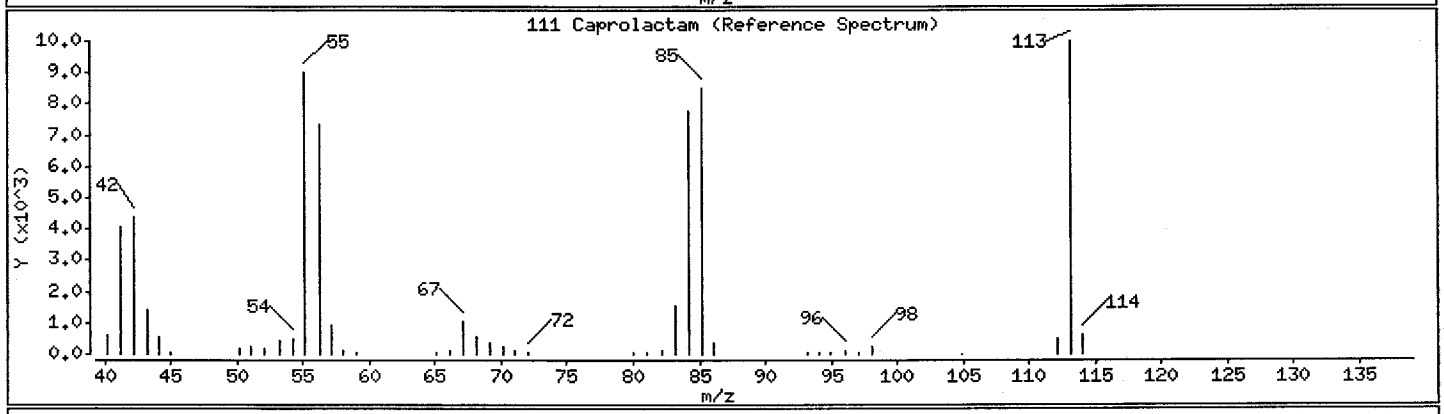
Column phase: DB-5 Column diameter: 0.25

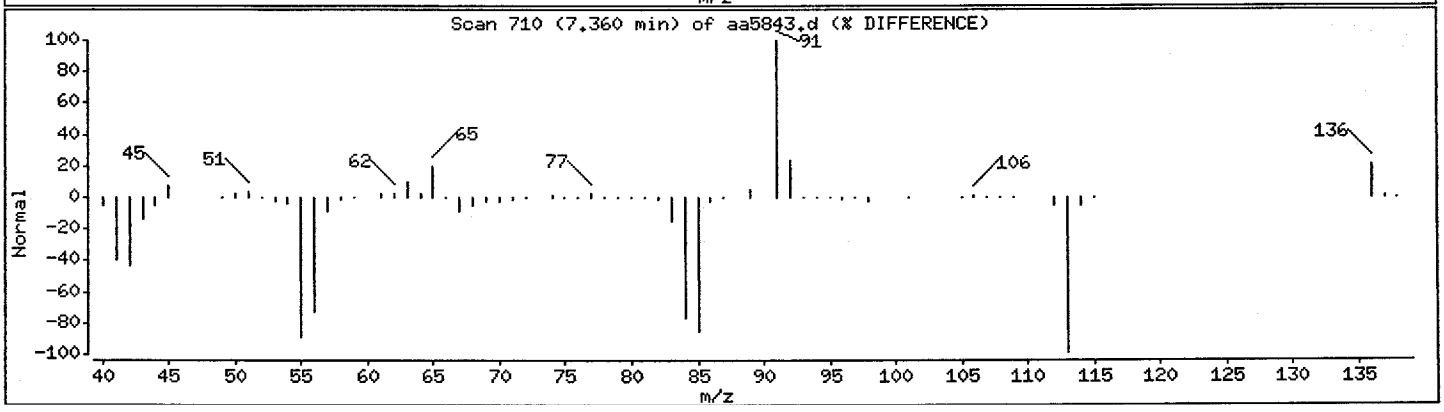
111 Caprolactam Concentration: 0.60 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07

Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0

Operator: BNAMS 4

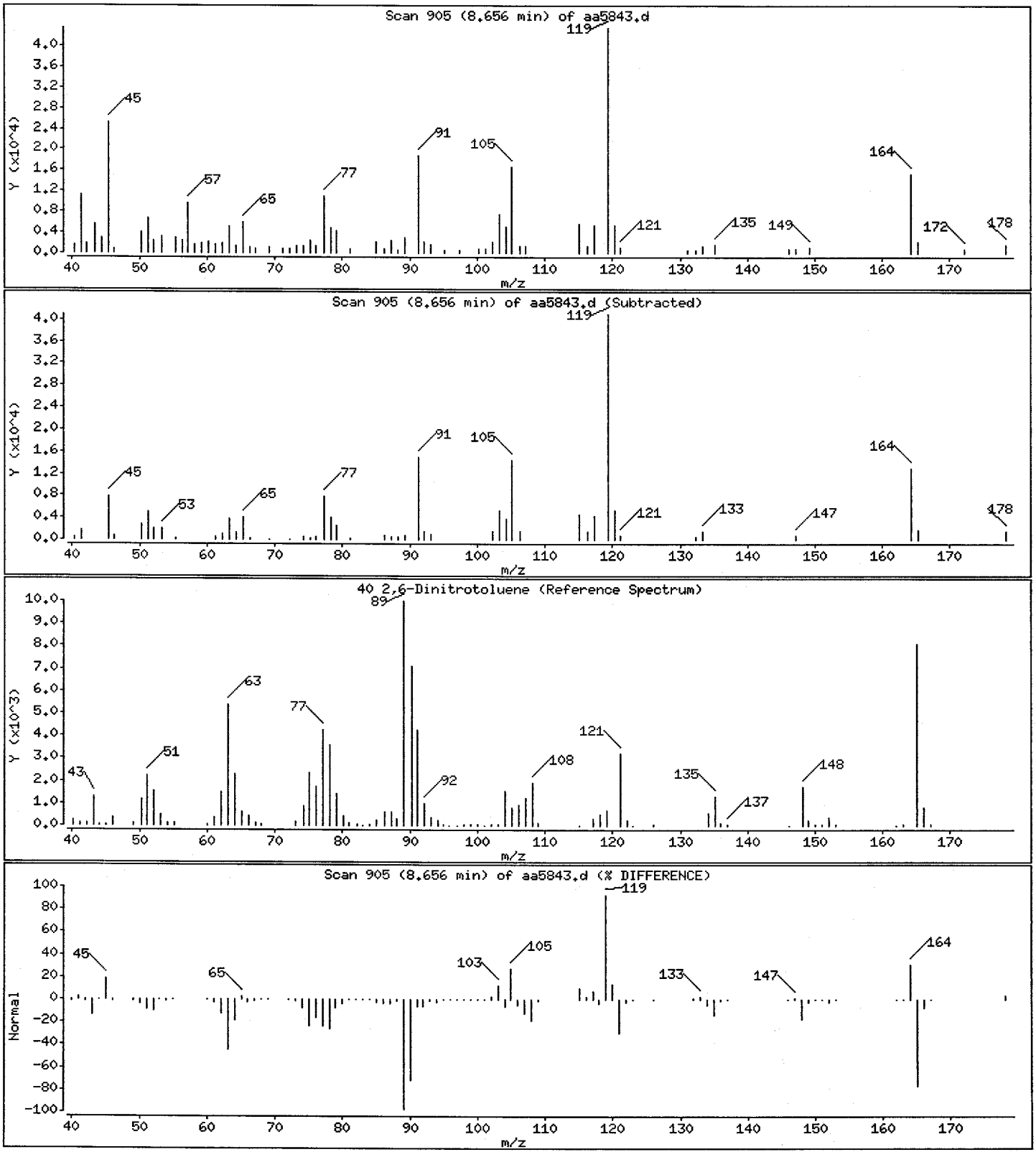
Column phase: DB-5

Column diameter: 0.25

FALSE POSITIVE Init.

40 2,6-Dinitrotoluene

Concentration: 3.5 ug/L



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07

Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0

Operator: BNAMS 4

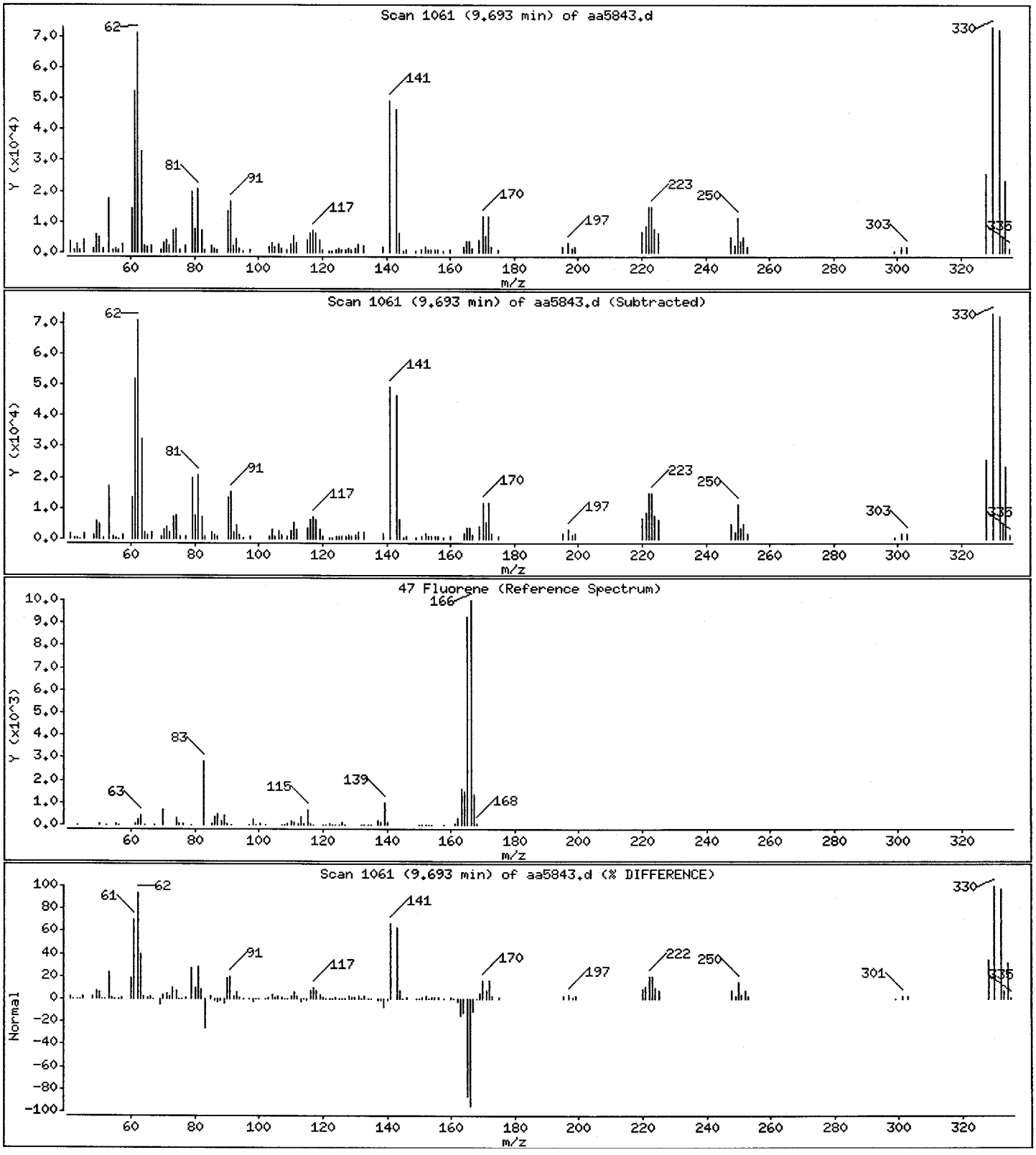
Column phase: DB-5

Column diameter: 0.25

47 Fluorene

Concentration: 1.4 ug/L

FALSE POSITIVE
Init



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07

Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0

Operator: BNAMS 4

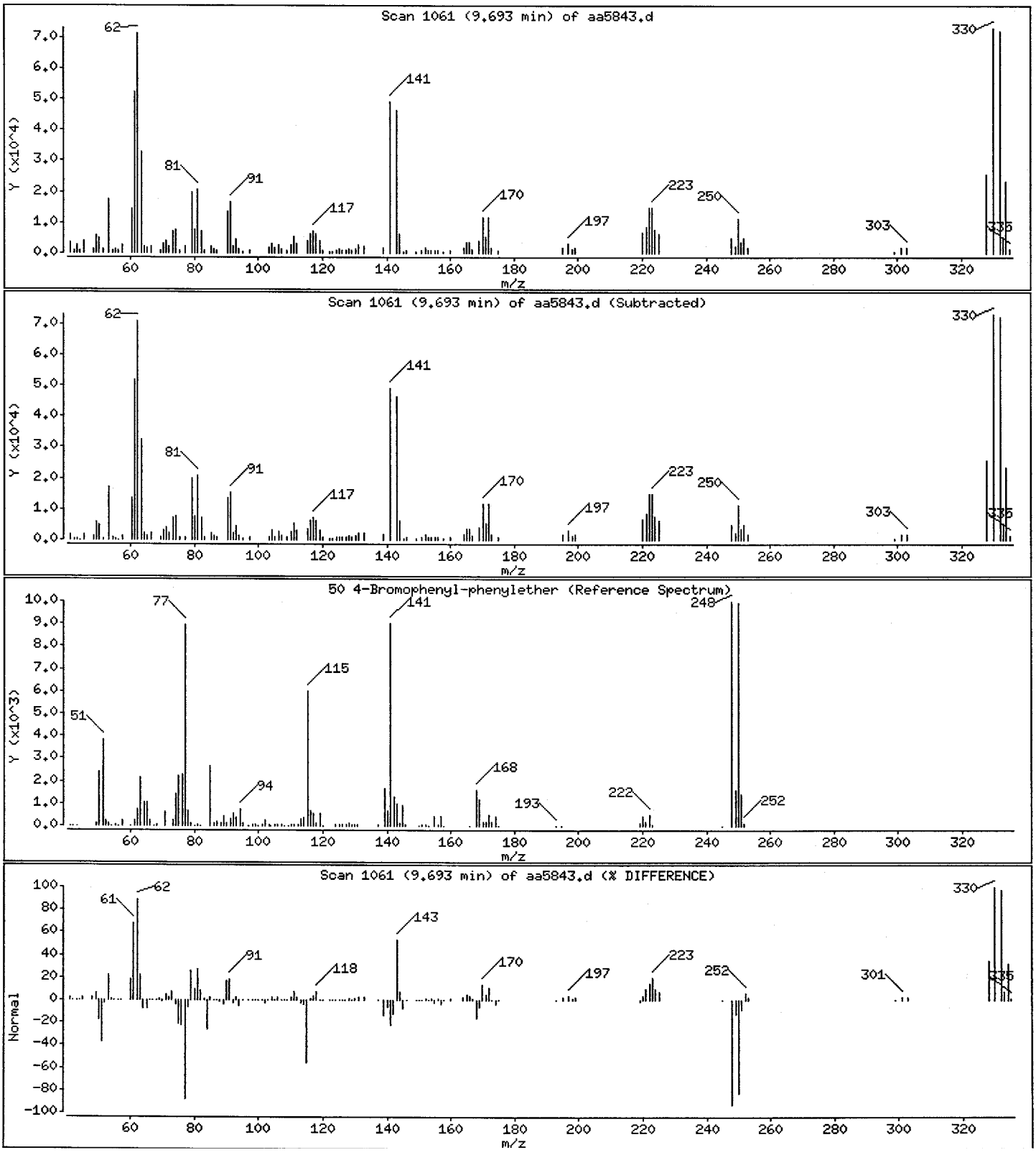
Column phase: DB-5

Column diameter: 0.25

50 4-Bromophenyl-phenylether

Concentration: 8.0 ug/L

FALSE POSITIVE
Init.



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

Client ID: 080508-07

Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0

Operator: BNAMS 4

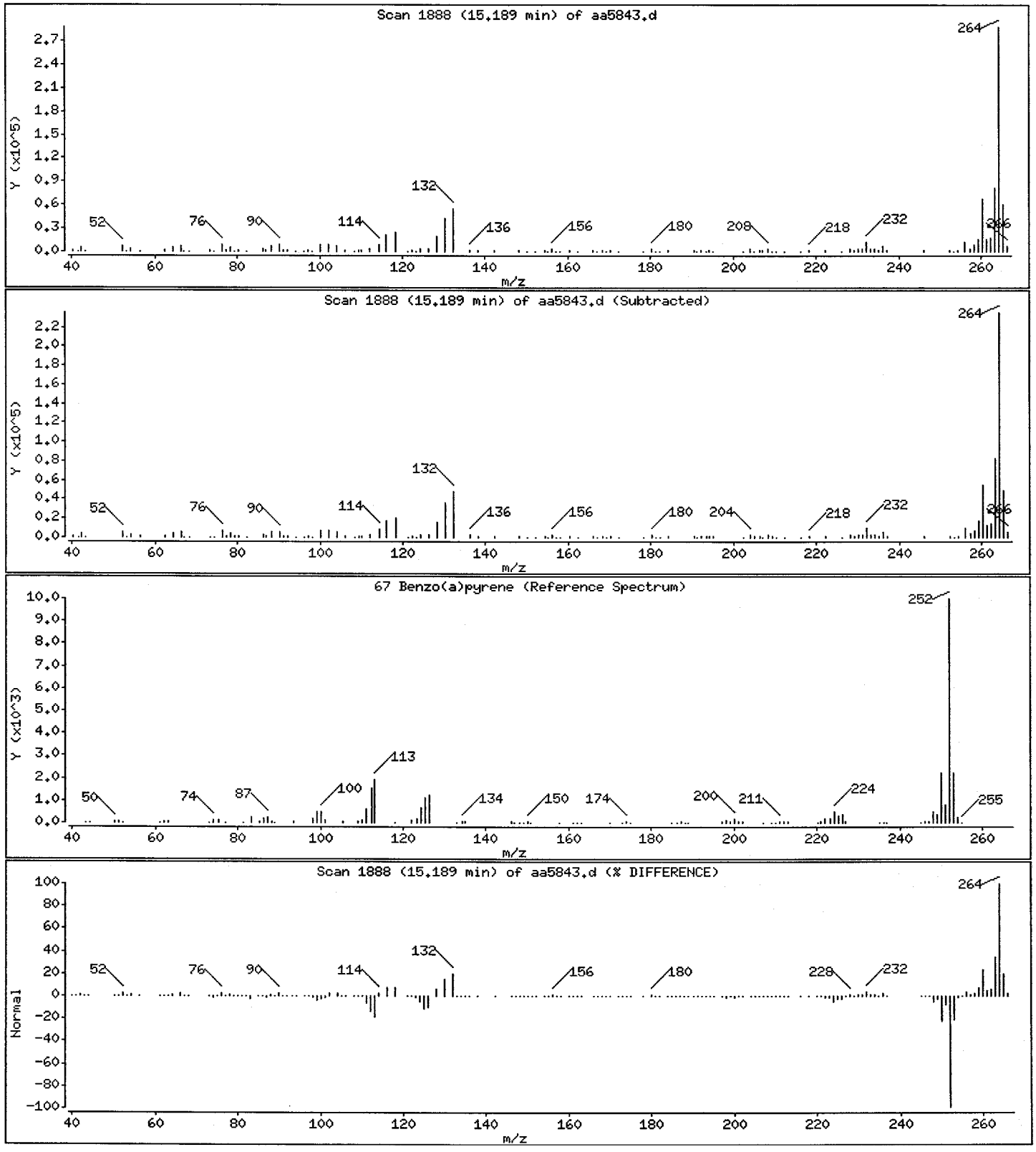
Column phase: DB-5

Column diameter: 0.25

FALSE POSITIVE

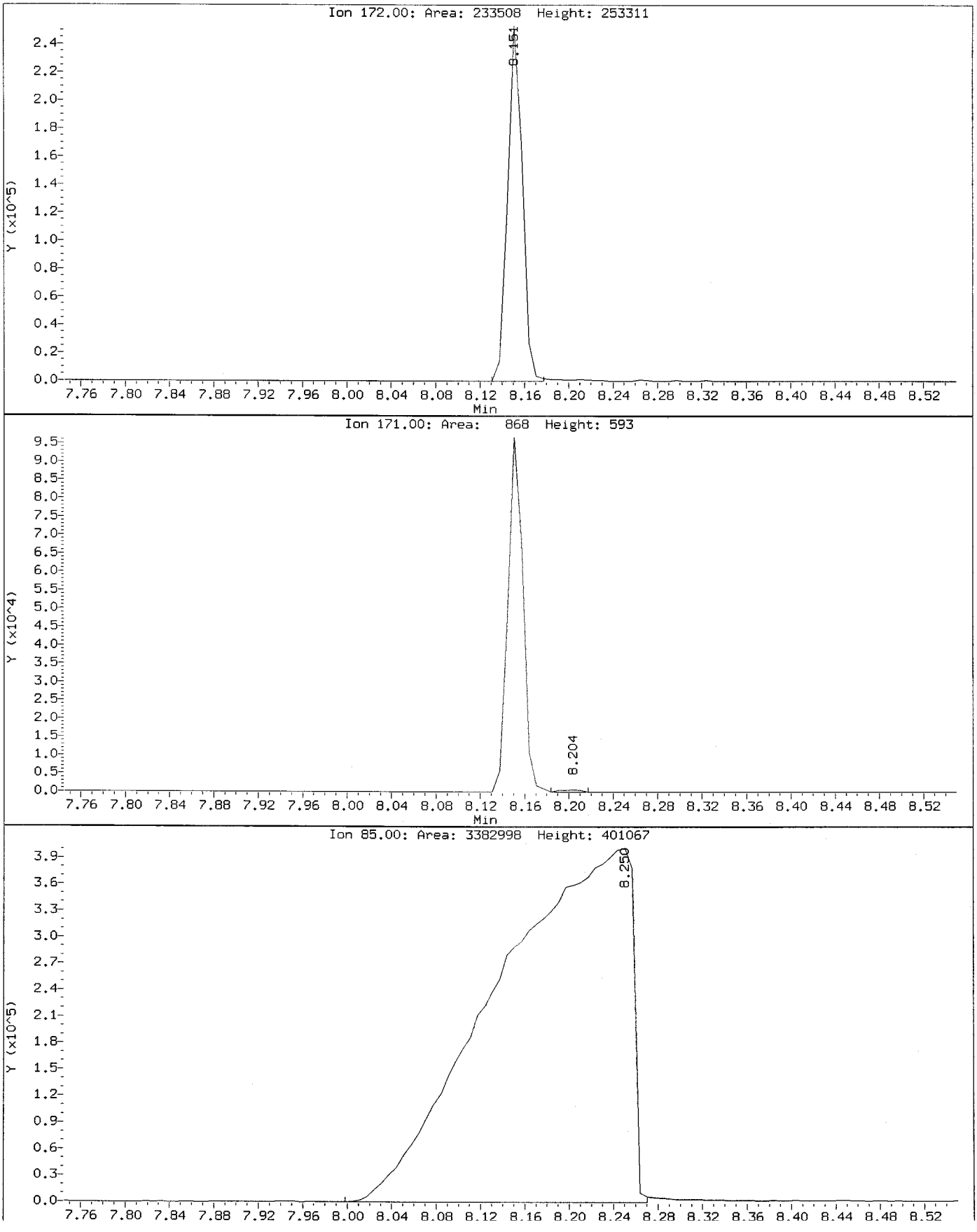
67 Benzo(a)pyrene

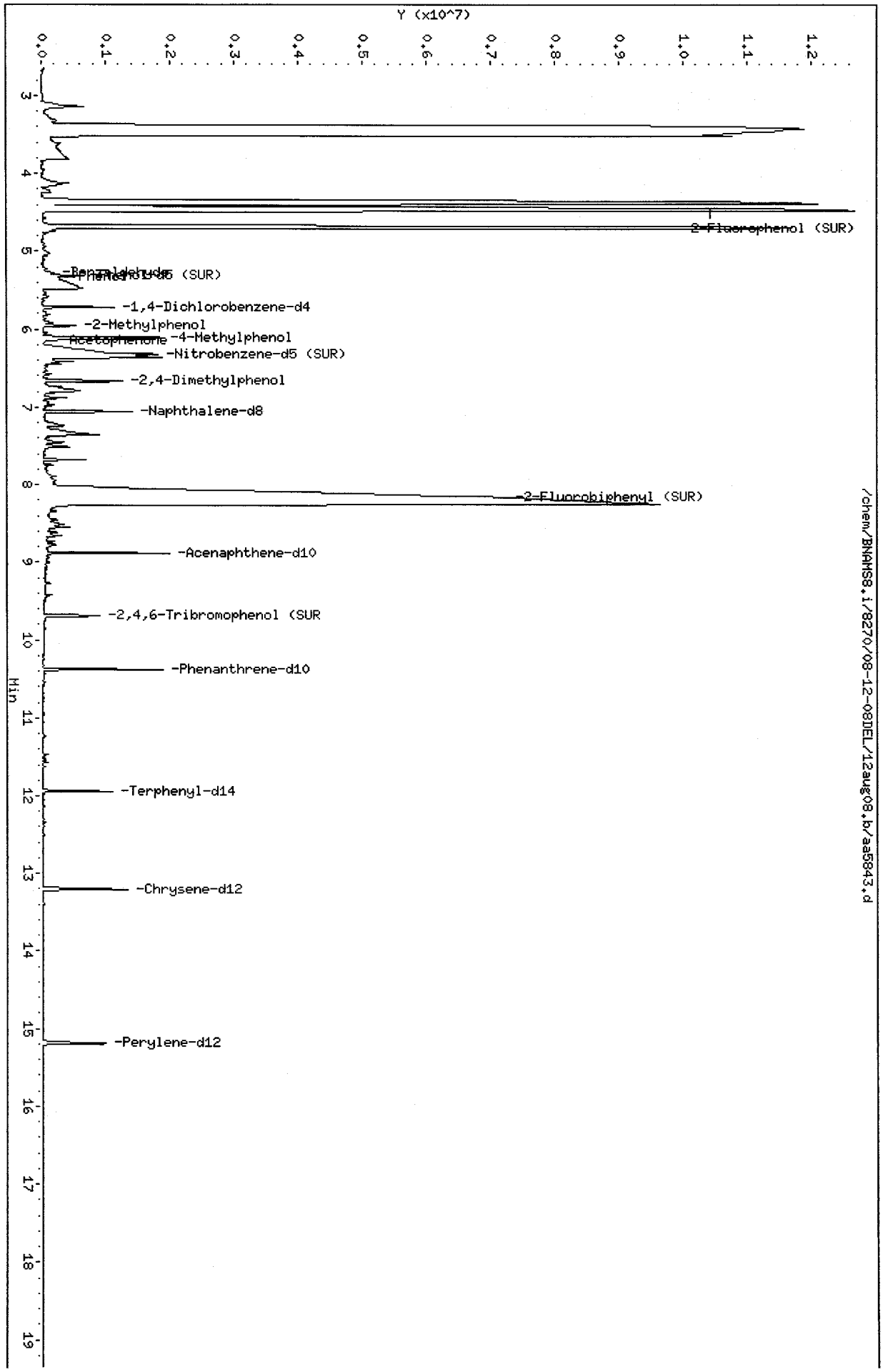
Concentration: 0.53 ug/L



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d
Injection Date: 12-AUG-2008 14:30
Instrument: BNAMS8.i
Client Sample ID: 080508-07

Compound: 2-Fluorobiphenyl (SUR)
CAS Number: 321-60-8




Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d
Date : 12-AUG-2008 14:30
Client ID: 080508-07
Sample Info: 940360;4447051
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^7)
Min
2-Fluorophenol (SUR)
-Benzaldehyde-d6 (SUR)
-1,4-Dichlorobenzene-d4
-2-Methylphenol
Acetophenone
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-2,4-Dimethylphenol
-Naphthalene-d8
2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

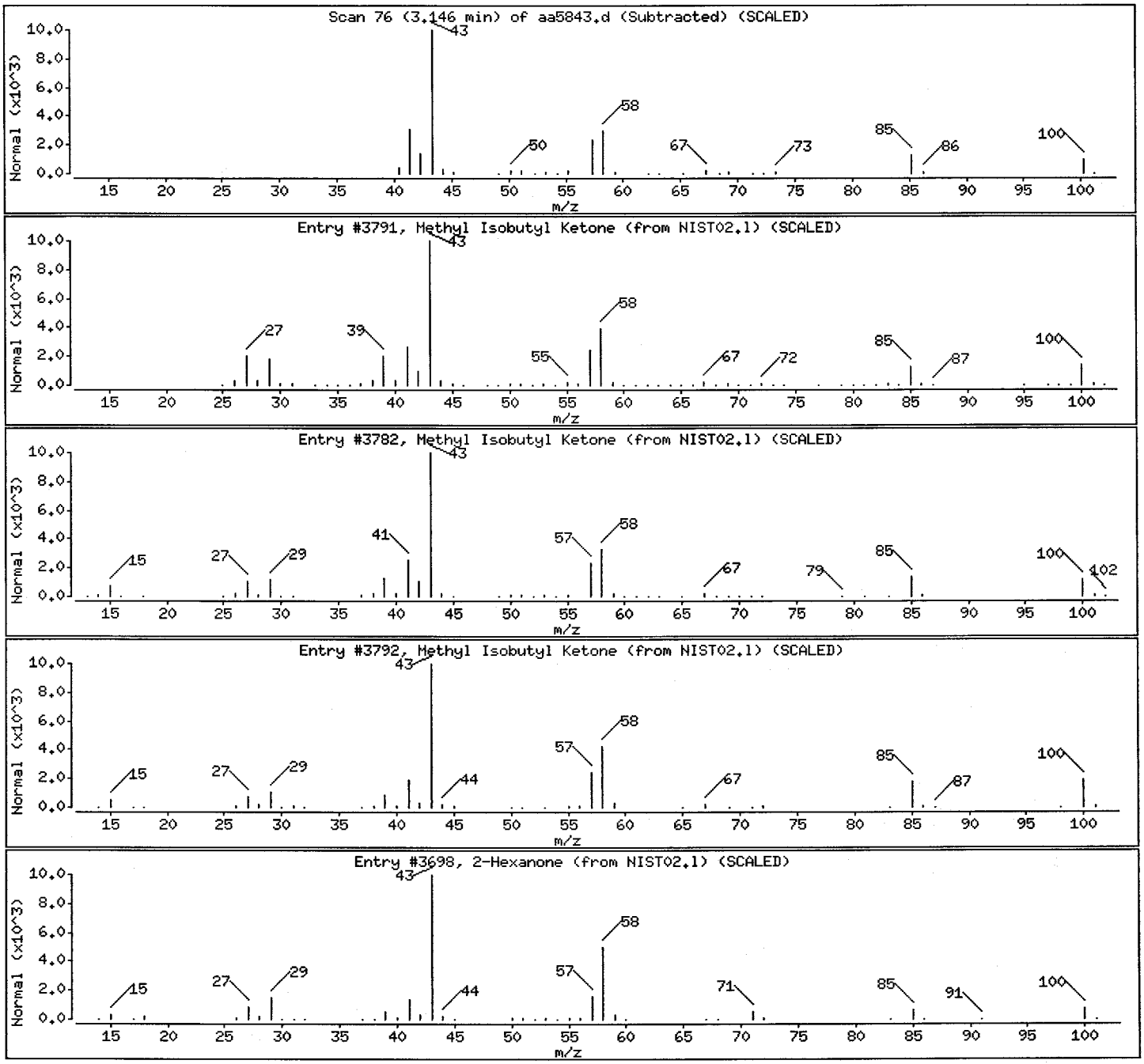
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyl Isobutyl Ketone	108-10-1	NIST02.l	3791	80	C6H12O	100
Methyl Isobutyl Ketone	108-10-1	NIST02.l	3782	80	C6H12O	100
Methyl Isobutyl Ketone	108-10-1	NIST02.l	3792	64	C6H12O	100
2-Hexanone	591-78-6	NIST02.l	3698	50	C6H12O	100



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

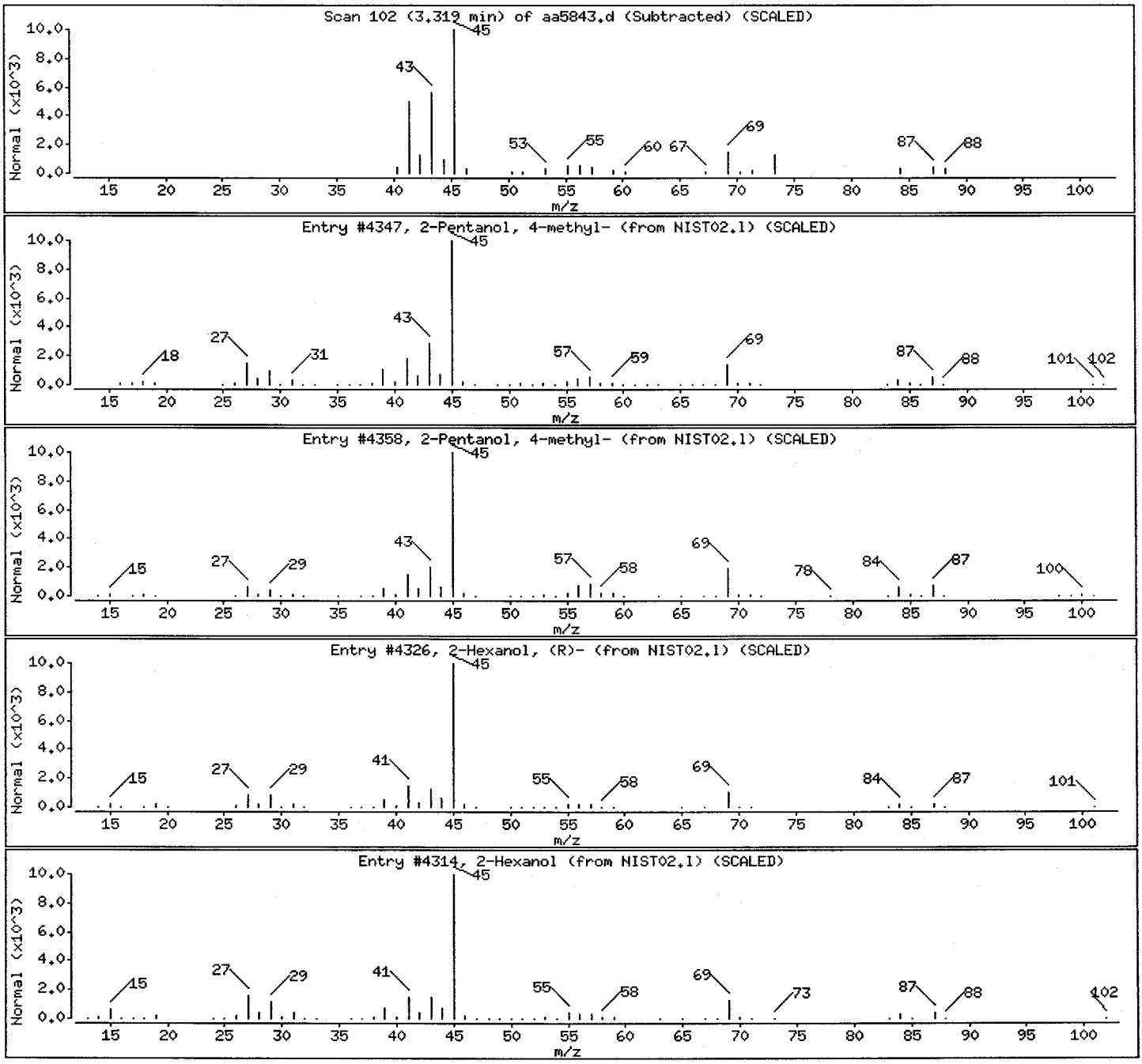
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanol, 4-methyl-	108-11-2	NIST02.l	4347	72	C6H140	102
2-Pentanol, 4-methyl-	108-11-2	NIST02.l	4358	72	C6H140	102
2-Hexanol, (R)-	26549-24-6	NIST02.l	4326	64	C6H140	102
2-Hexanol	626-93-7	NIST02.l	4314	56	C6H140	102



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

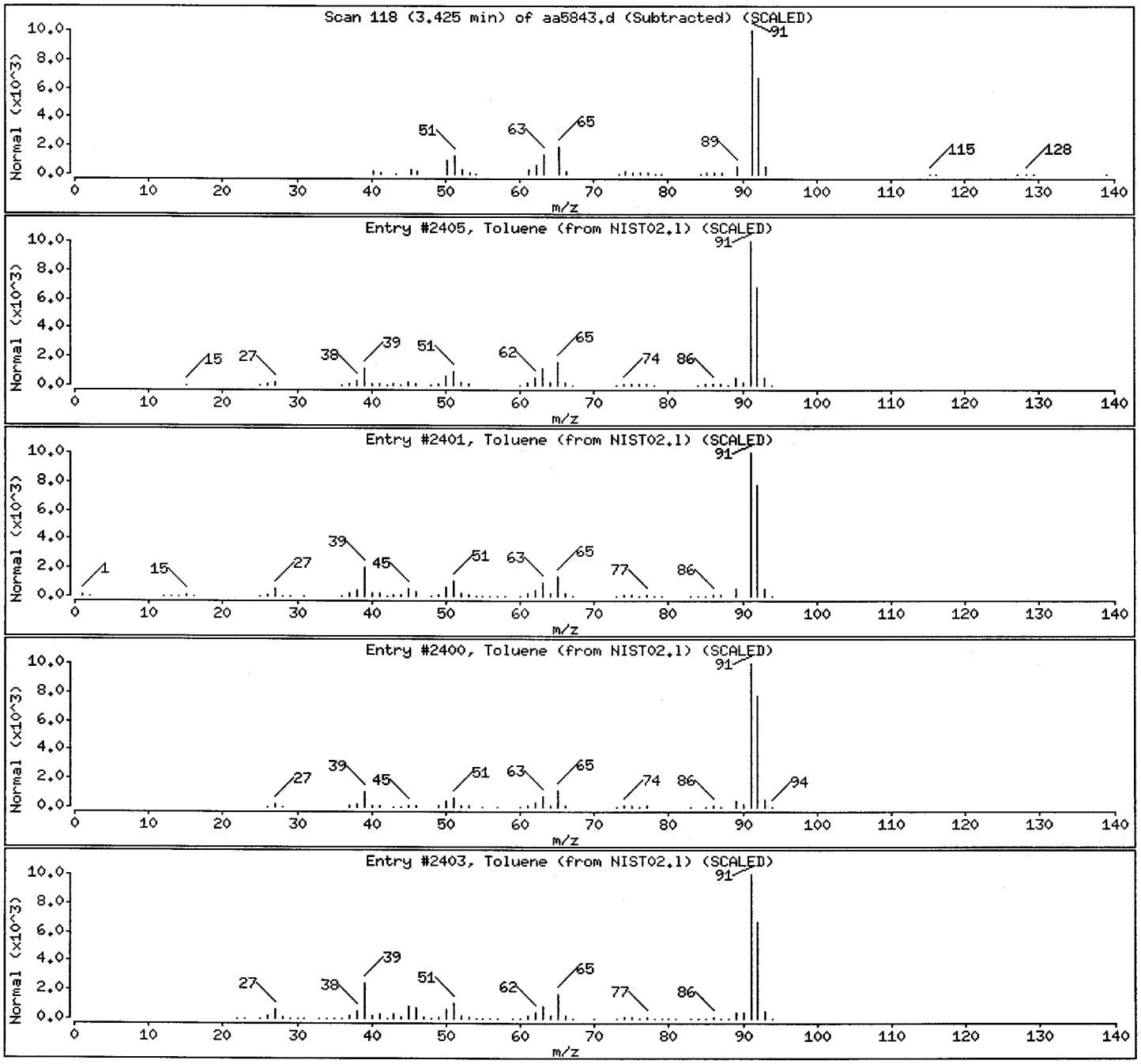
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	94	C7H8	92
Toluene	108-88-3	NIST02.l	2401	94	C7H8	92
Toluene	108-88-3	NIST02.l	2400	91	C7H8	92
Toluene	108-88-3	NIST02.l	2403	91	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

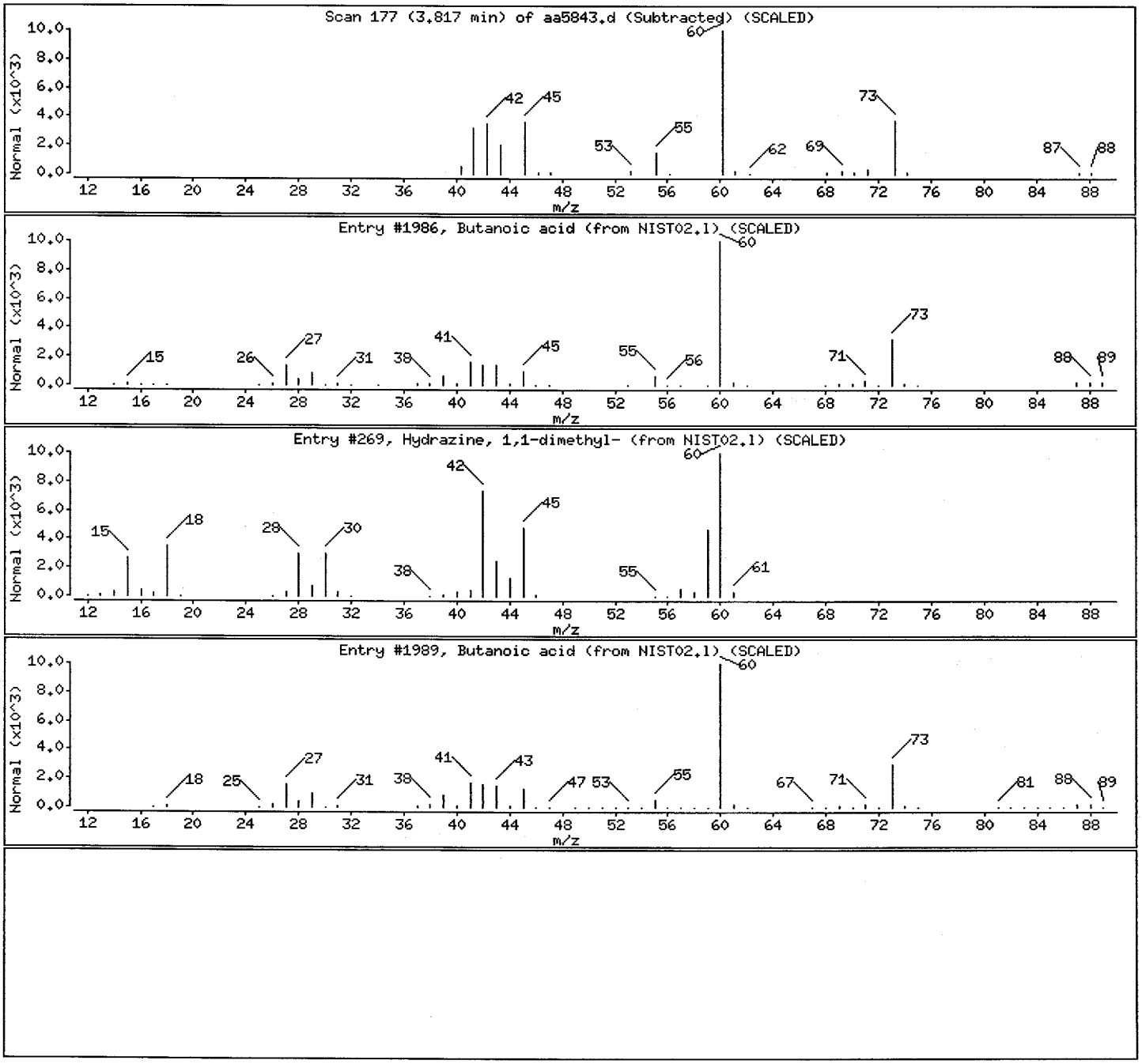
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Butanoic acid	107-92-6	NIST02.l	1986	50	C4H8O2	88
Hydrazine, 1,1-dimethyl-	57-14-7	NIST02.l	269	50	C2H8N2	60
Butanoic acid	107-92-6	NIST02.l	1989	50	C4H8O2	88



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

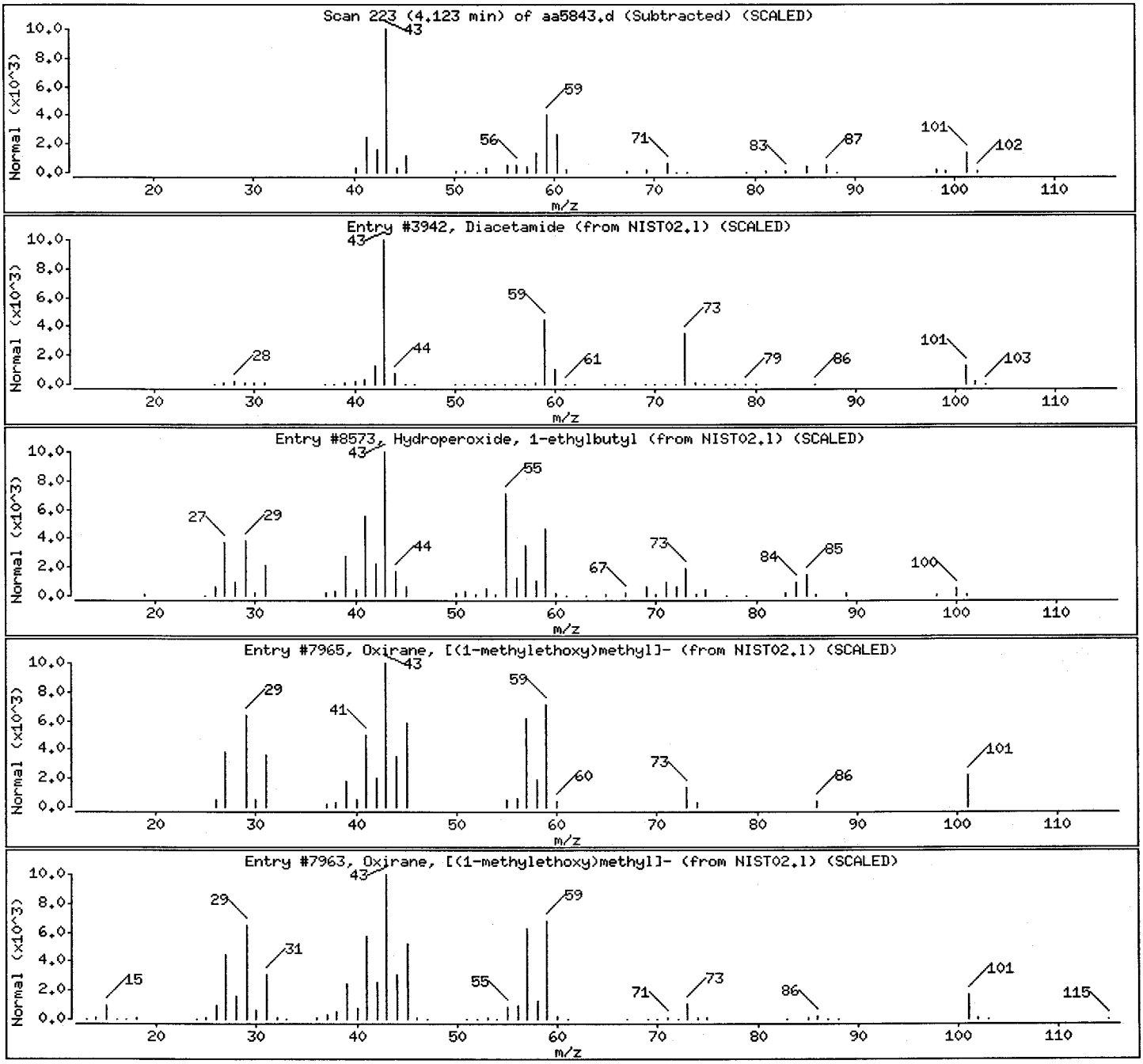
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Diacetamide	625-77-4	NIST02.l	3942	33	C4H7NO2	101
Hydroperoxide, 1-ethylbutyl	24254-56-6	NIST02.l	8573	28	C6H14O2	118
Oxirane, [(1-methylethoxy)methyl]-	4016-14-2	NIST02.l	7965	28	C6H12O2	116
Oxirane, [(1-methylethoxy)methyl]-	4016-14-2	NIST02.l	7963	28	C6H12O2	116



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

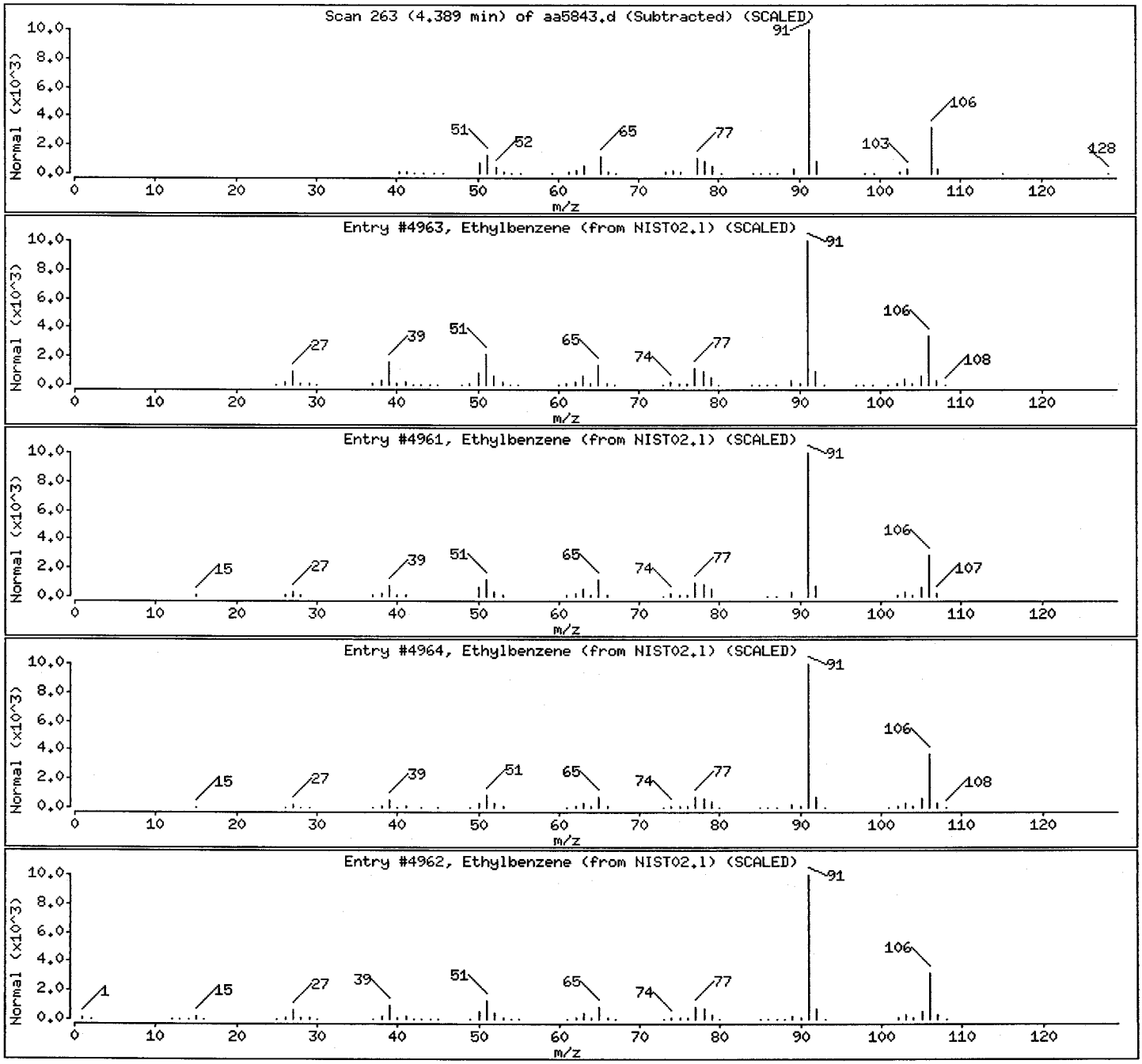
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4963	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

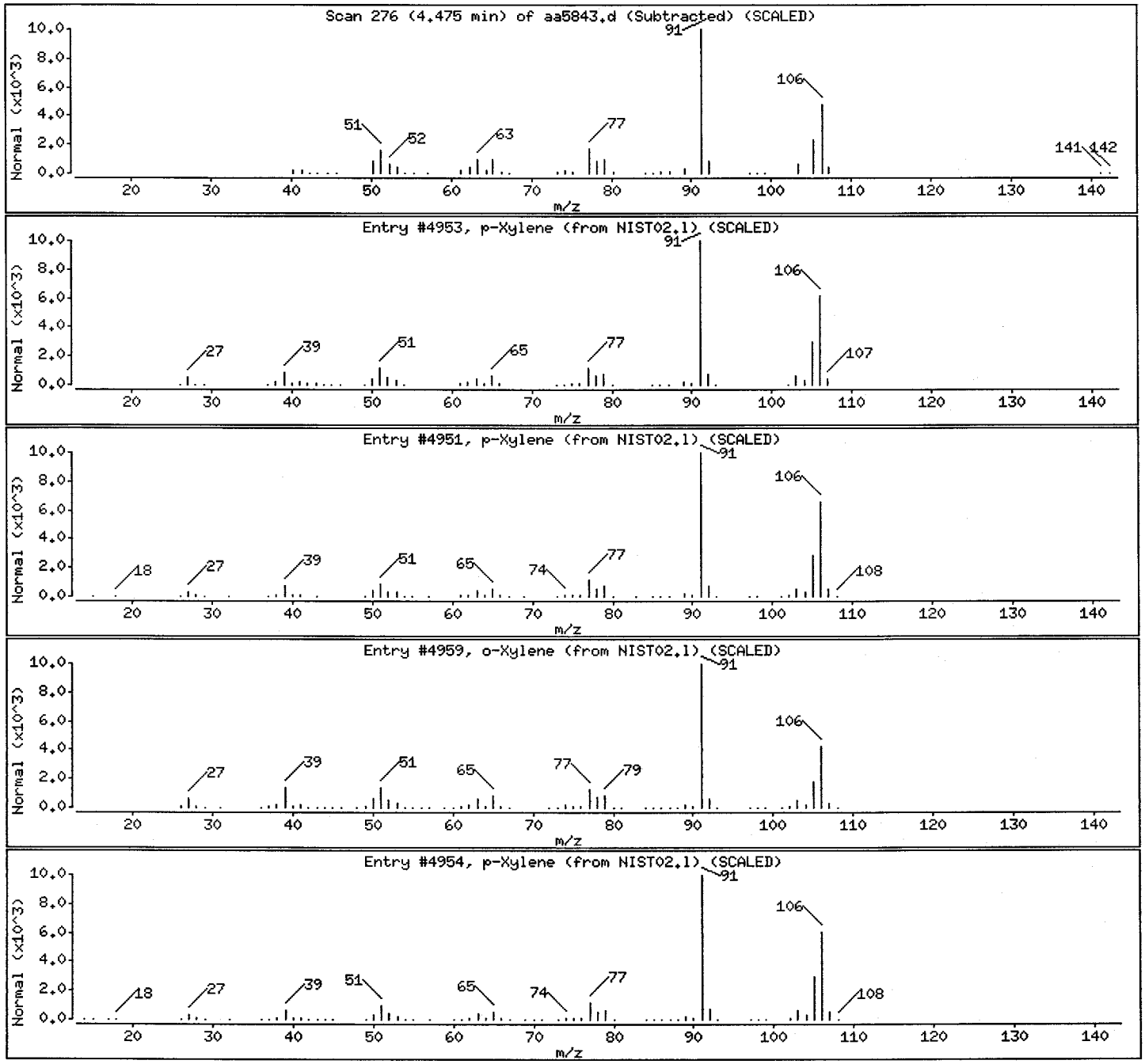
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
p-Xylene	106-42-3	NIST02.l	4953	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4951	94	C8H10	106
o-Xylene	95-47-6	NIST02.l	4959	93	C8H10	106
p-Xylene	106-42-3	NIST02.l	4954	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

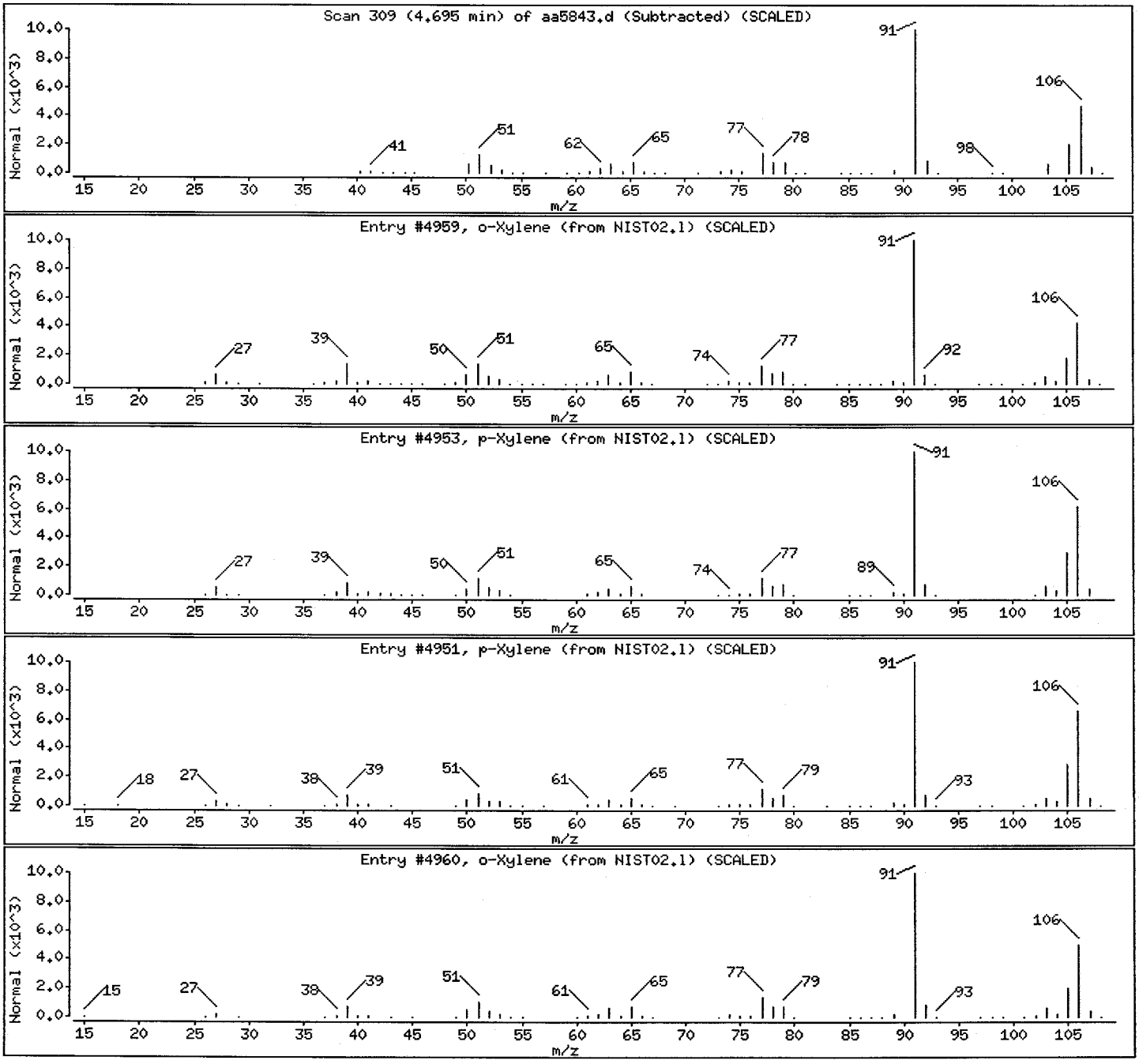
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
o-Xylene	95-47-6	NIST02.l	4959	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4953	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4951	94	C8H10	106
o-Xylene	95-47-6	NIST02.l	4960	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

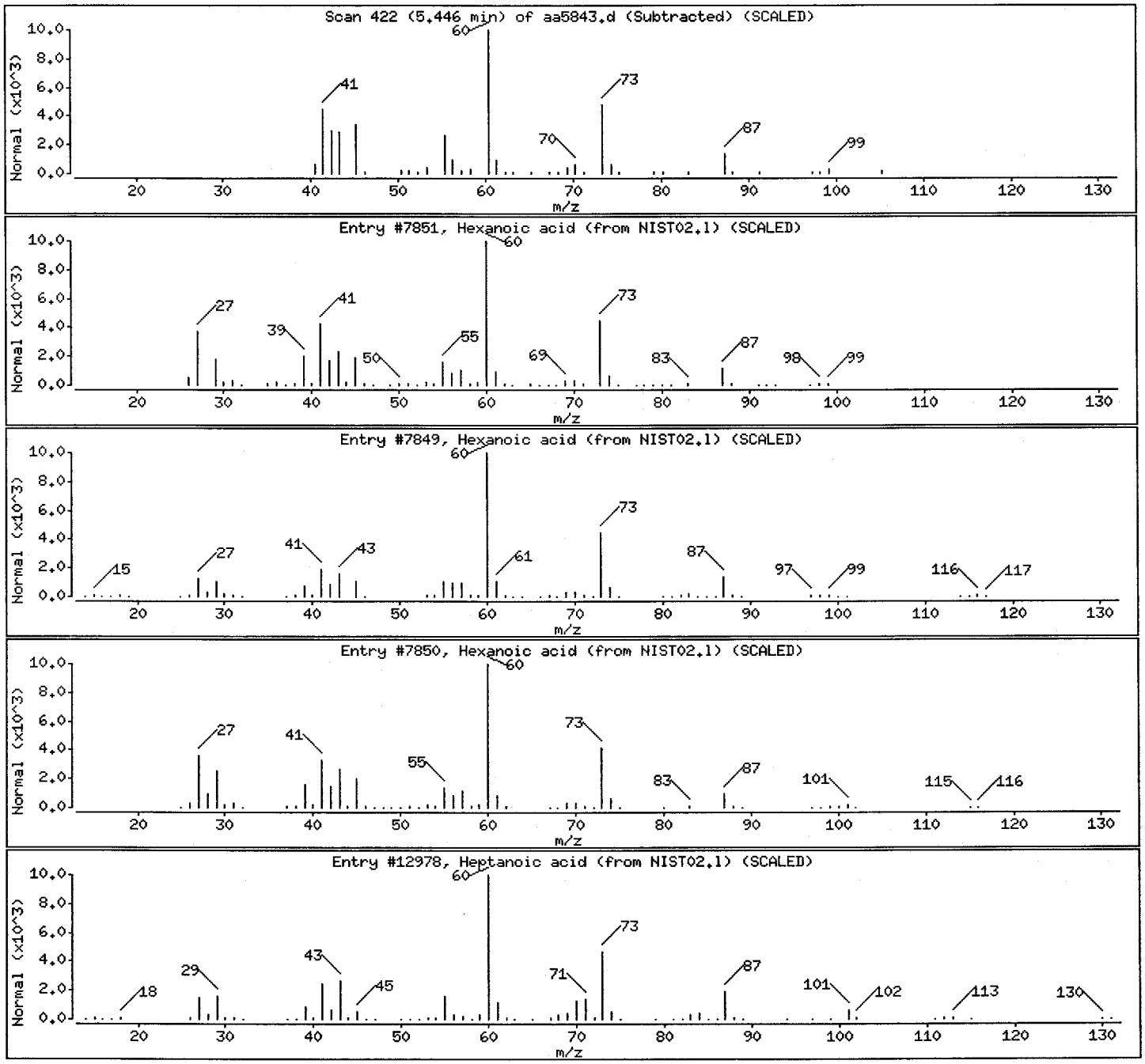
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexanoic acid	142-62-1	NIST02.l	7851	78	C6H12O2	116
Hexanoic acid	142-62-1	NIST02.l	7849	64	C6H12O2	116
Hexanoic acid	142-62-1	NIST02.l	7850	56	C6H12O2	116
Heptanoic acid	111-14-8	NIST02.l	12978	50	C7H14O2	130



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

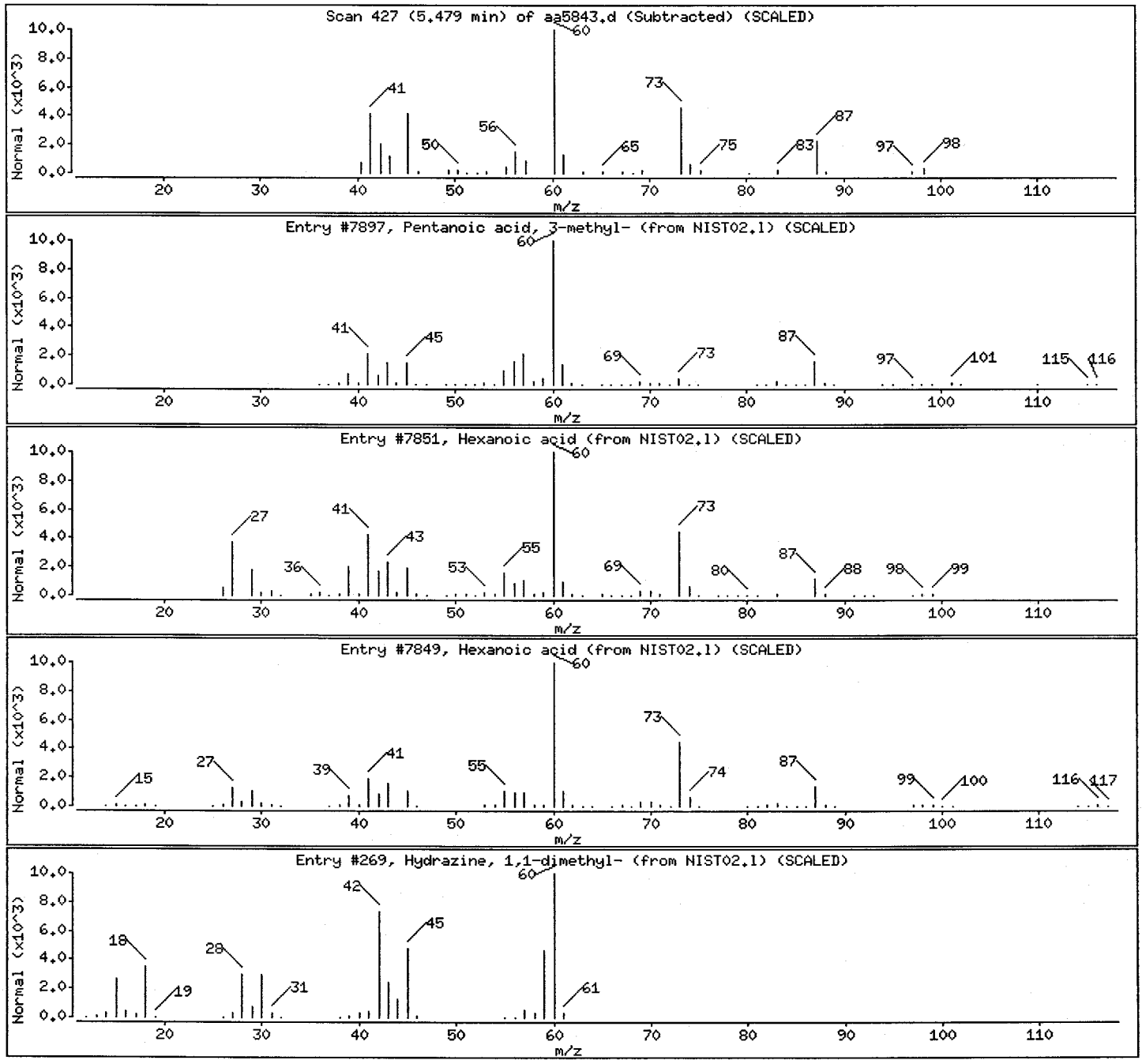
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Organic Acid						
Pentanoic acid, 3-methyl-	105-43-1	NIST02.l	7897	59	C6H12O2	116
Hexanoic acid	142-62-1	NIST02.l	7851	50	C6H12O2	116
Hexanoic acid	142-62-1	NIST02.l	7849	42	C6H12O2	116
Hydrazine, 1,1-dimethyl-	57-14-7	NIST02.l	269	38	C2H8N2	60



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

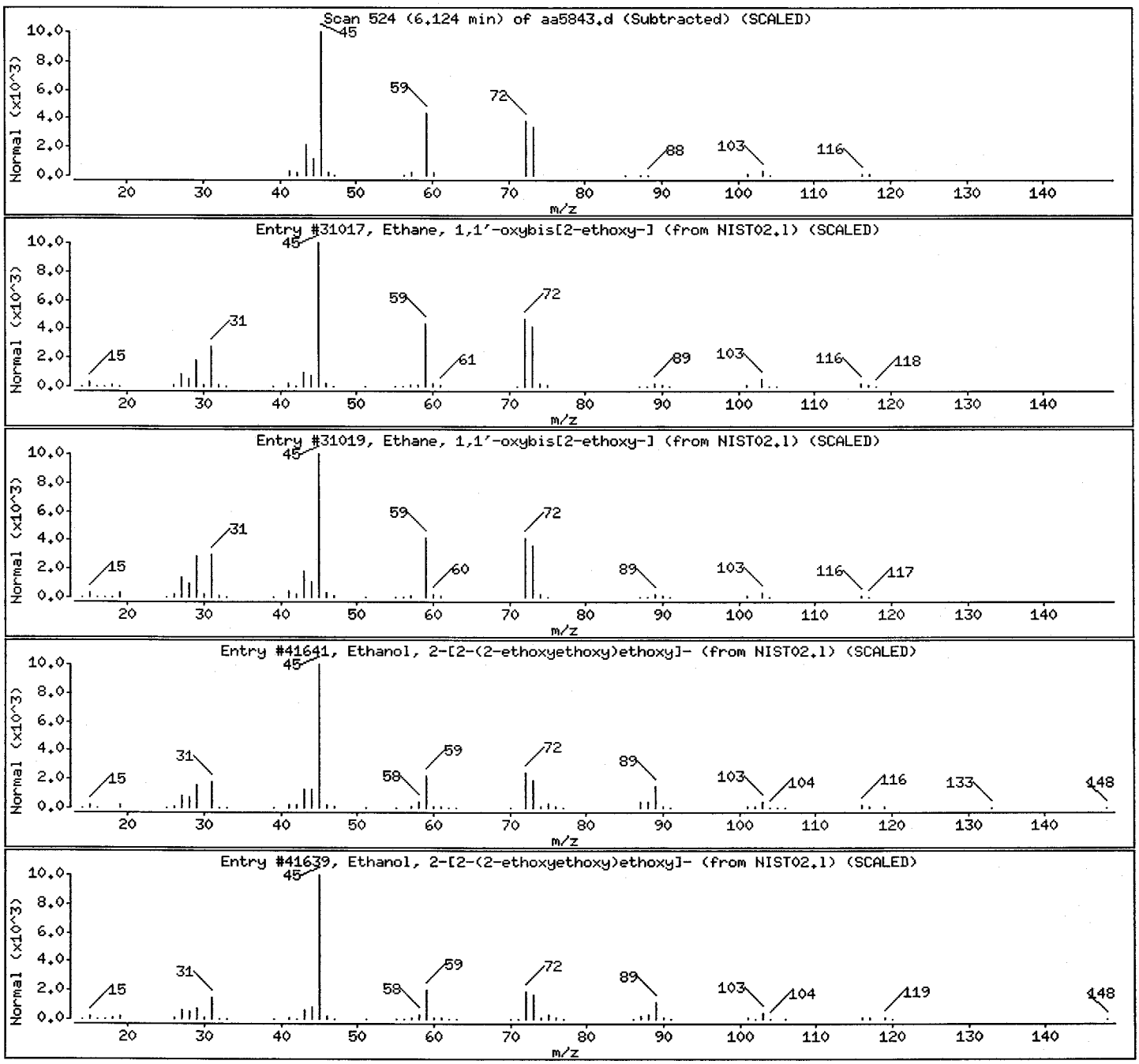
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31017	83	C8H18O3	162
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31019	83	C8H18O3	162
Ethanol, 2-[2-(2-ethoxyethoxy)ethoxy]-	112-50-5	NIST02.l	41641	78	C8H18O4	178
Ethanol, 2-[2-(2-ethoxyethoxy)ethoxy]-	112-50-5	NIST02.l	41639	78	C8H18O4	178



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

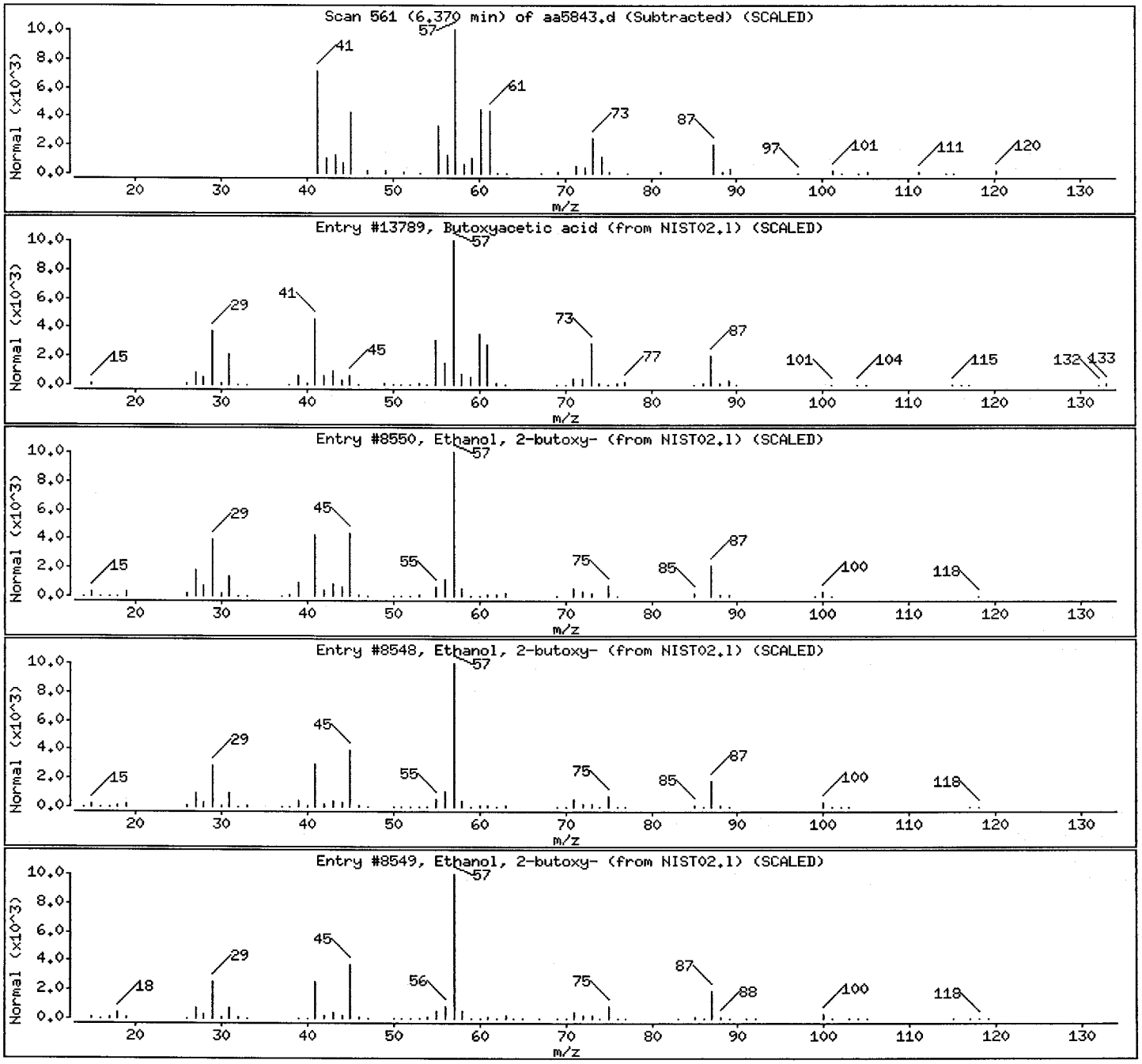
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	43	C6H12O3	132
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8550	35	C6H14O2	118
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8548	25	C6H14O2	118
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8549	25	C6H14O2	118



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

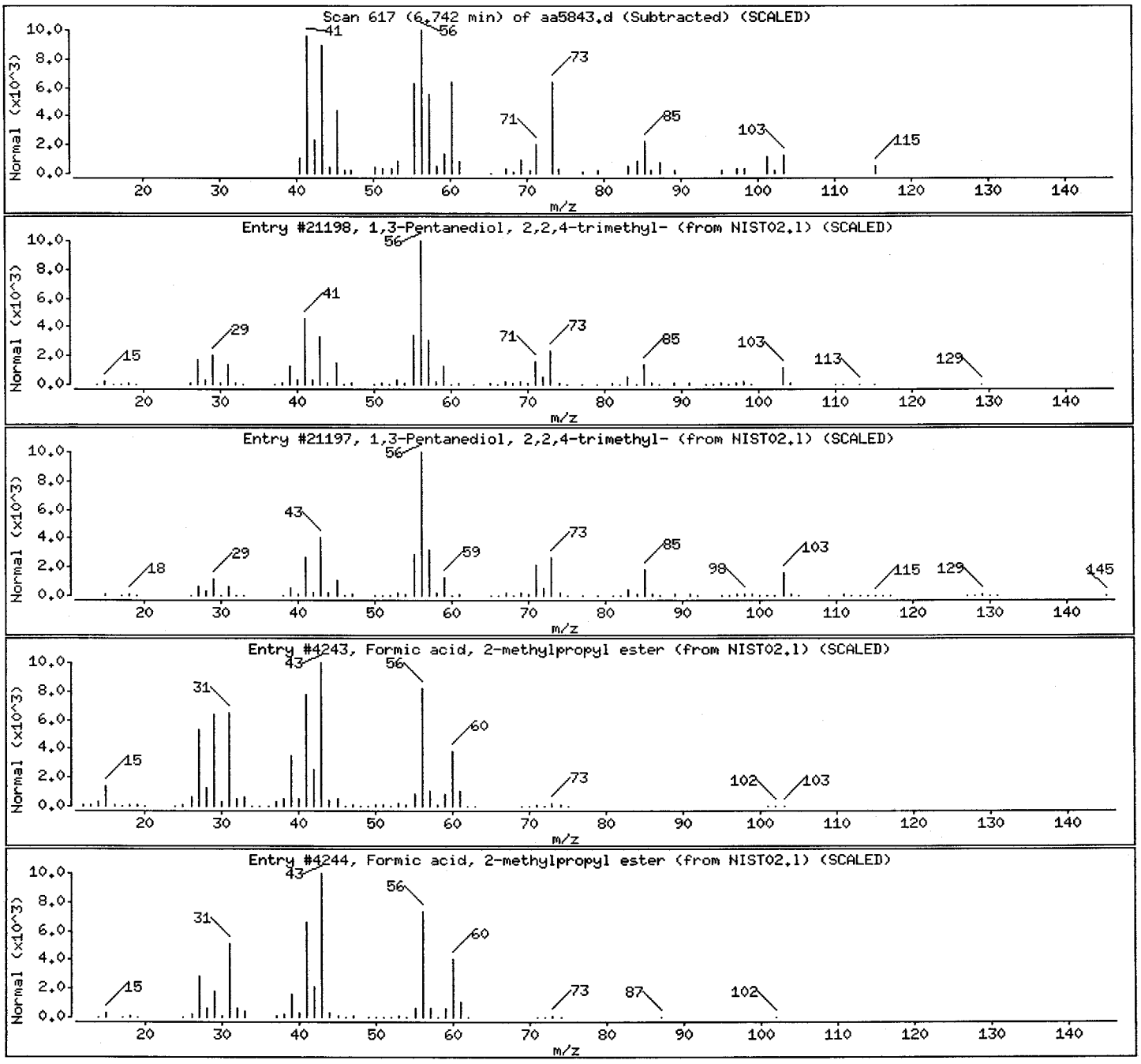
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,3-Pentanediol, 2,2,4-trimethyl-	144-19-4	NIST02.l	21198	47	C8H18O2	146
1,3-Pentanediol, 2,2,4-trimethyl-	144-19-4	NIST02.l	21197	47	C8H18O2	146
Formic acid, 2-methylpropyl ester	542-55-2	NIST02.l	4243	43	C5H10O2	102
Formic acid, 2-methylpropyl ester	542-55-2	NIST02.l	4244	43	C5H10O2	102



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

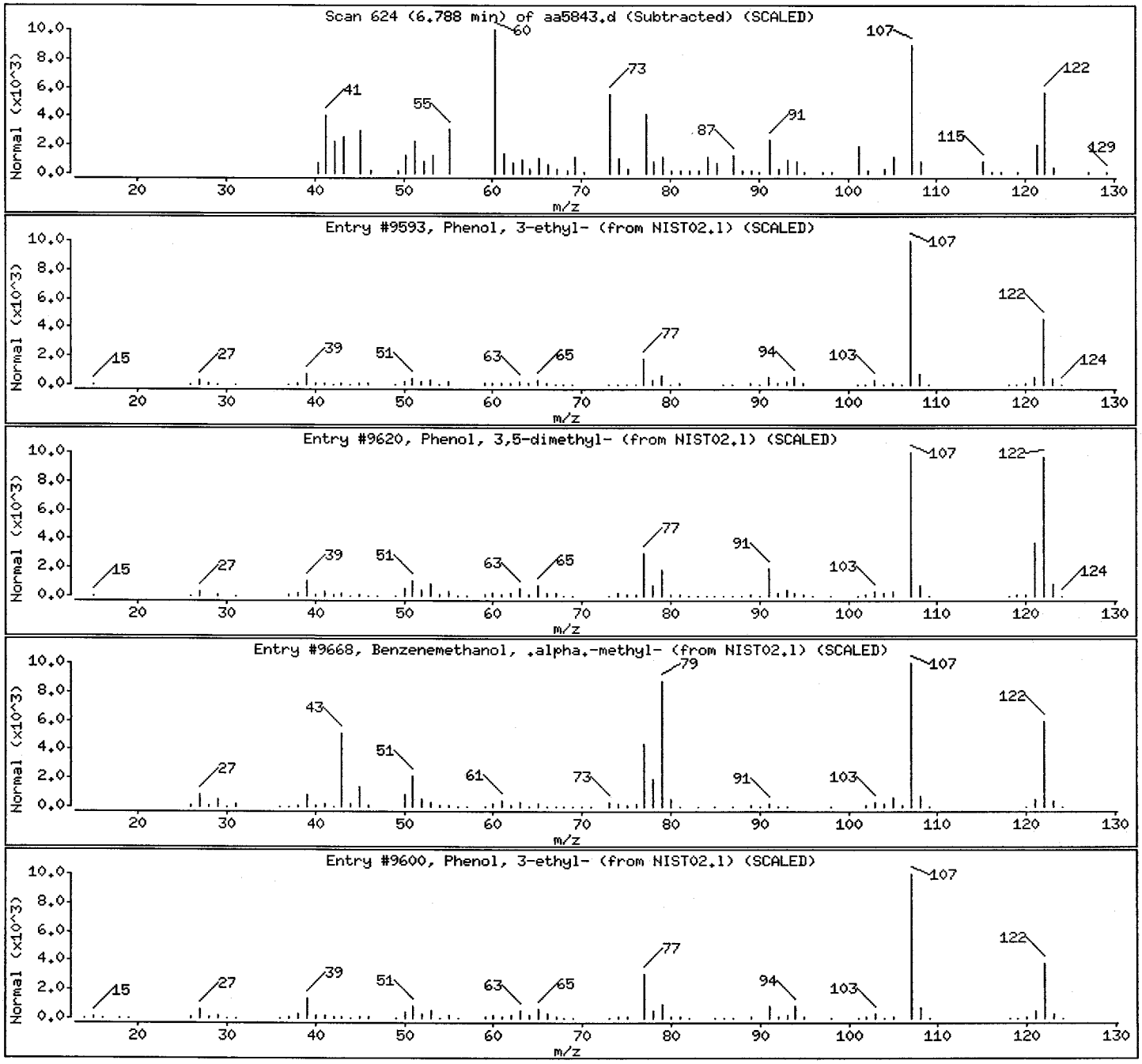
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Phenol, 3-ethyl-	620-17-7	NIST02.l	9593	60	C8H10O	122
Phenol, 3,5-dimethyl-	108-68-9	NIST02.l	9620	55	C8H10O	122
Benzenemethanol, .alpha.-methyl-	98-85-1	NIST02.l	9668	53	C8H10O	122
Phenol, 3-ethyl-	620-17-7	NIST02.l	9600	50	C8H10O	122



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

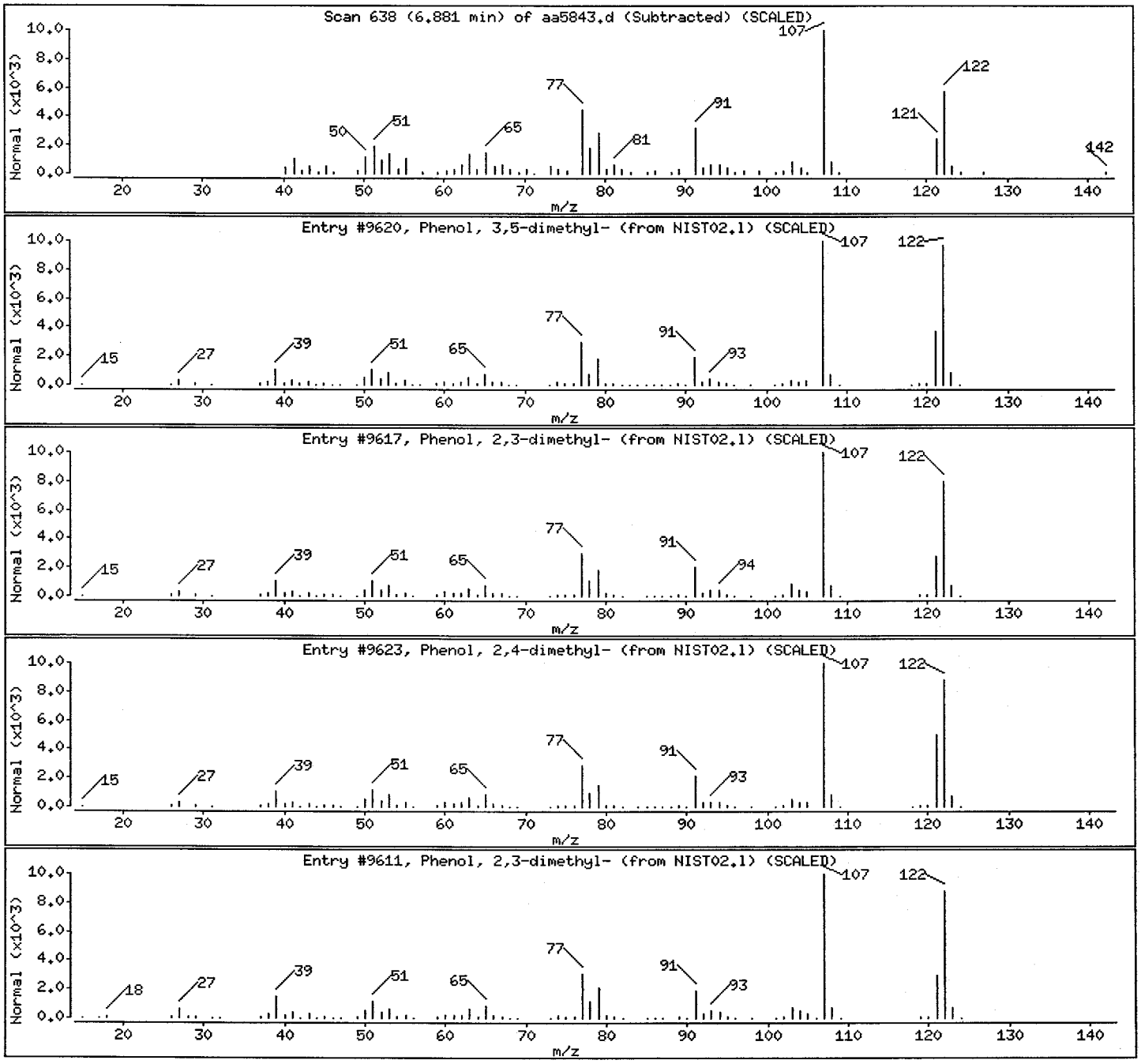
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylphenol isomer						
Phenol, 3,5-dimethyl-	108-68-9	NIST02.l	9620	97	C8H10O	122
Phenol, 2,3-dimethyl-	526-75-0	NIST02.l	9617	96	C8H10O	122
Phenol, 2,4-dimethyl-	105-67-9	NIST02.l	9623	95	C8H10O	122
Phenol, 2,3-dimethyl-	526-75-0	NIST02.l	9611	95	C8H10O	122



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

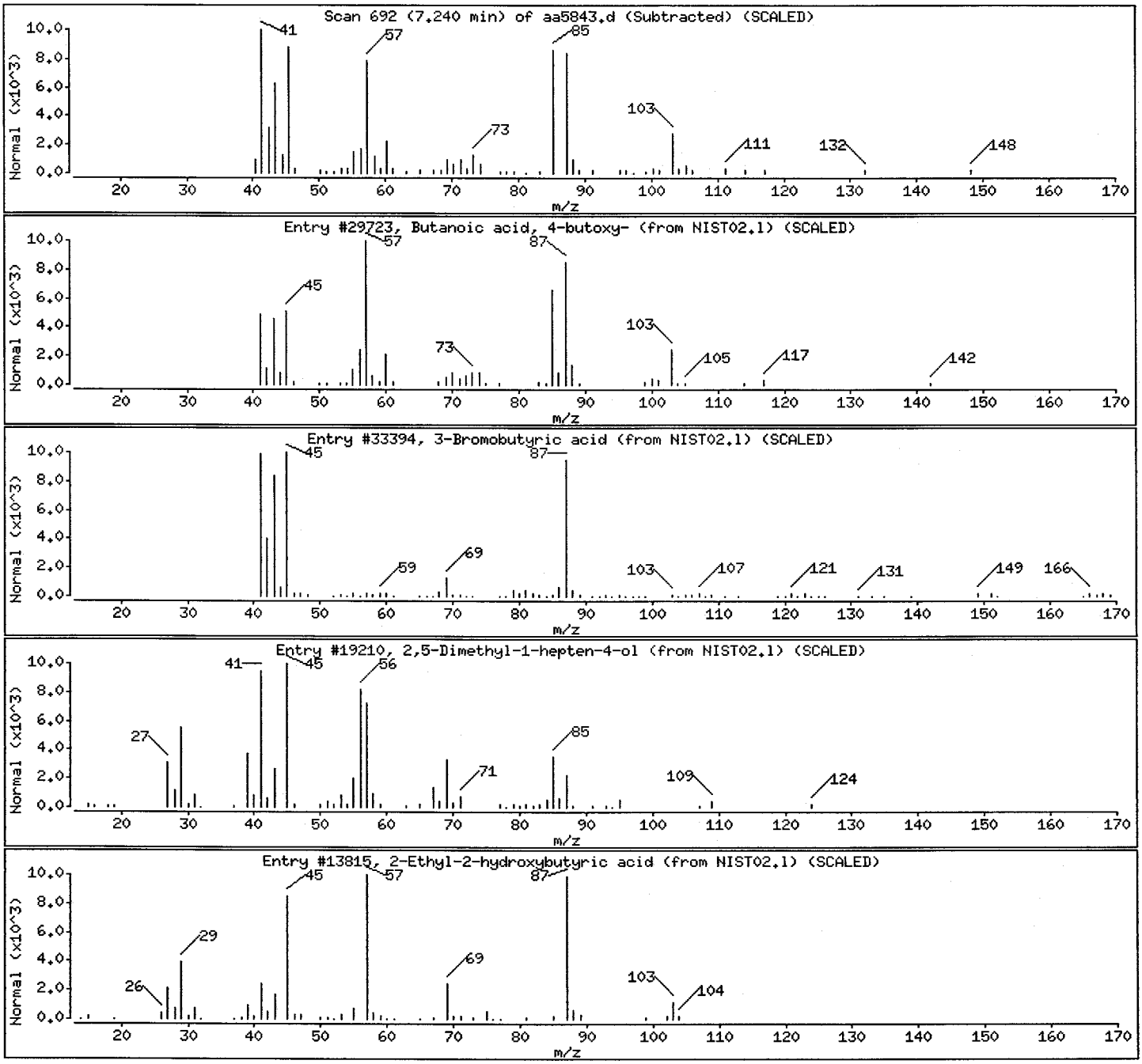
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Butanoic acid, 4-butoxy-	55724-73-7	NIST02.l	29723	50	C8H16O3	160
3-Bromobutyric acid	1000131-80-6	NIST02.l	33394	43	C4H7BrO2	166
2,5-Dimethyl-1-hepten-4-ol	19549-95-2	NIST02.l	19210	40	C9H18O	142
2-Ethyl-2-hydroxybutyric acid	3639-21-2	NIST02.l	13815	37	C6H12O3	132



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

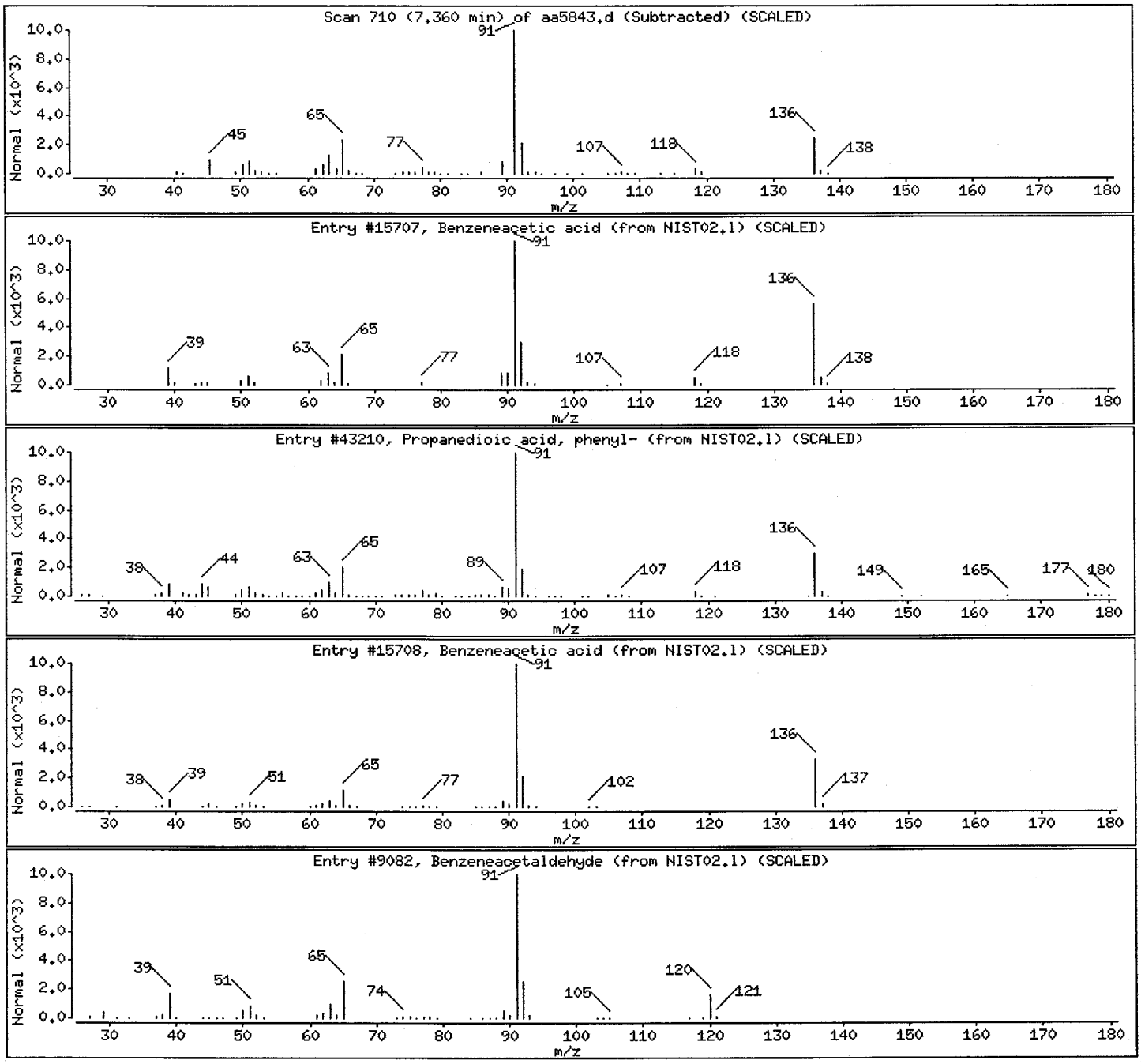
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzeneacetic acid	103-82-2	NIST02.l	15707	93	C8H8O2	136
Propanedioic acid, phenyl-	2613-89-0	NIST02.l	43210	86	C9H8O4	180
Benzeneacetic acid	103-82-2	NIST02.l	15708	72	C8H8O2	136
Benzeneacetaldehyde	122-78-1	NIST02.l	9082	53	C8H8O	120



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

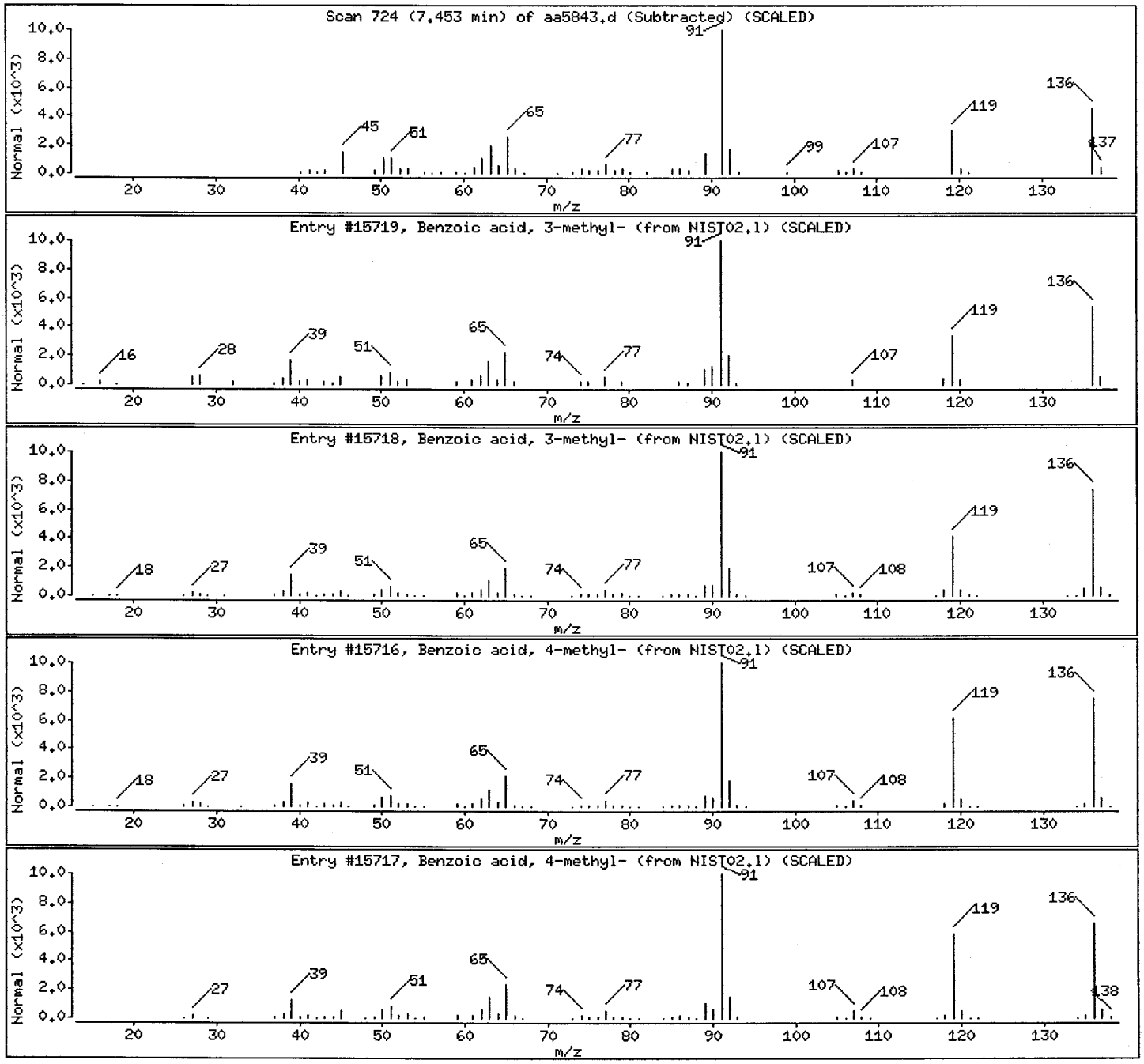
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylbenzoic acid isomer						
Benzoic acid, 3-methyl-	99-04-7	NIST02.l	15719	93	C8H802	136
Benzoic acid, 3-methyl-	99-04-7	NIST02.l	15718	91	C8H802	136
Benzoic acid, 4-methyl-	99-94-5	NIST02.l	15716	91	C8H802	136
Benzoic acid, 4-methyl-	99-94-5	NIST02.l	15717	91	C8H802	136



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

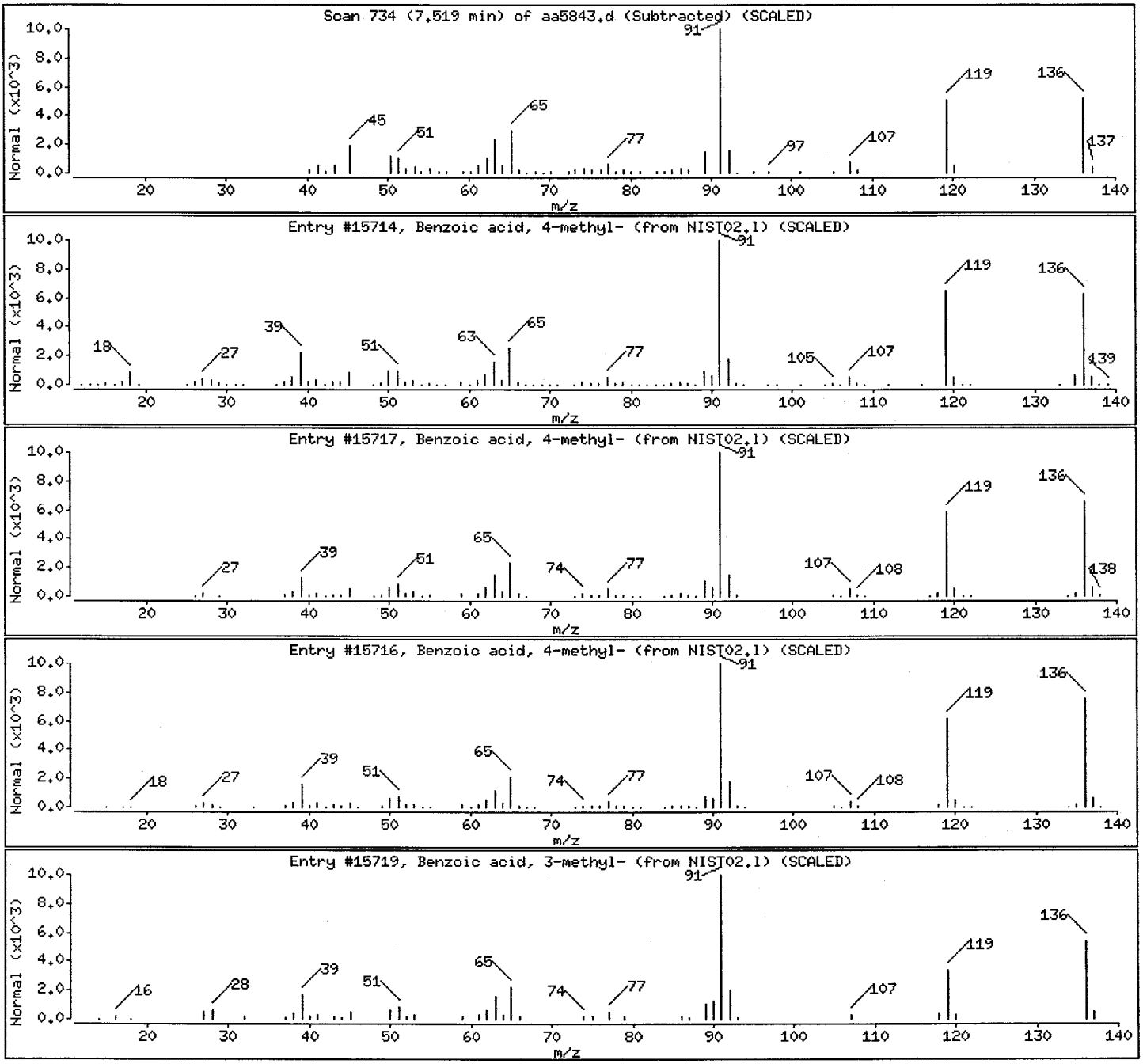
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylbenzoic acid isomer						
Benzoic acid, 4-methyl-	99-94-5	NIST02.l	15714	94	C8H8O2	136
Benzoic acid, 4-methyl-	99-94-5	NIST02.l	15717	91	C8H8O2	136
Benzoic acid, 4-methyl-	99-94-5	NIST02.l	15716	91	C8H8O2	136
Benzoic acid, 3-methyl-	99-04-7	NIST02.l	15719	72	C8H8O2	136



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

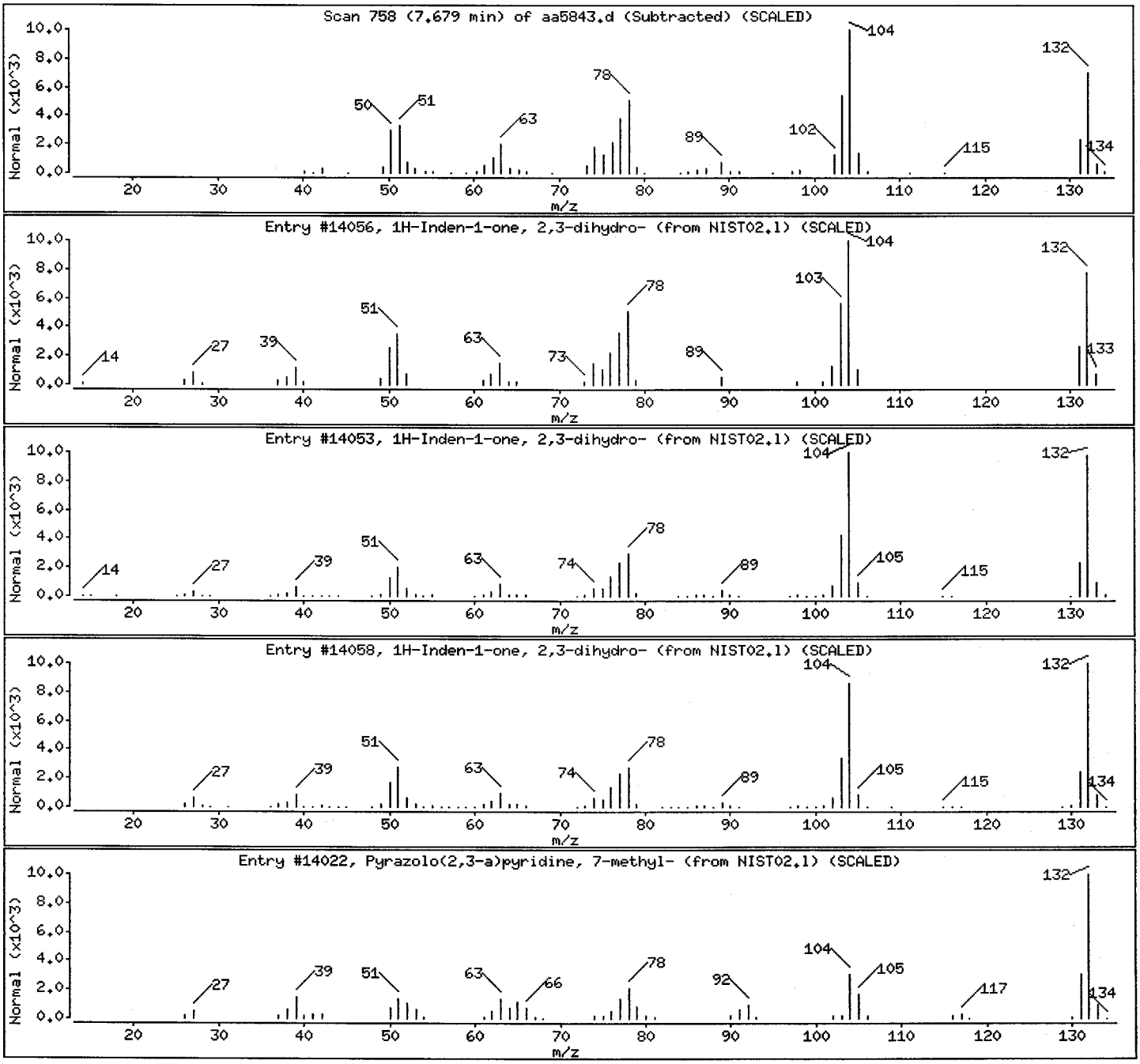
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1H-Inden-1-one, 2,3-dihydro-	83-33-0	NIST02.l	14056	98	C9H8O	132
1H-Inden-1-one, 2,3-dihydro-	83-33-0	NIST02.l	14053	94	C9H8O	132
1H-Inden-1-one, 2,3-dihydro-	83-33-0	NIST02.l	14058	89	C9H8O	132
Pyrazolo(2,3-a)pyridine, 7-methyl-	34760-58-2	NIST02.l	14022	74	C8H8N2	132



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

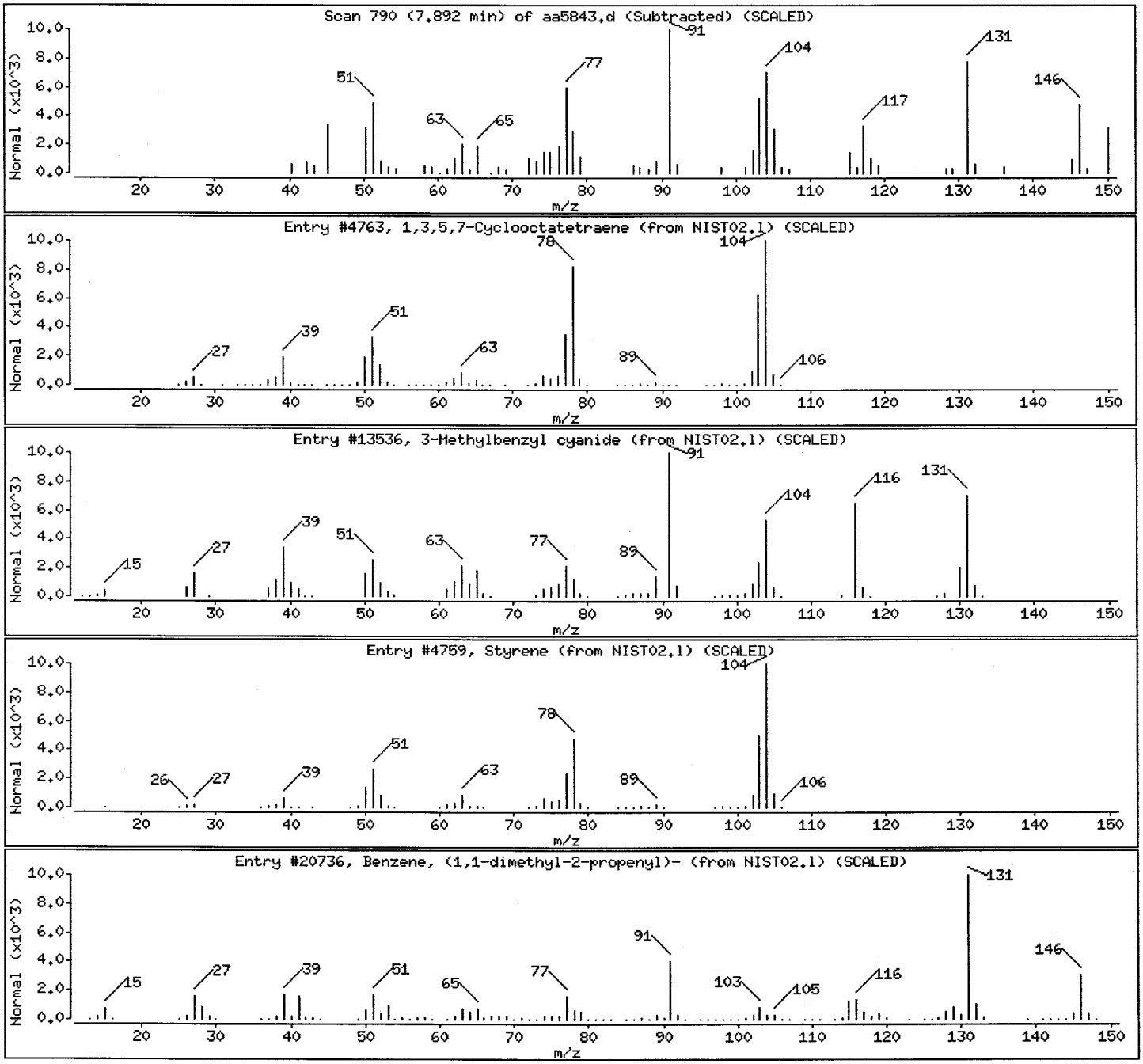
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,3,5,7-Cyclooctatetraene	629-20-9	NIST02.l	4763	46	C8H8	104
3-Methylbenzyl cyanide	2947-60-6	NIST02.l	13536	43	C9H9N	131
Styrene	100-42-5	NIST02.l	4759	41	C8H8	104
Benzene, (1,1-dimethyl-2-propenyl)-	18321-36-3	NIST02.l	20736	35	C11H14	146



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

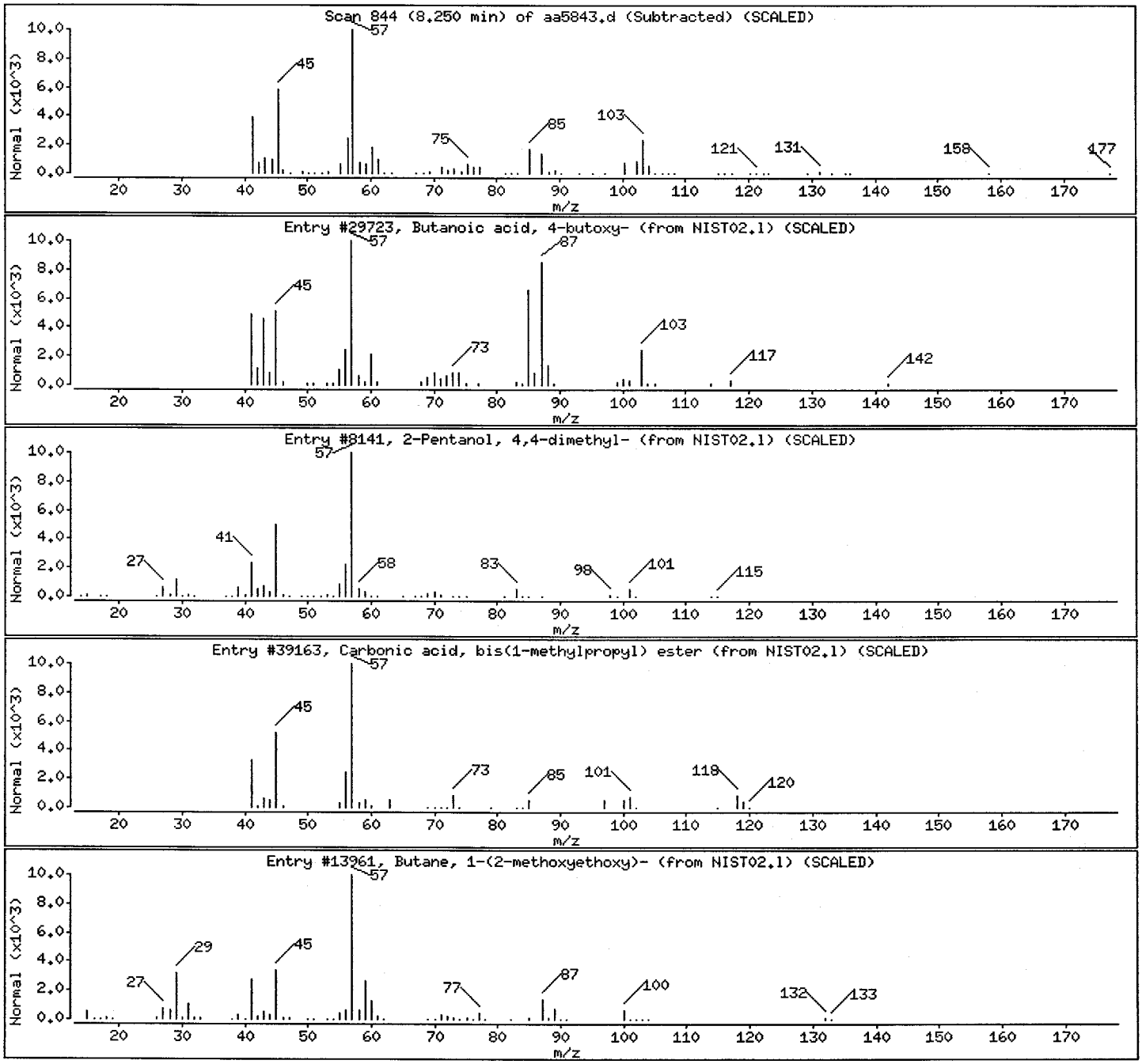
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Butanoic acid, 4-butoxy-	55724-73-7	NIST02.l	29723	42	C8H1603	160
2-Pentanol, 4,4-dimethyl-	6144-93-0	NIST02.l	8141	38	C7H160	116
Carbonic acid, bis(1-methylpropyl) ester	623-63-2	NIST02.l	39163	37	C9H1803	174
Butane, 1-(2-methoxyethoxy)-	13343-98-1	NIST02.l	13961	37	C7H1602	132



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

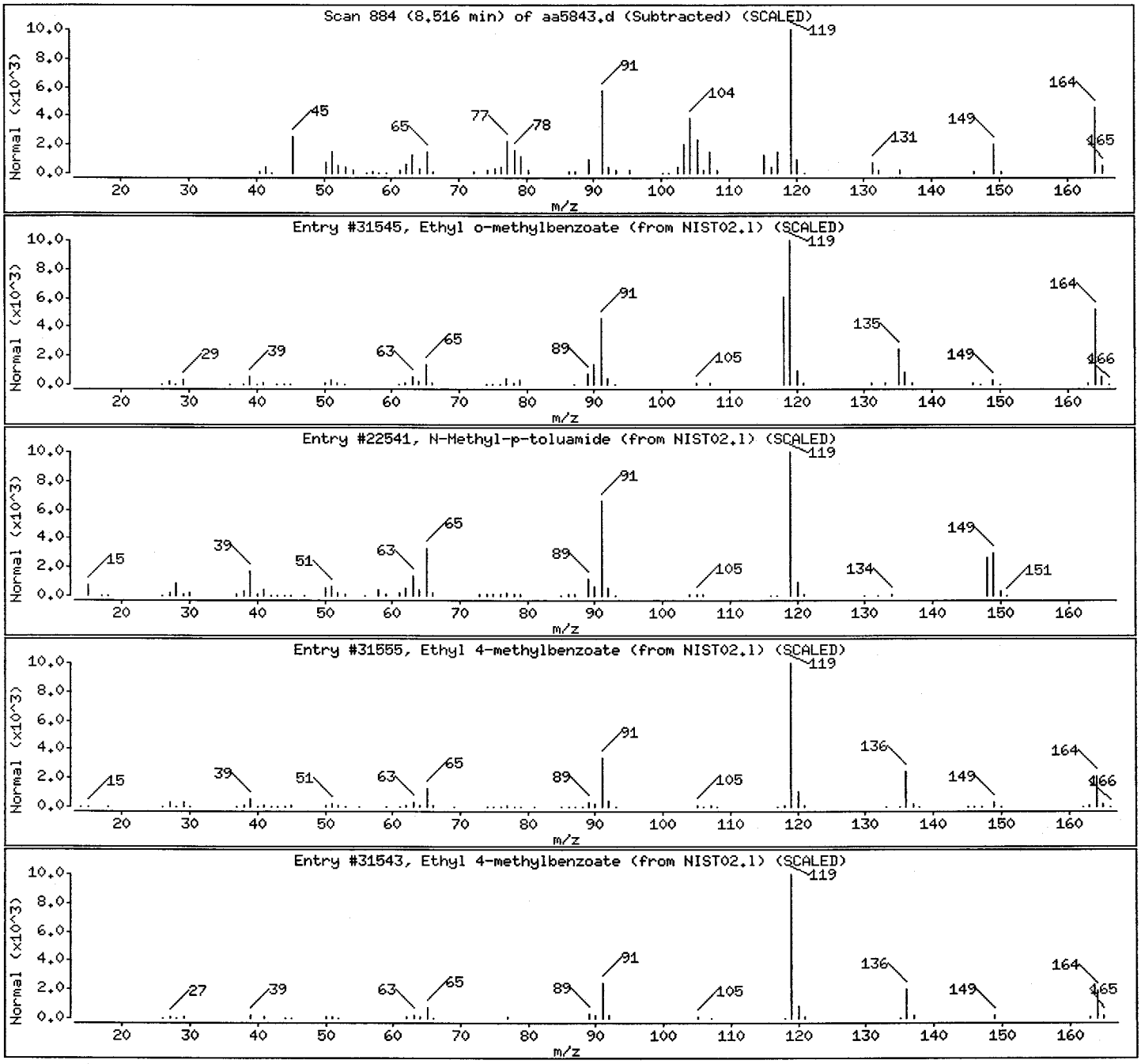
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethyl o-methylbenzoate	87-24-1	NIST02.l	31545	49	C10H12O2	164
N-Methyl-p-toluamide	18370-11-1	NIST02.l	22541	46	C9H11NO	149
Ethyl 4-methylbenzoate	94-08-6	NIST02.l	31555	46	C10H12O2	164
Ethyl 4-methylbenzoate	94-08-6	NIST02.l	31543	43	C10H12O2	164



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

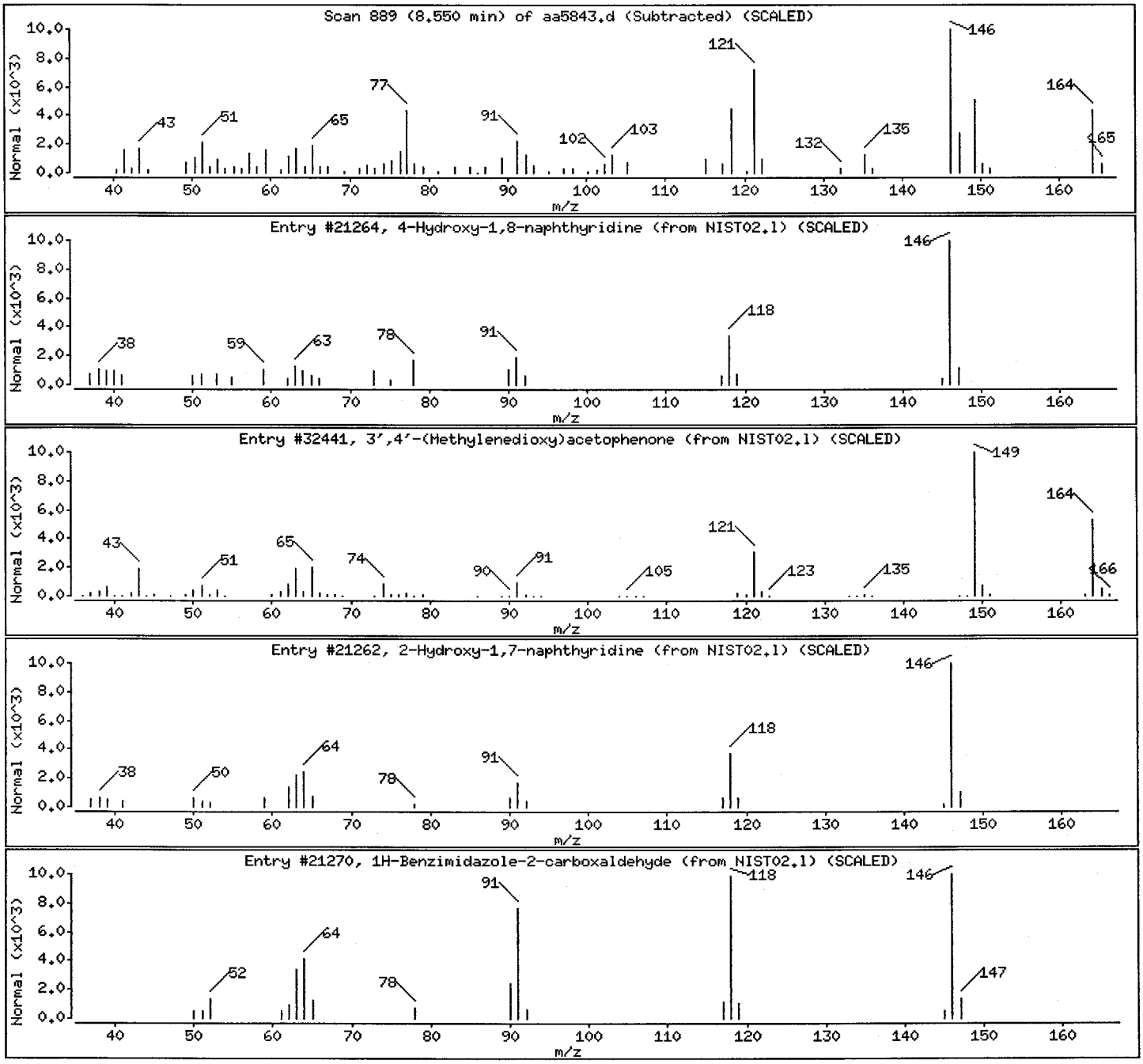
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4-Hydroxy-1,8-naphthyridine	54569-29-8	NIST02.l	21264	30	C8H6N2O	146
3',4'-(Methylenedioxy)acetophenone	3162-29-6	NIST02.l	32441	27	C9H8O3	164
2-Hydroxy-1,7-naphthyridine	54920-82-0	NIST02.l	21262	27	C8H6N2O	146
1H-Benzimidazole-2-carboxaldehyde	3314-30-5	NIST02.l	21270	27	C8H6N2O	146



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5843.d

Date : 12-AUG-2008 14:30

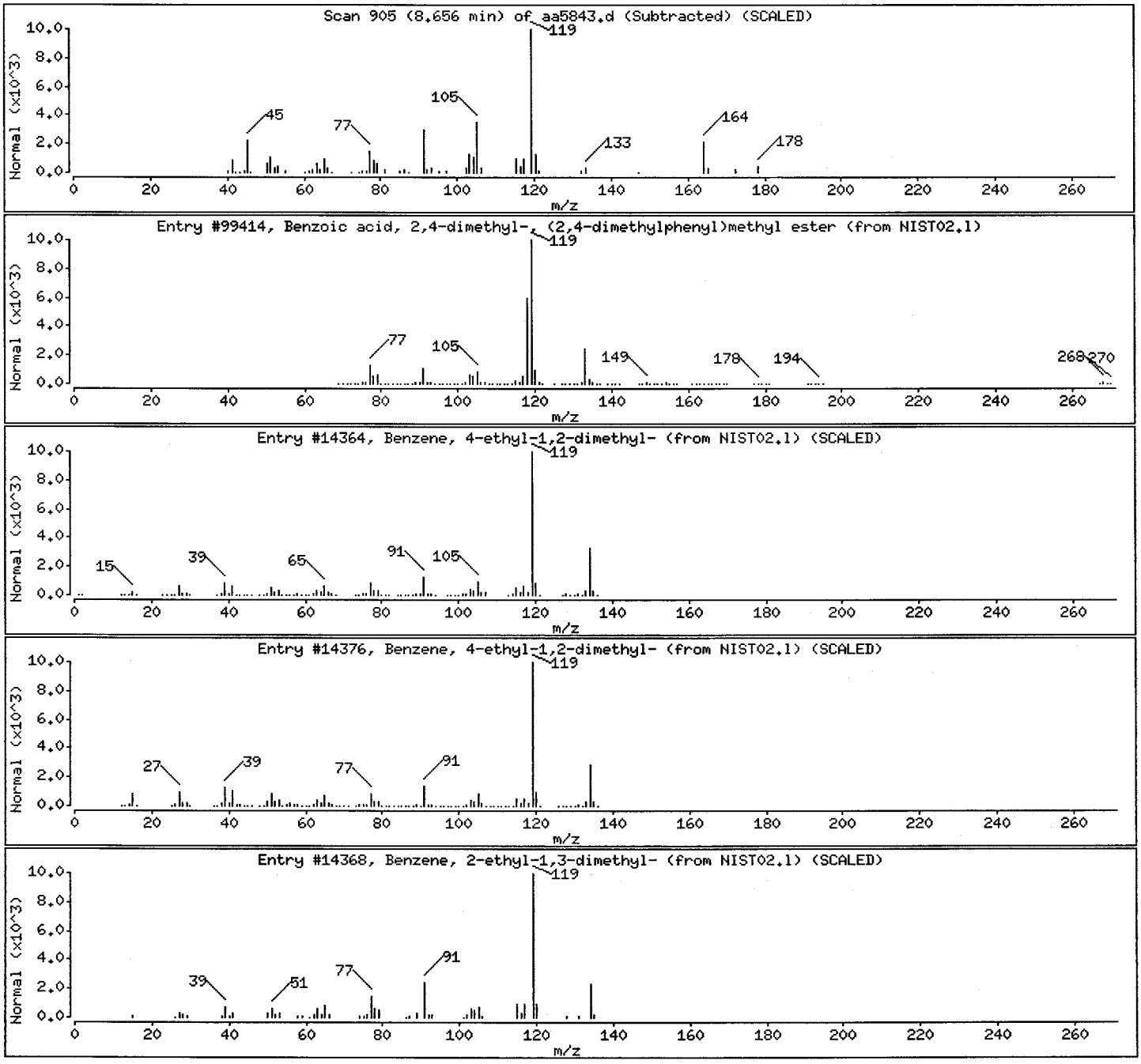
Client ID: 080508-07 Instrument: BNAMS8.i

Sample Info: 940360;4447051

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzoic acid, 2,4-dimethyl-, (2,4-dimeth	55000-43-6	NIST02.l	99414	59	C18H2002	268
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14364	53	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14376	53	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14368	52	C10H14	134



Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5844.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	21
2-Chlorophenol	ND	21
2-Methylphenol	ND	21
4-Methylphenol	6.6J	21
2-Nitrophenol	ND	21
2,4-Dimethylphenol	22	21
2,4-Dichlorophenol	ND	21
4-Chloro-3-methylphenol	ND	21
2,4,6-Trichlorophenol	ND	21
2,4,5-Trichlorophenol	ND	21
2,4-Dinitrophenol	ND	63
4-Nitrophenol	ND	63
4,6-Dinitro-2-methylphenol	ND	63
Pentachlorophenol	ND	63
bis(2-Chloroethyl)ether	ND	2.1
bis(2-chloroisopropyl)ether	ND	21
N-Nitroso-di-n-propylamine	ND	2.1
Hexachloroethane	ND	2.1
Nitrobenzene	ND	2.1
Isophorone	ND	21
bis(2-Chloroethoxy)methane	ND	21
Naphthalene	2.4J	21
4-Chloroaniline	ND	21
Hexachlorobutadiene	ND	4.2
2-Methylnaphthalene	ND	21
Hexachlorocyclopentadiene	ND	21
2-Chloronaphthalene	ND	21
2-Nitroaniline	ND	42
Dimethylphthalate	ND	21
Acenaphthylene	ND	21
2,6-Dinitrotoluene	ND	4.2
3-Nitroaniline	ND	42
Acenaphthene	ND	21
Dibenzofuran	ND	21

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5844.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	4.2
Diethylphthalate	ND	21
4-Chlorophenyl-phenylether	ND	21
Fluorene	ND	21
4-Nitroaniline	ND	42
N-Nitrosodiphenylamine	ND	21
4-Bromophenyl-phenylether	ND	21
Hexachlorobenzene	ND	2.1
Phenanthrene	ND	21
Anthracene	ND	21
Carbazole	ND	21
Di-n-butylphthalate	ND	21
Fluoranthene	ND	21
Pyrene	ND	21
Butylbenzylphthalate	ND	21
3,3'-Dichlorobenzidine	ND	42
Benzo(a)anthracene	ND	2.1
Chrysene	ND	21
bis(2-Ethylhexyl)phthalate	ND	21
Di-n-octylphthalate	ND	21
Benzo(b)fluoranthene	ND	2.1
Benzo(k)fluoranthene	ND	2.1
Benzo(a)pyrene	ND	2.1
Indeno(1,2,3-cd)pyrene	ND	2.1
Dibenz(a,h)anthracene	ND	2.1
Benzo(g,h,i)perylene	ND	21
Diphenyl	ND	21
Acetophenone	2.1J	21
Benzaldehyde	ND	21
Caprolactam	ND	21
Atrazine	ND	21

Client ID: **080508-08**
Site: GM Wilmington-17338

Lab Sample No: **940361**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/12/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5844.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 2.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Propanoic acid, 2-methyl-	3.19	37	
2.	Toluene	3.39	230	
3.	Butanoic acid	3.54	82	
4.	Ethylbenzene	4.34	1500	
5.	Xylene isomer	4.43	2600	
6.	Xylene isomer	4.66	130	
7.	Ethanol, 2-butoxy-	4.71	380	
8.	Unknown Organic Acid	5.45	390	
9.	Unknown	5.81	22	
10.	Unknown	6.53	4100	
11.	Hexanoic acid, 2-ethyl-	6.56	27	
12.	Unknown Organic Acid	6.83	60	
13.	Octanoic Acid	6.89	290	
14.	Ethanol, 2-(2-butoxyethoxy)-	7.01	1200	
15.	Unknown	7.26	280	
16.	Unknown	8.26	5300	
17.	Unknown	8.78	18	
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	16646

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d
Report Date: 23-Aug-2008 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d
Lab Smp Id: 940361 Client Smp ID: 080508-08
Inj Date : 12-AUG-2008 14:54
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940361;4447077
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/8270Cdel_08.m
Meth Date : 23-Aug-2008 12:26 rusin Quant Type: ISTD
Cal Date : 12-AUG-2008 10:32 Cal File: aa5834.d
Als bottle: 11
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

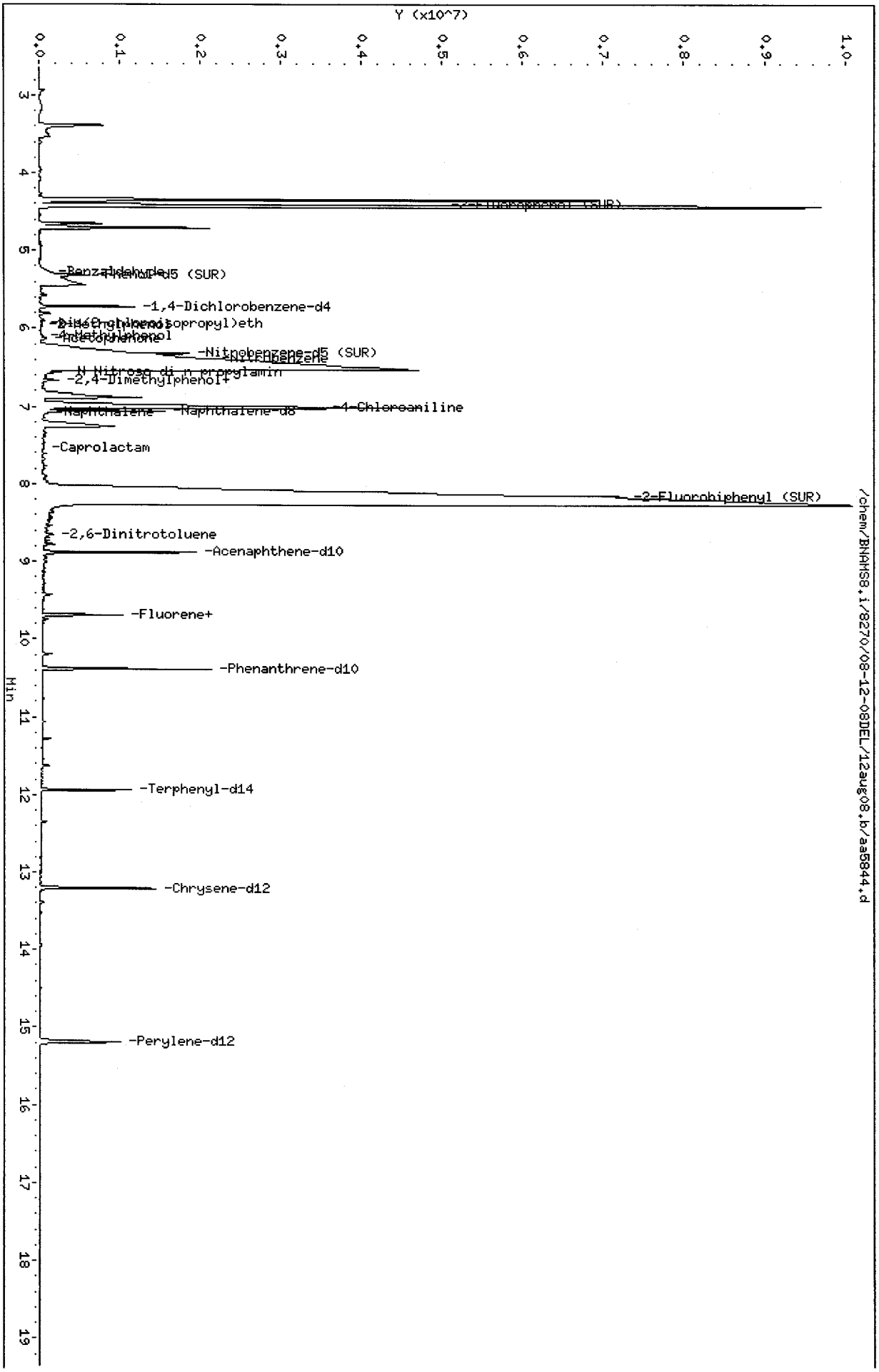
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$	16 2-Fluorophenol (SUR)	112	4.409	4.393	(0.771)	165021	38.6621	160(R)
	~~110 Benzaldehyde~~	~~77~~	~~5.280~~	~~5.276~~	~~(0.923)~~	~~1222~~	~~0.33521~~	~~1.4(a)~~
$	17 Phenol-d5 (SUR)	99	5.313	5.310	(0.929)	98406	17.9548	76
*	79 1,4-Dichlorobenzene-d4	152	5.719	5.715	(1.000)	159829	40.0000	
	~~3 2-Methylphenol~~	~~108~~	~~5.951~~	~~5.954~~	~~(1.041)~~	~~625~~	~~0.14426~~	~~0.61(a)~~
	~~34 bis(2-chloroisopropyl)ether~~	~~45~~	~~5.930~~	~~6.001~~	~~(1.030)~~	~~1600~~	~~0.19146~~	~~0.81(a)~~
	4 4-Methylphenol	108	6.097	6.101	(1.066)	7270	1.57343	6.6(a)
	104 Acetophenone	105	6.144	6.147	(1.074)	4133	0.49937	2.1(a)
	~~25 N-Nitroso-di-n-propylamine~~	~~70~~	~~6.569~~	~~6.147~~	~~(1.149)~~	~~1328~~	~~0.29459~~	~~1.2(a)~~
$	76 Nitrobenzene-d5 (SUR)	82	6.317	6.320	(0.895)	177677	24.5207	100
	~~27 Nitrobenzene~~	~~77~~	~~6.383~~	~~6.340~~	~~(0.904)~~	~~1194~~	~~0.13269~~	~~0.52(a)~~
	6 2,4-Dimethylphenol	122	6.669	6.659	(0.944)	25648	5.20017	22
	~~29 bis(2-Chloroethoxy)methane~~	~~93~~	~~6.669~~	~~6.759~~	~~(0.944)~~	~~1484~~	~~0.23108~~	~~0.97(a)~~
*	80 Naphthalene-d8	136	7.061	7.058	(1.000)	630529	40.0000	
	31 Naphthalene	128	7.081	7.078	(1.003)	8263	0.57217	2.4(a)

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d
Report Date: 23-Aug-2008 12:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	32 4-Chloroaniline	127	7.001	7.124	(0.992)	881	0.14978	0.63(a)
	111 Caprolactam	113	7.546	7.463	(1.069)	441	0.25170	1.0(a)
$	77 2-Fluorobiphenyl (SUR)	172	8.151	8.148	(0.918)	233317	19.2461	81(M)
	40 2,6-Dinitrotoluene	165	8.656	8.673	(0.975)	614	0.18556	0.78(a)
*	82 Acenaphthene-d10	164	8.882	8.879	(1.000)	436402	40.0000	
	47 Fluorene	166	9.693	9.410	(1.091)	4292	0.33589	1.4(a)
$	18 2,4,6-Tribromophenol (SUR)	330	9.693	9.683	(1.091)	90332	47.5843	200
	50 4-Bromophenyl phenylether	248	9.693	9.876	(0.933)	6297	1.84996	7.8(a)
*	83 Phenanthrene-d10	188	10.384	10.374	(1.000)	677842	40.0000	
$	78 Terphenyl-d14	244	11.940	11.936	(0.904)	306662	24.9539	100
*	81 Chrysene-d12	240	13.209	13.212	(1.000)	627961	40.0000	
*	84 Perylene-d12	264	15.196	15.199	(1.000)	566341	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.


Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d
Date : 12-AUG-2008 14:54
Client ID: 080508-08
Sample Info: 940361;4447077
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d
Y (x10^7)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-2,4-Dimethylphenol+
-Naphthalene-d8
-Caprolactam
-2-Fluorobiphenyl (SUR)
-2,6-Dinitrotoluene
-Acenaphthene-d10
-Fluorene+
-Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Perylene-d12

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

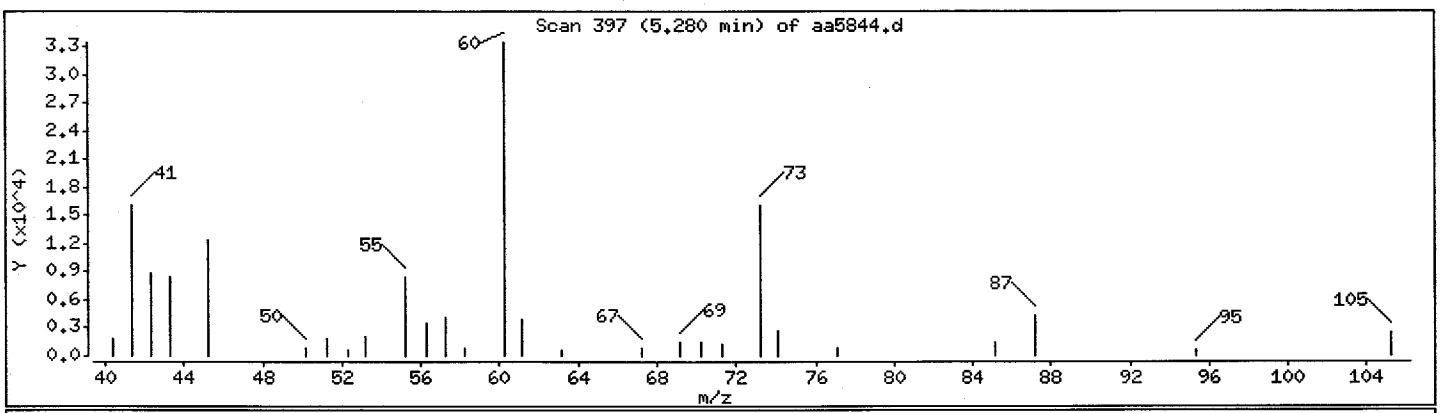
Client ID: 080508-08 Instrument: BNAMS8.i

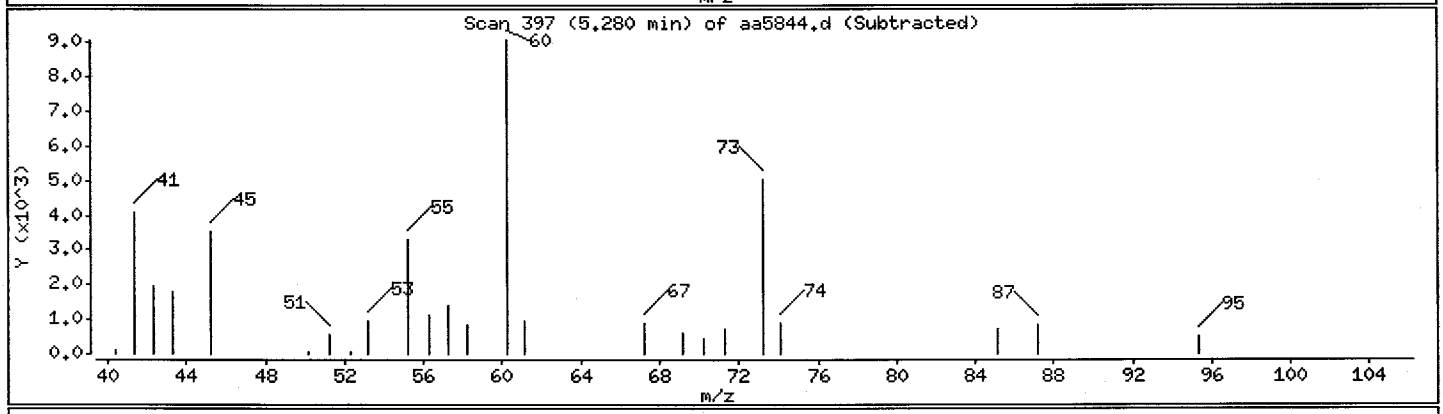
Sample Info: 940361;4447077

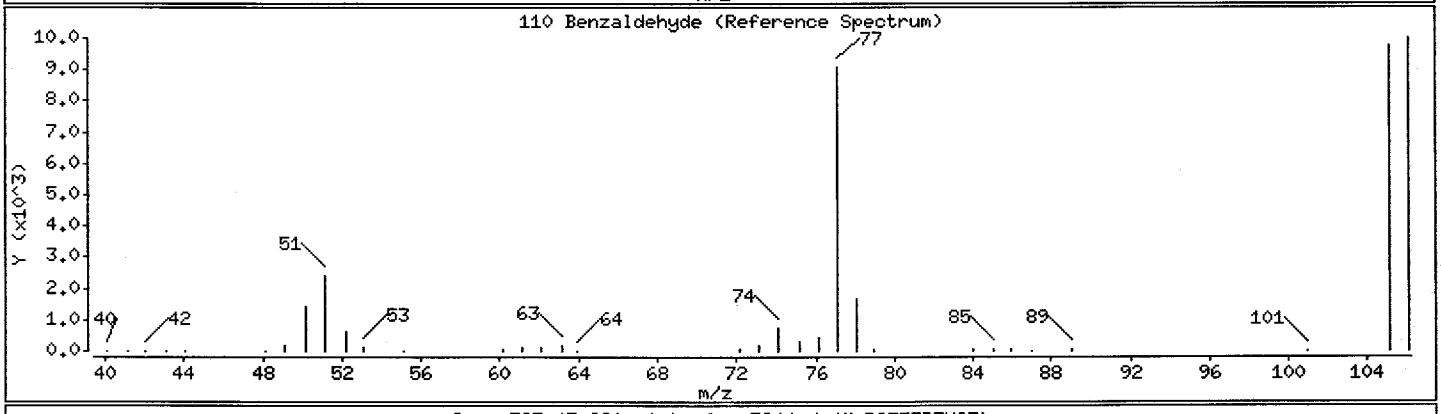
Volume Injected (uL): 1.0 Operator: BNAMS 4

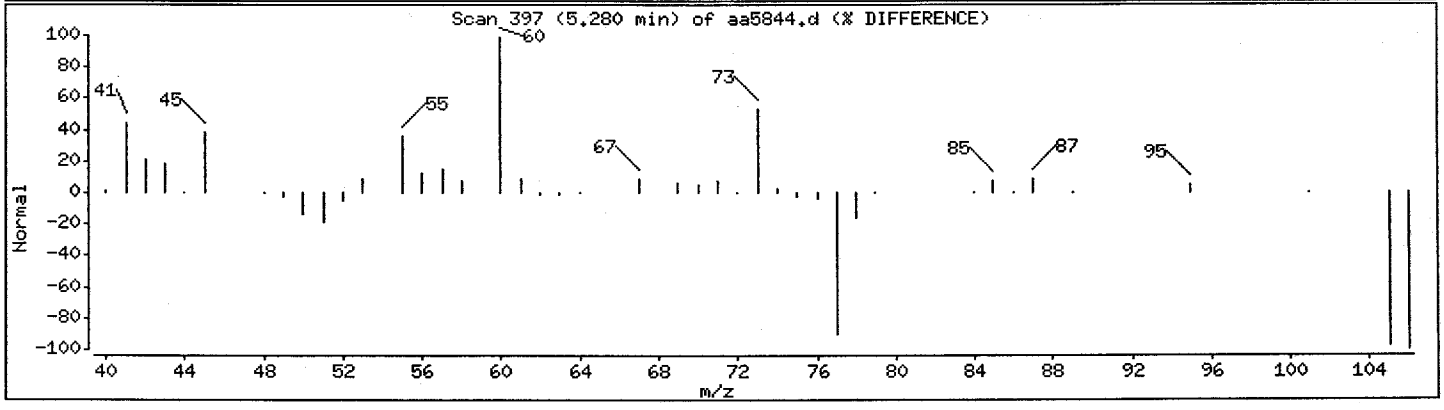
Column phase: DB-5 Column diameter: 0.25

110 Benzaldehyde Concentration: 1.4 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08 Instrument: BNAMS8.i

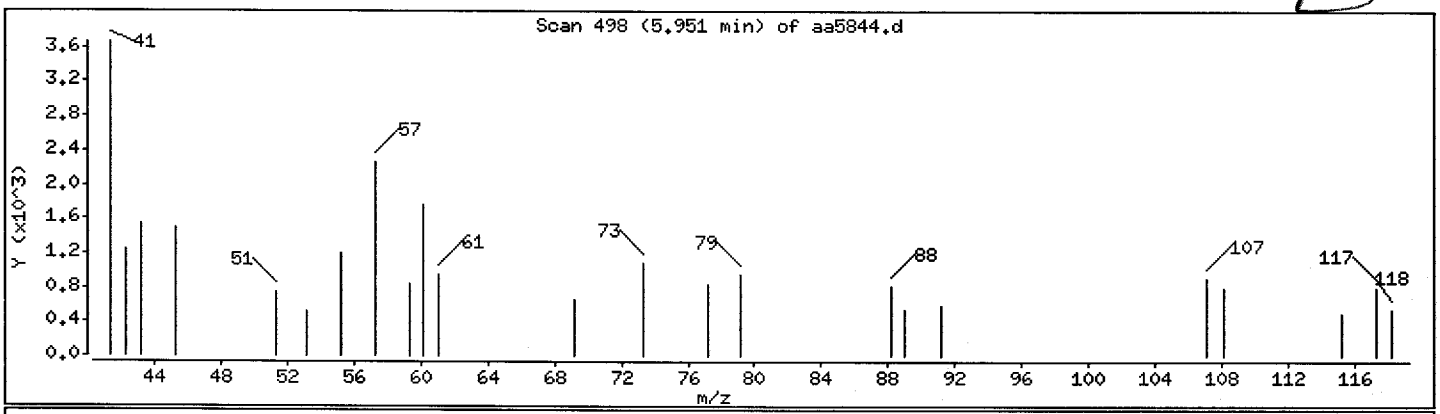
Sample Info: 940361;4447077

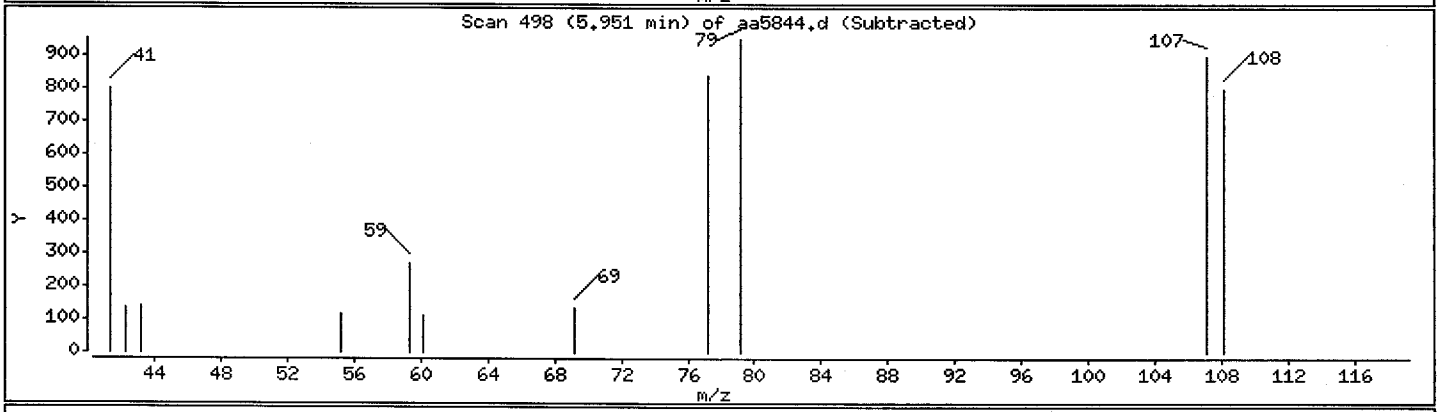
Volume Injected (uL): 1.0 Operator: BNAMS 4

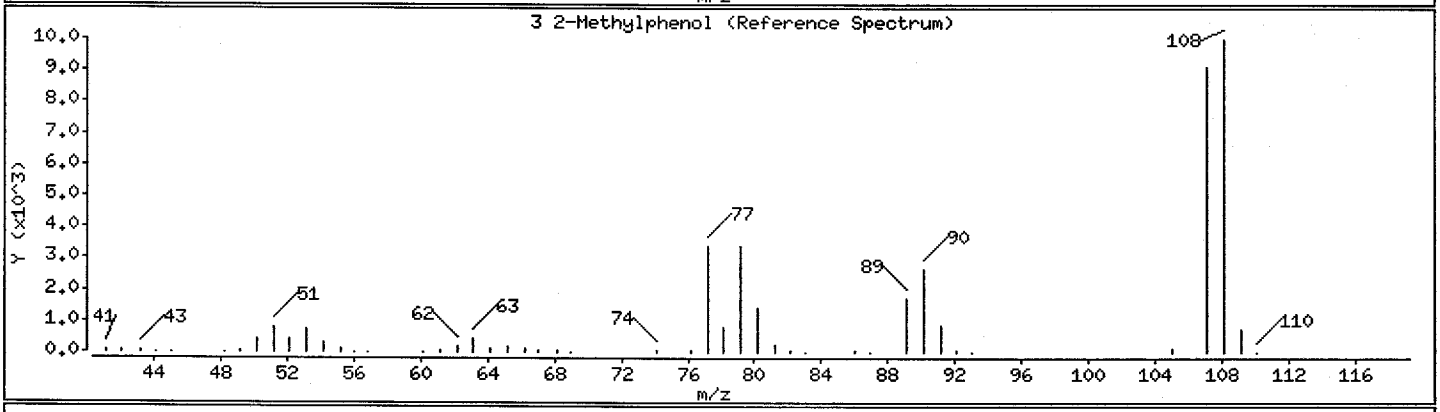
Column phase: DB-5 Column diameter: 0.25

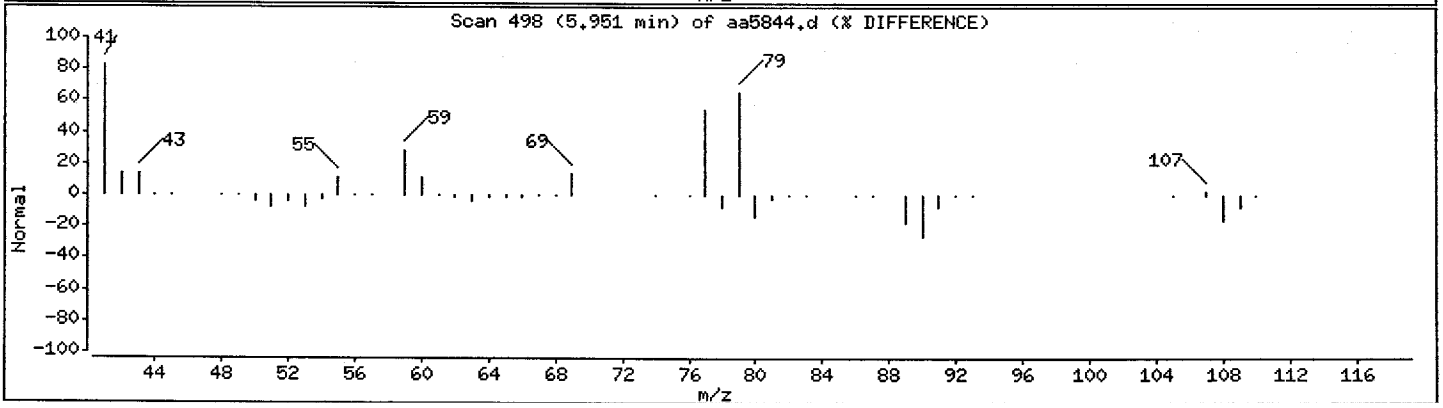
Table 1a.

3 2-Methylphenol Concentration: 0.61 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08 Instrument: BNAMS8.i

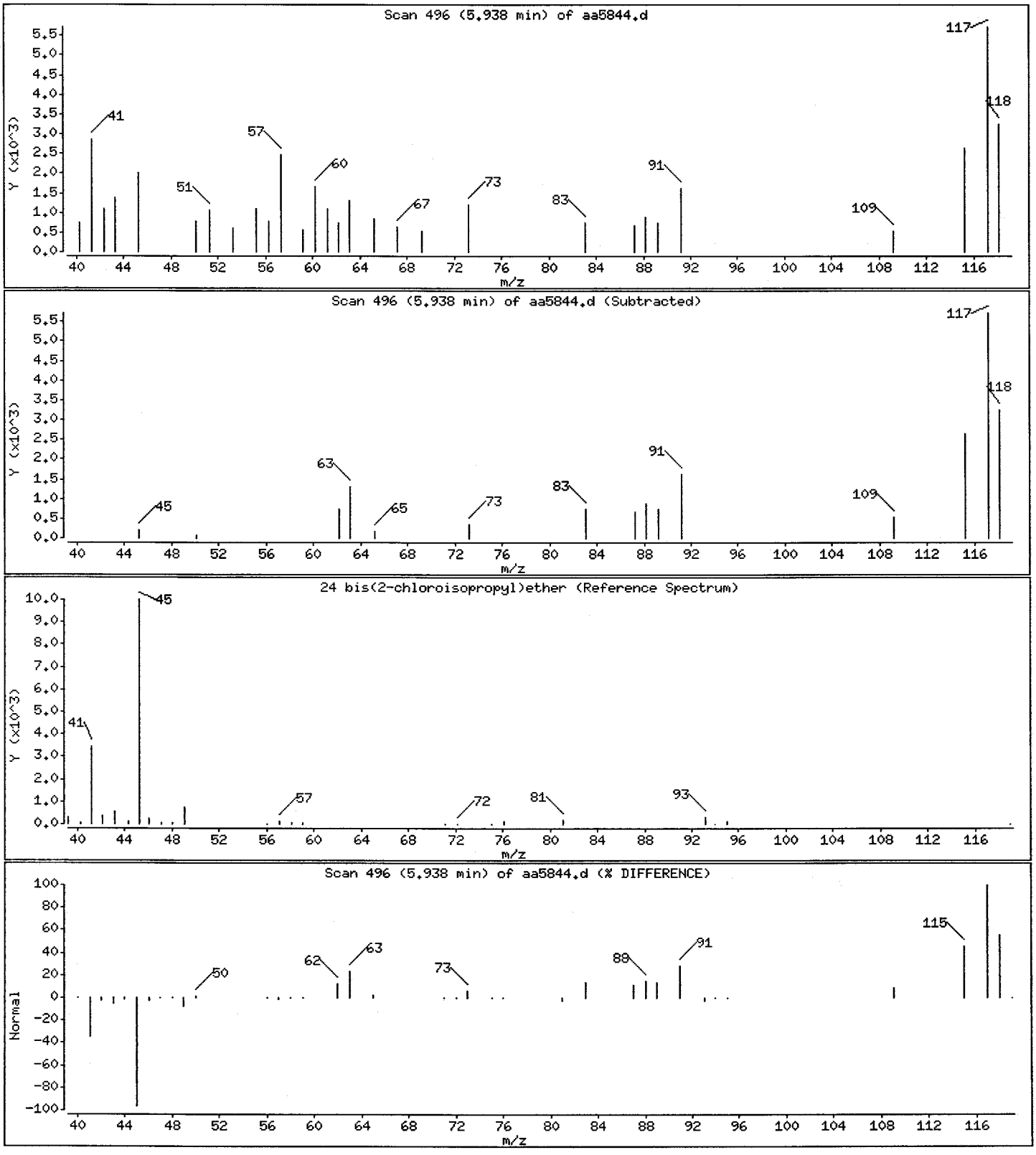
Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

24 bis(2-chloroisopropyl)ether Concentration: 0.81 ug/L

FALSE POSITIVE



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

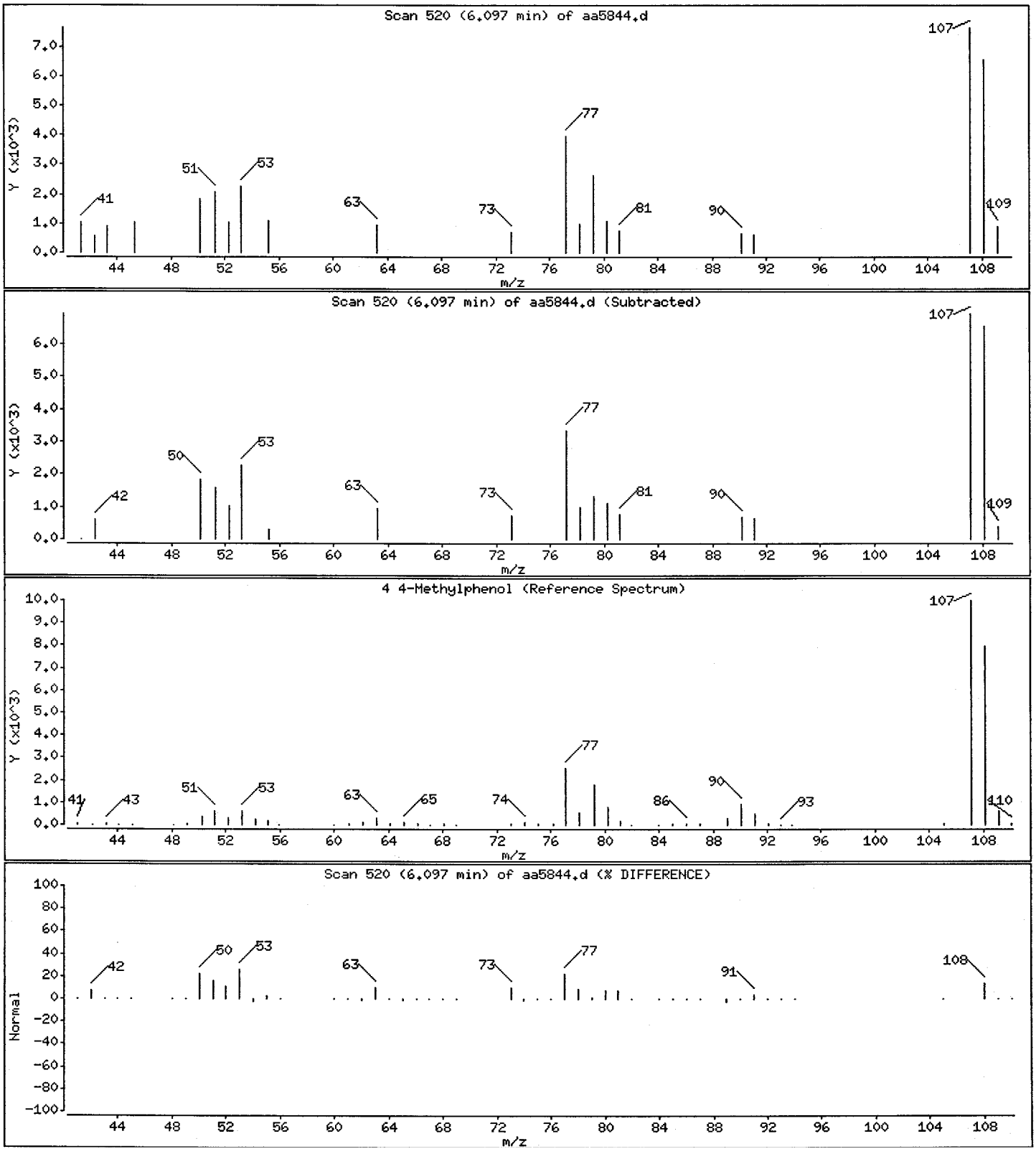
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 6.6 ug/L



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

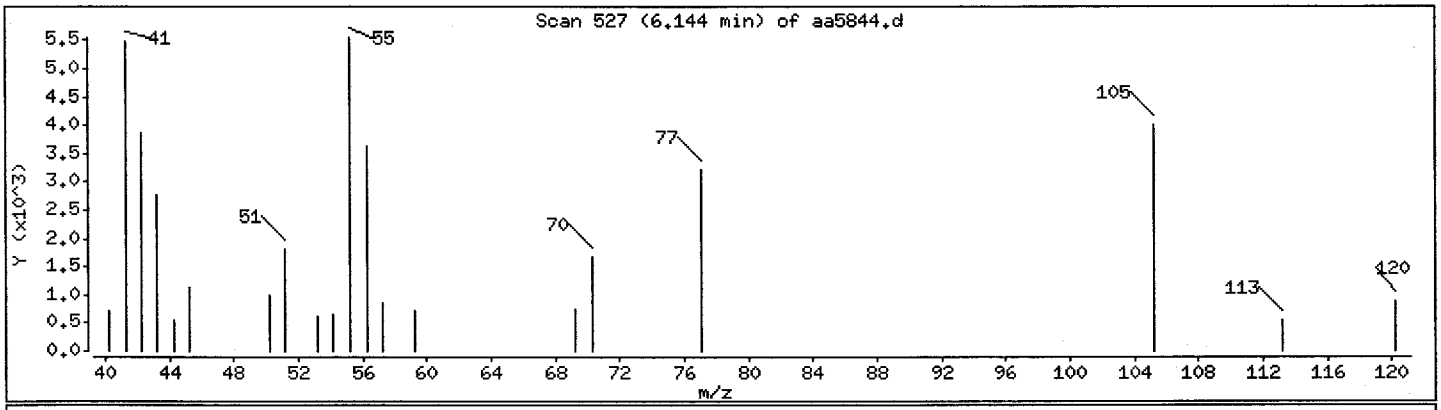
Client ID: 080508-08 Instrument: BNAMS8.i

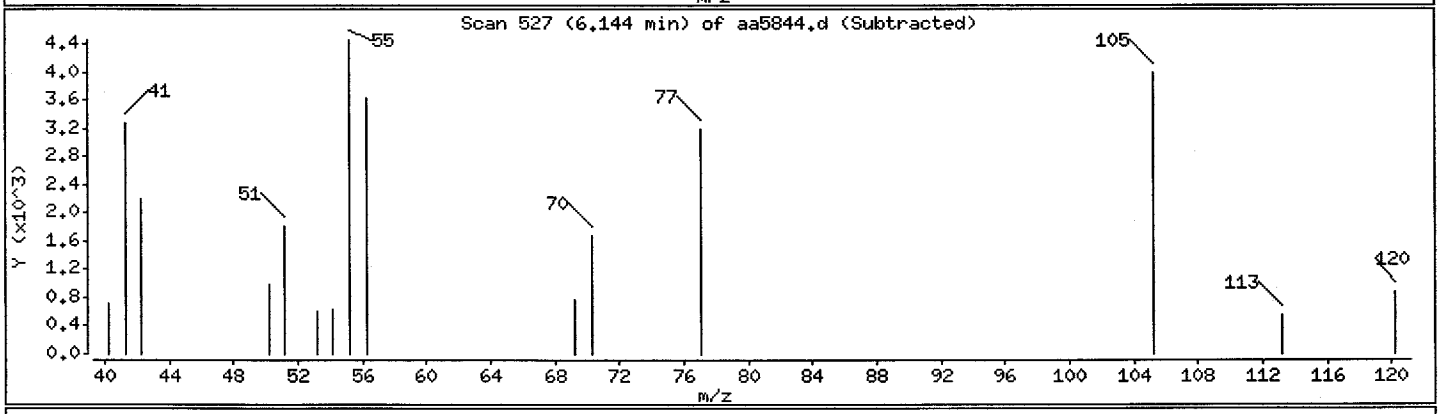
Sample Info: 940361;4447077

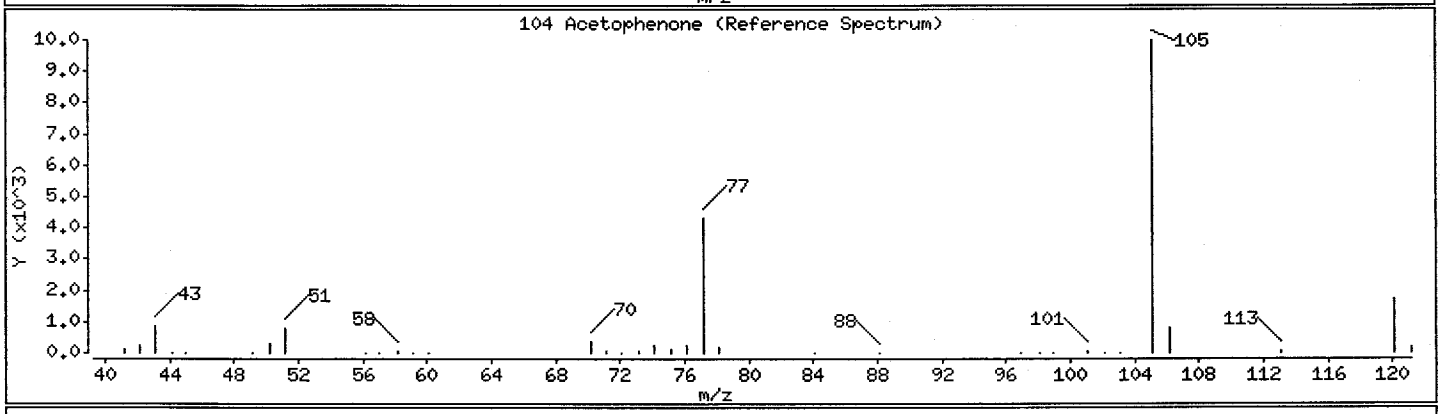
Volume Injected (uL): 1.0 Operator: BNAMS 4

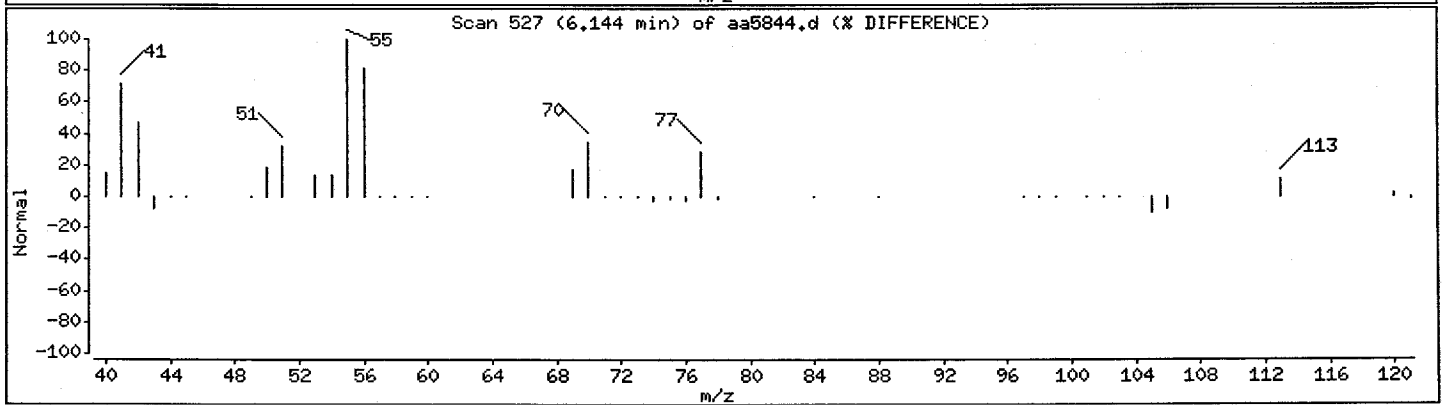
Column phase: DB-5 Column diameter: 0.25

104 Acetophenone Concentration: 2.1 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08

Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0

Operator: BNAMS 4

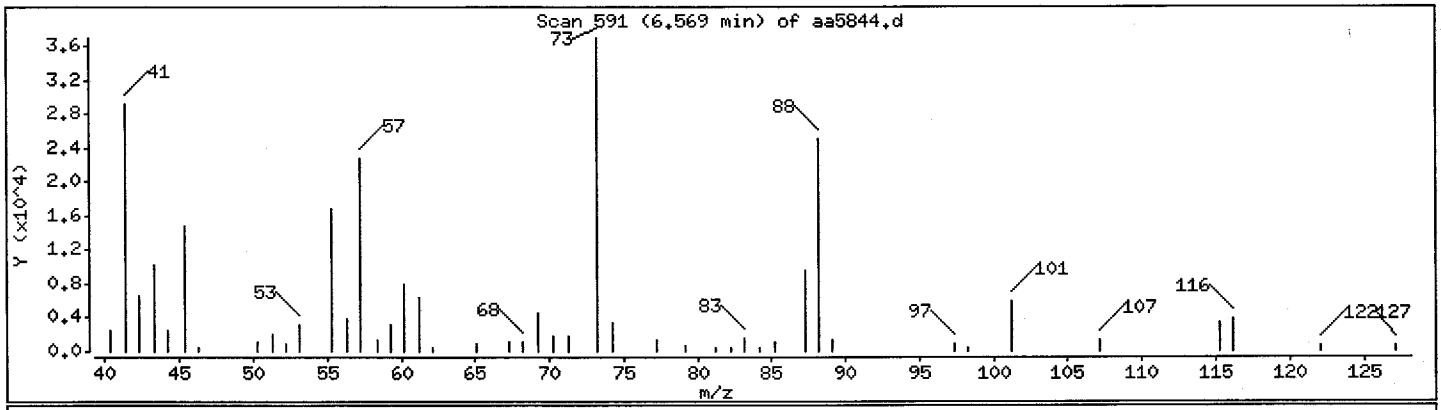
Column phase: DB-5

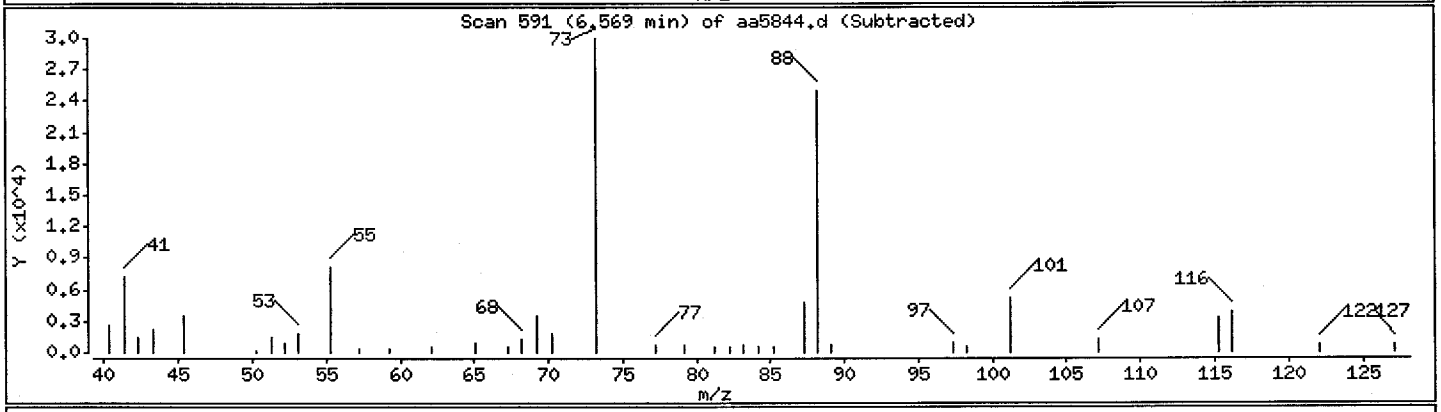
Column diameter: 0.25

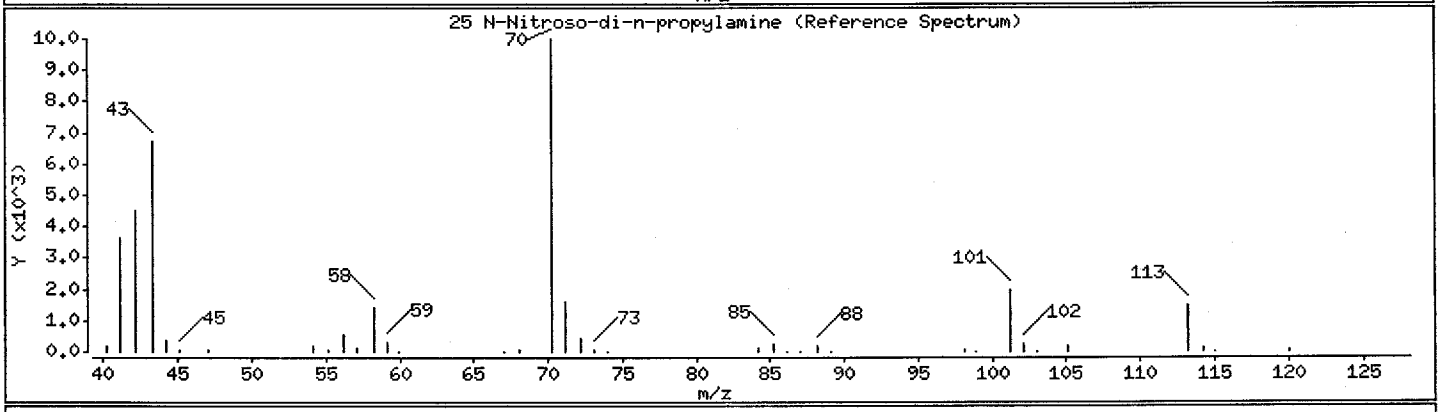
FALSE POSITIVE
Init.

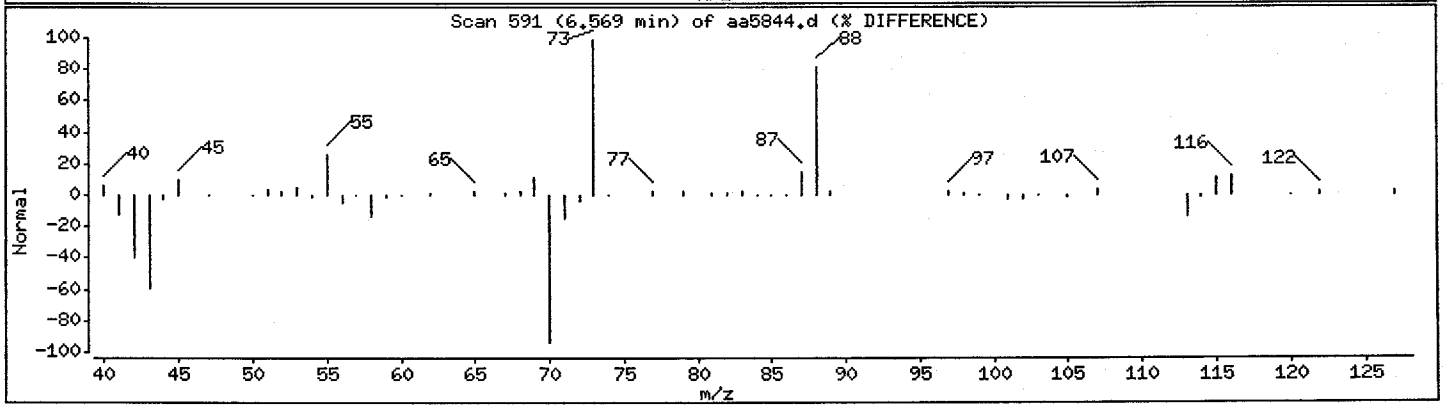
25 N-Nitroso-di-n-propylamine

Concentration: 1.2 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08

Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0

Operator: BNAMS 4

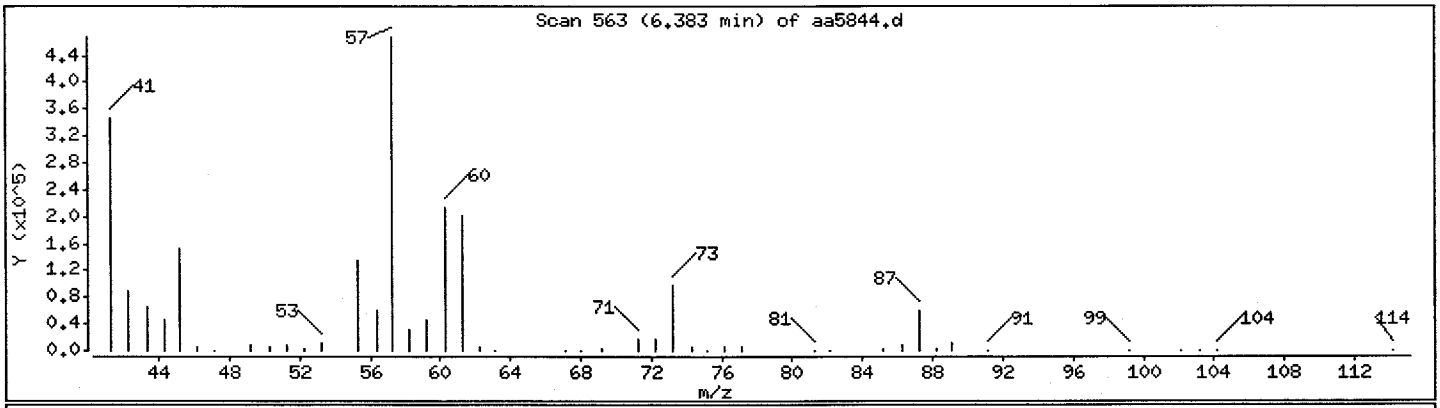
Column phase: DB-5

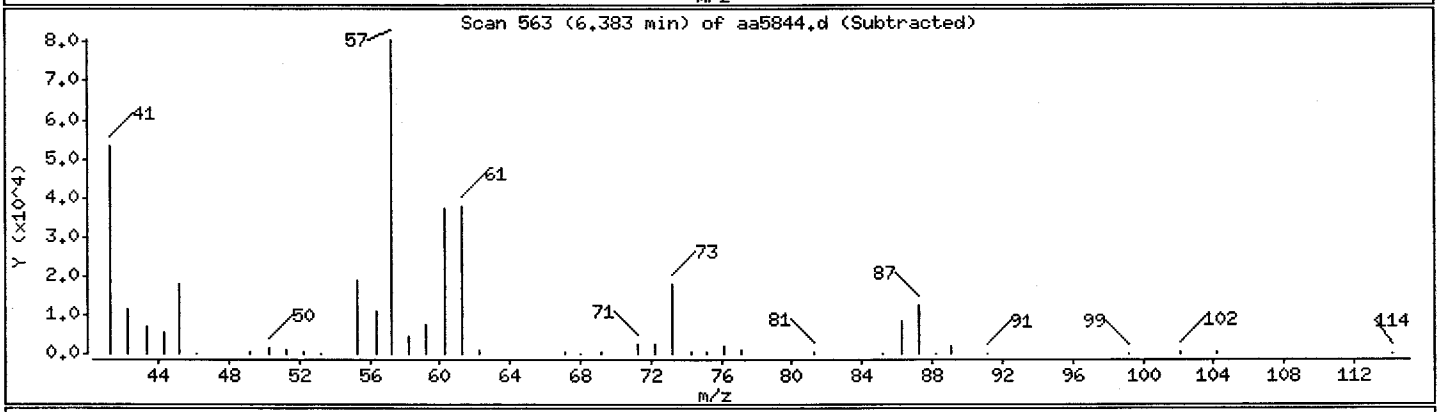
Column diameter: 0.25

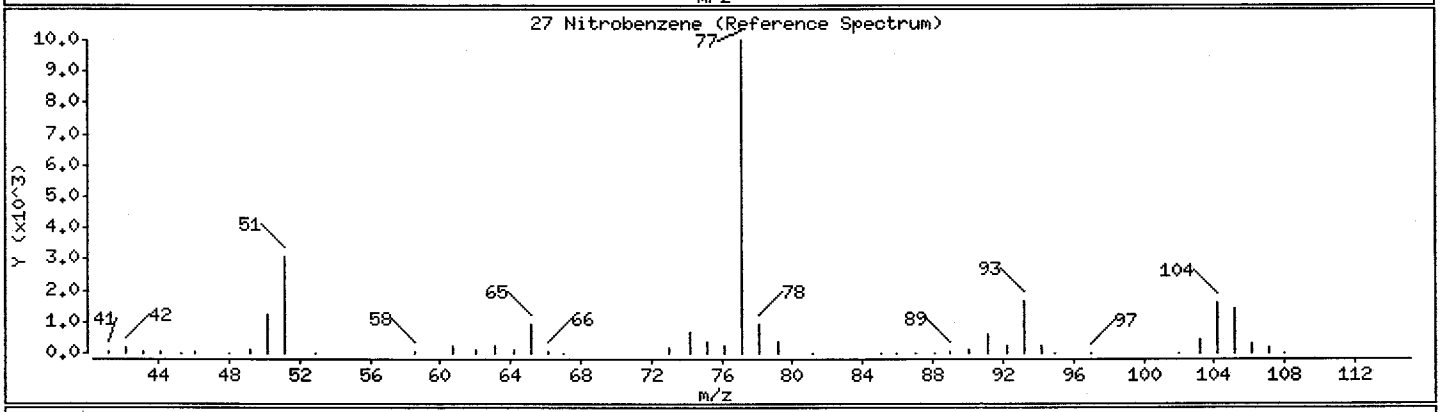
27 Nitrobenzene

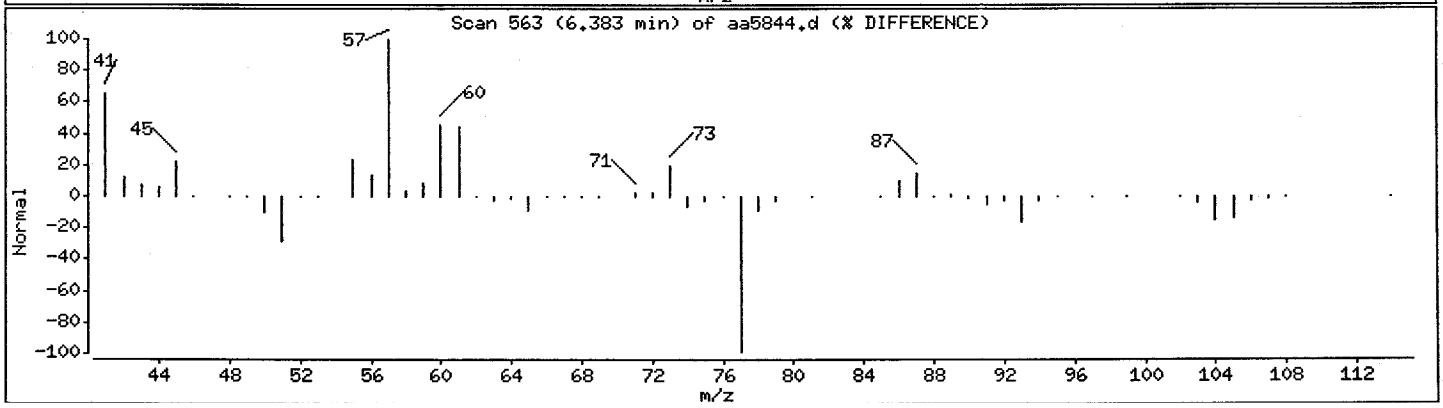
Concentration: 0.52 ug/L

FALSE POSITIVE









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

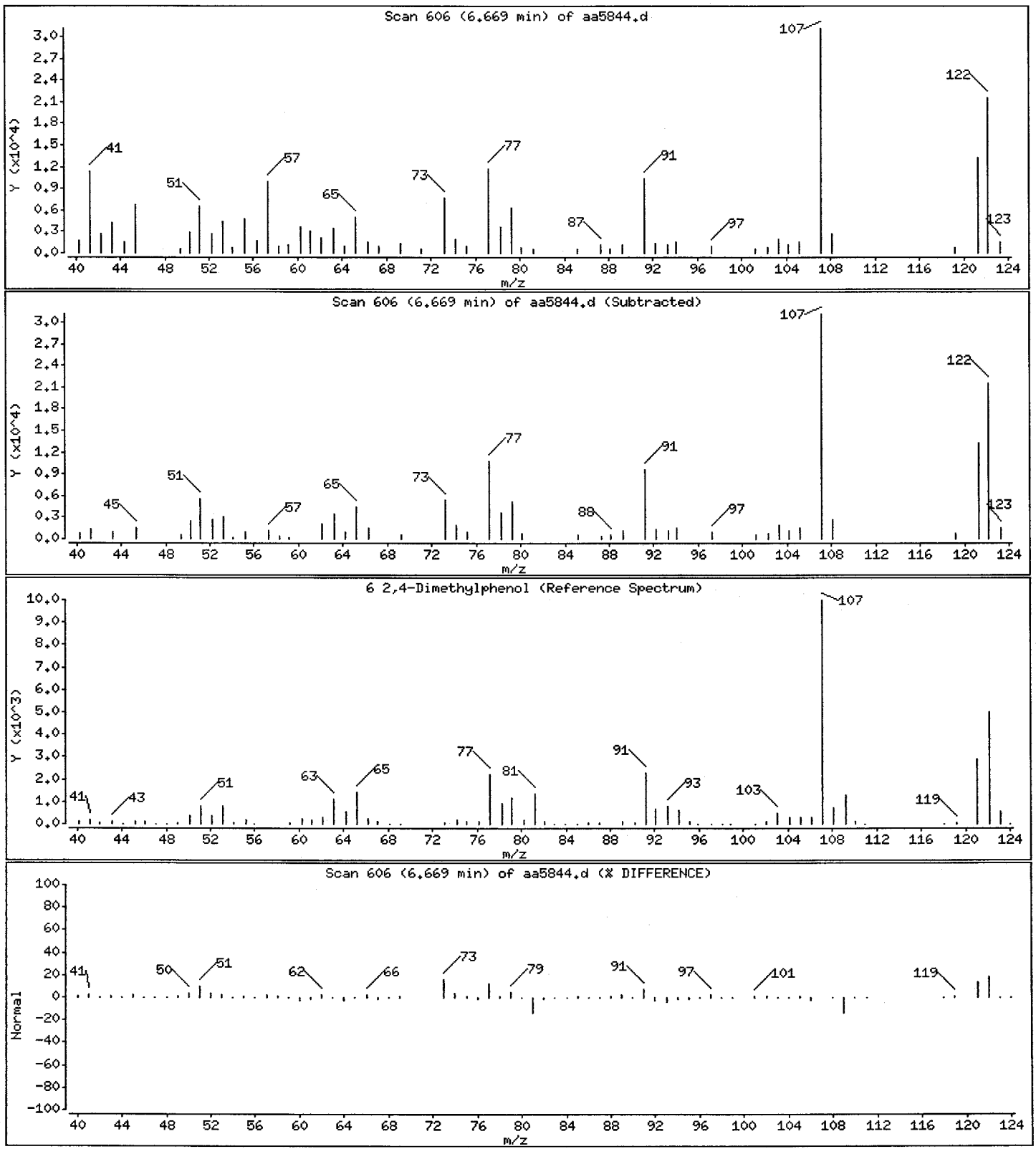
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

6 2,4-Dimethylphenol Concentration: 22 ug/L



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08 Instrument: BNAMS8.i

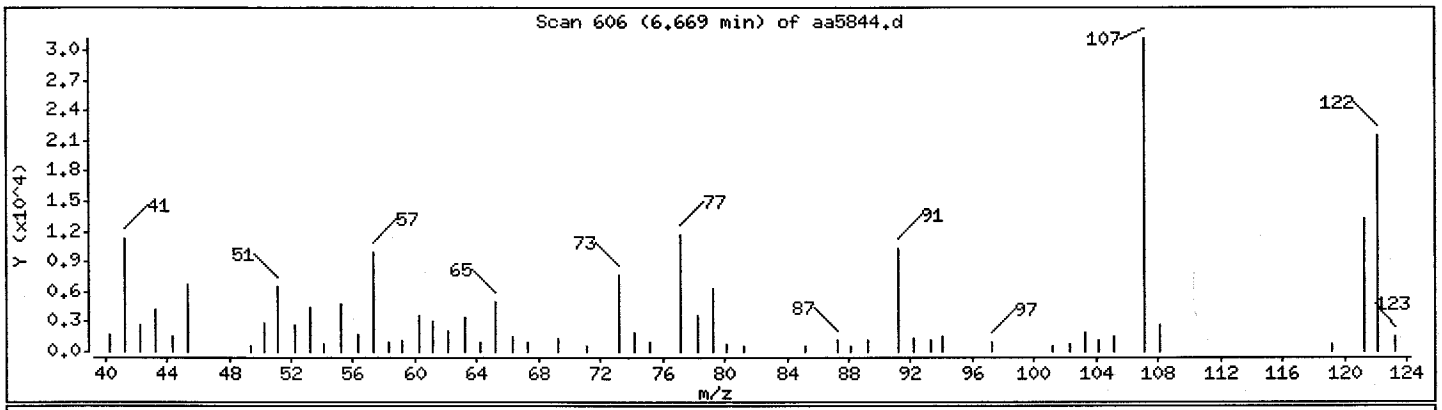
Sample Info: 940361;4447077

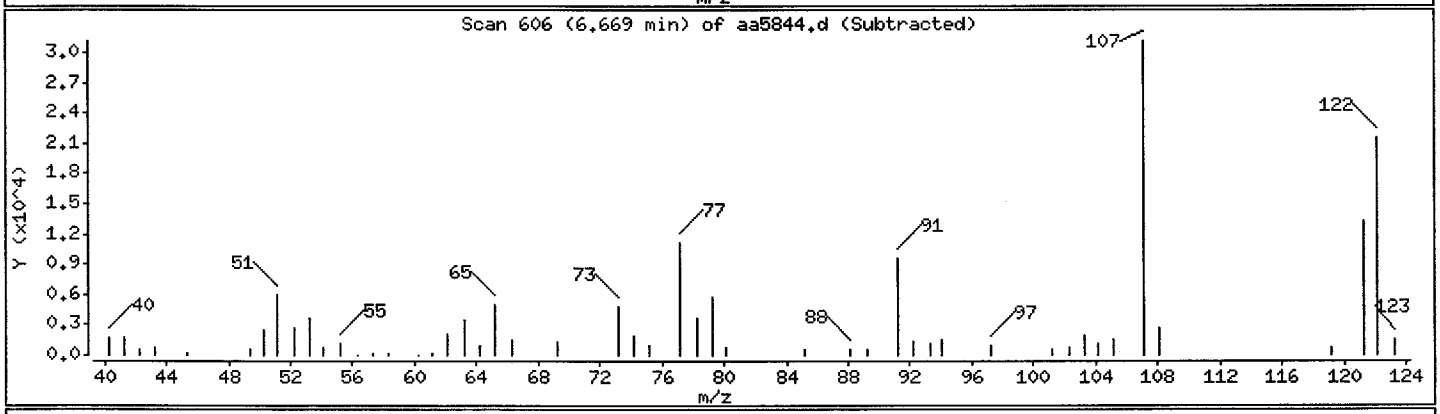
Volume Injected (uL): 1.0 Operator: BNAMS 4

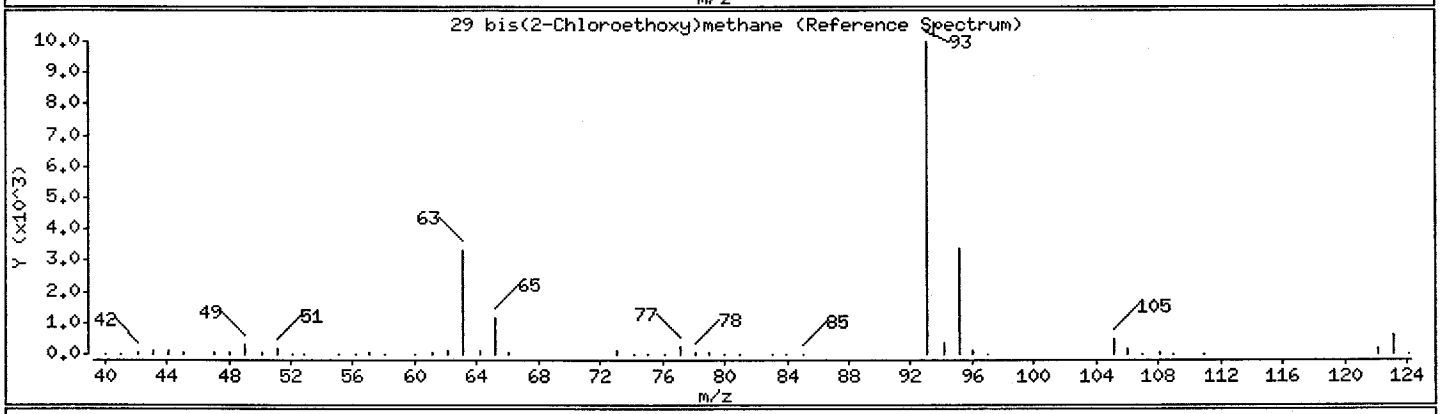
Column phase: DB-5 Column diameter: 0.25

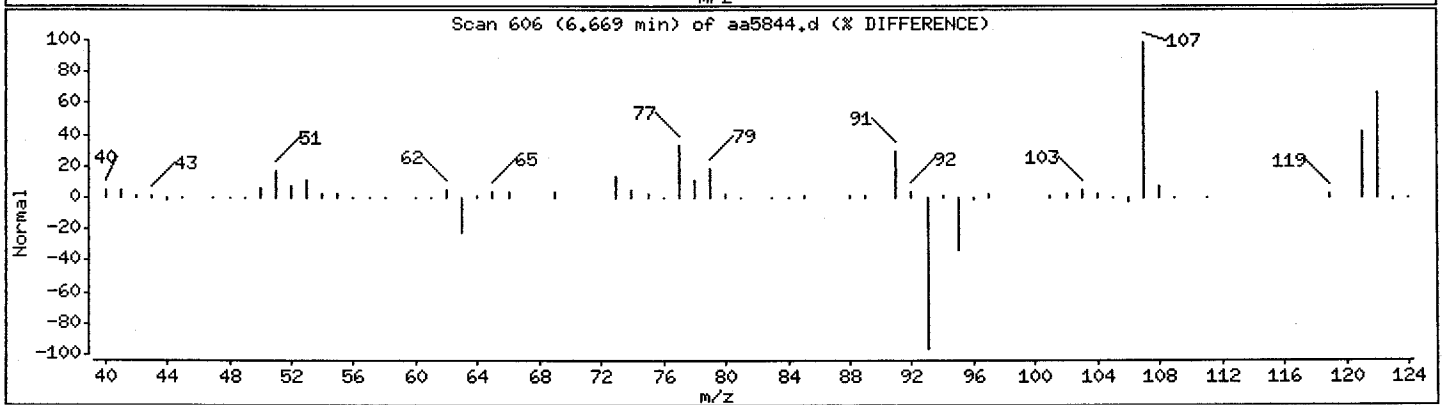
29 bis(2-Chloroethoxy)methane Concentration: 0.97 ug/L

FALSE POSITIVE









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

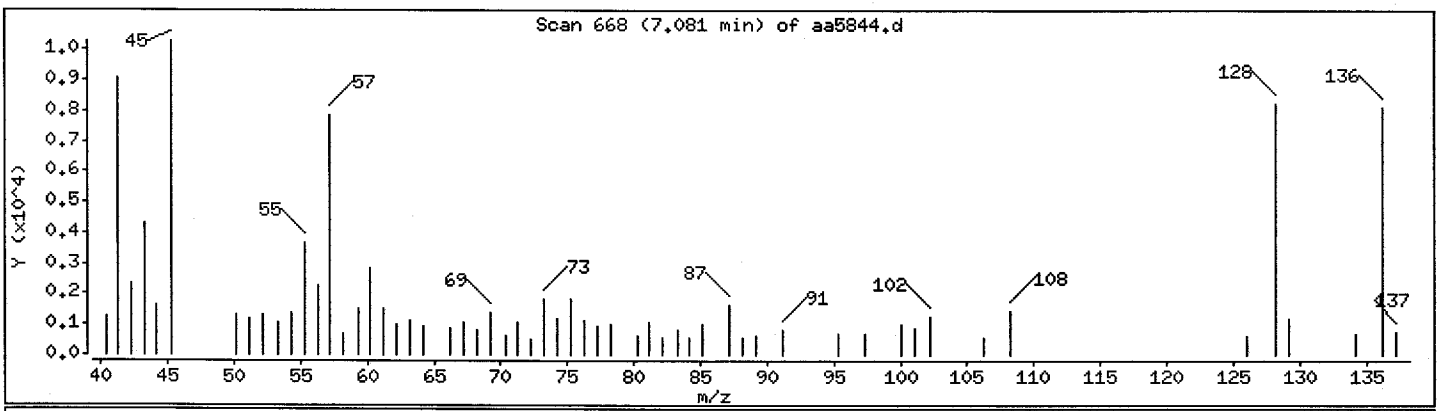
Client ID: 080508-08 Instrument: BNAMS8.i

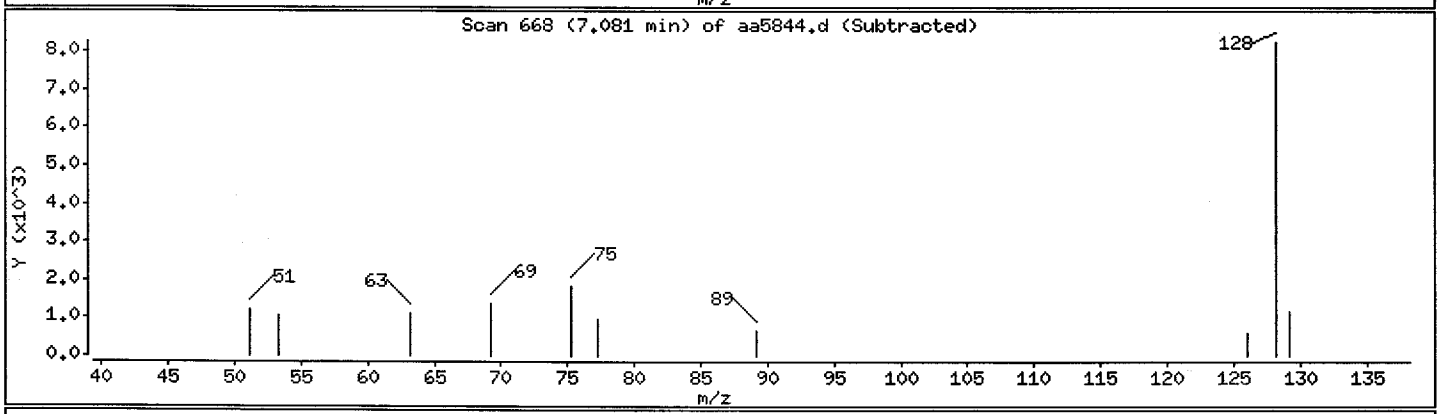
Sample Info: 940361;4447077

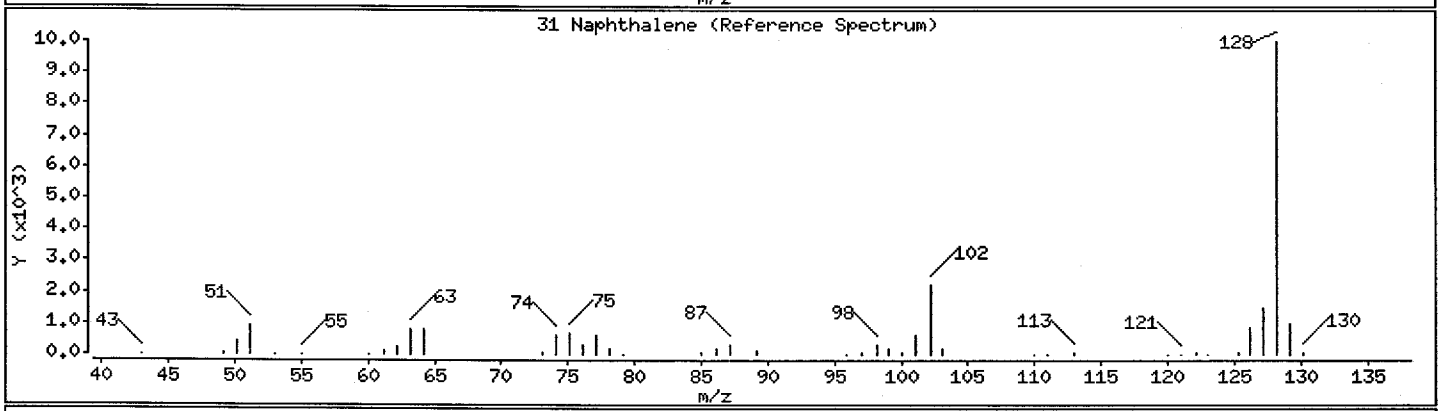
Volume Injected (uL): 1.0 Operator: BNAMS 4

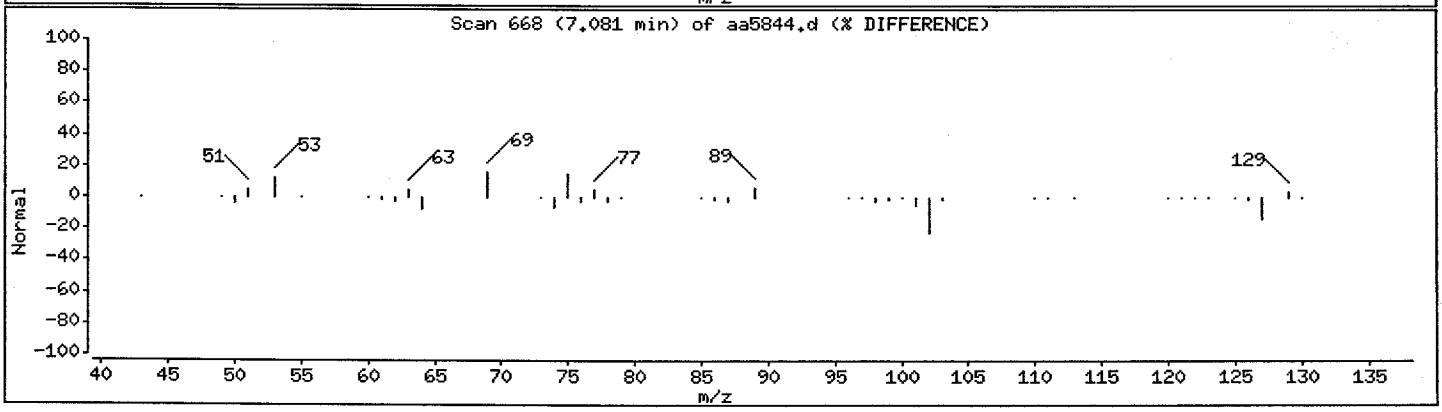
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 2.4 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08

Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0

Operator: BNAMS 4

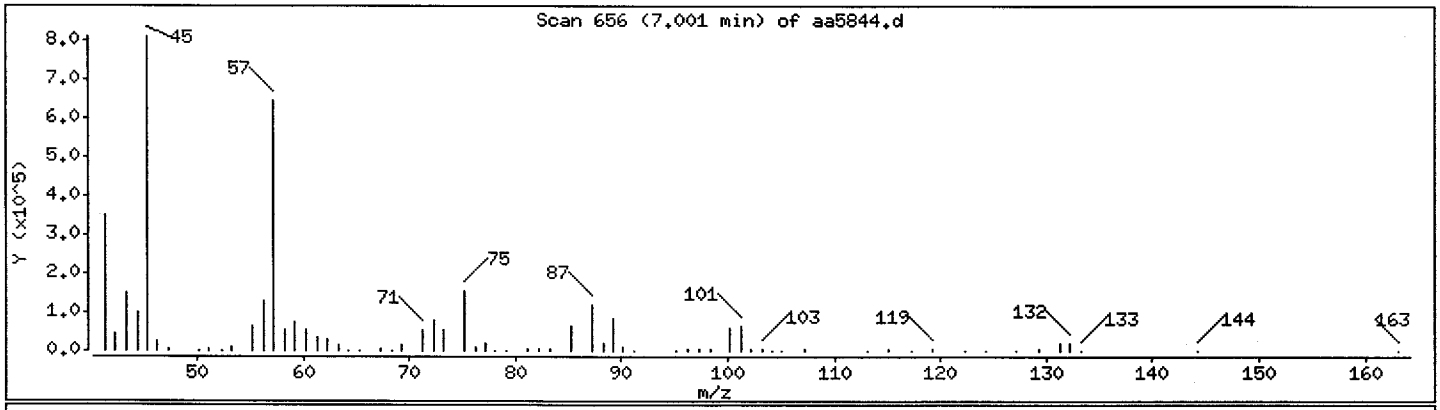
Column phase: DB-5

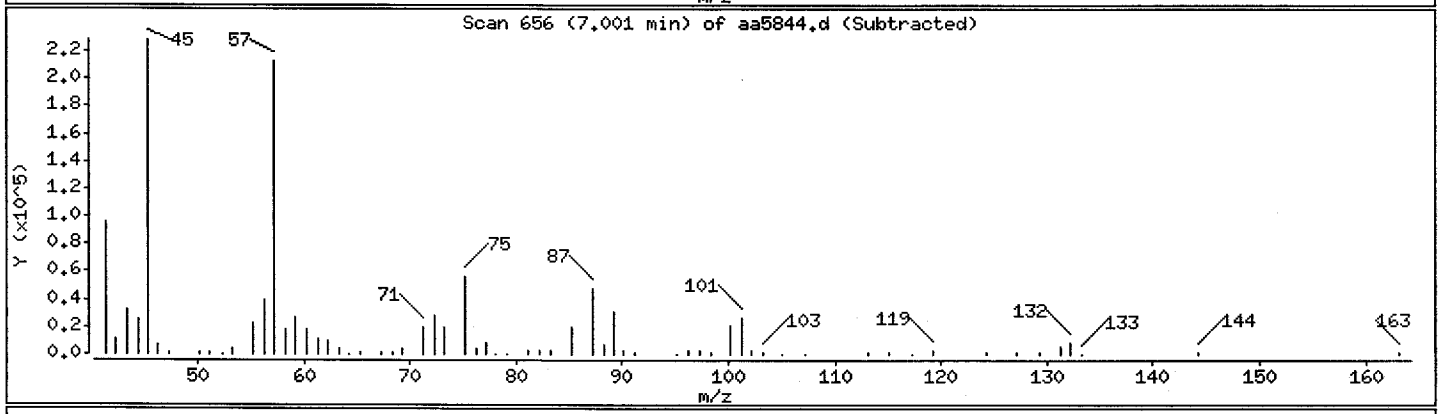
Column diameter: 0.25

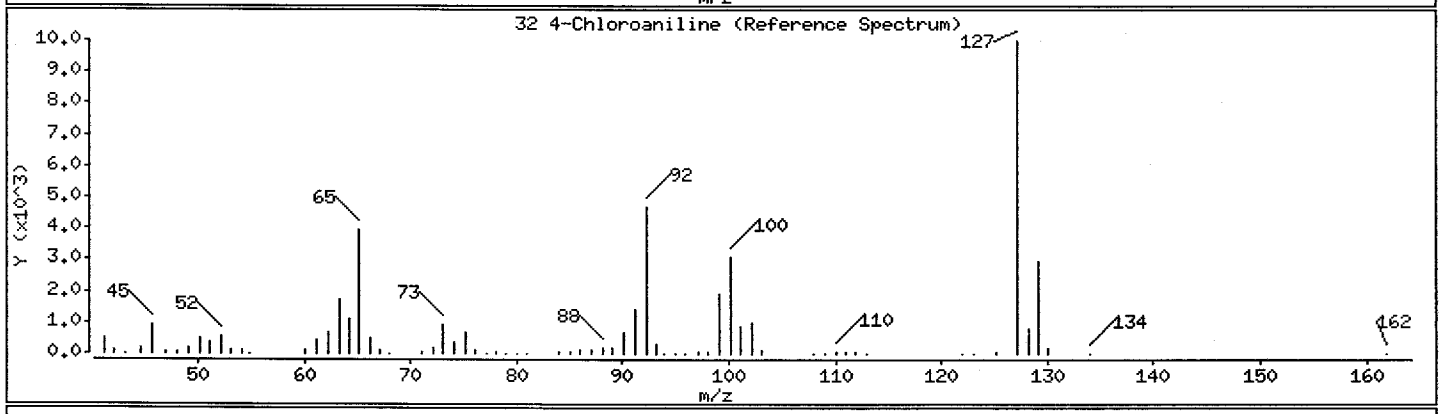
FALSE POSITIVE
Init.

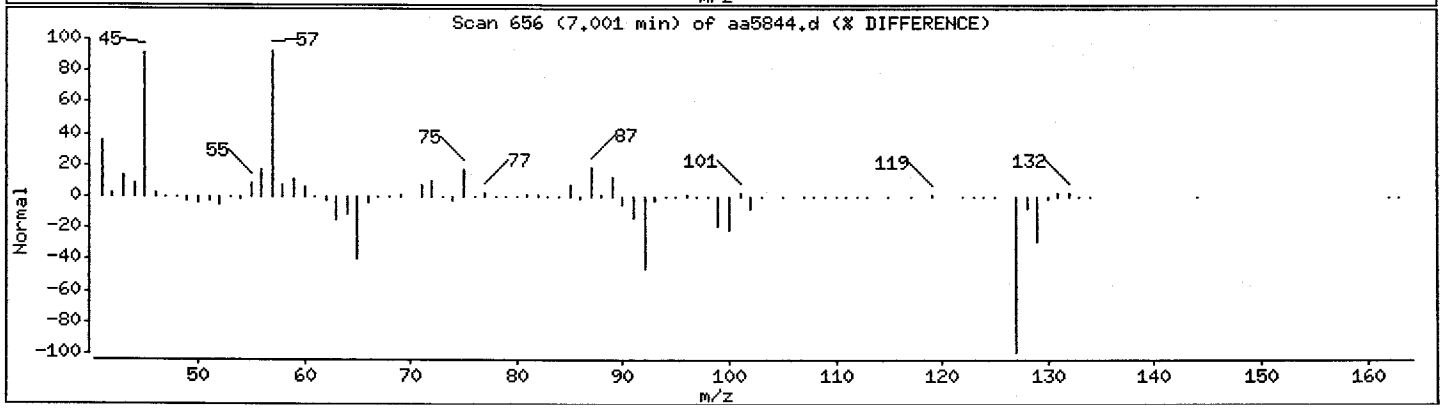
32 4-Chloroaniline

Concentration: 0.63 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08

Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0

Operator: BNAMS 4

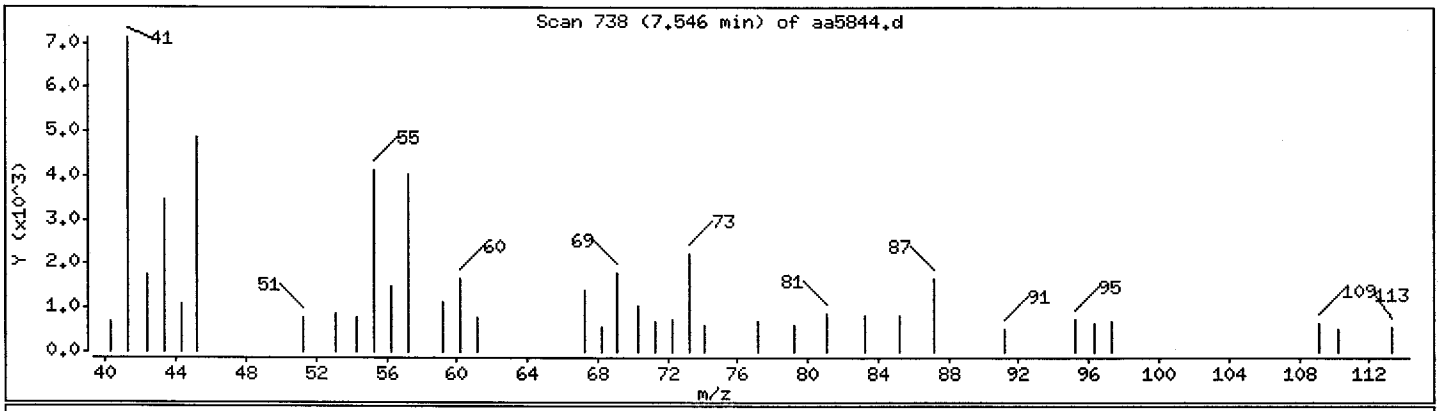
Column phase: DB-5

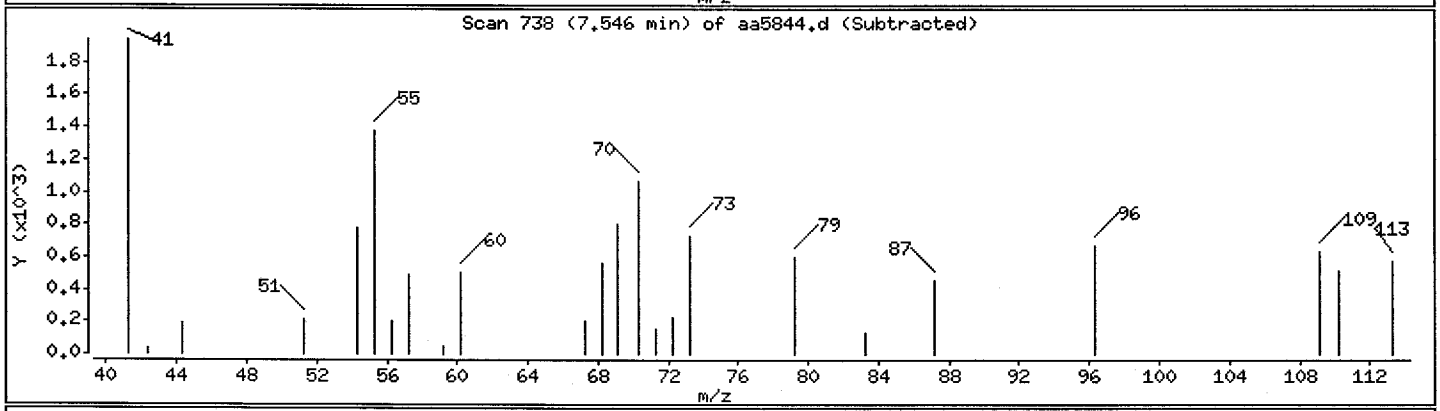
Column diameter: 0.25

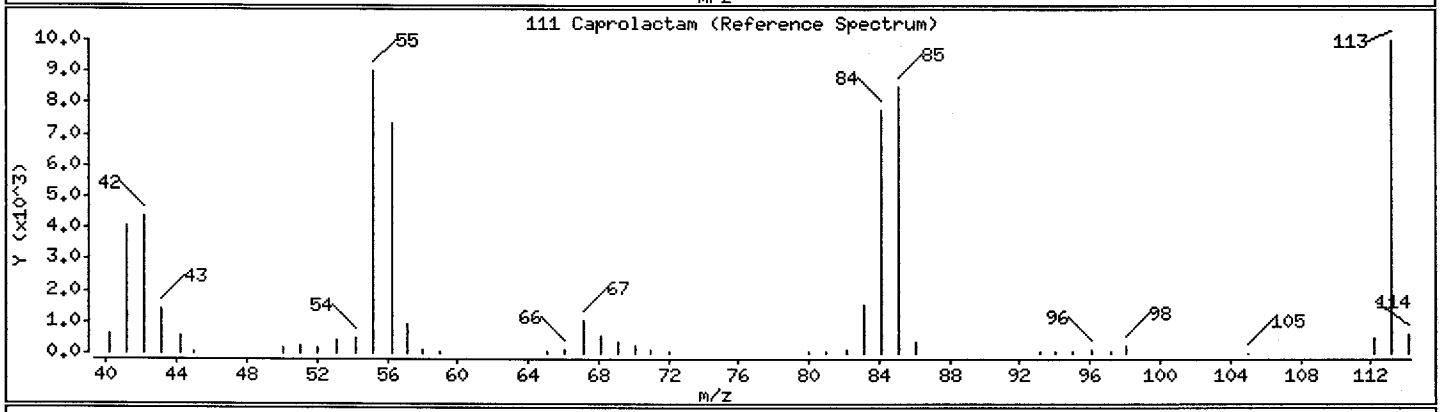
FALSE POSITIVE
Init.

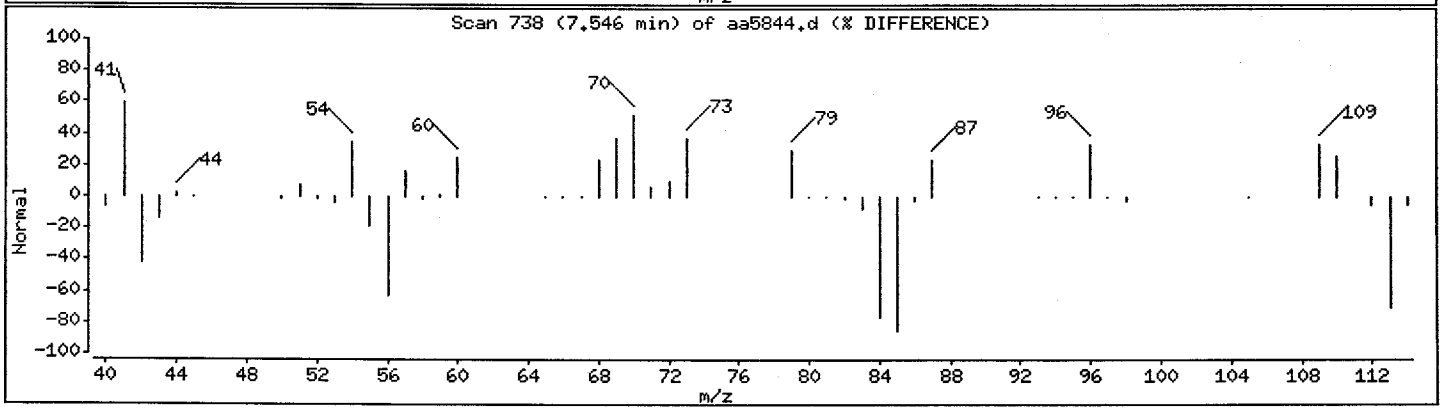
111 Caprolactam

Concentration: 1.0 ug/L









Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08

Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0

Operator: BNAMS 4

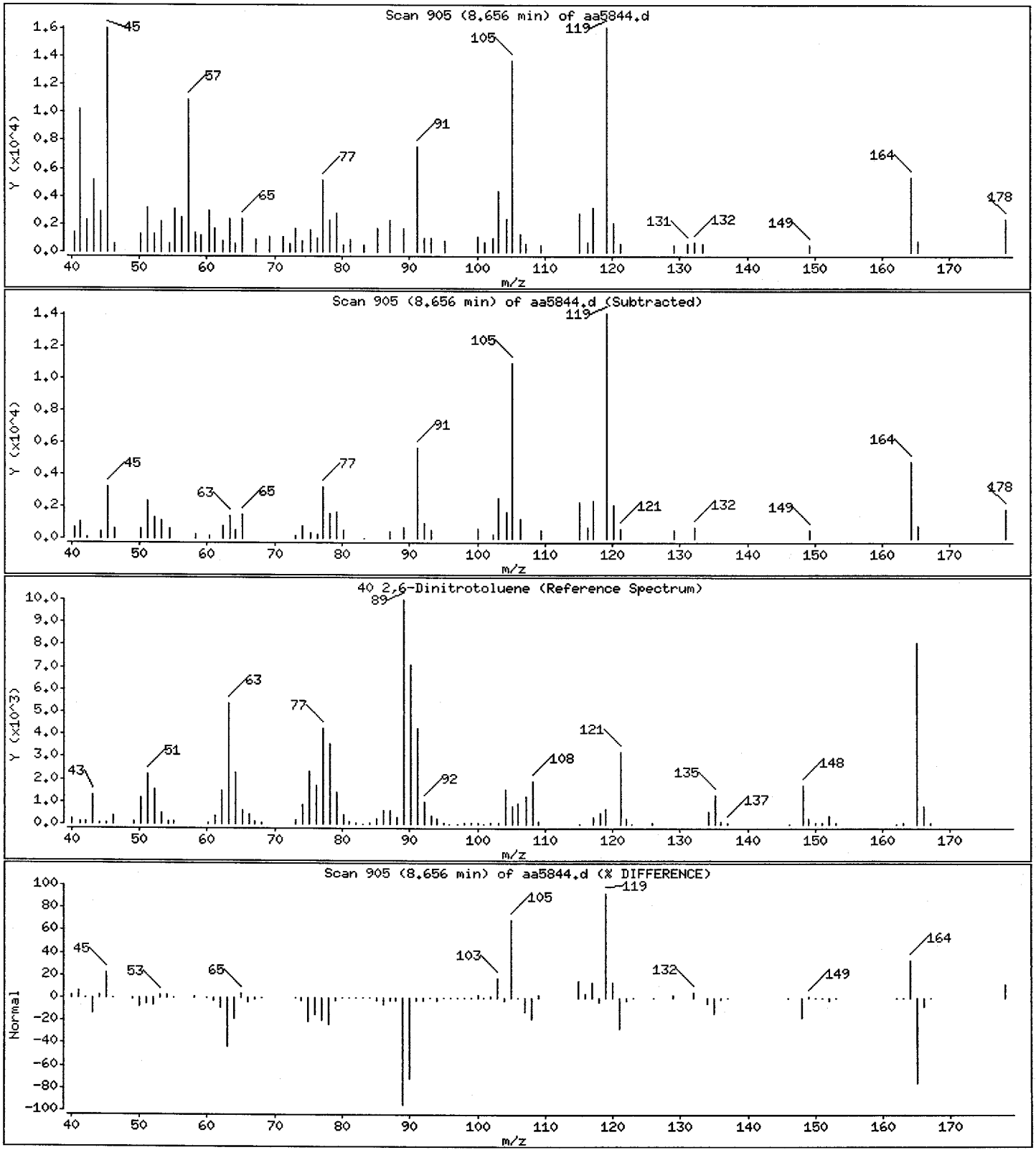
Column phase: DB-5

Column diameter: 0.25

FALSE POSITIVE
Init.

40 2,6-Dinitrotoluene

Concentration: 0.78 ug/L



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08

Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0

Operator: BNAMS 4

Column phase: DB-5

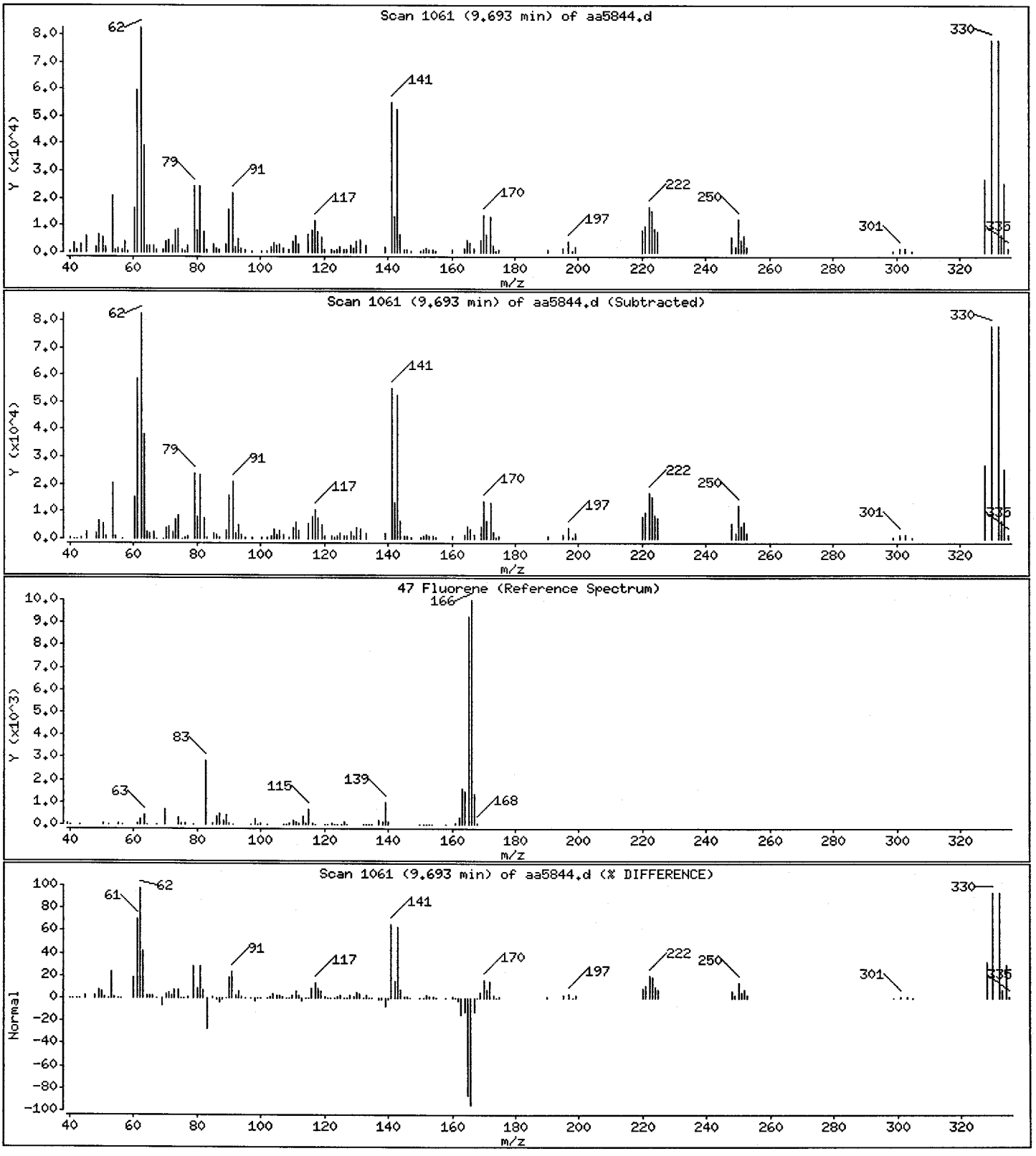
Column diameter: 0.25

FALSE POSITIVE

Init.

47 Fluorene

Concentration: 1.4 ug/L



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

Client ID: 080508-08

Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0

Operator: BNAMS 4

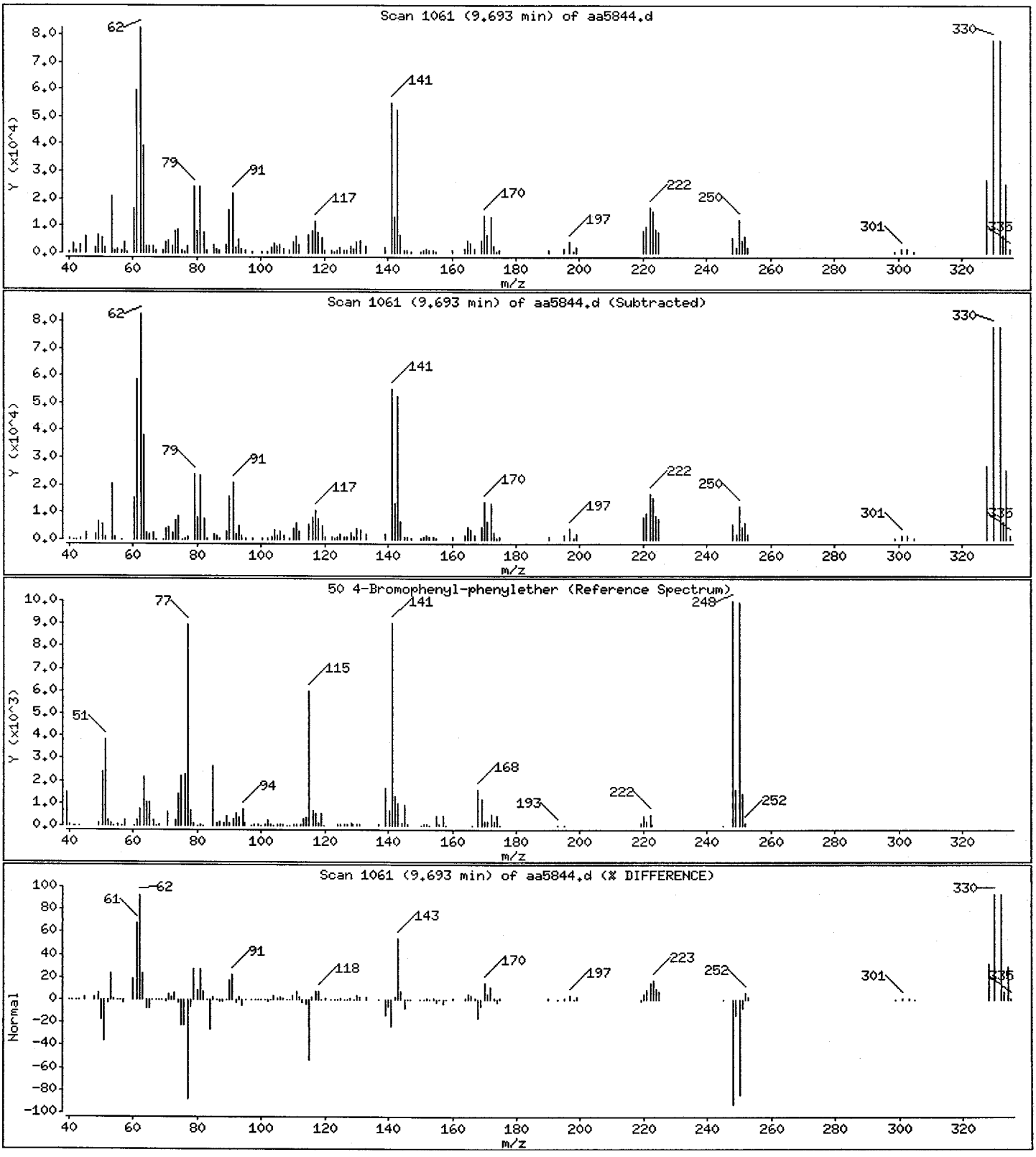
Column phase: DB-5

Column diameter: 0.25

50 4-Bromophenyl-phenylether

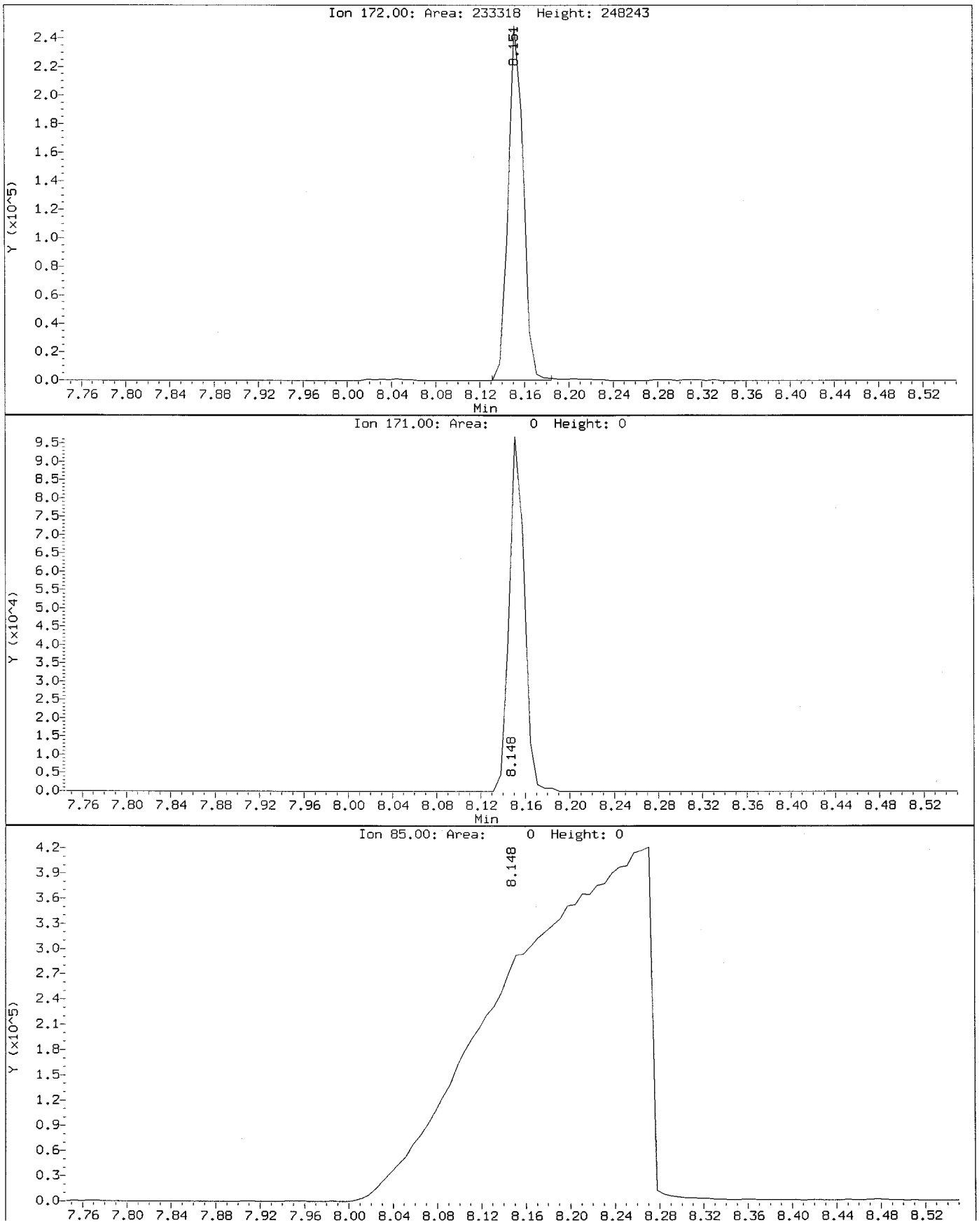
Concentration: 7.8 ug/L

FALSE POSITIVE



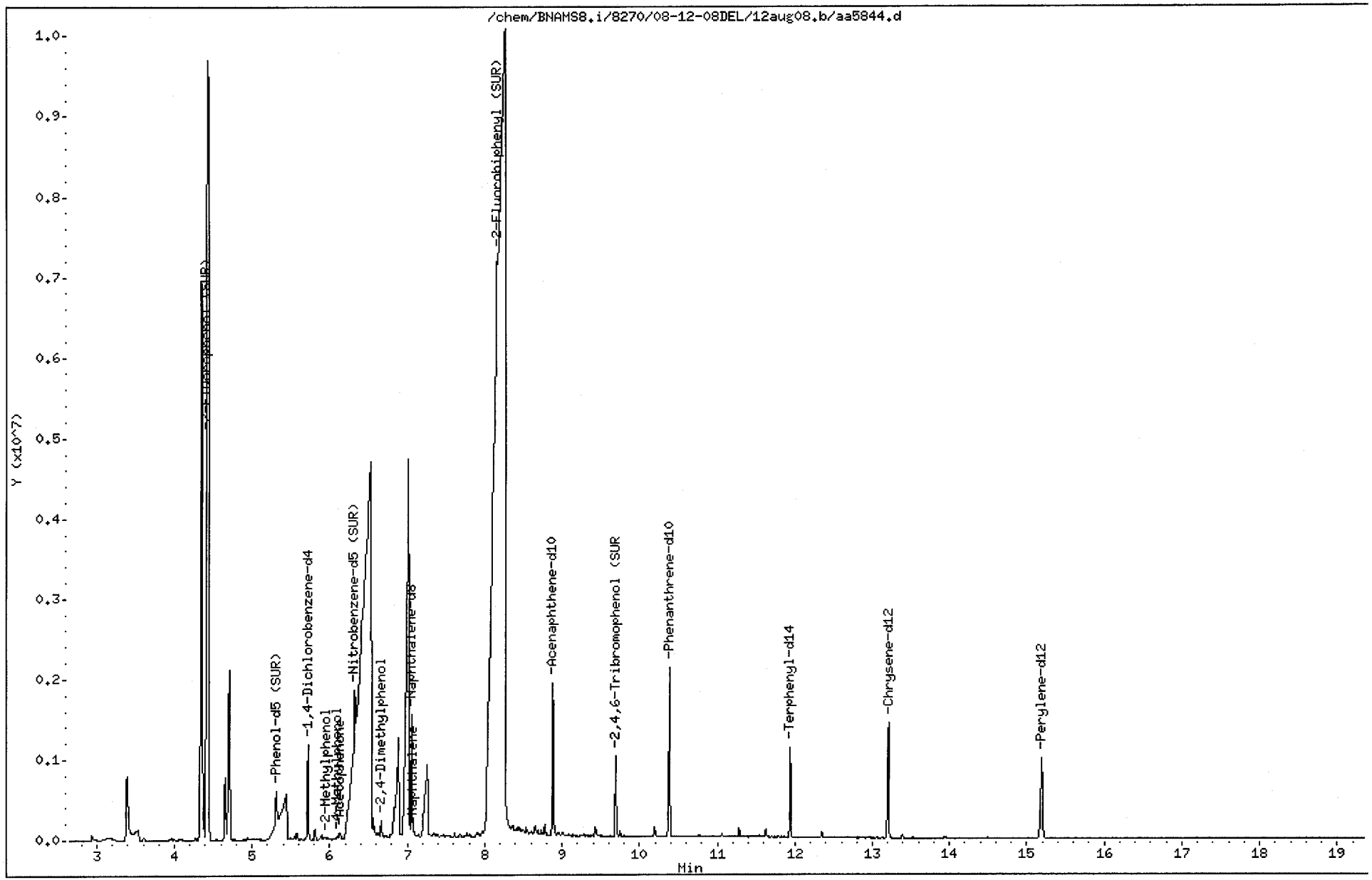
Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d
Injection Date: 12-AUG-2008 14:54
Instrument: BNAMS8.i
Client Sample ID: 080508-08

Compound: 2-Fluorobiphenyl (SUR)
CAS Number: 321-60-8



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d
Date : 12-AUG-2008 14:54
Client ID: 080508-08
Sample Info: 940361;4447077
Volume Injected (uL): 1.0
Column phase: DB-5

Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25



913
TestAmerica Edison
X765

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

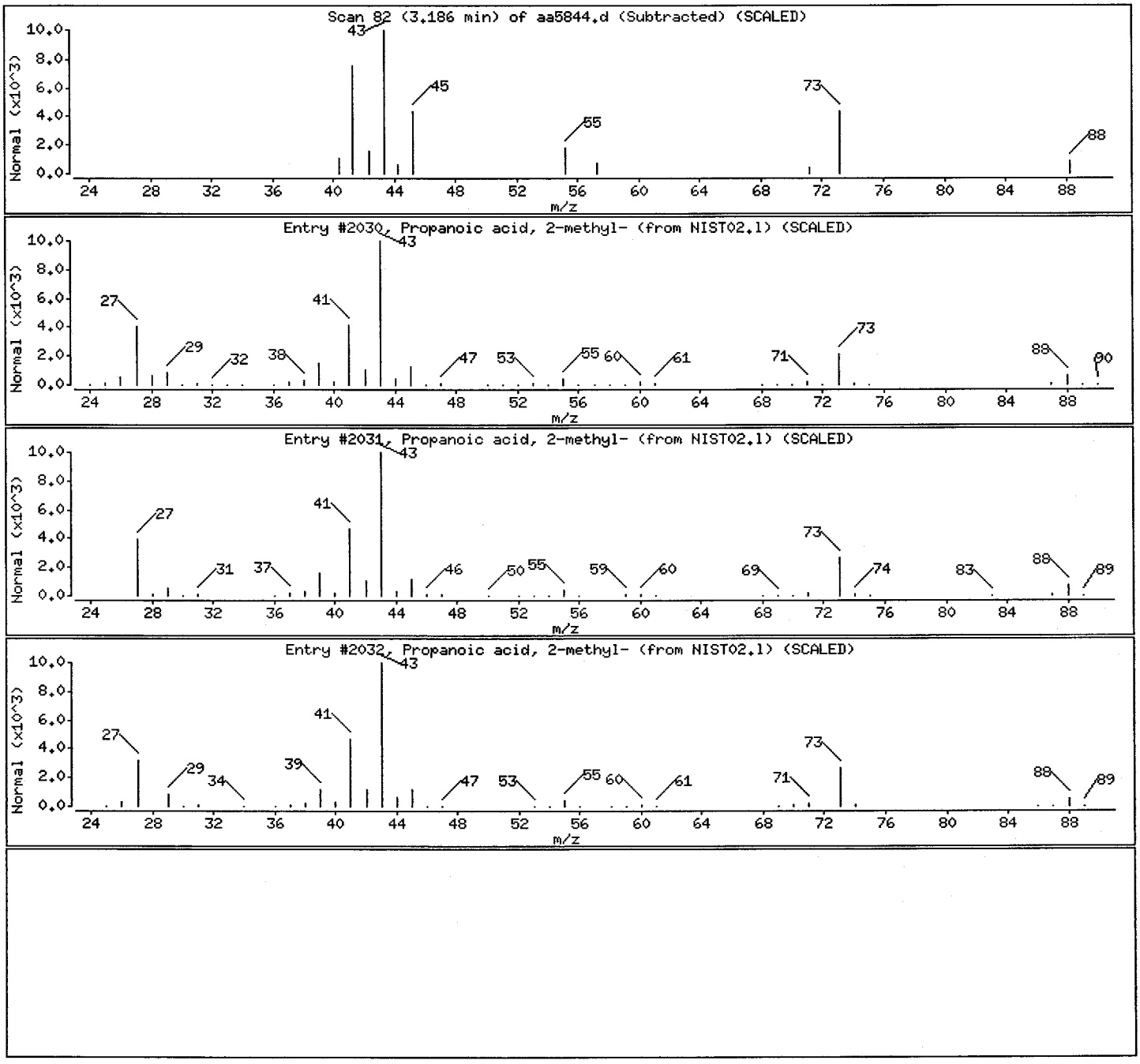
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Propanoic acid, 2-methyl-	79-31-2	NIST02.l	2030	43	C4H8O2	88
Propanoic acid, 2-methyl-	79-31-2	NIST02.l	2031	43	C4H8O2	88
Propanoic acid, 2-methyl-	79-31-2	NIST02.l	2032	37	C4H8O2	88



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

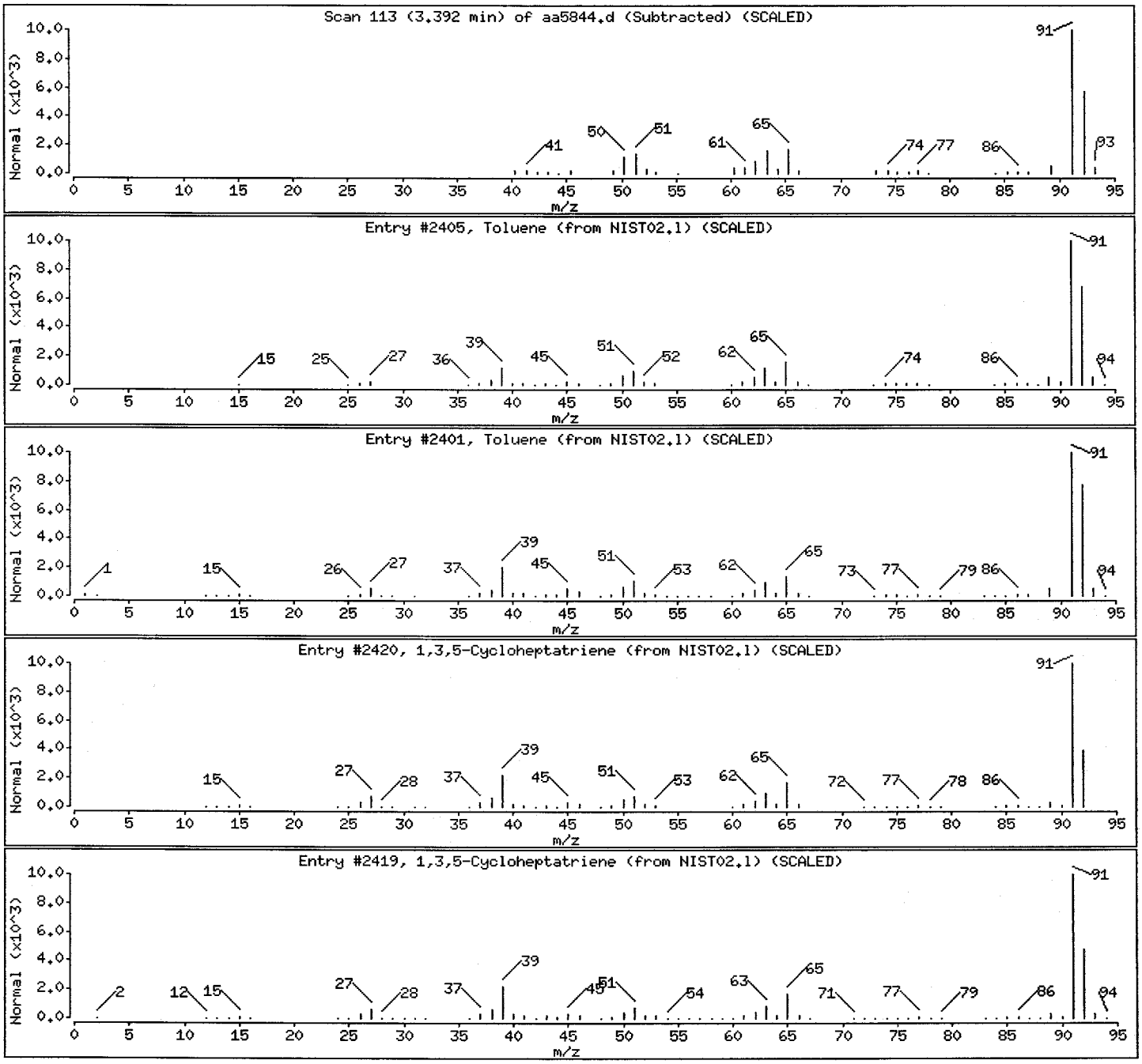
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	91	C7H8	92
Toluene	108-88-3	NIST02.l	2401	90	C7H8	92
1,3,5-Cycloheptatriene	544-25-2	NIST02.l	2420	87	C7H8	92
1,3,5-Cycloheptatriene	544-25-2	NIST02.l	2419	87	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

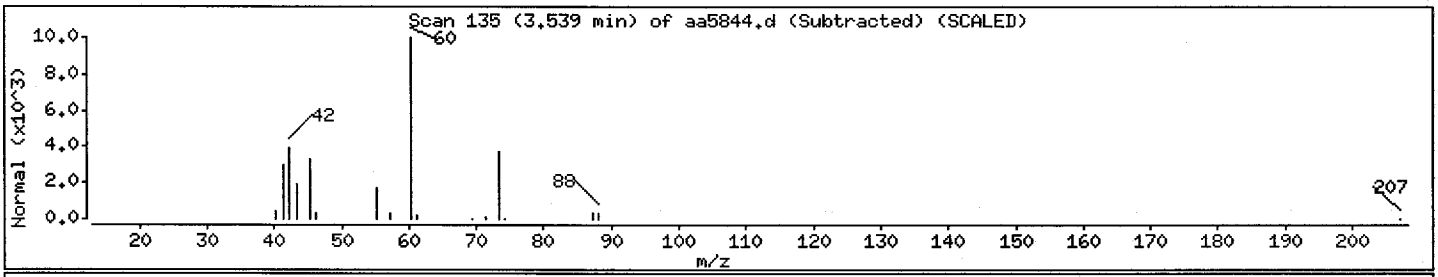
Client ID: 080508-08 Instrument: BNAMS8.i

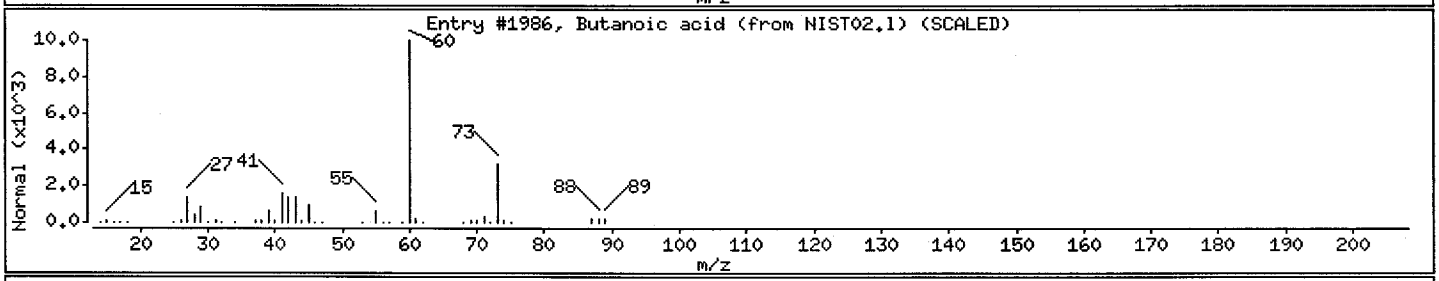
Sample Info: 940361;4447077

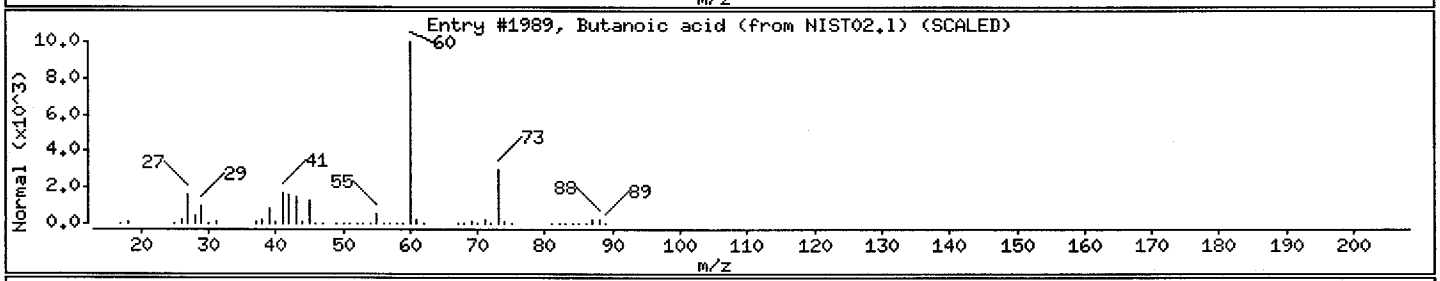
Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Butanoic acid	107-92-6	NIST02.l	1986	53	C4H8O2	88
Butanoic acid	107-92-6	NIST02.l	1989	53	C4H8O2	88







Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

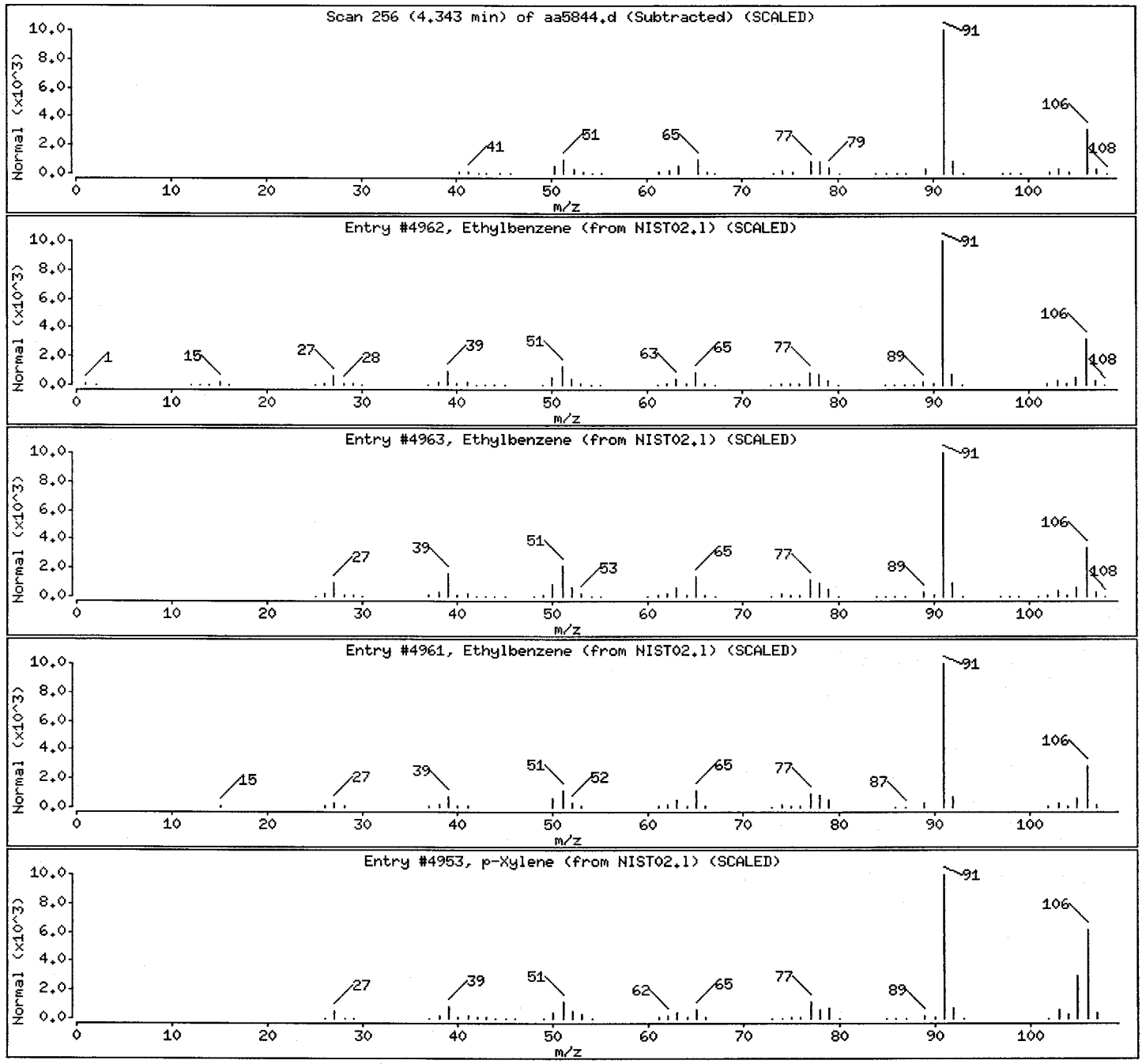
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4962	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4963	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	91	C8H10	106
p-Xylene	106-42-3	NIST02.l	4953	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

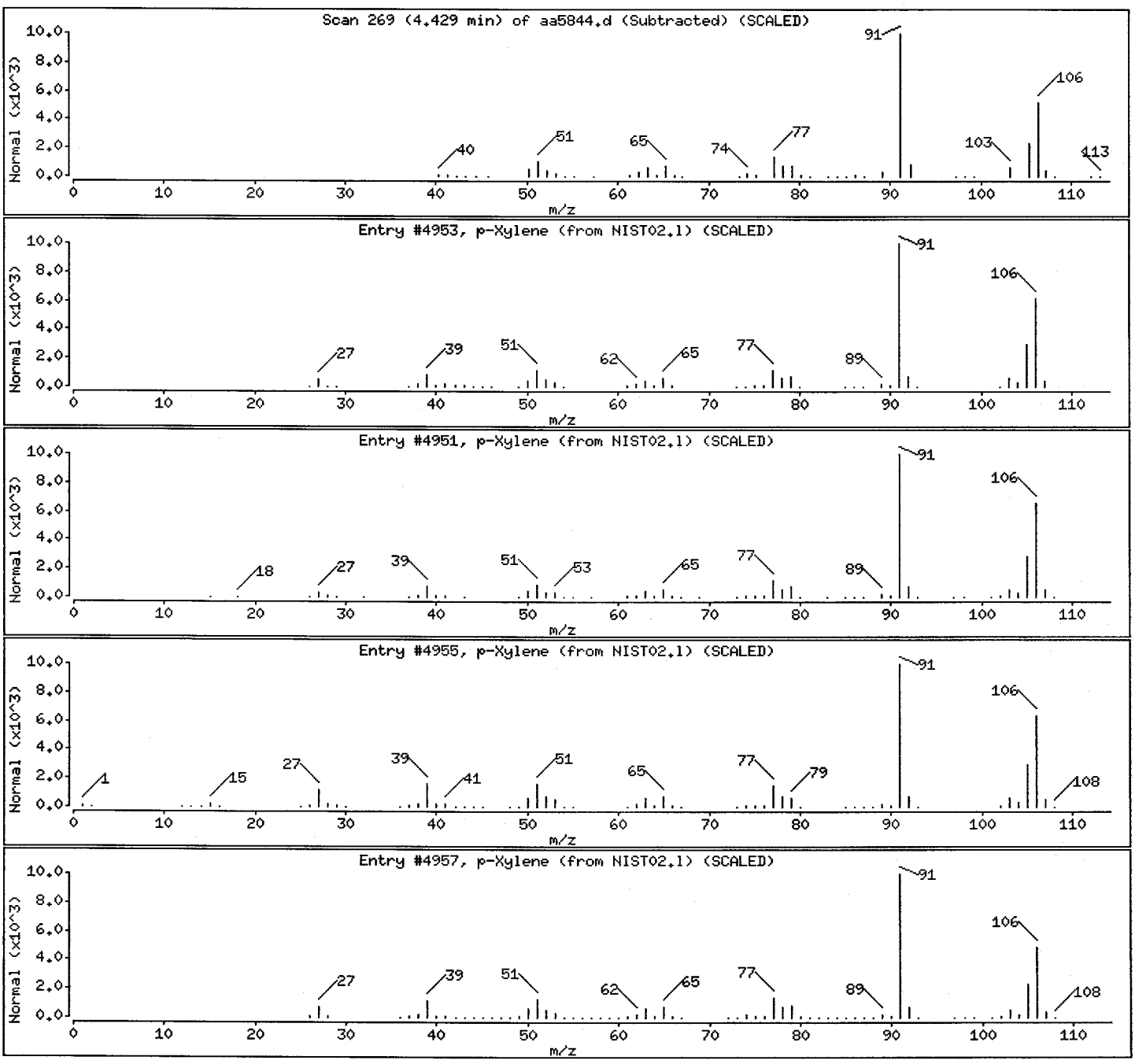
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
p-Xylene	106-42-3	NIST02.l	4953	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4951	94	C8H10	106
p-Xylene	106-42-3	NIST02.l	4955	91	C8H10	106
p-Xylene	106-42-3	NIST02.l	4957	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

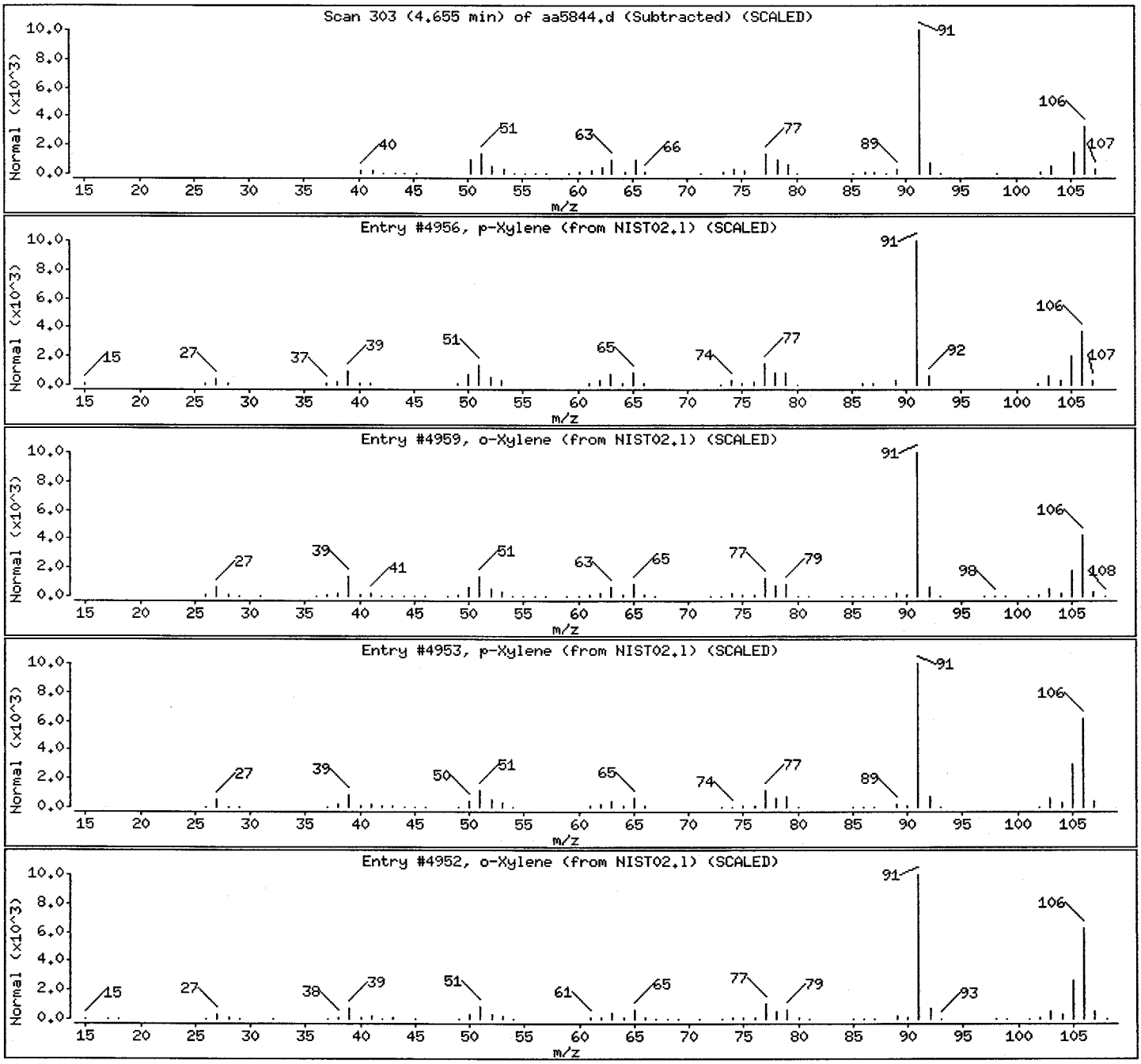
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
p-Xylene	106-42-3	NIST02.l	4956	93	C8H10	106
o-Xylene	95-47-6	NIST02.l	4959	93	C8H10	106
p-Xylene	106-42-3	NIST02.l	4953	91	C8H10	106
o-Xylene	95-47-6	NIST02.l	4952	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

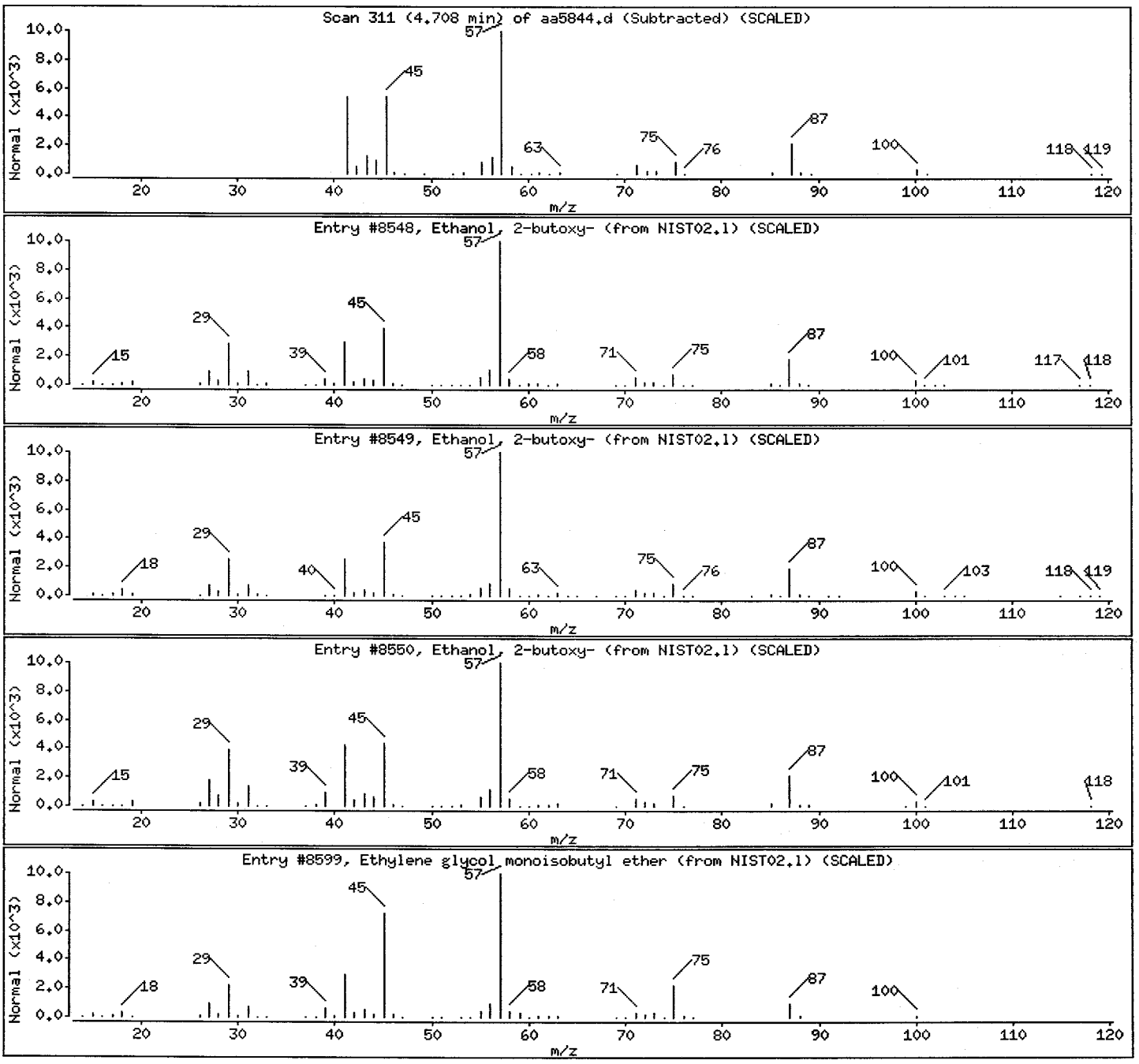
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8548	87	C6H1402	118
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8549	70	C6H1402	118
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8550	70	C6H1402	118
Ethylene glycol monoisobutyl ether	4439-24-1	NIST02.l	8599	50	C6H1402	118



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

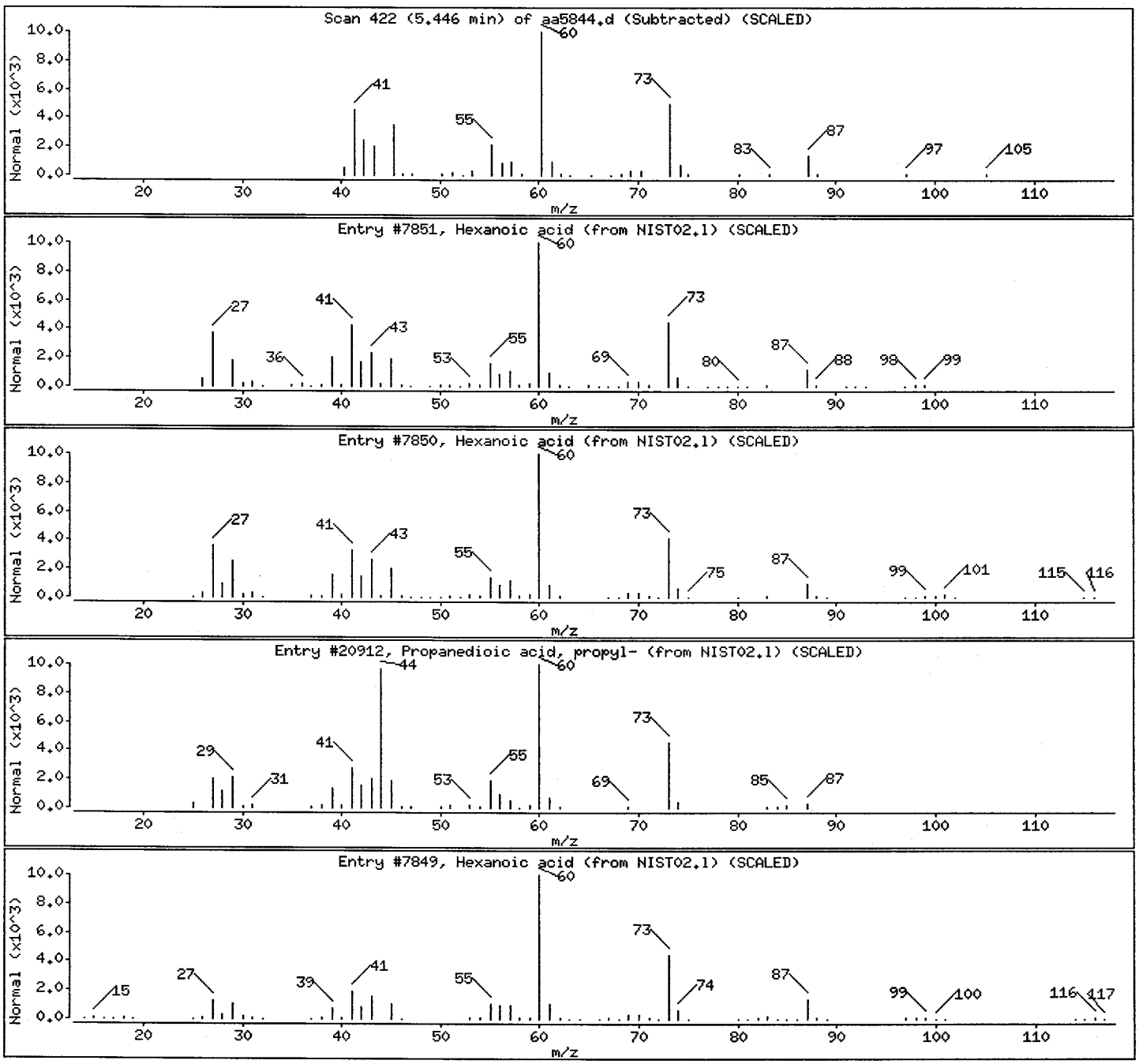
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361:4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Organic Acid						
Hexanoic acid	142-62-1	NIST02.l	7851	72	C6H12O2	116
Hexanoic acid	142-62-1	NIST02.l	7850	64	C6H12O2	116
Propanedioic acid, propyl-	616-62-6	NIST02.l	20912	50	C6H10O4	146
Hexanoic acid	142-62-1	NIST02.l	7849	50	C6H12O2	116



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

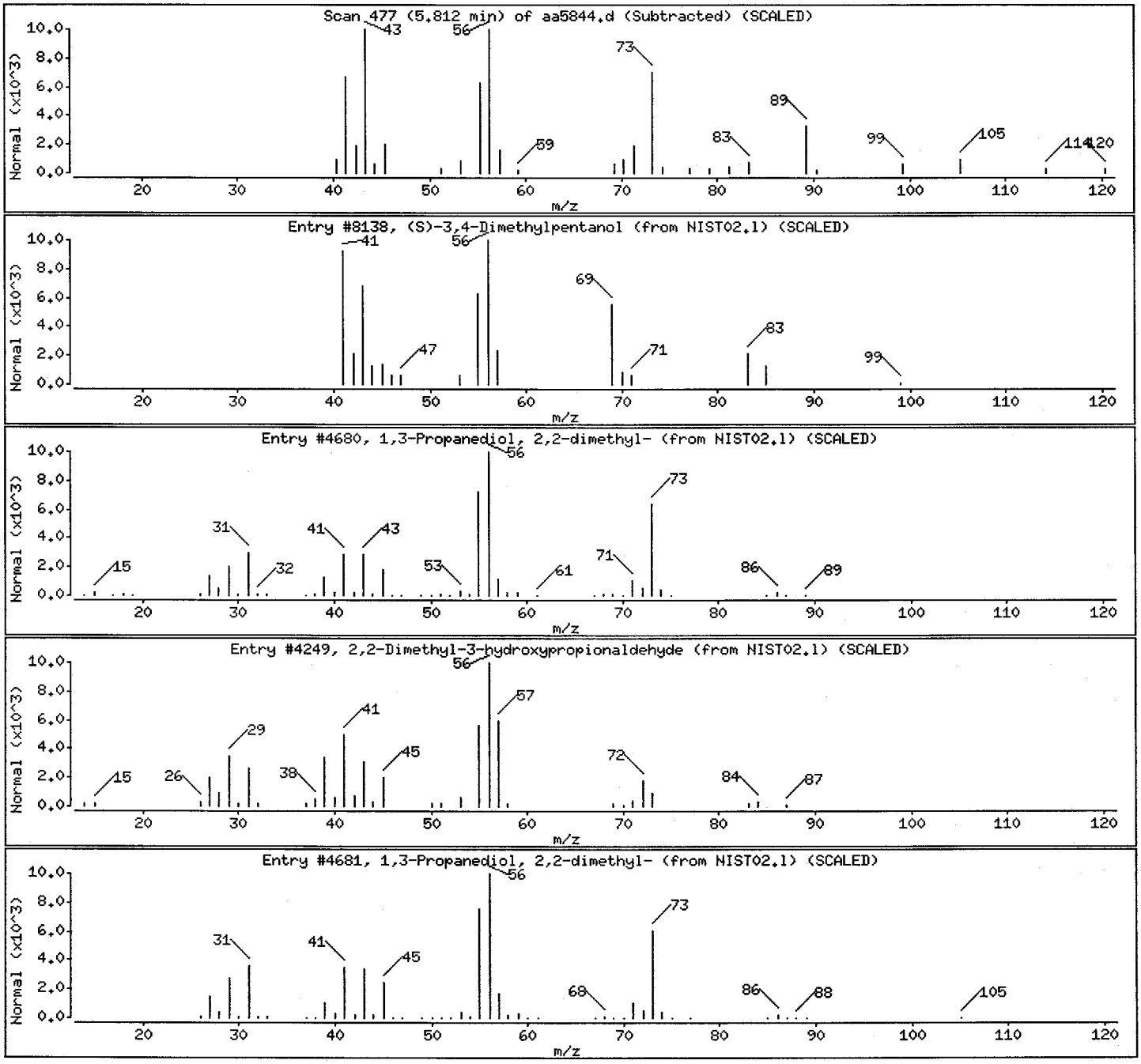
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
(S)-3,4-Dimethylpentanol	1000143-83-9	NIST02.l	8138	40	C7H160	116
1,3-Propanediol, 2,2-dimethyl-	126-30-7	NIST02.l	4680	38	C5H1202	104
2,2-Dimethyl-3-hydroxypropionaldehyde	597-31-9	NIST02.l	4249	38	C5H1002	102
1,3-Propanediol, 2,2-dimethyl-	126-30-7	NIST02.l	4681	38	C5H1202	104



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

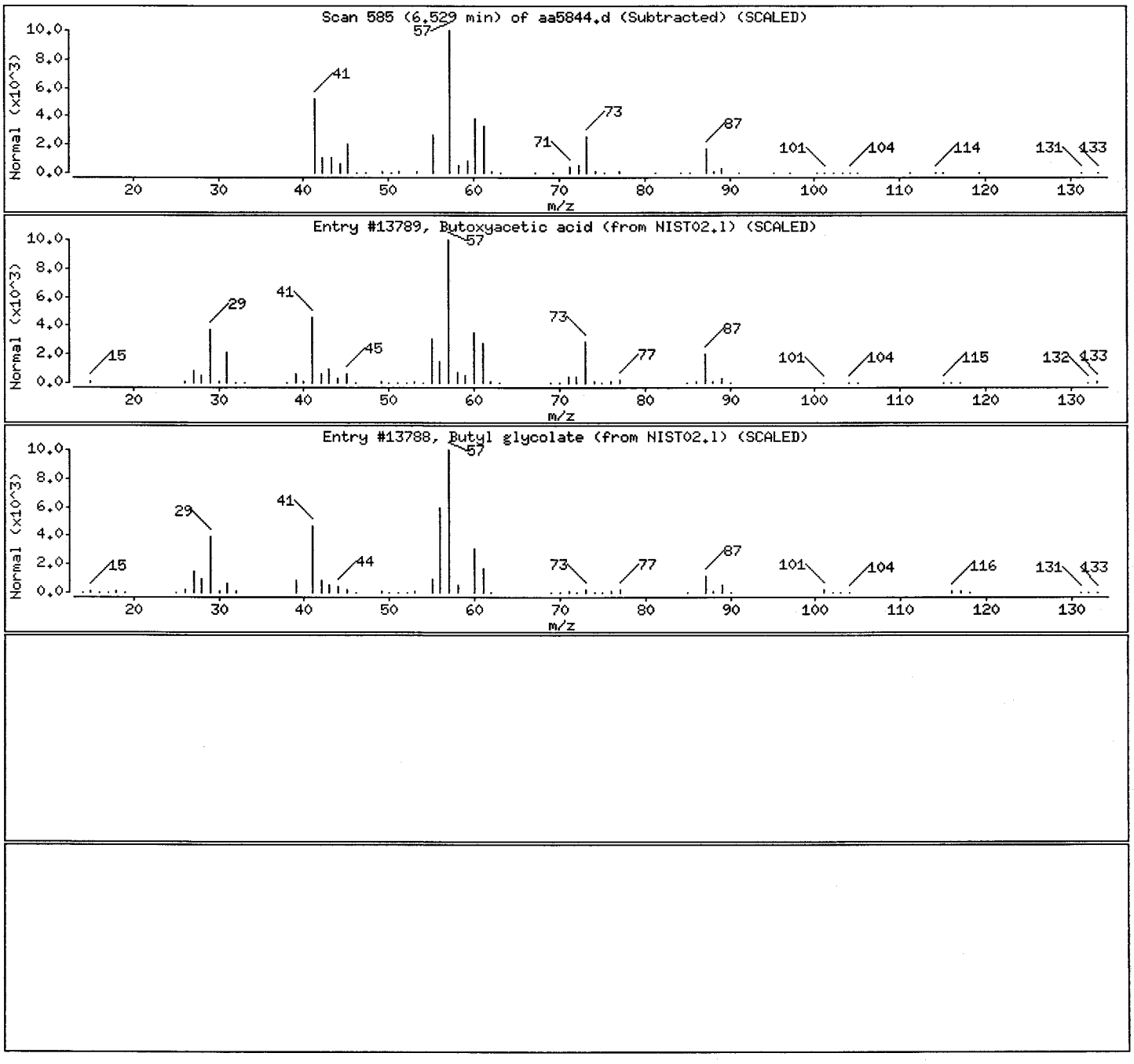
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	64	C6H1203	132
Butyl glycolate	7397-62-8	NIST02.l	13788	28	C6H1203	132



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

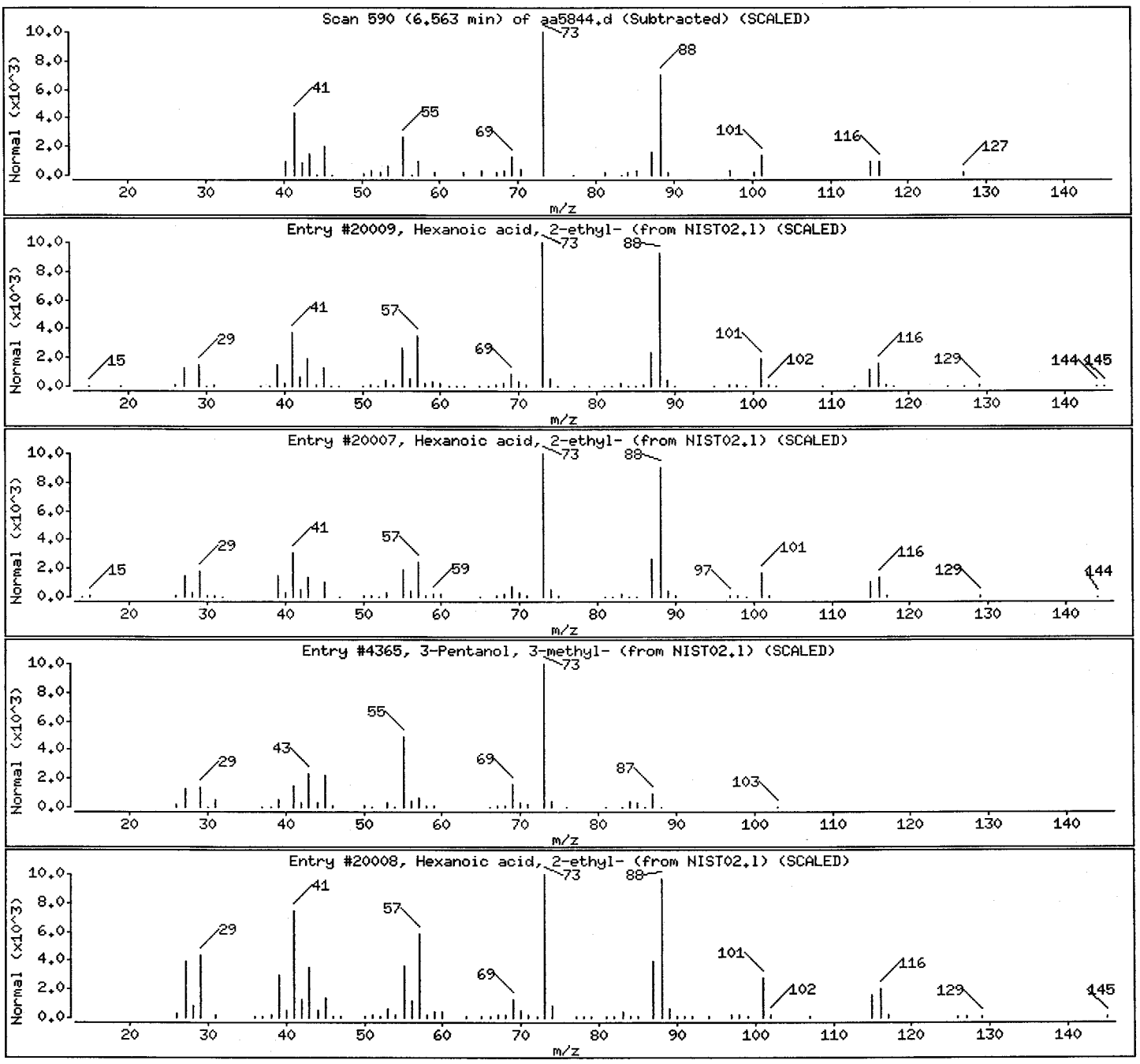
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Hexanoic acid, 2-ethyl-	149-57-5	NIST02.l	20009	50	C8H1602	144
Hexanoic acid, 2-ethyl-	149-57-5	NIST02.l	20007	36	C8H1602	144
3-Pentanol, 3-methyl-	77-74-7	NIST02.l	4365	32	C6H140	102
Hexanoic acid, 2-ethyl-	149-57-5	NIST02.l	20008	28	C8H1602	144



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

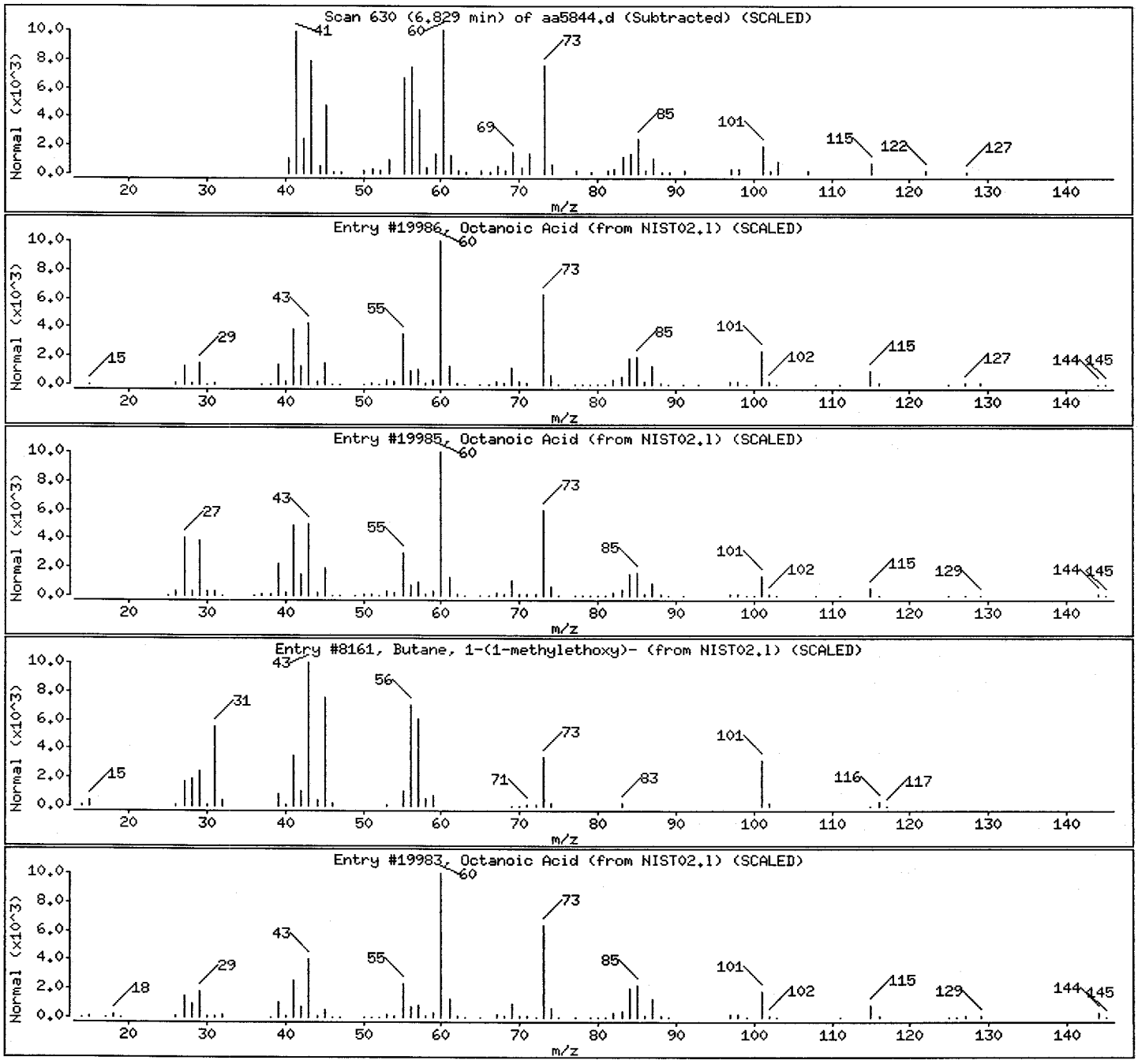
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Organic Acid						
Octanoic Acid	124-07-2	NIST02.l	19986	47	C8H1602	144
Octanoic Acid	124-07-2	NIST02.l	19985	43	C8H1602	144
Butane, 1-(1-methylethoxy)-	1860-27-1	NIST02.l	8161	43	C7H160	116
Octanoic Acid	124-07-2	NIST02.l	19983	38	C8H1602	144



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

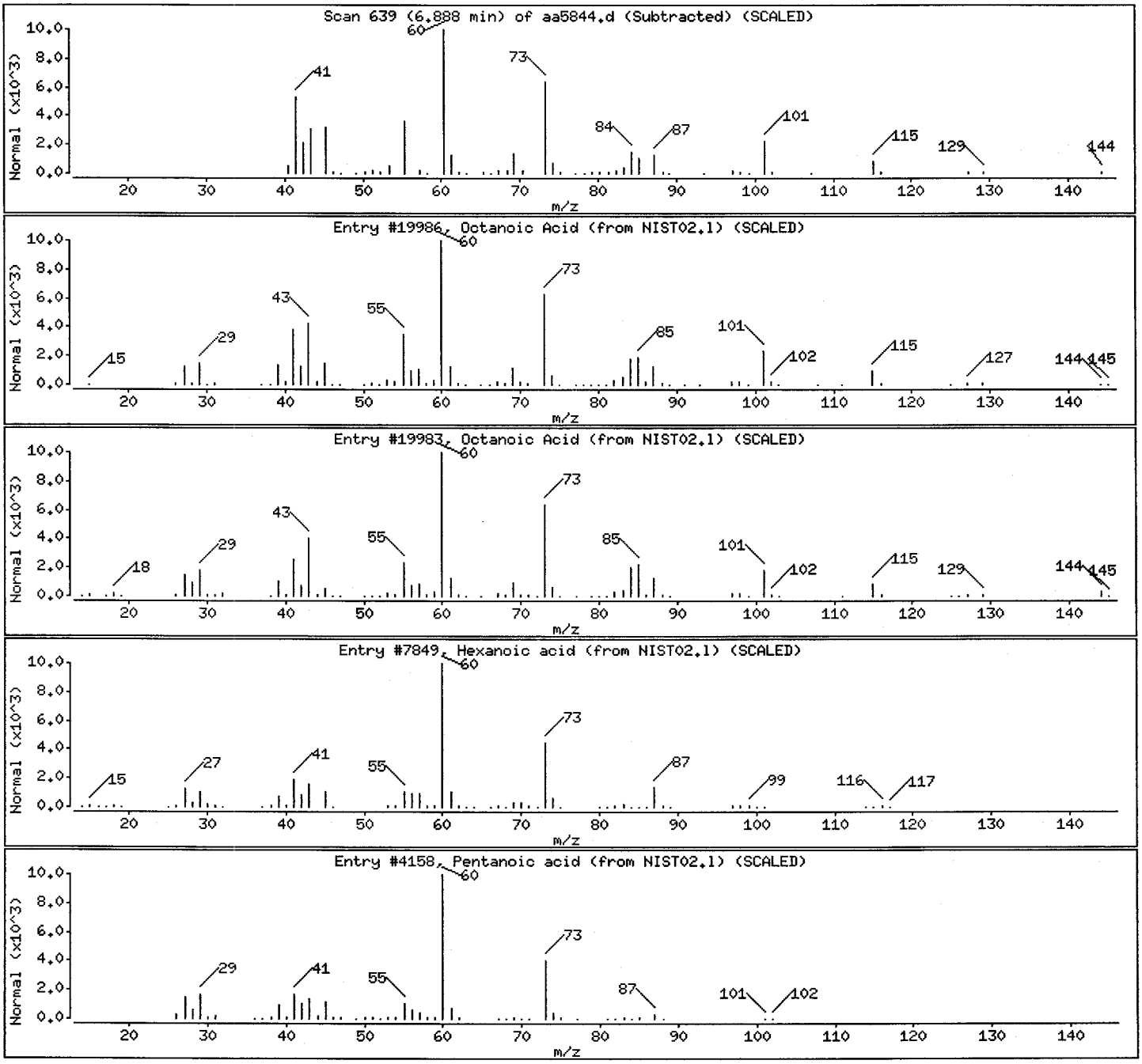
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octanoic Acid	124-07-2	NIST02.1	19986	87	C8H1602	144
Octanoic Acid	124-07-2	NIST02.1	19983	53	C8H1602	144
Hexanoic acid	142-62-1	NIST02.1	7849	47	C6H1202	116
Pentanoic acid	109-52-4	NIST02.1	4158	47	C5H1002	102



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

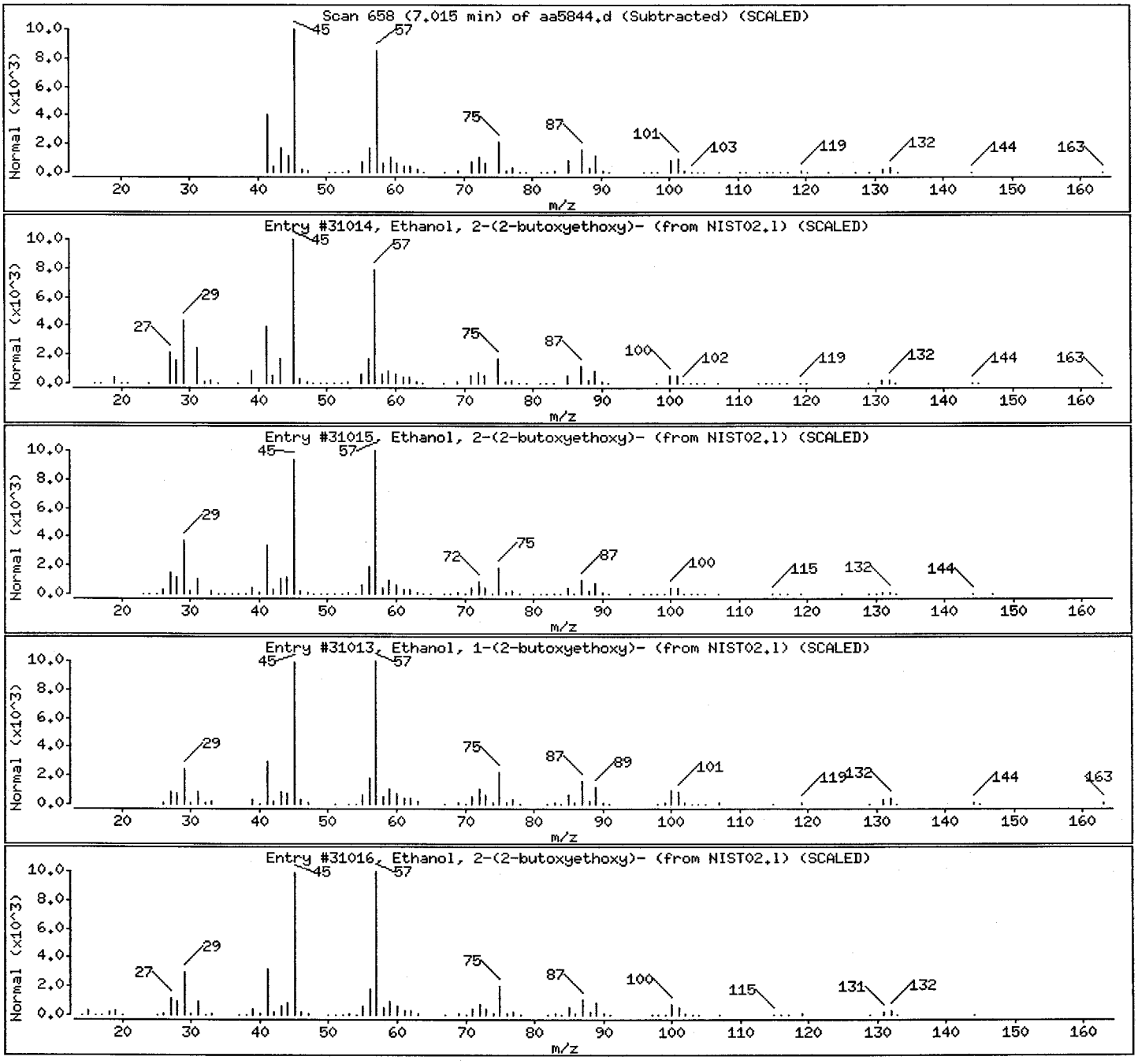
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	NIST02.l	31014	90	C8H1803	162
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	NIST02.l	31015	90	C8H1803	162
Ethanol, 1-(2-butoxyethoxy)-	54446-78-5	NIST02.l	31013	83	C8H1803	162
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	NIST02.l	31016	72	C8H1803	162



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

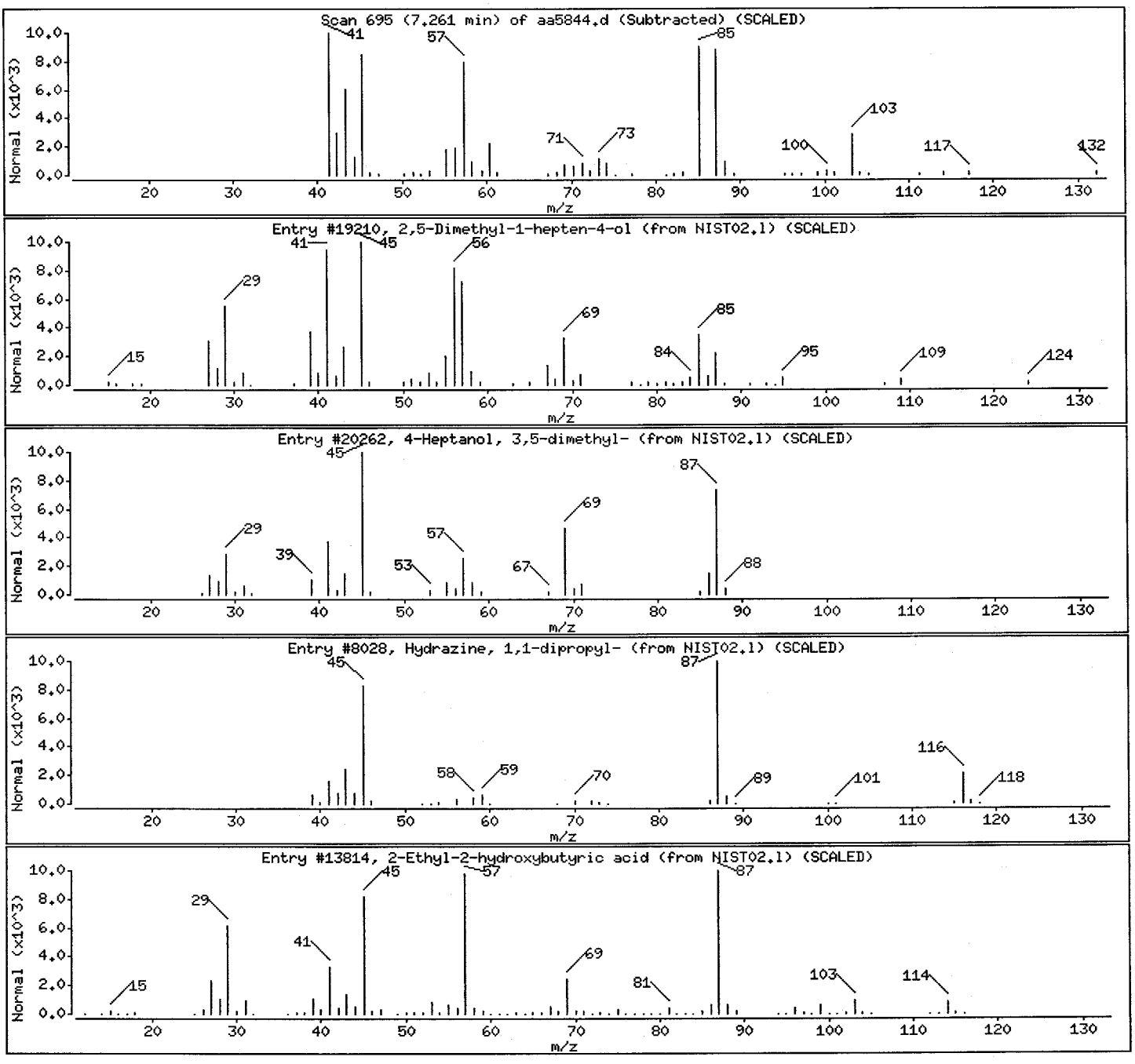
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2,5-Dimethyl-1-hepten-4-ol	19549-95-2	NIST02.l	19210	38	C9H18O	142
4-Heptanol, 3,5-dimethyl-	19549-79-2	NIST02.l	20262	38	C9H20O	144
Hydrazine, 1,1-dipropyl-	4986-50-9	NIST02.l	8028	38	C6H16N2	116
2-Ethyl-2-hydroxybutyric acid	3639-21-2	NIST02.l	13814	37	C6H12O3	132



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

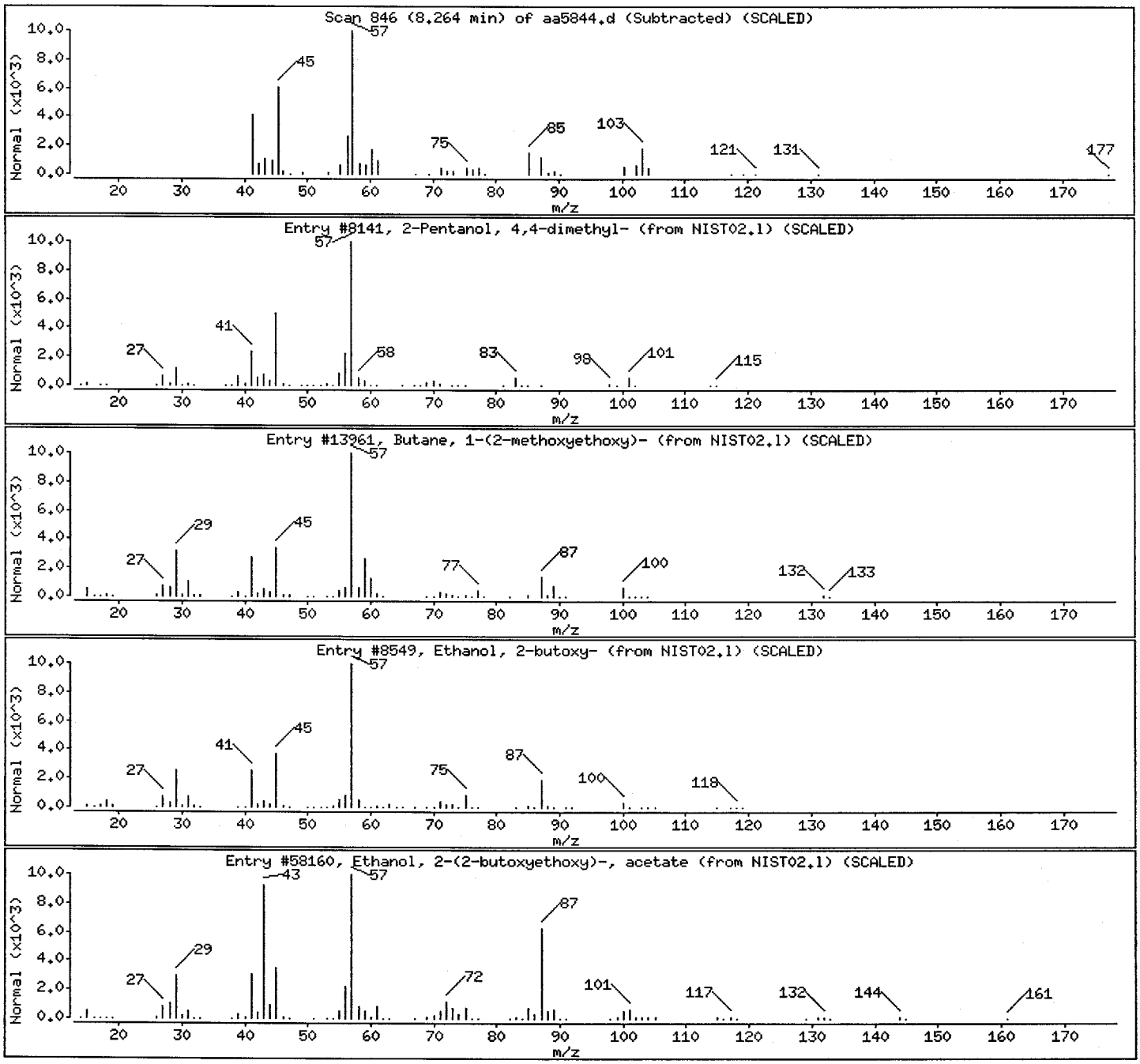
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361;4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pentanol, 4,4-dimethyl-	6144-93-0	NIST02.l	8141	43	C7H16O	116
Butane, 1-(2-methoxyethoxy)-	13343-98-1	NIST02.l	13961	43	C7H16O2	132
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8549	38	C6H14O2	118
Ethanol, 2-(2-butoxyethoxy)-, acetate	124-17-4	NIST02.l	58160	37	C10H20O4	204



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5844.d

Date : 12-AUG-2008 14:54

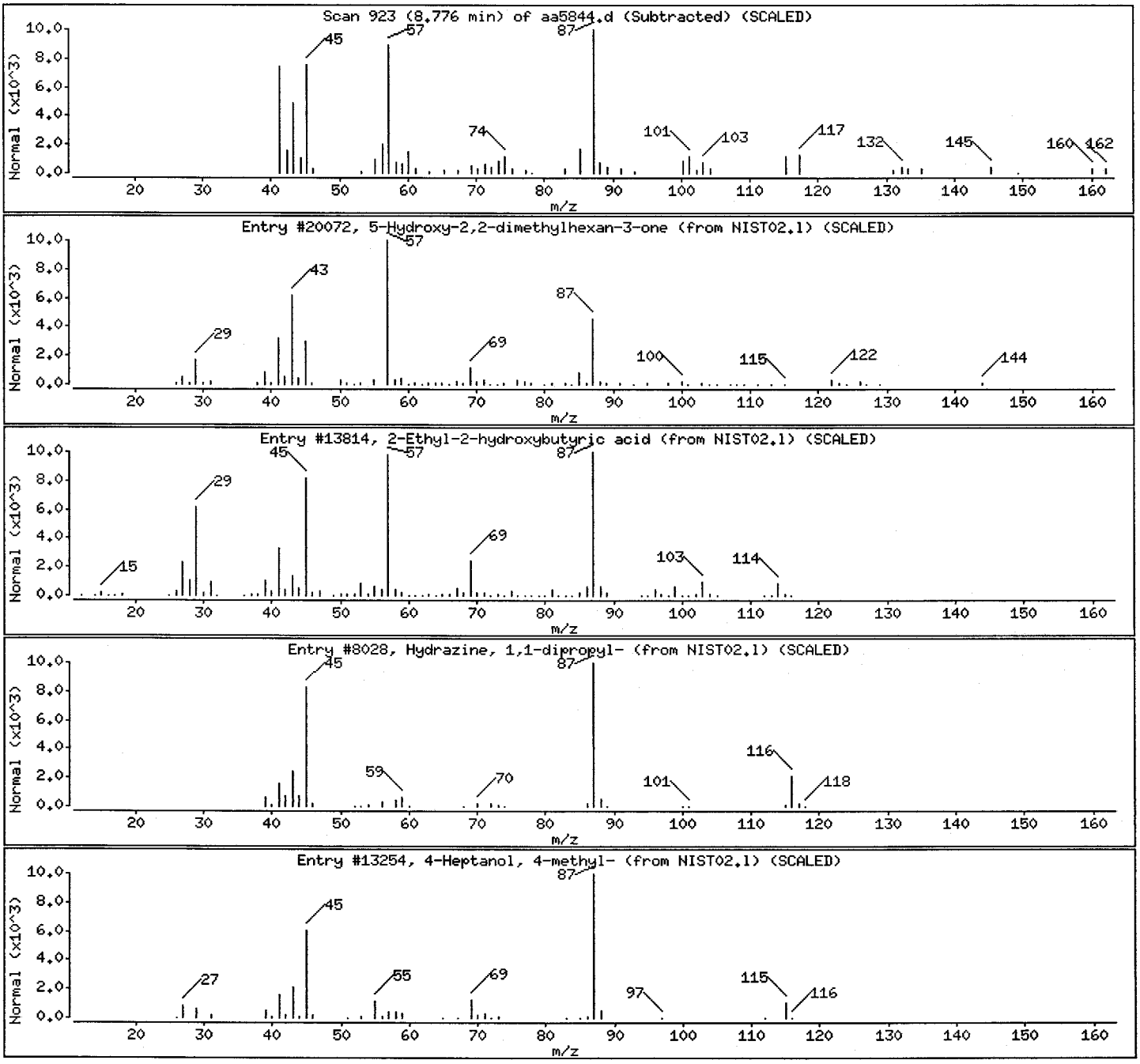
Client ID: 080508-08 Instrument: BNAMS8.i

Sample Info: 940361:4447077

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
5-Hydroxy-2,2-dimethylhexan-3-one	173343-33-4	NIST02.l	20072	59	C8H16O2	144
2-Ethyl-2-hydroxybutyric acid	3639-21-2	NIST02.l	13814	53	C6H12O3	132
Hydrazine, 1,1-dipropyl-	4986-50-9	NIST02.l	8028	50	C6H16N2	116
4-Heptanol, 4-methyl-	598-01-6	NIST02.l	13254	50	C8H18O	130



Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5811.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5811.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-09**
Site: GM Wilmington-17338

Lab Sample No: **940362**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5811.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.48	94	
2.	Ethylbenzene	4.42	18	
3.	Xylene isomer	4.74	8.9	
4.	Ethane, 1,1'-oxybis[2-ethoxy-]	6.18	17	
5.	Unknown	6.28	24	
6.	Unknown	8.11	100	
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	262

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d
Report Date: 11-Aug-2008 14:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d
Lab Smp Id: 940362 Client Smp ID: 080508-09
Inj Date : 11-AUG-2008 00:18
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940362;4447103
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

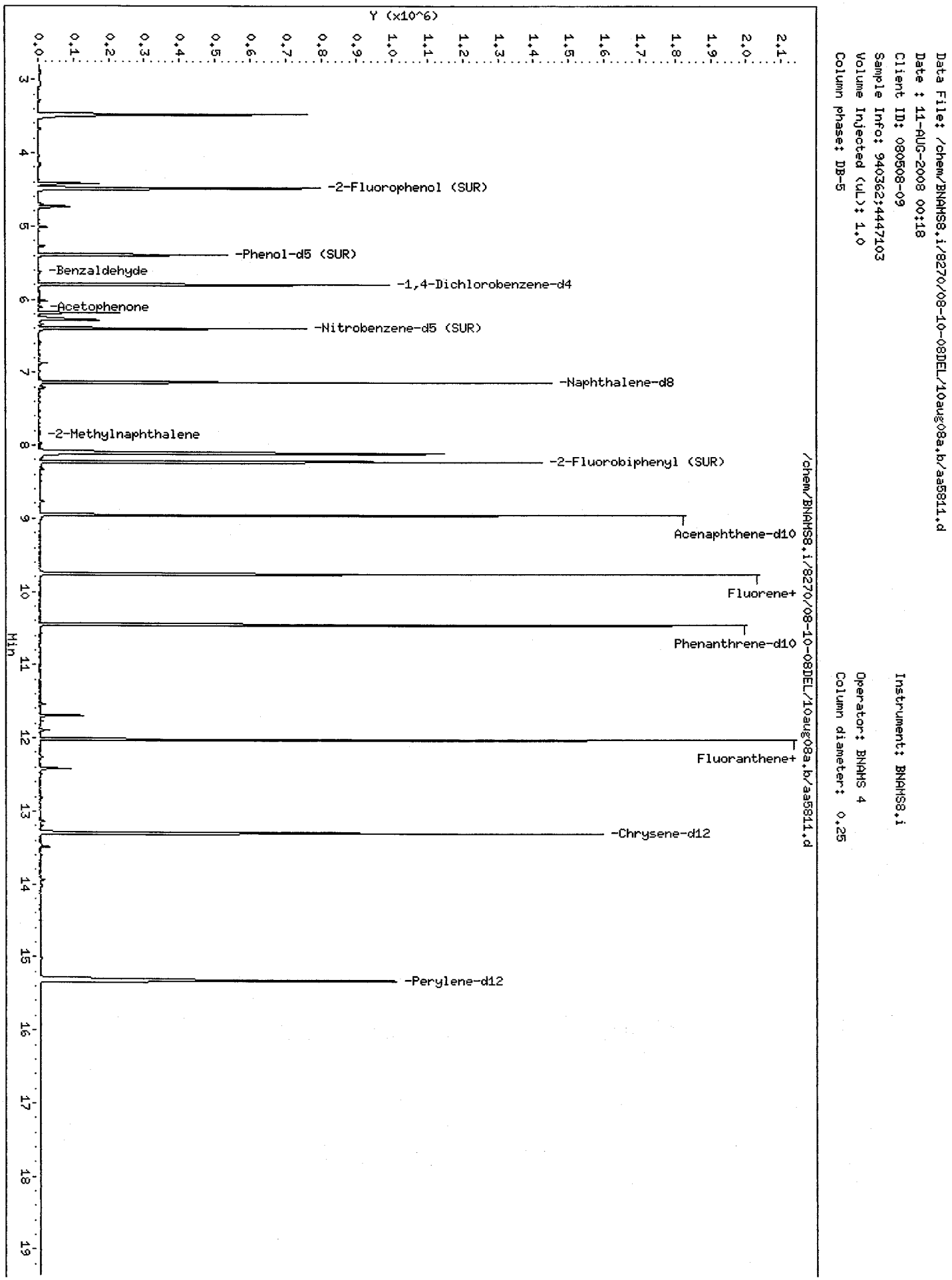
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.483	4.483	(0.773)	164788	41.1537	83
110 Benzaldehyde	77	5.619	5.361	(0.969)	431	0.13214	0.27(a)
$ 17 Phenol-d5 (SUR)	99	5.393	5.401	(0.930)	140278	24.9932	50
* 79 1,4-Dichlorobenzene-d4	152	5.799	5.799	(1.000)	129783	40.0000	
104 Acetophenone	105	6.111	6.231	(1.054)	1847	0.27060	0.55(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.404	6.404	(0.898)	235779	36.8581	74
* 80 Naphthalene-d8	136	7.135	7.135	(1.000)	549527	40.0000	
34 2-Methylnaphthalene	142	7.853	7.860	(1.101)	1372	0.14687	0.30(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.225	8.232	(0.918)	413969	37.6497	76
* 82 Acenaphthene-d10	164	8.956	8.956	(1.000)	401554	40.0000	
47 Fluorene	166	9.760	9.501	(1.090)	8486	0.71249	1.4(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.767	9.767	(1.091)	218611	90.1452	180
50 4-Bromophenyl-phenylether	248	9.760	9.953	(0.934)	14008	3.31054	6.7(a)
* 83 Phenanthrene-d10	188	10.451	10.459	(1.000)	690382	40.0000	
56 Fluoranthene	202	12.020	11.695	(1.150)	2653	0.10906	0.22(a)
57 Pyrene	202	12.020	11.934	(0.904)	2653	0.12659	0.26(a)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d
Report Date: 11-Aug-2008 14:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 78 Terphenyl-d14	244	12.020	12.020	(0.904)	640955	39.4004	80
* 81 Chrysene-d12	240	13.303	13.310	(1.000)	730412	40.0000	
* 84 Perylene-d12	264	15.323	15.324	(1.000)	605384	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d
Date : 11-AUG-2008 00:18
Client ID: 080508-09
Sample Info: 940362;4447103
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-Benzaldehyde
-1,4-Dichlorobenzene-d4
-Acetophenone
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Fluoranthene+
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

Client ID: 080508-09 Instrument: BNAMS8.i

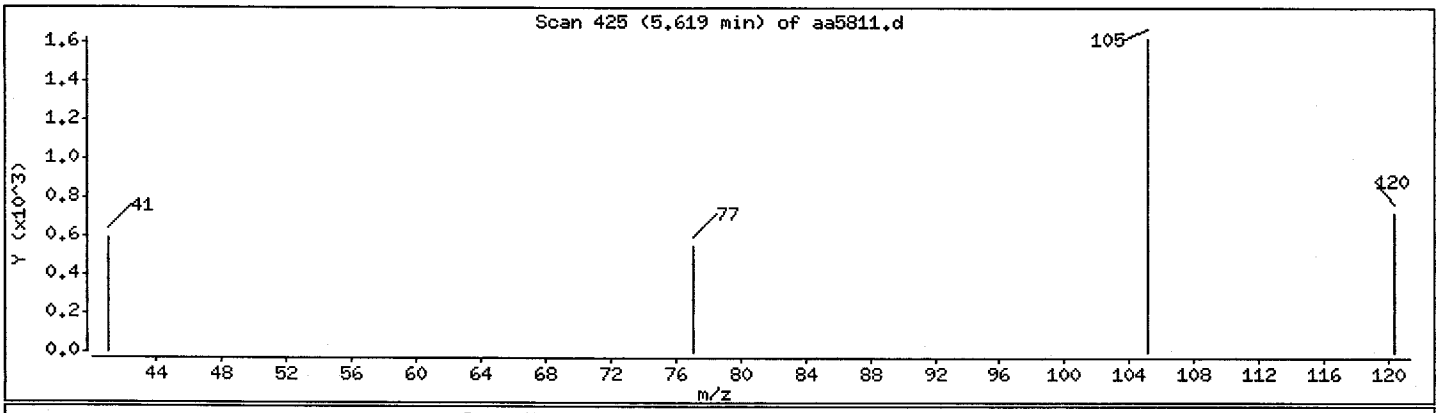
Sample Info: 940362;4447103

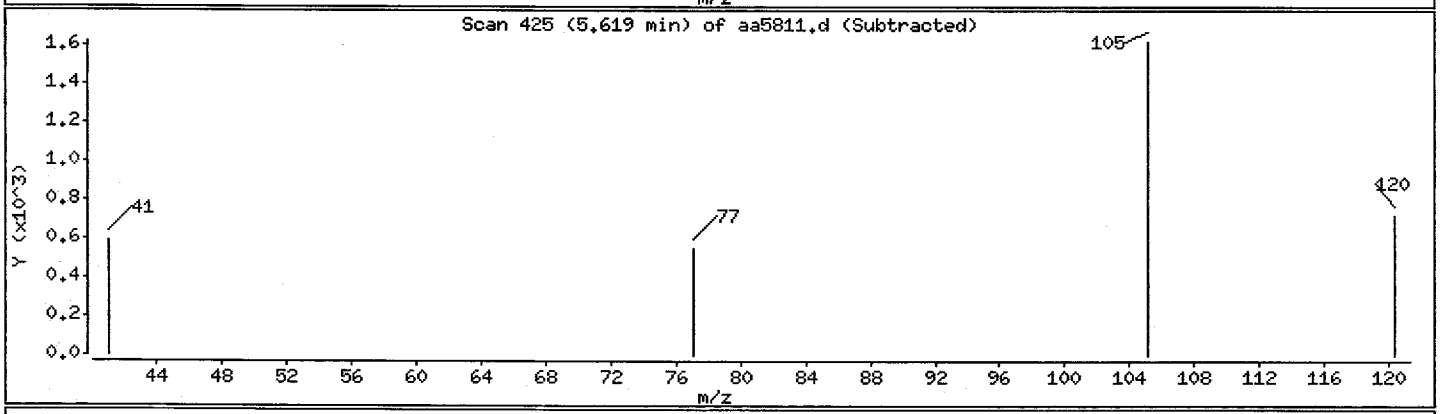
Volume Injected (uL): 1.0 Operator: BNAMS 4

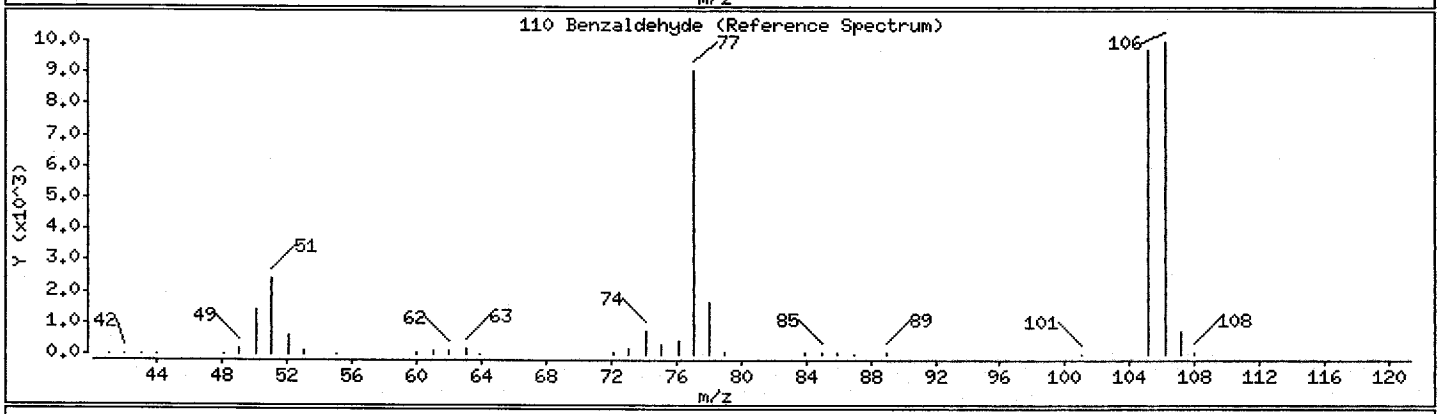
Column phase: DB-5 Column diameter: 0.25

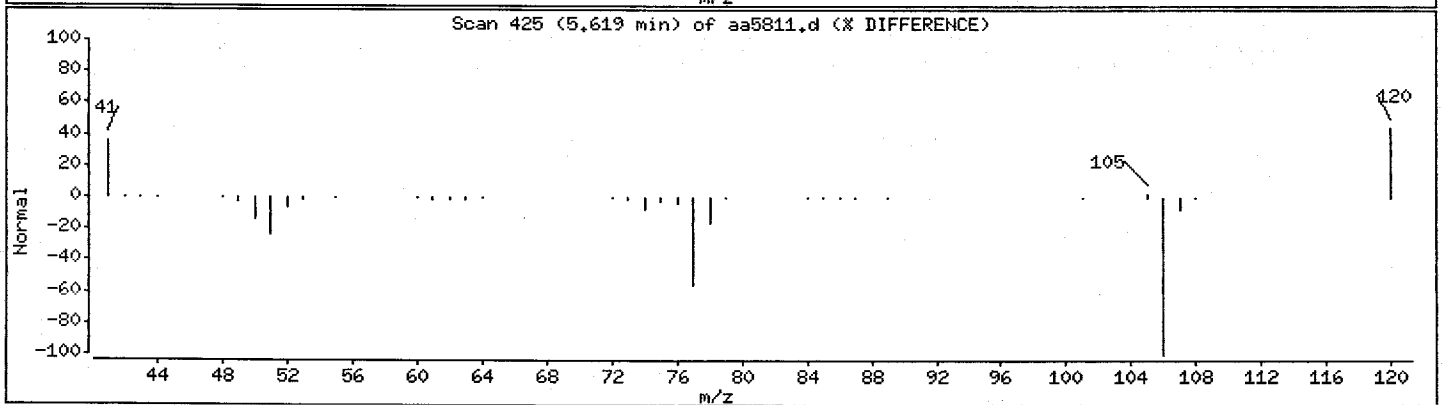
110 Benzaldehyde Concentration: 0.27 ug/L

FALSE POSITIVE Init









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

Client ID: 080508-09 Instrument: BNAMS8.i

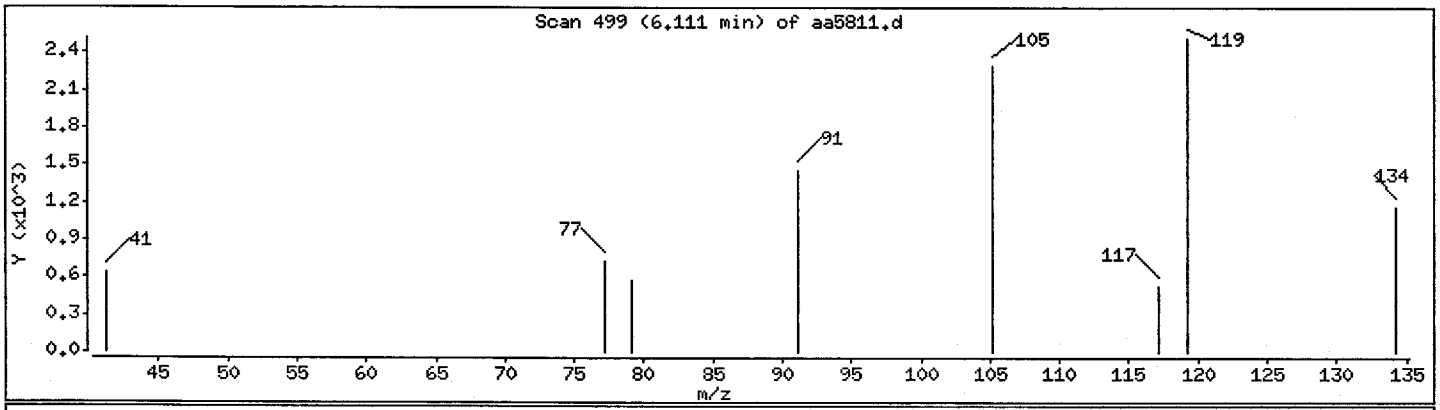
Sample Info: 940362;4447103

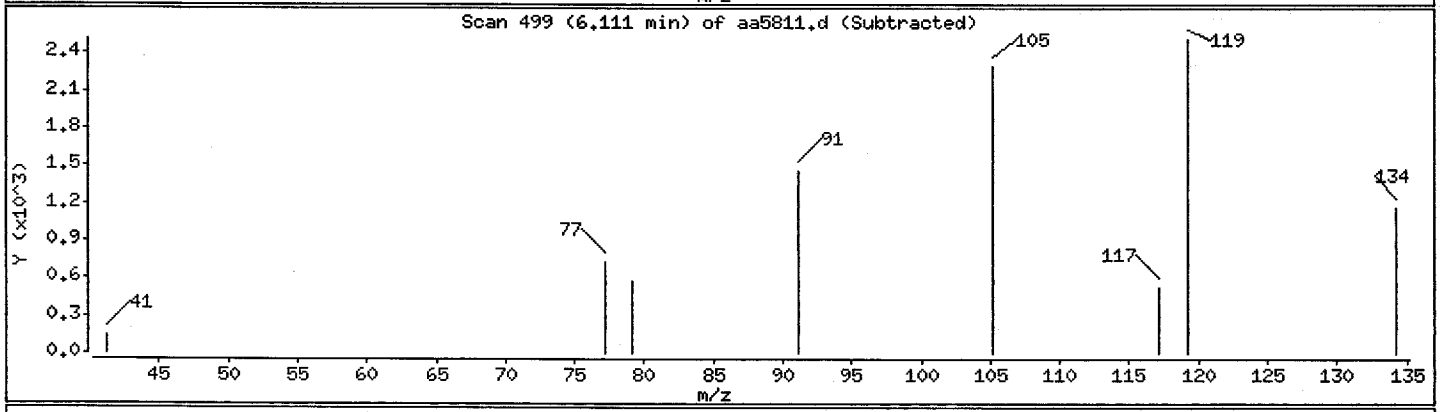
Volume Injected (uL): 1.0 Operator: BNAMS 4

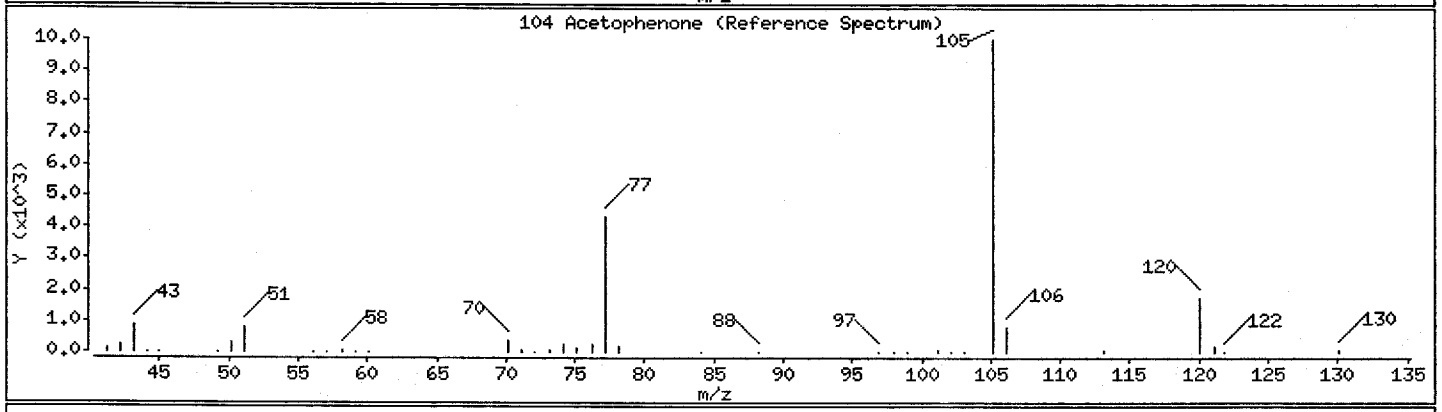
Column phase: DB-5 Column diameter: 0.25

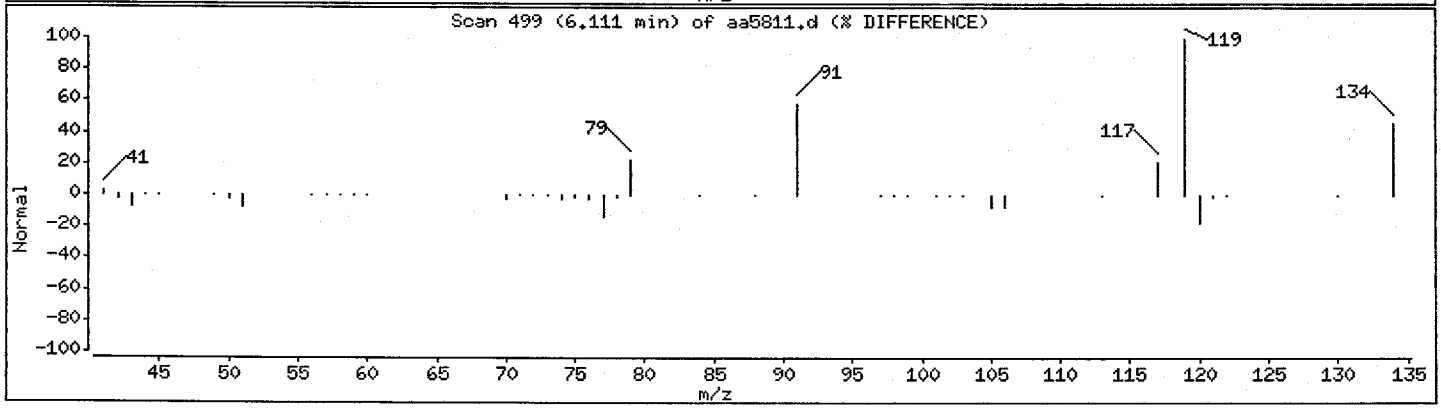
104 Acetophenone Concentration: 0.55 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

Client ID: 080508-09 Instrument: BNAMS8.i

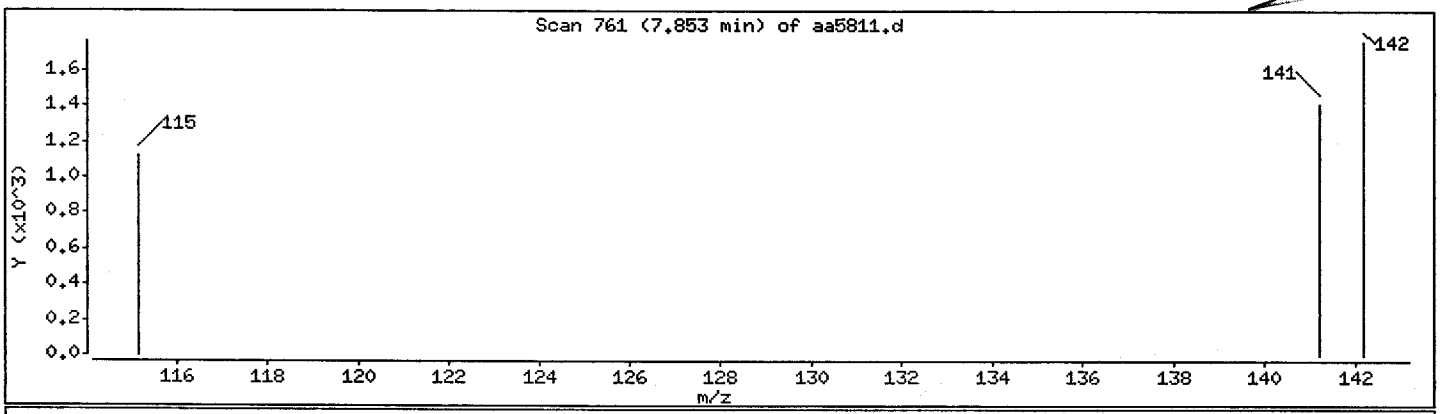
Sample Info: 940362;4447103

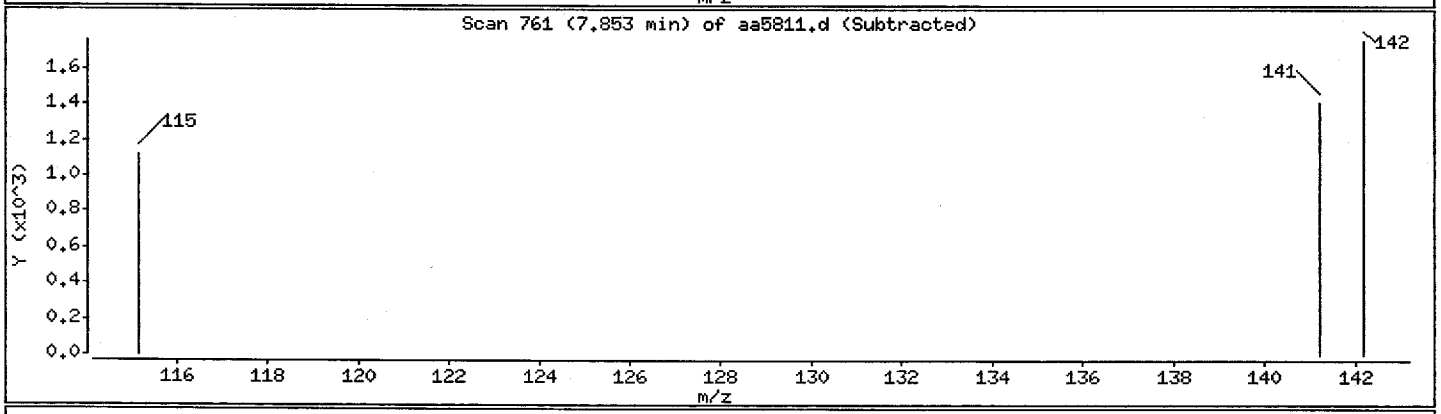
Volume Injected (uL): 1.0 Operator: BNAMS 4

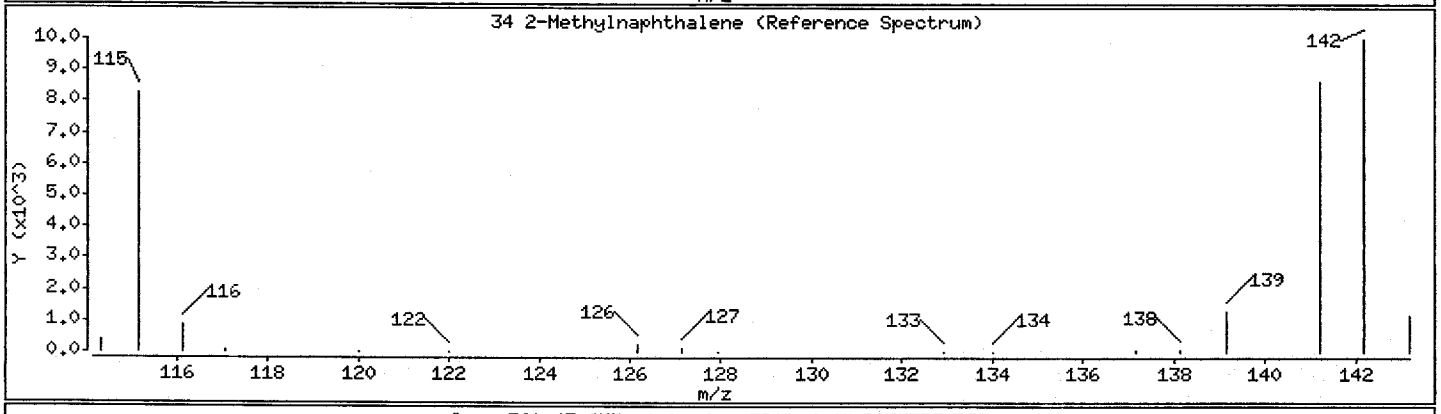
Column phase: DB-5 Column diameter: 0.25

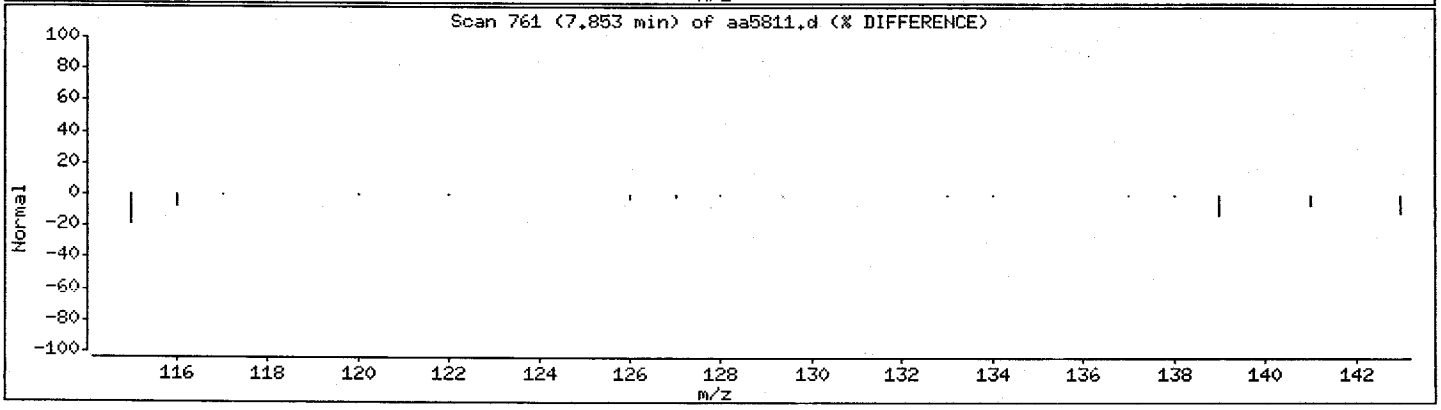
34 2-Methylnaphthalene Concentration: 0.30 ug/L

False Pos W-3









FALSE POSITIVE Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

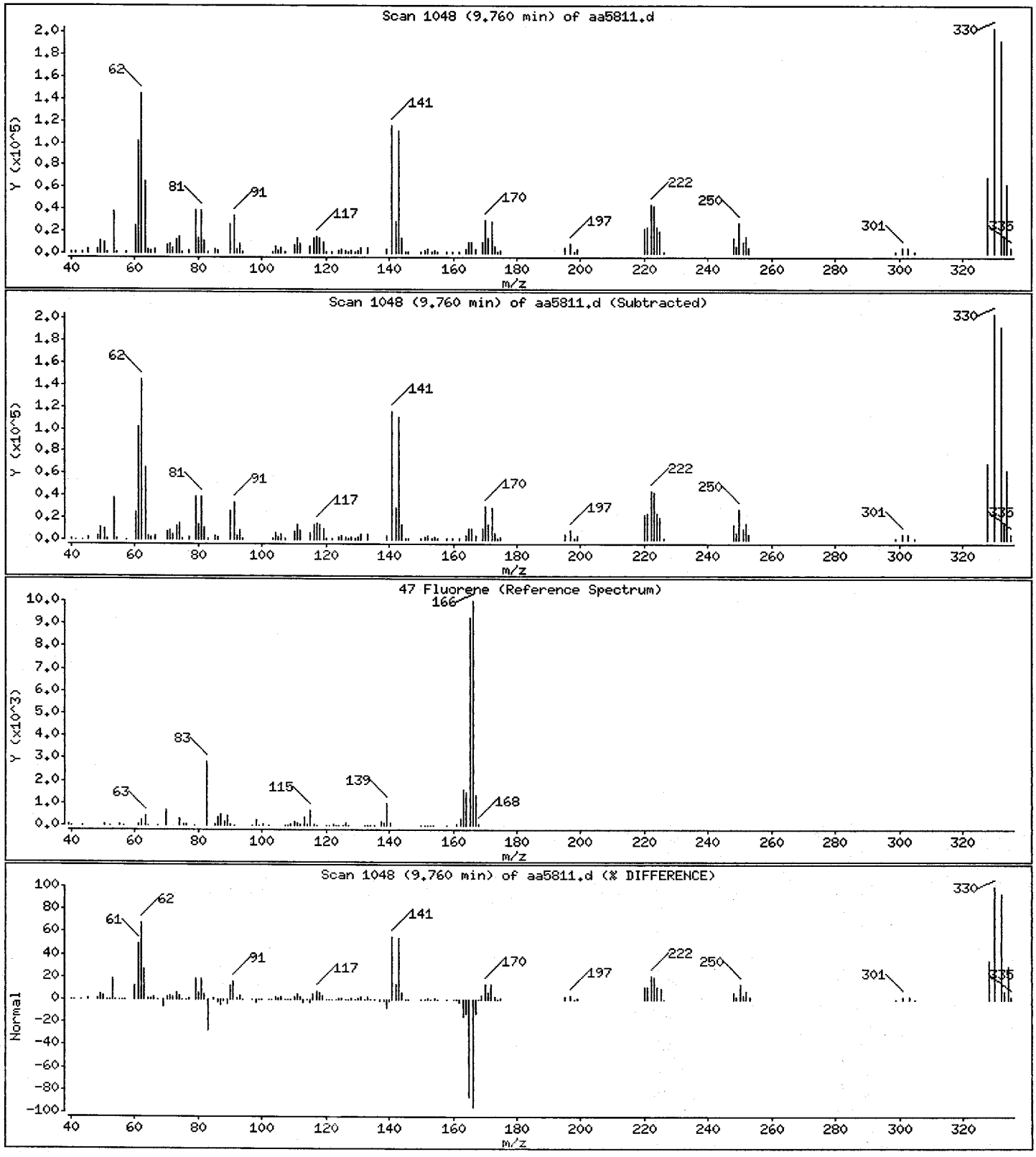
Client ID: 080508-09 Instrument: BNAMS8.i

Sample Info: 940362;4447103

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 1.4 ug/L



FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

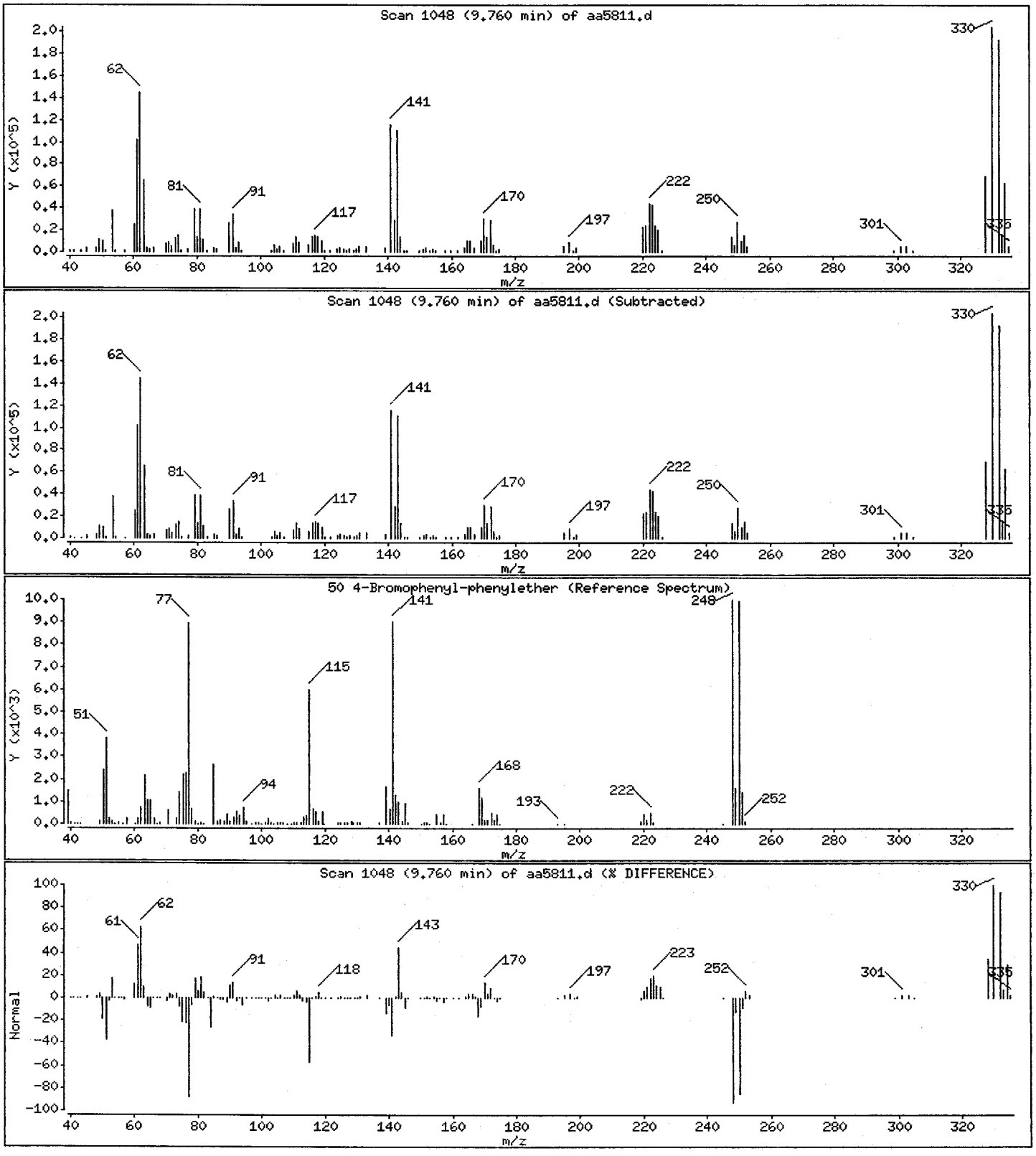
Client ID: 080508-09 Instrument: BNAMS8.i

Sample Info: 940362;4447103

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

50 4-Bromophenyl-phenylether Concentration: 6.7 ug/L



FALSE POSITIVE
Init

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

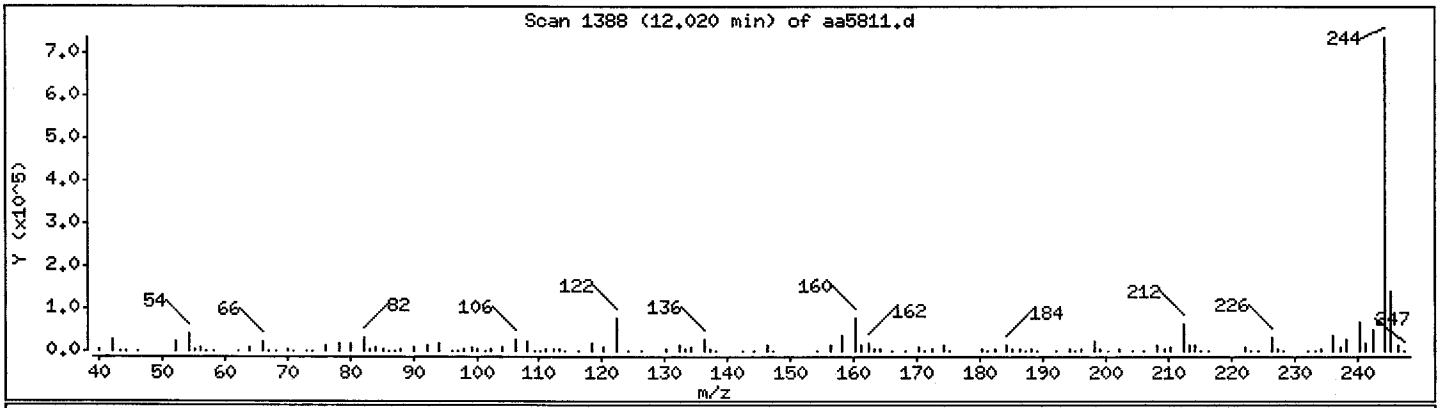
Client ID: 080508-09 Instrument: BNAMS8.i

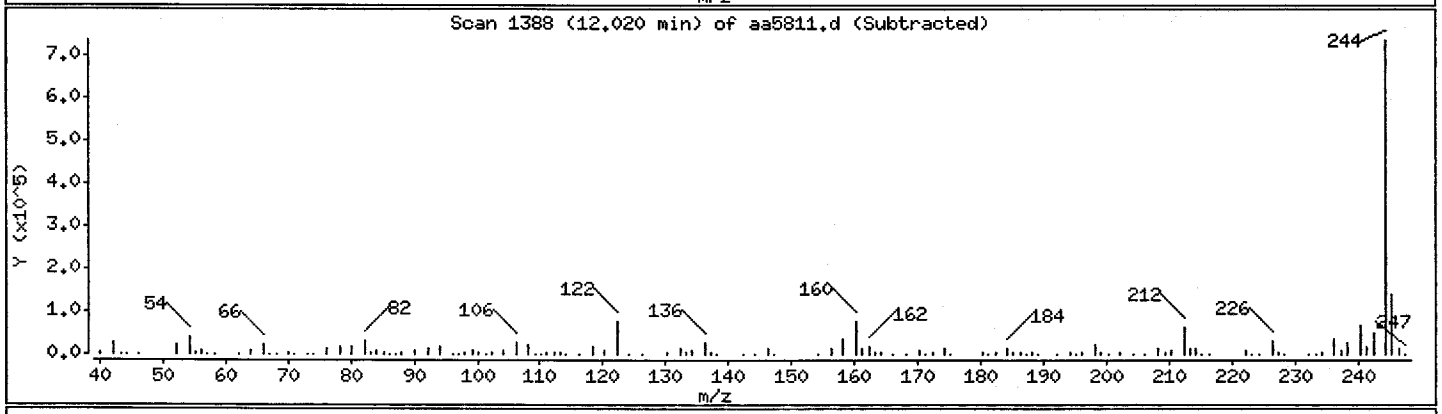
Sample Info: 940362;4447103

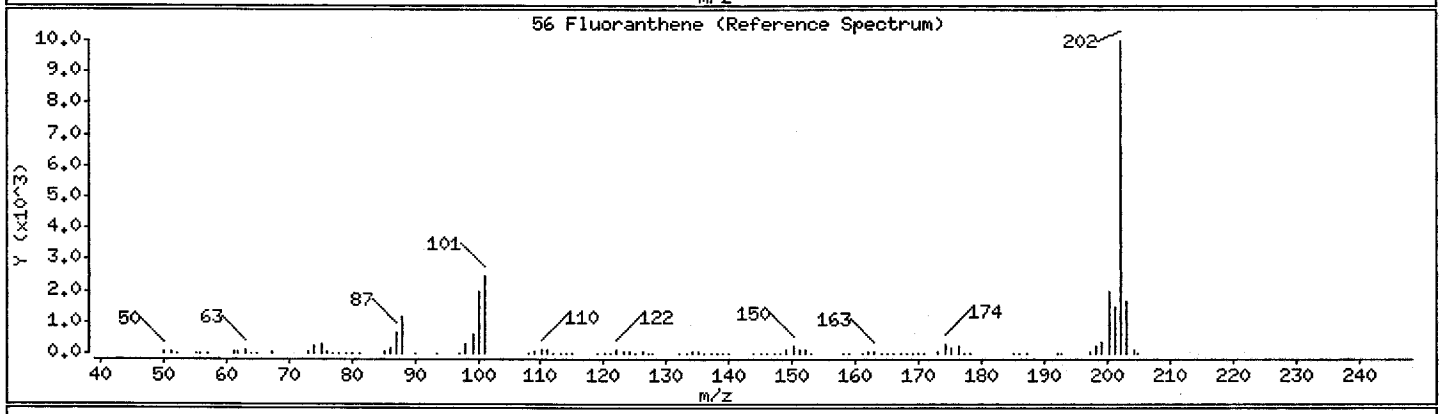
Volume Injected (uL): 1.0 Operator: BNAMS 4

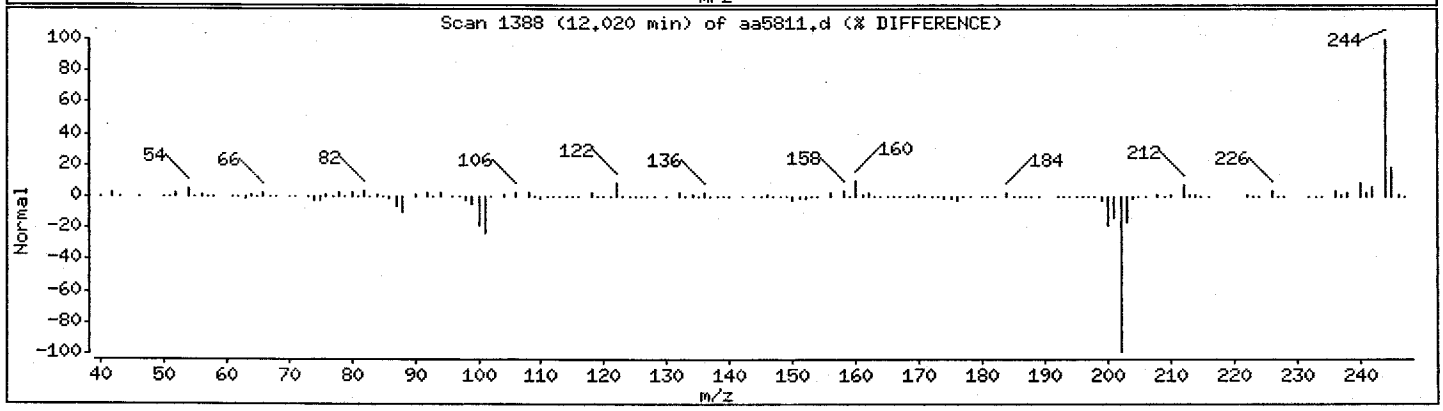
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 0.22 ug/L









FALSE POSITIVE Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

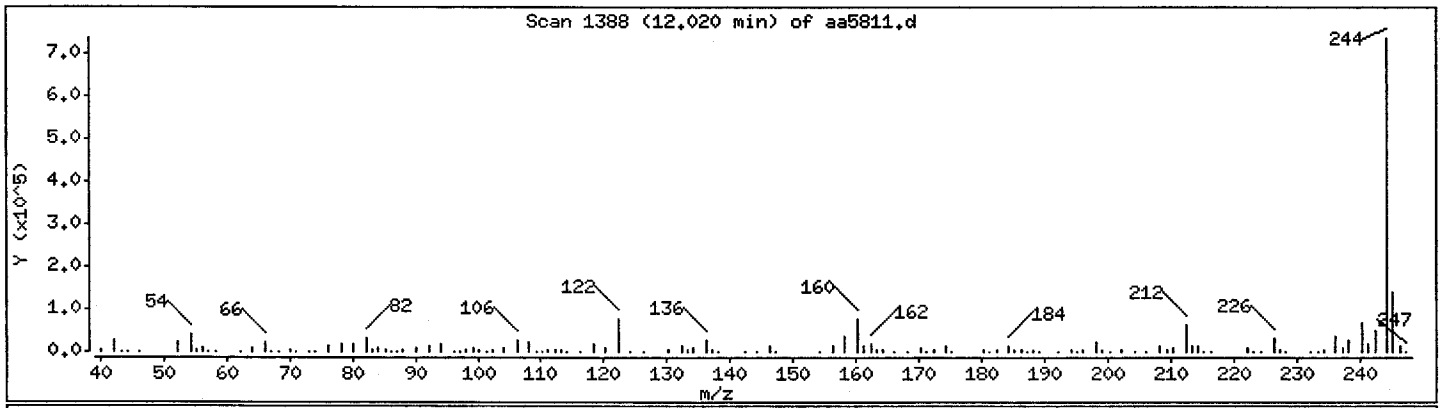
Client ID: 080508-09 Instrument: BNAMS8.i

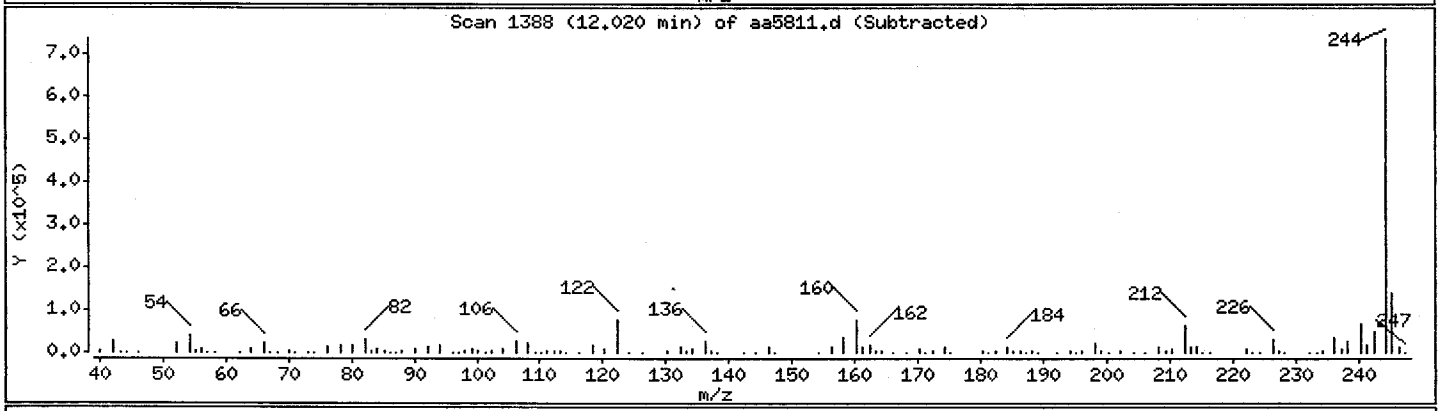
Sample Info: 940362;4447103

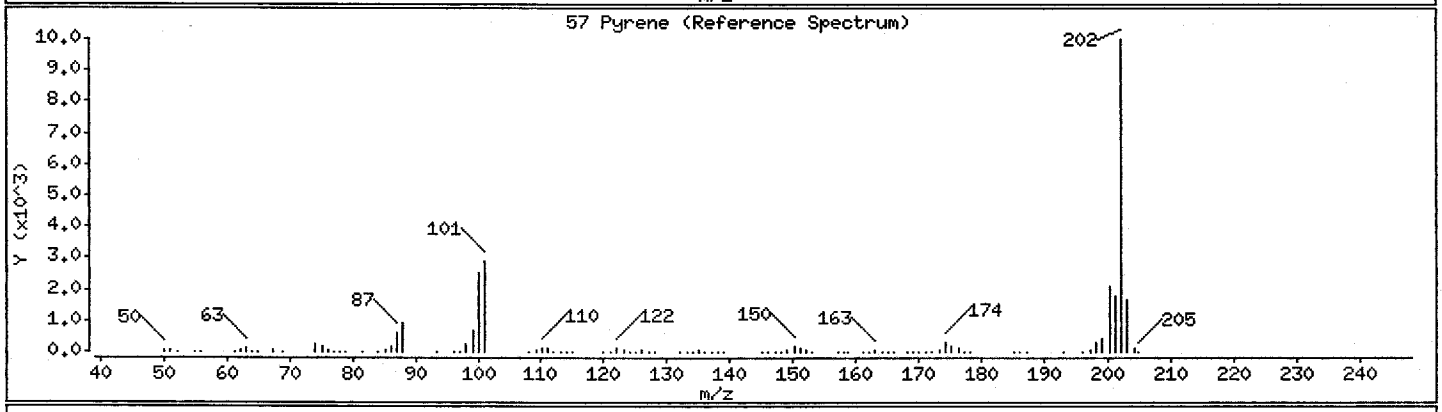
Volume Injected (uL): 1.0 Operator: BNAMS 4

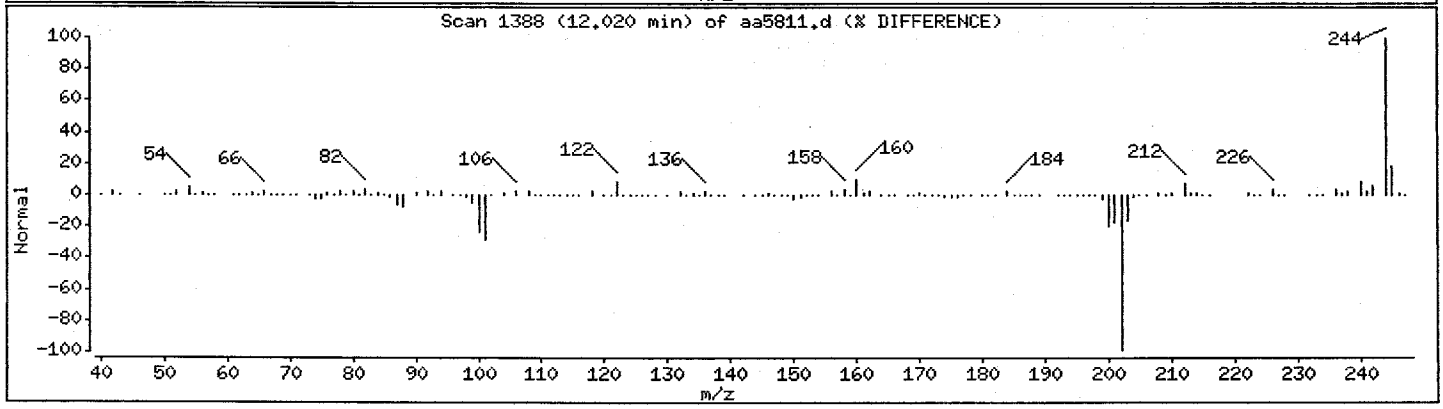
Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 0.26 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

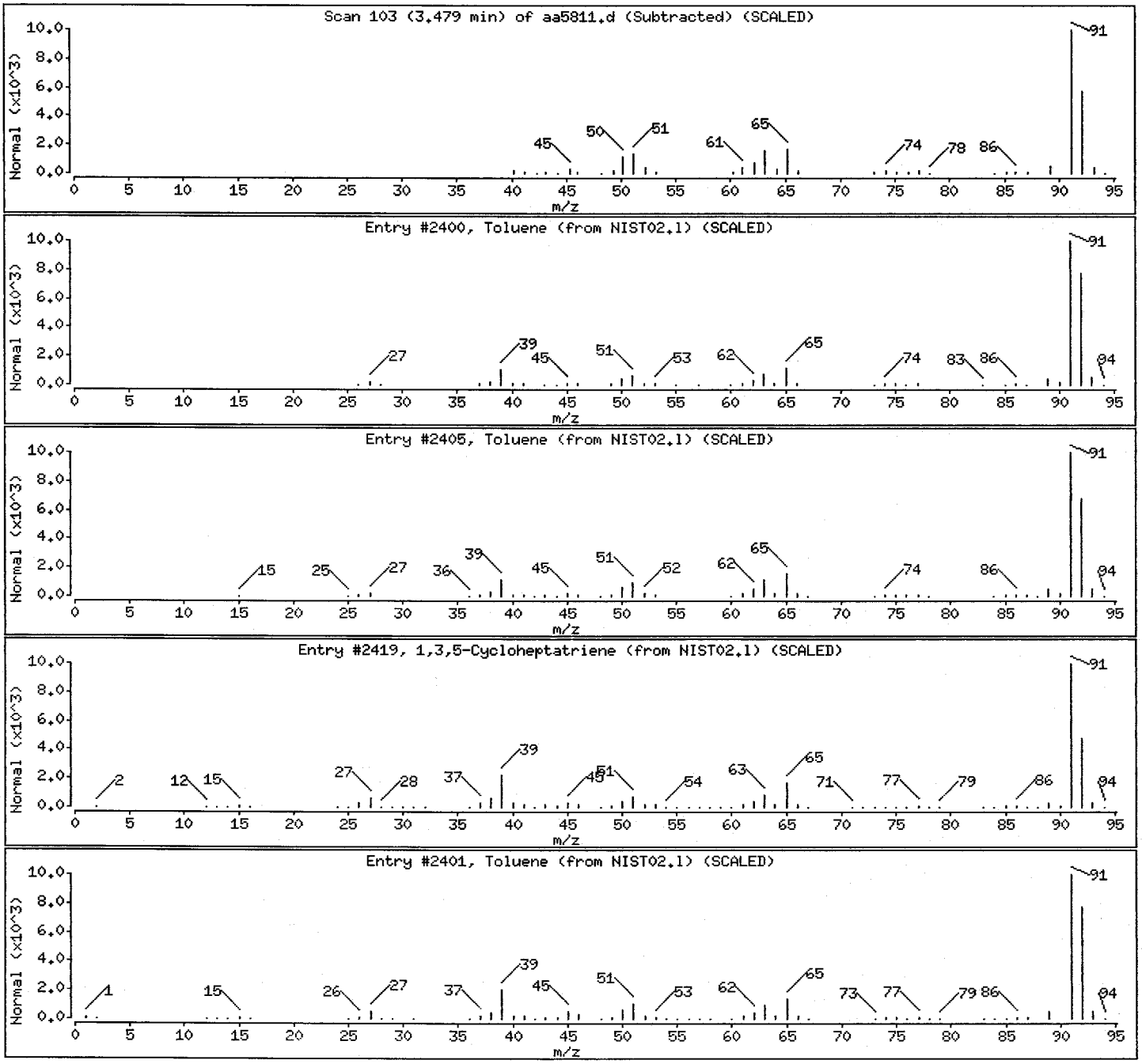
Client ID: 080508-09 Instrument: BNAMS8.i

Sample Info: 940362;4447103

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2400	91	C7H8	92
Toluene	108-88-3	NIST02.l	2405	90	C7H8	92
1,3,5-Cycloheptatriene	544-25-2	NIST02.l	2419	90	C7H8	92
Toluene	108-88-3	NIST02.l	2401	87	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

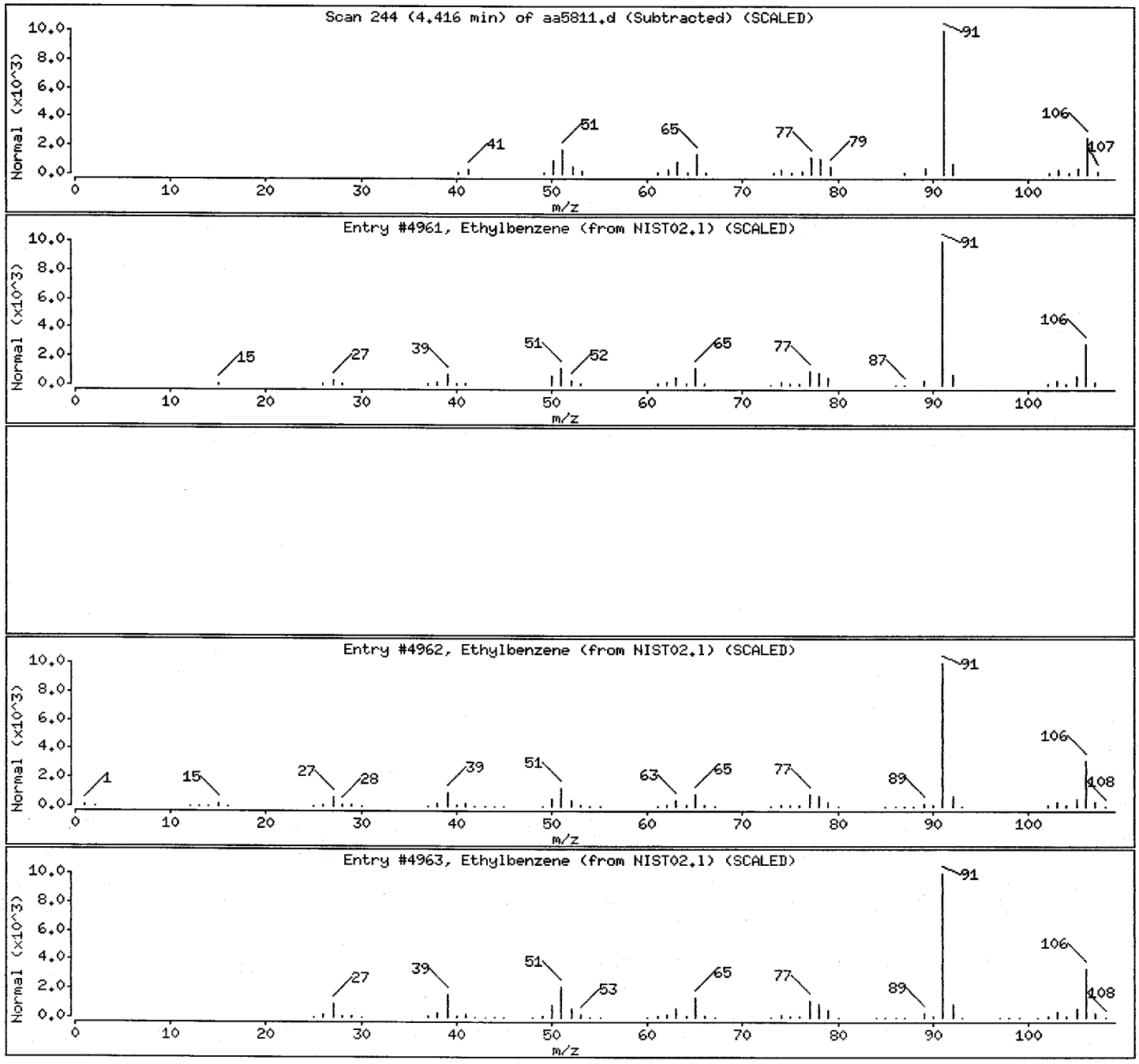
Client ID: 080508-09 Instrument: BNAMS8.i

Sample Info: 940362;4447103

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4961	93	C8H10	106
Xylene isomer			0	0		0
Ethylbenzene	100-41-4	NIST02.l	4962	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4963	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

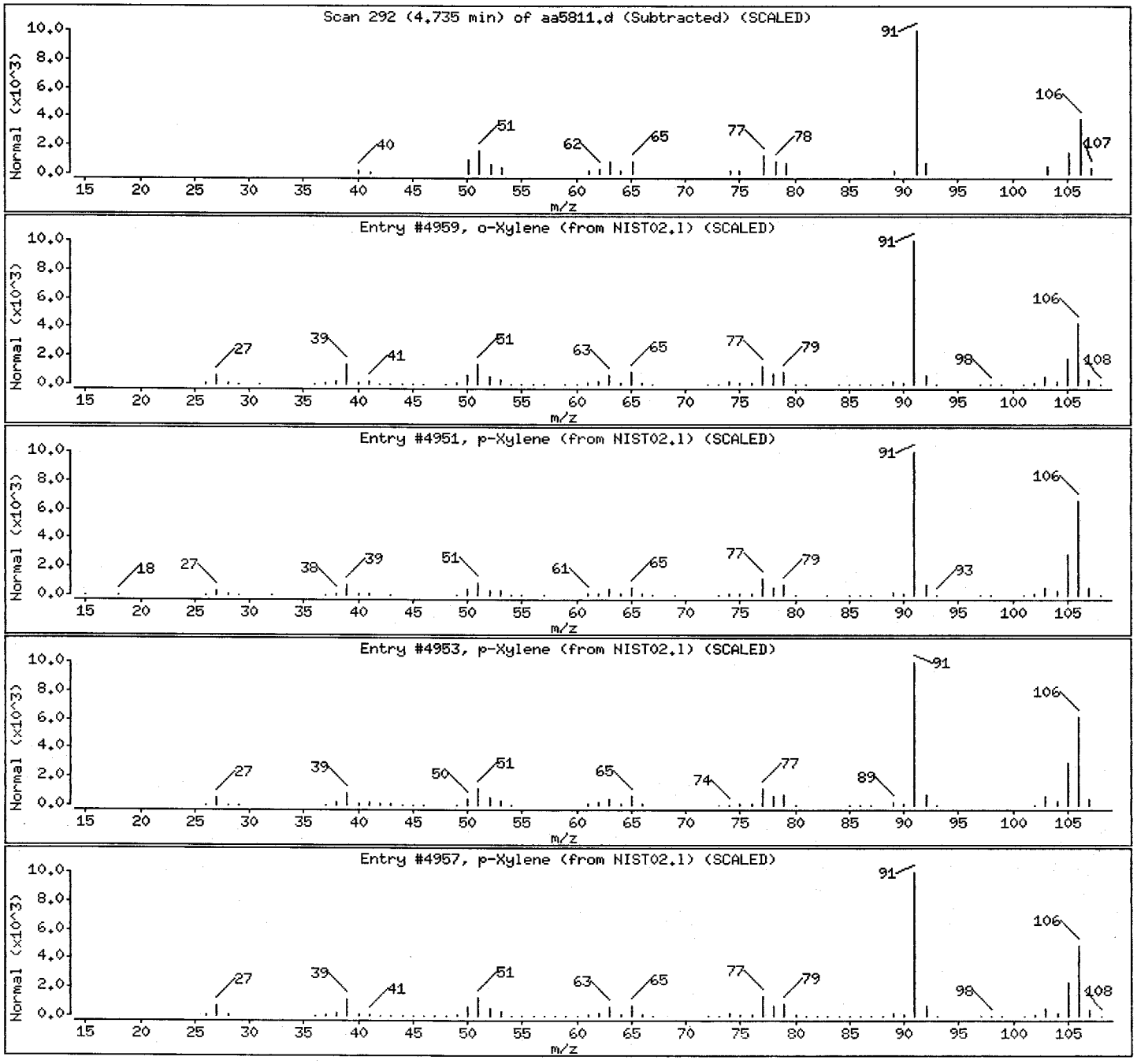
Client ID: 080508-09 Instrument: BNAMS8.i

Sample Info: 940362;4447103

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
o-Xylene	95-47-6	NIST02.l	4959	93	C8H10	106
p-Xylene	106-42-3	NIST02.l	4951	93	C8H10	106
p-Xylene	106-42-3	NIST02.l	4953	93	C8H10	106
p-Xylene	106-42-3	NIST02.l	4957	87	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

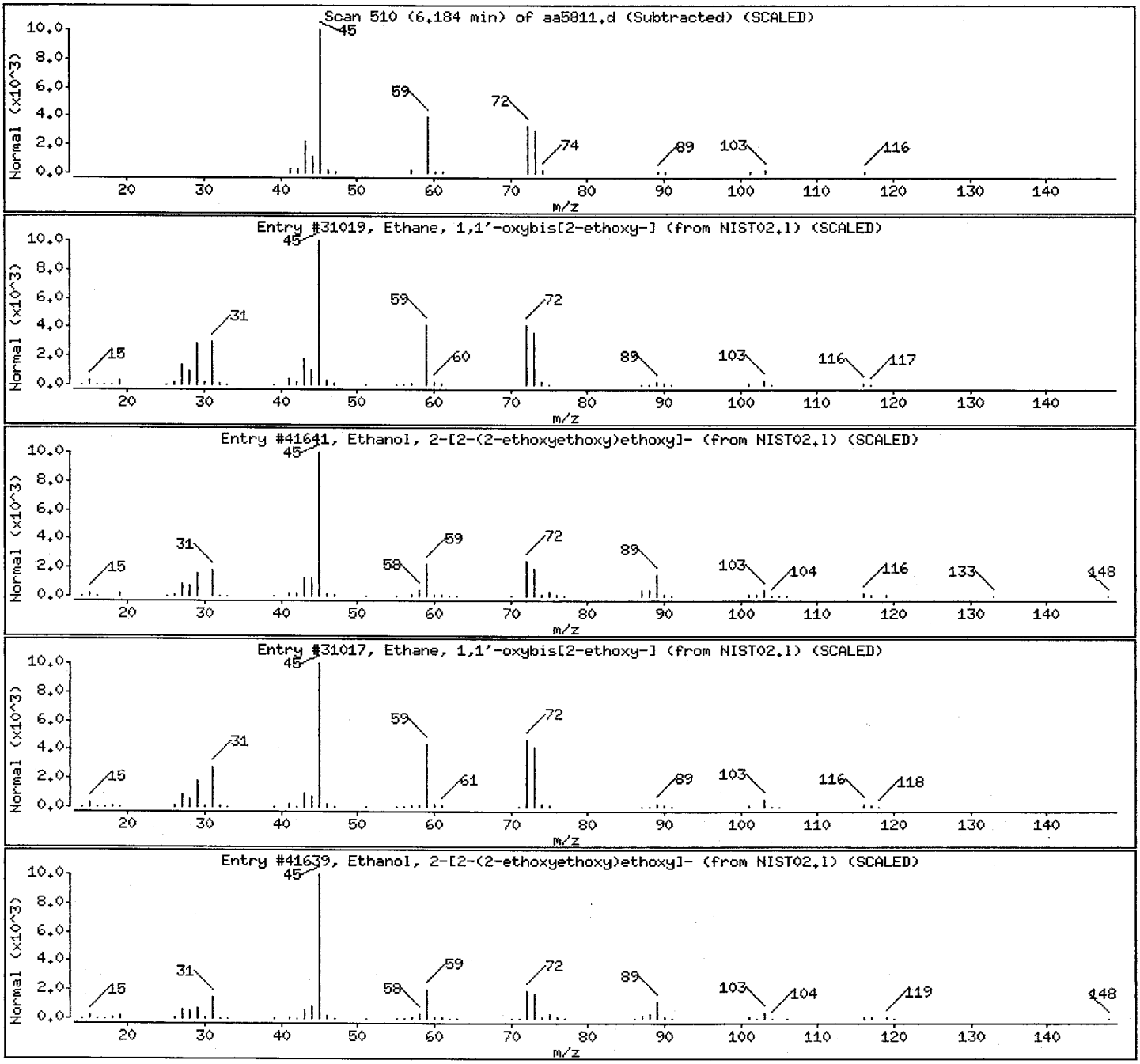
Client ID: 080508-09 Instrument: BNAMS8.i

Sample Info: 940362;4447103

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31019	83	C8H1803	162
Ethanol, 2-[2-(2-ethoxyethoxy)ethoxy]-	112-50-5	NIST02.l	41641	83	C8H1804	178
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31017	83	C8H1803	162
Ethanol, 2-[2-(2-ethoxyethoxy)ethoxy]-	112-50-5	NIST02.l	41639	74	C8H1804	178



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

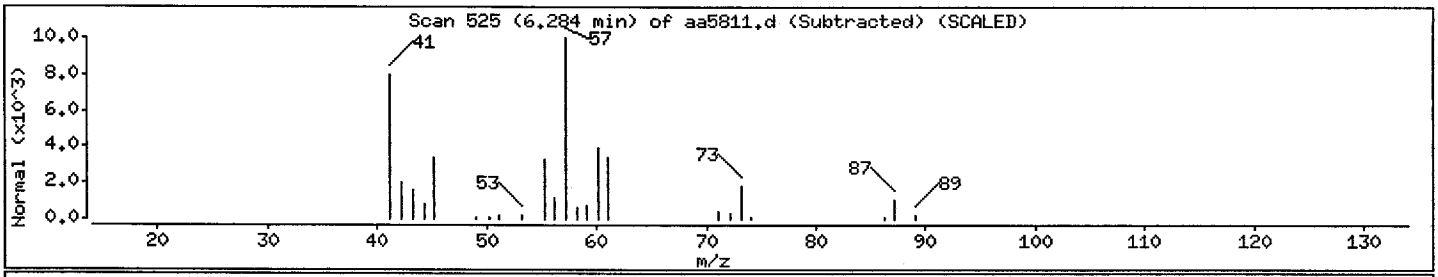
Client ID: 080508-09 Instrument: BNAMS8.i

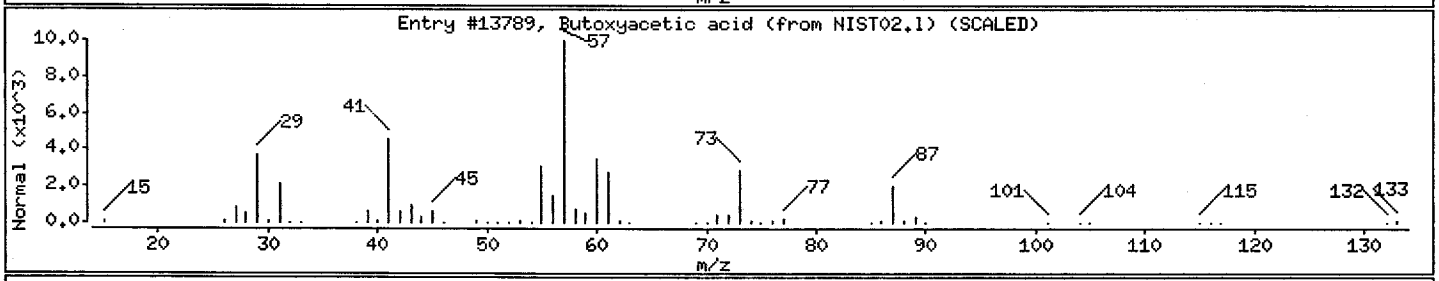
Sample Info: 940362;4447103

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	43	C6H12O3	132





Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5811.d

Date : 11-AUG-2008 00:18

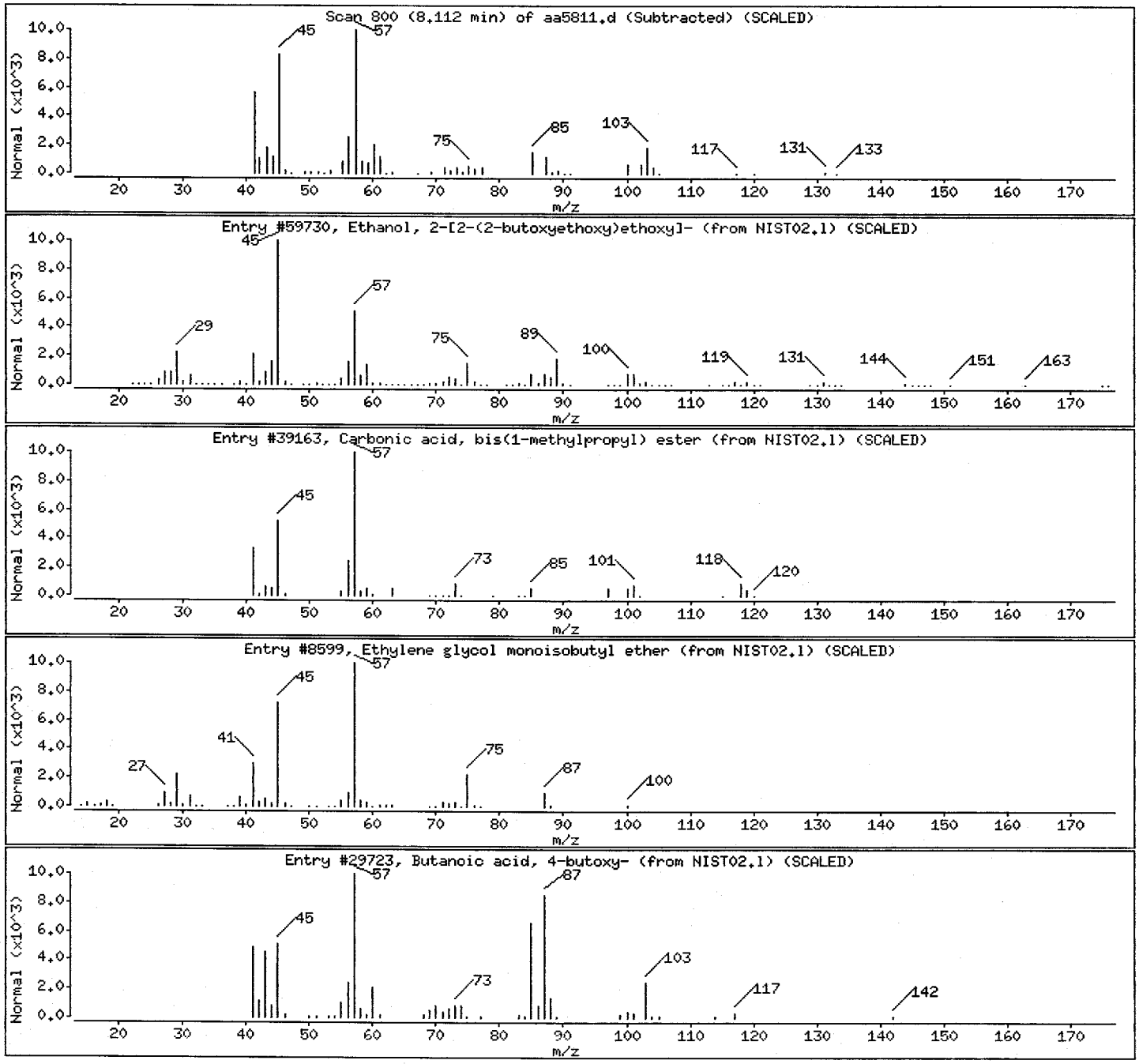
Client ID: 080508-09 Instrument: BNAMS8.i

Sample Info: 940362;4447103

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethanol, 2-[2-(2-butoxyethoxy)ethoxy]-	143-22-6	NIST02.1	59730	53	C10H2204	206
Carbonic acid, bis(1-methylpropyl) ester	623-63-2	NIST02.1	39163	47	C9H1803	174
Ethylene glycol monoisobutyl ether	4439-24-1	NIST02.1	8599	47	C6H1402	118
Butanoic acid, 4-butoxy-	55724-73-7	NIST02.1	29723	45	C8H1603	160



Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5812.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	0.3J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5812.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-10**
Site: GM Wilmington-17338

Lab Sample No: **940363**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5812.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.48	86	
2.	Ethylbenzene	4.42	18	
3.	Xylene isomer	4.73	8.5	
4.	Unknown Alcohol	6.19	18	
5.	Unknown	6.28	21	
6.	Unknown	8.11	100	
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	252

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d
Report Date: 11-Aug-2008 14:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d
Lab Smp Id: 940363 Client Smp ID: 080508-10
Inj Date : 11-AUG-2008 00:42
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940363;4447129
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

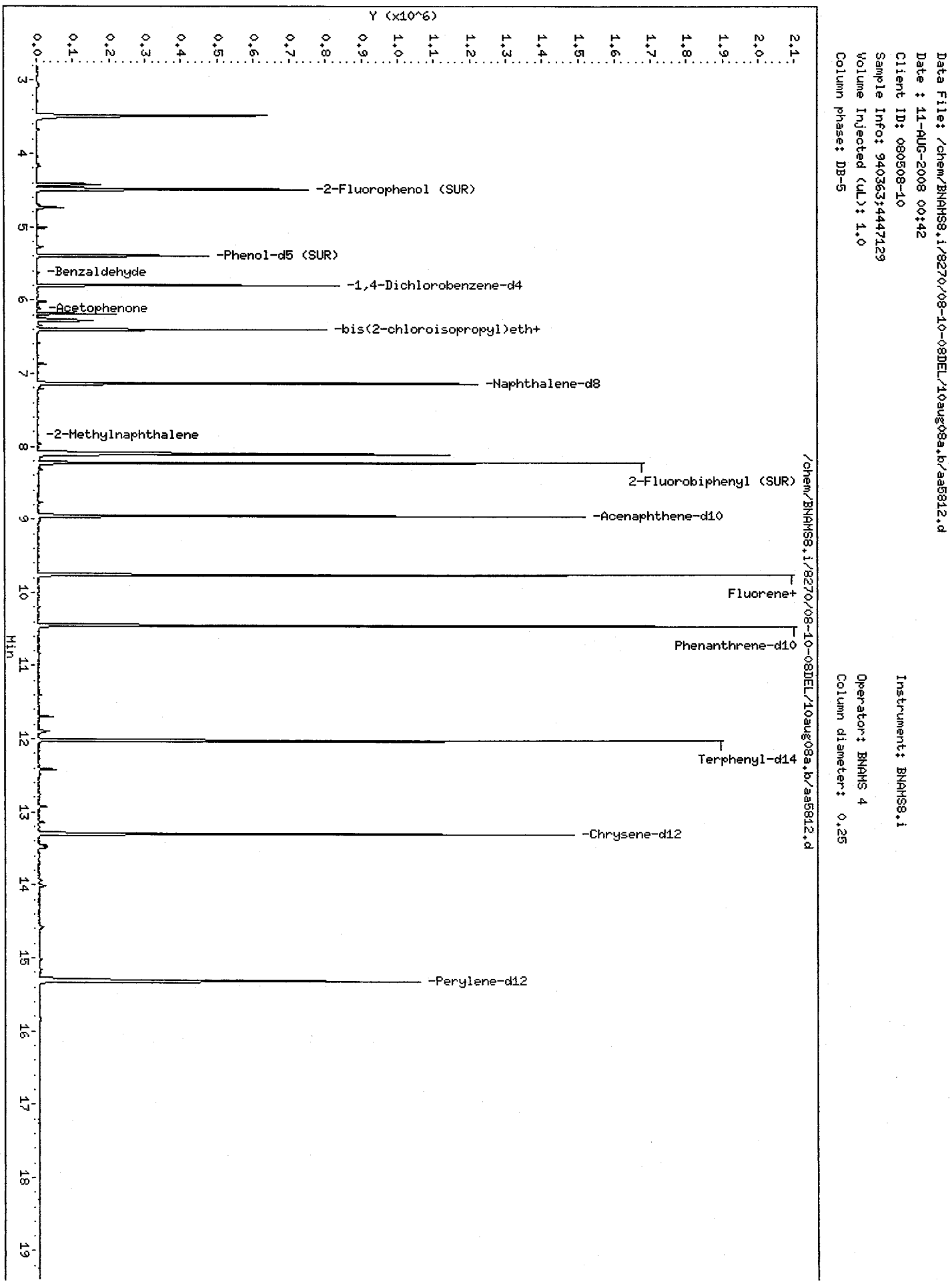
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.485	4.483	(0.773)	150708	39.6910	80
110 Benzaldehyde	77	5.629	5.361	(0.970)	463	0.14969	0.30(a)
$ 17 Phenol-d5 (SUR)	99	5.389	5.401	(0.929)	130514	24.5223	50
* 79 1,4-Dichlorobenzene-d4	152	5.801	5.799	(1.000)	123068	40.0000	
24 bis(2-chloroisopropyl)ether	45	6.406	6.079	(1.104)	1123	0.12926	0.26(a)
104 Acetophenone	105	6.114	6.231	(1.054)	2149	0.33203	0.67(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.400	6.404	(0.897)	225337	36.6008	74
* 80 Naphthalene-d8	136	7.137	7.135	(1.000)	528883	40.0000	
34 2-Methylnaphthalene	142	7.855	7.860	(1.101)	1526	0.16974	0.34(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.227	8.232	(0.918)	412352	38.4356	78
* 82 Acenaphthene-d10	164	8.958	8.956	(1.000)	391807	40.0000	
47 Fluorene	166	9.763	9.501	(1.090)	8599	0.73993	1.5(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.763	9.767	(1.090)	213589	90.2654	180
50 4-Bromophenyl-phenylether	248	9.763	9.953	(0.934)	13692	3.35220	6.8(a)
* 83 Phenanthrene-d10	188	10.454	10.459	(1.000)	666420	40.0000	
$ 78 Terphenyl-d14	244	12.022	12.020	(0.904)	654283	41.2546	83

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d
Report Date: 11-Aug-2008 14:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 81 Chrysene-d12	240	13.305	13.310	(1.000)	712089	40.0000	
* 84 Perylene-d12	264	15.319	15.324	(1.000)	594218	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d
Date : 11-AUG-2008 00:42
Client ID: 080508-10
Sample Info: 940363;4447129
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-Benzaldehyde
-1,4-Dichlorobenzene-d4
-Acetophenone
-bis(2-chloroisopropyl)eth+
-Naphthalene-d8
-2-Methylnaphthalene
2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Terphenyl-d14
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

Client ID: 080508-10 Instrument: BNAMS8.i

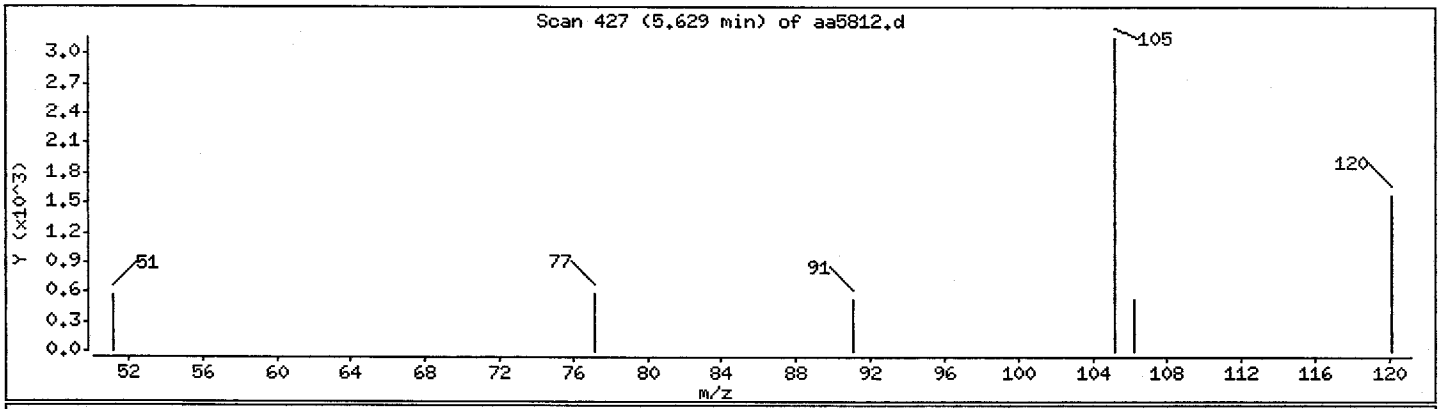
Sample Info: 940363;4447129

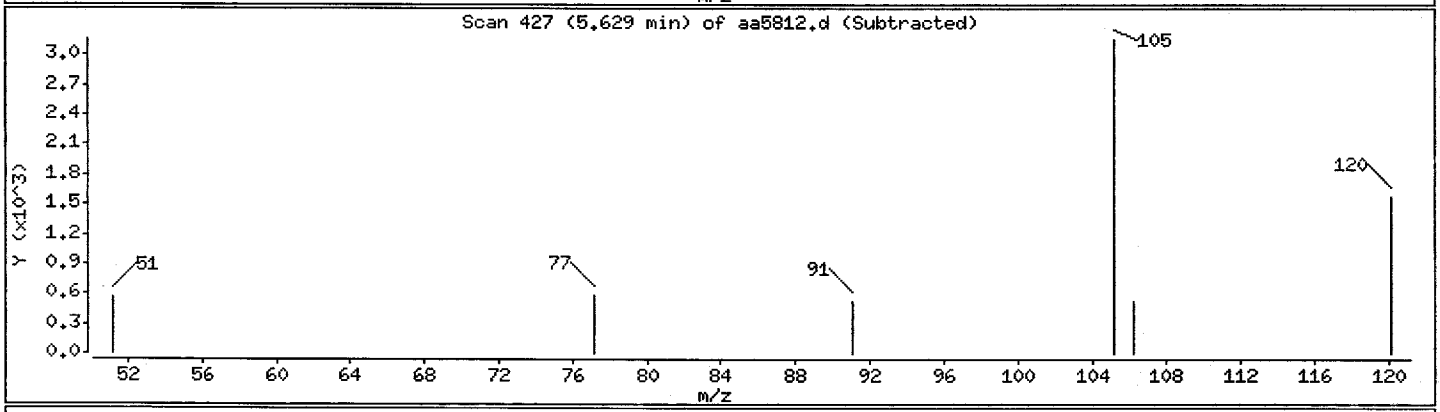
Volume Injected (uL): 1.0 Operator: BNAMS 4

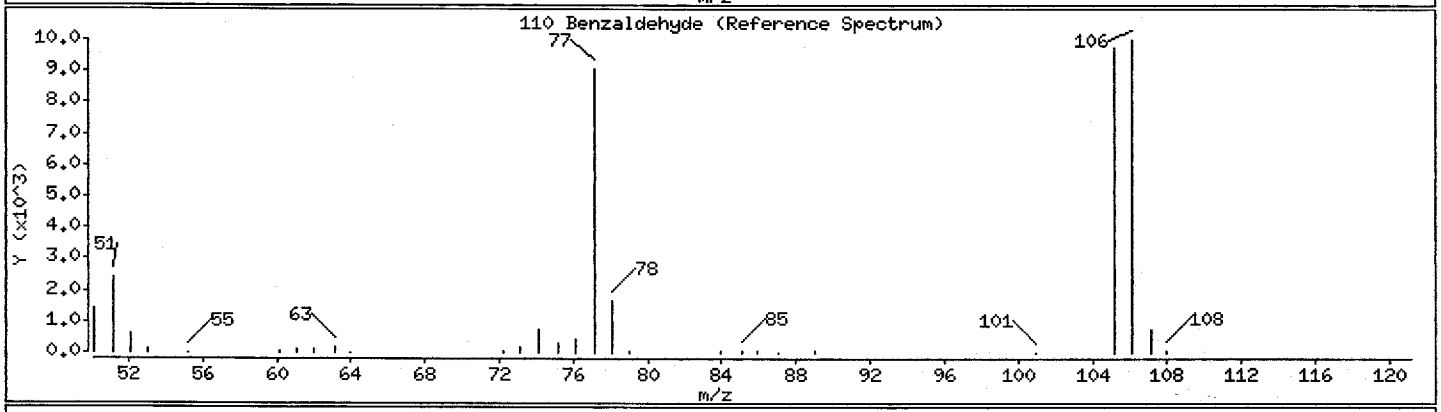
Column phase: DB-5 Column diameter: 0.25

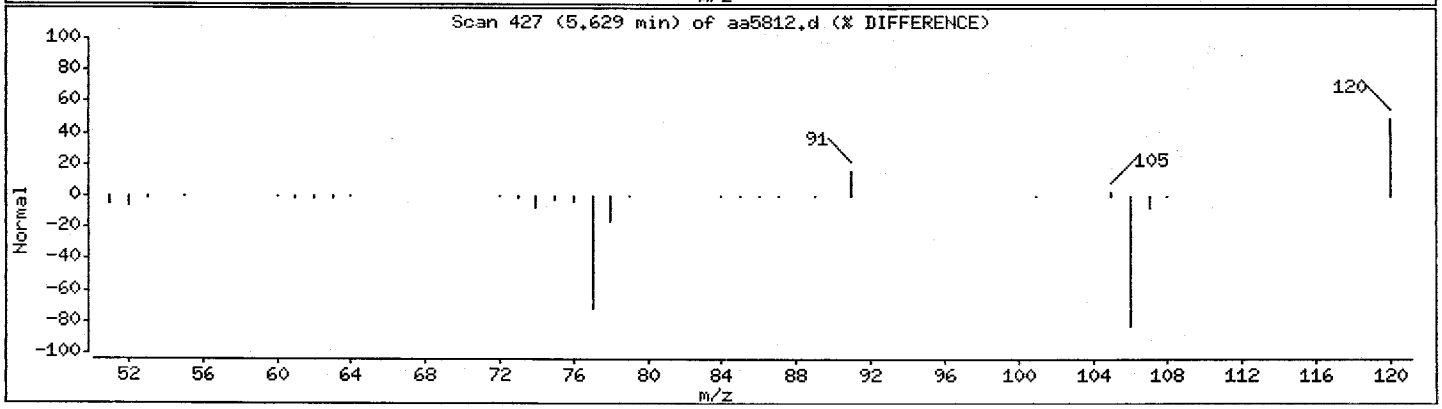
110 Benzaldehyde Concentration: 0.30 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

Client ID: 080508-10 Instrument: BNAMS8.i

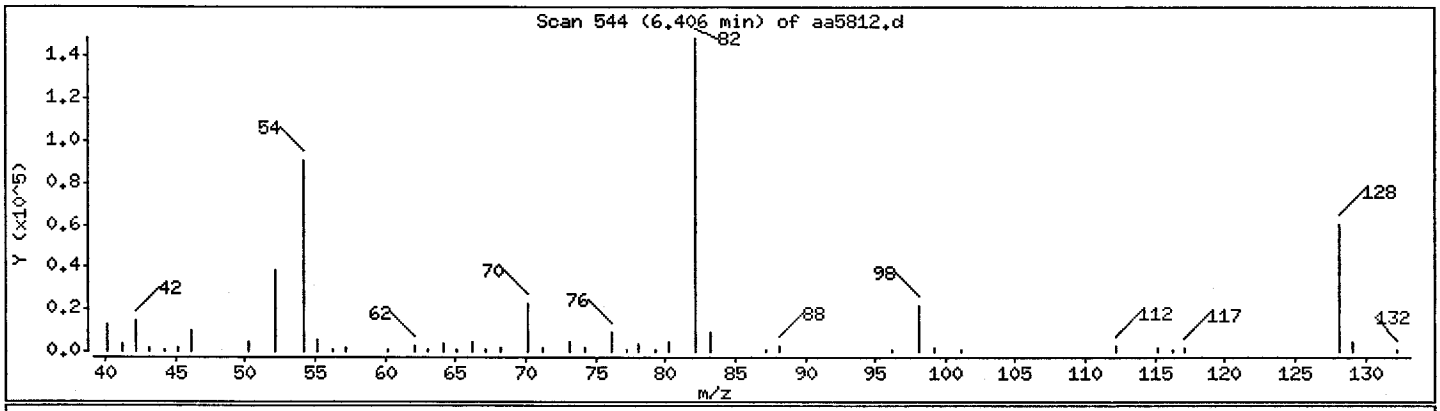
Sample Info: 940363;4447129

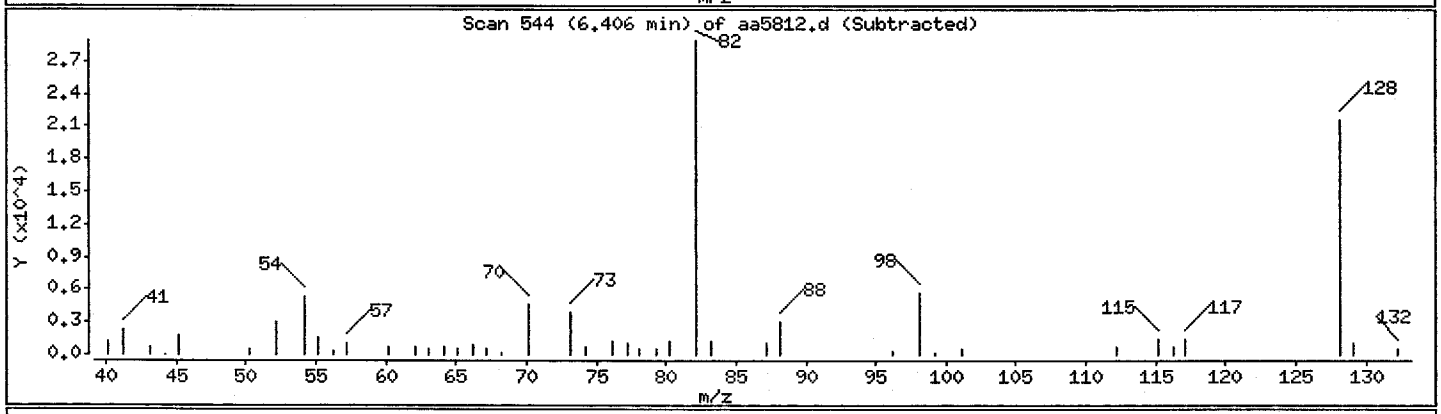
Volume Injected (uL): 1.0 Operator: BNAMS 4

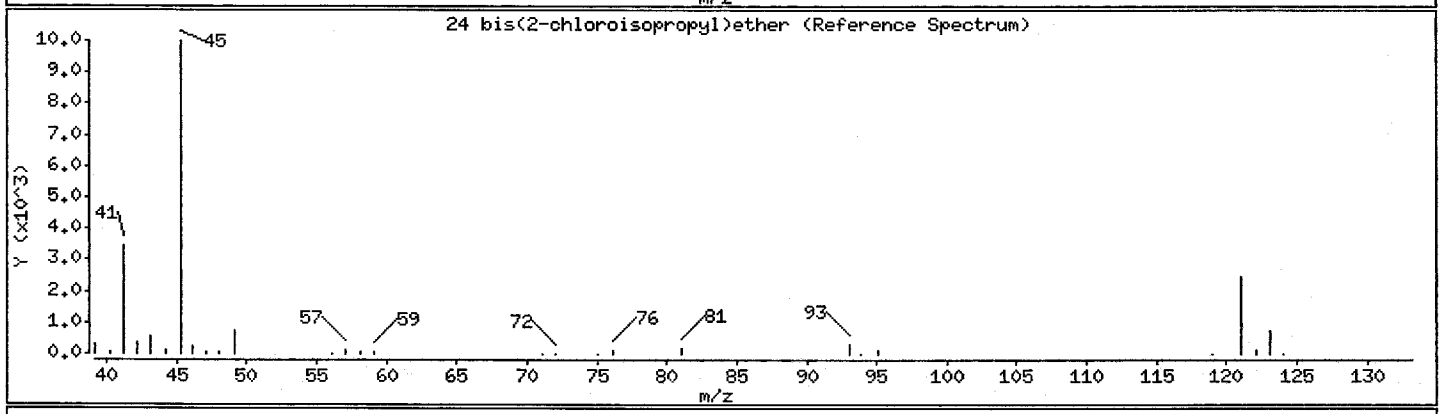
Column phase: DB-5 Column diameter: 0.25

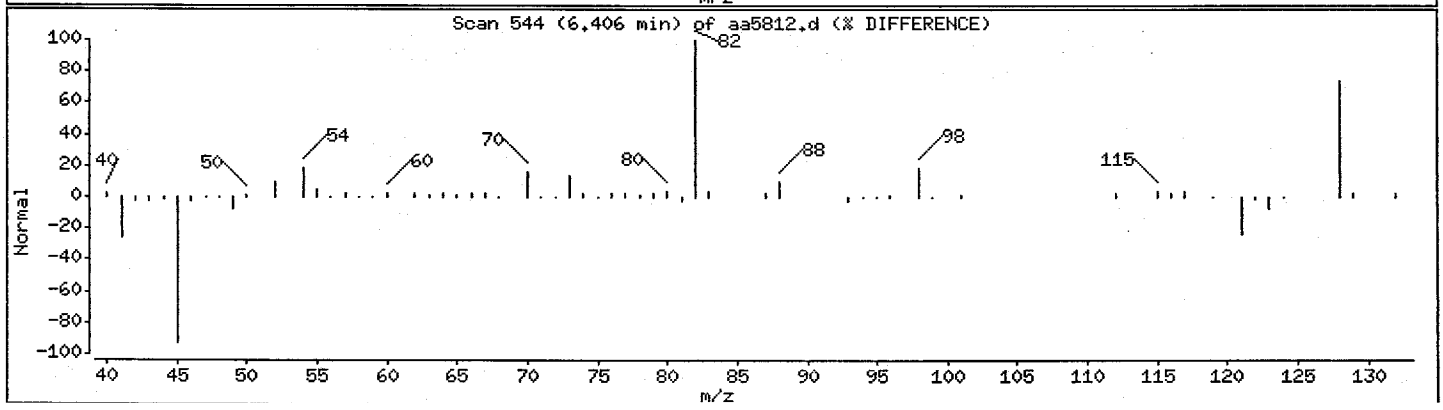
24 bis(2-chloroisopropyl)ether Concentration: 0.26 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

Client ID: 080508-10 Instrument: BNAMS8.i

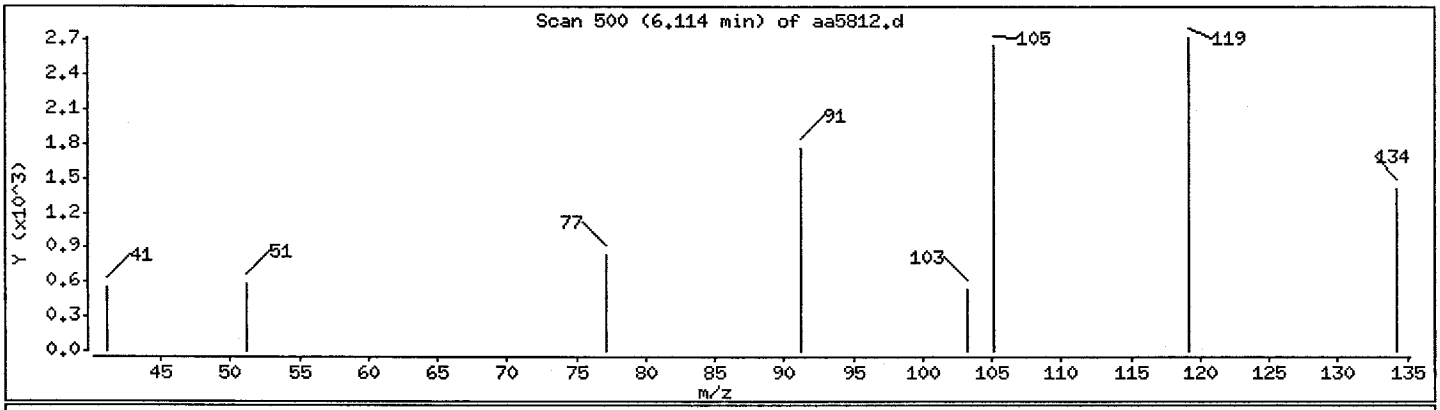
Sample Info: 940363;4447129

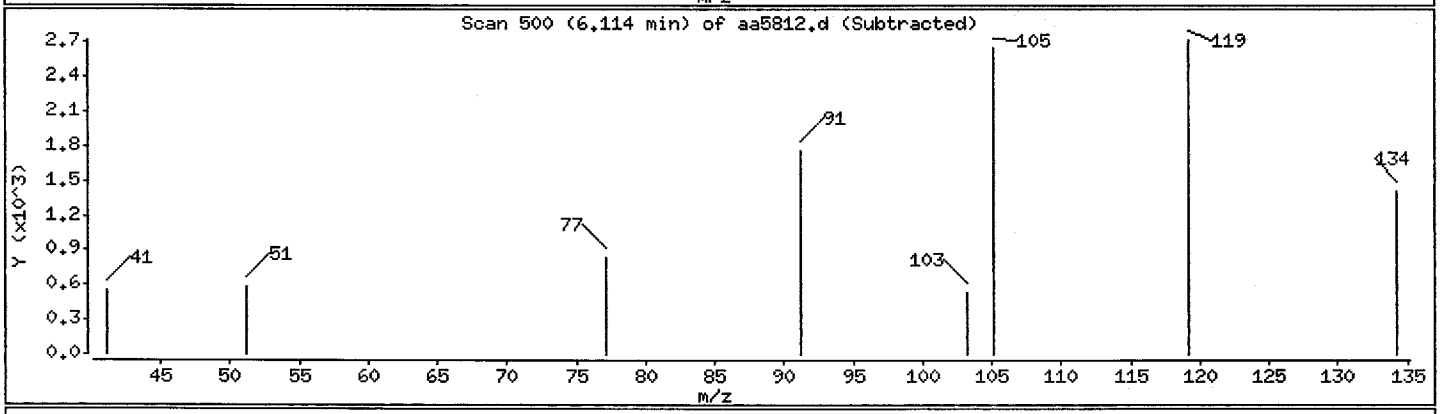
Volume Injected (uL): 1.0 Operator: BNAMS 4

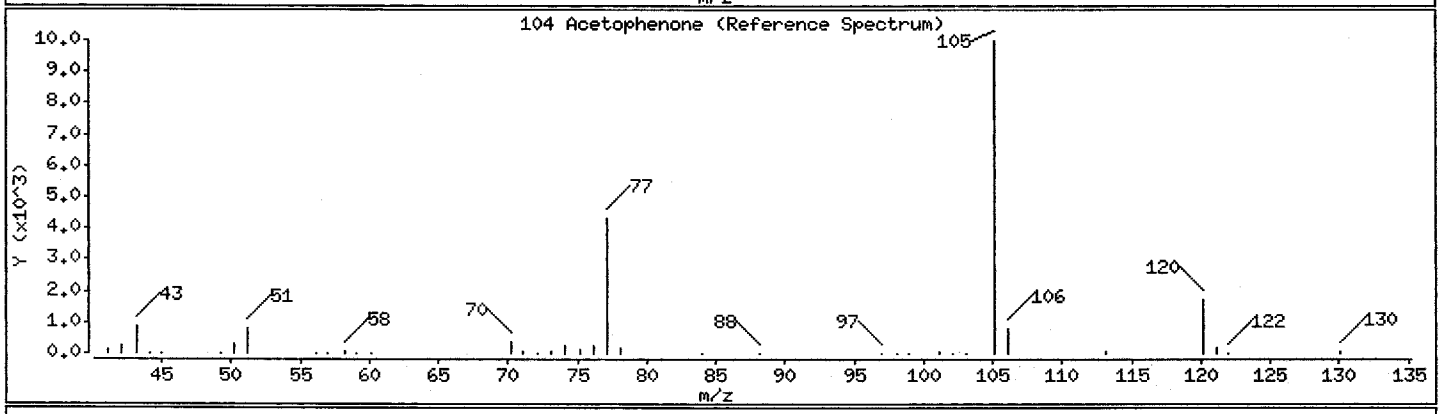
Column phase: DB-5 Column diameter: 0.25

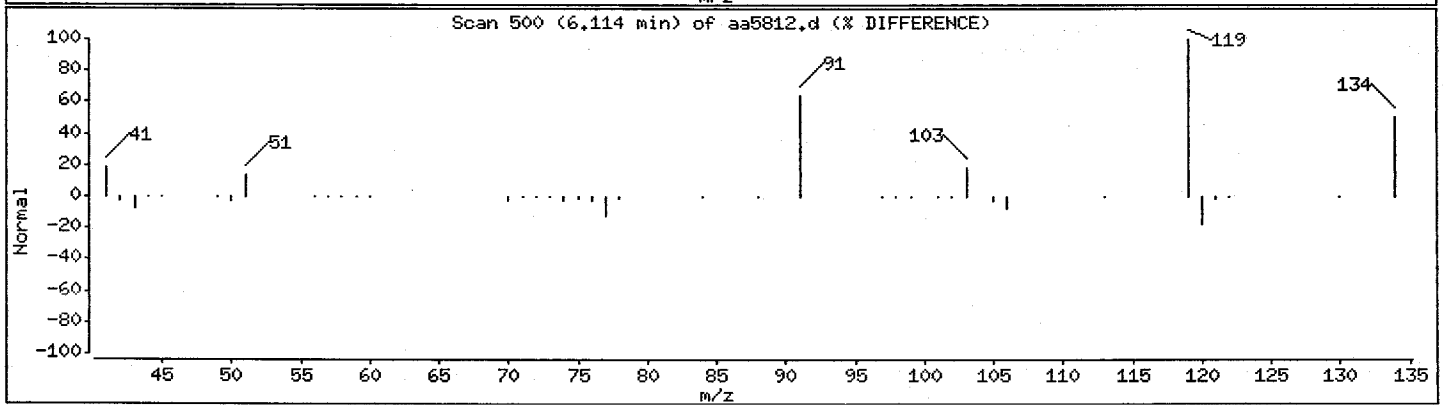
104 Acetophenone Concentration: 0.67 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

Client ID: 080508-10 Instrument: BNAMS8.i

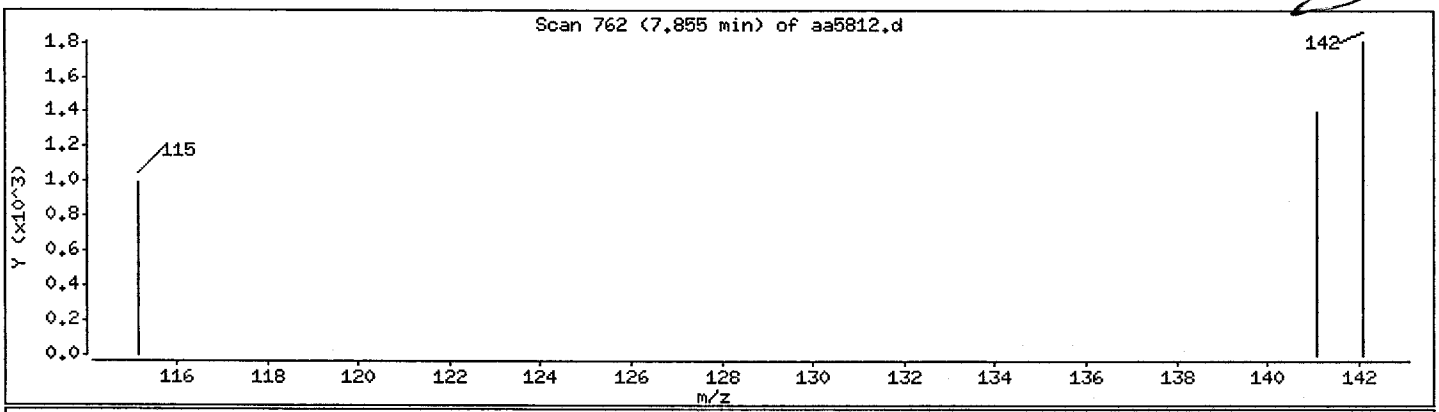
Sample Info: 940363;4447129

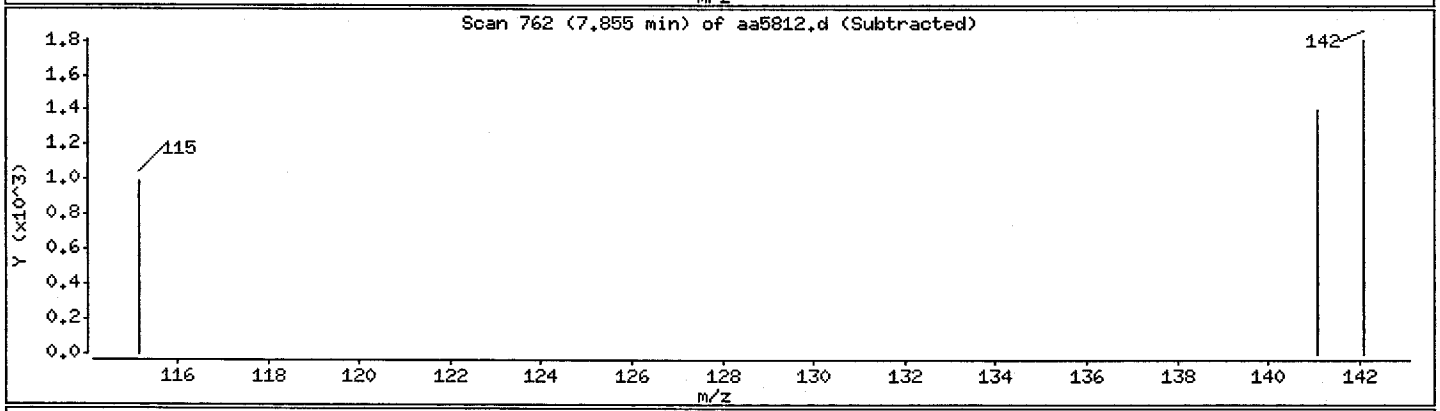
Volume Injected (uL): 1.0 Operator: BNAMS 4

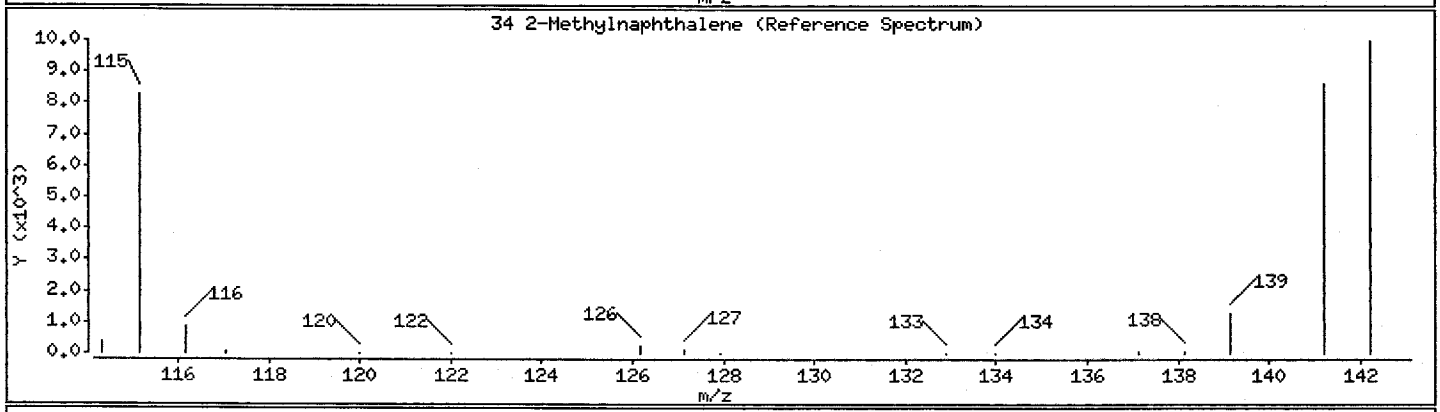
Column phase: DB-5 Column diameter: 0.25

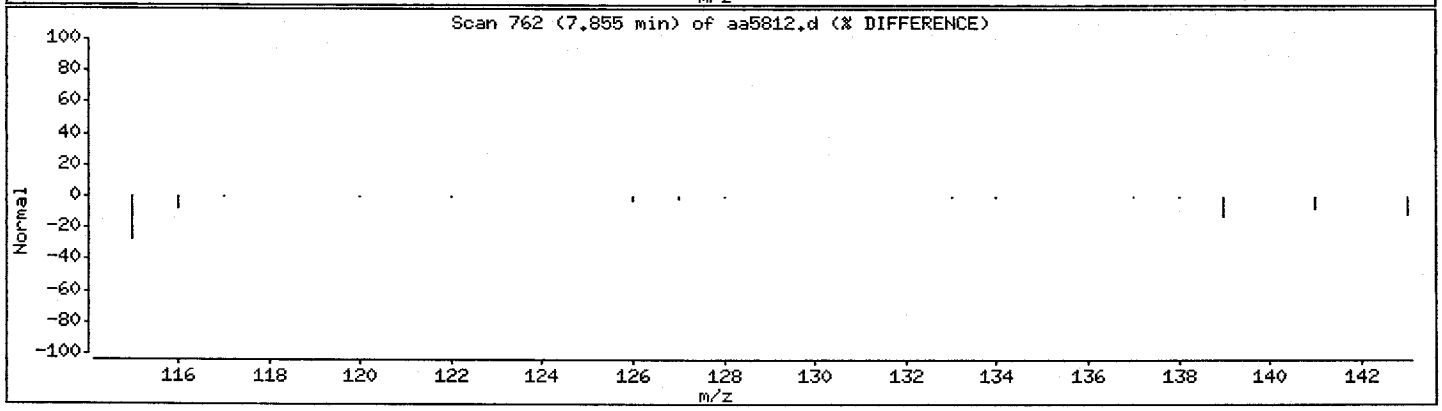
False Pos.

34 2-Methylnaphthalene Concentration: 0.34 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

Client ID: 080508-10 Instrument: BNAMS8.i

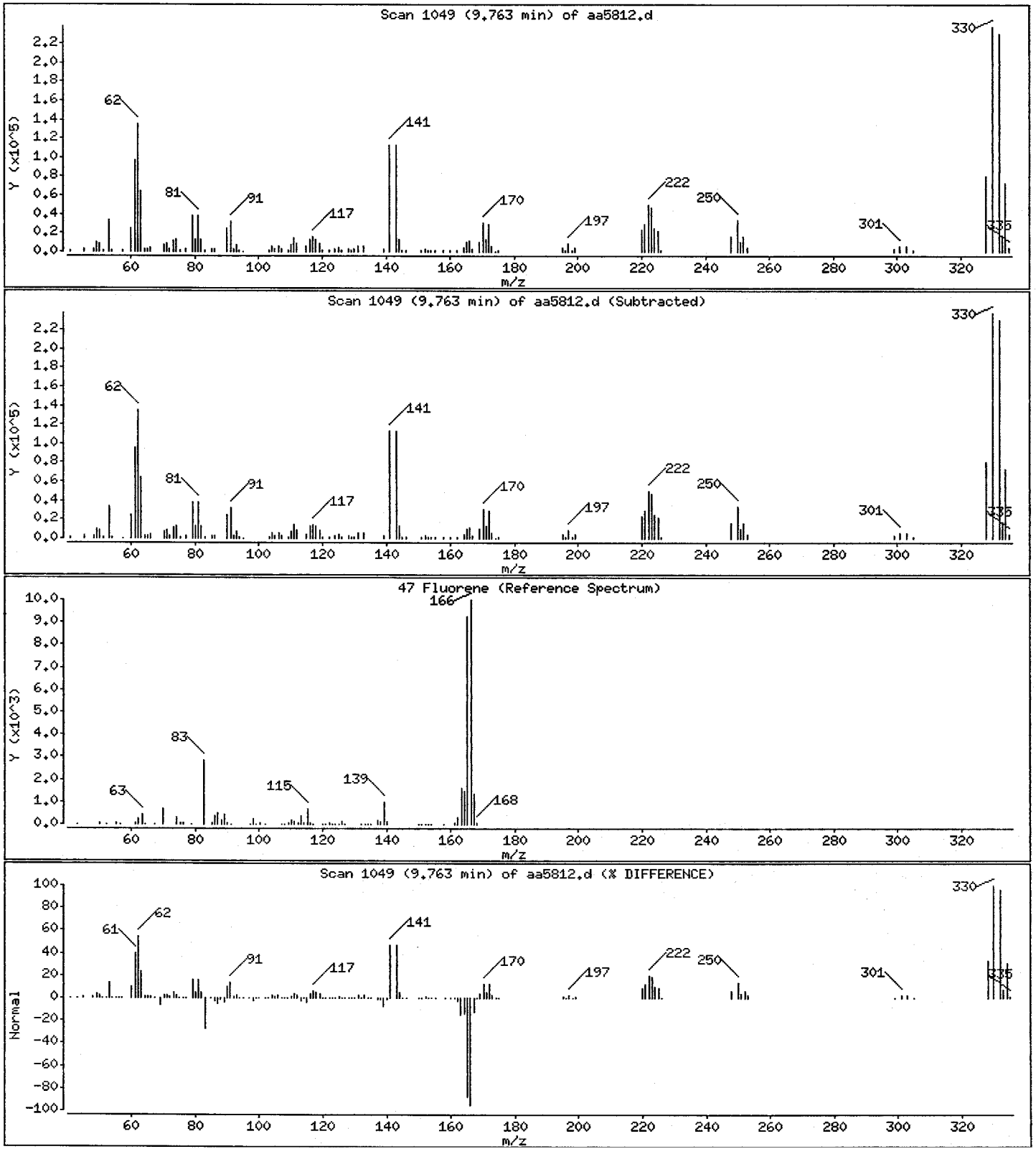
Sample Info: 940363;4447129

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 1.5 ug/L

FALSE POSITIVE
Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

Client ID: 080508-10 Instrument: BNAMS8.i

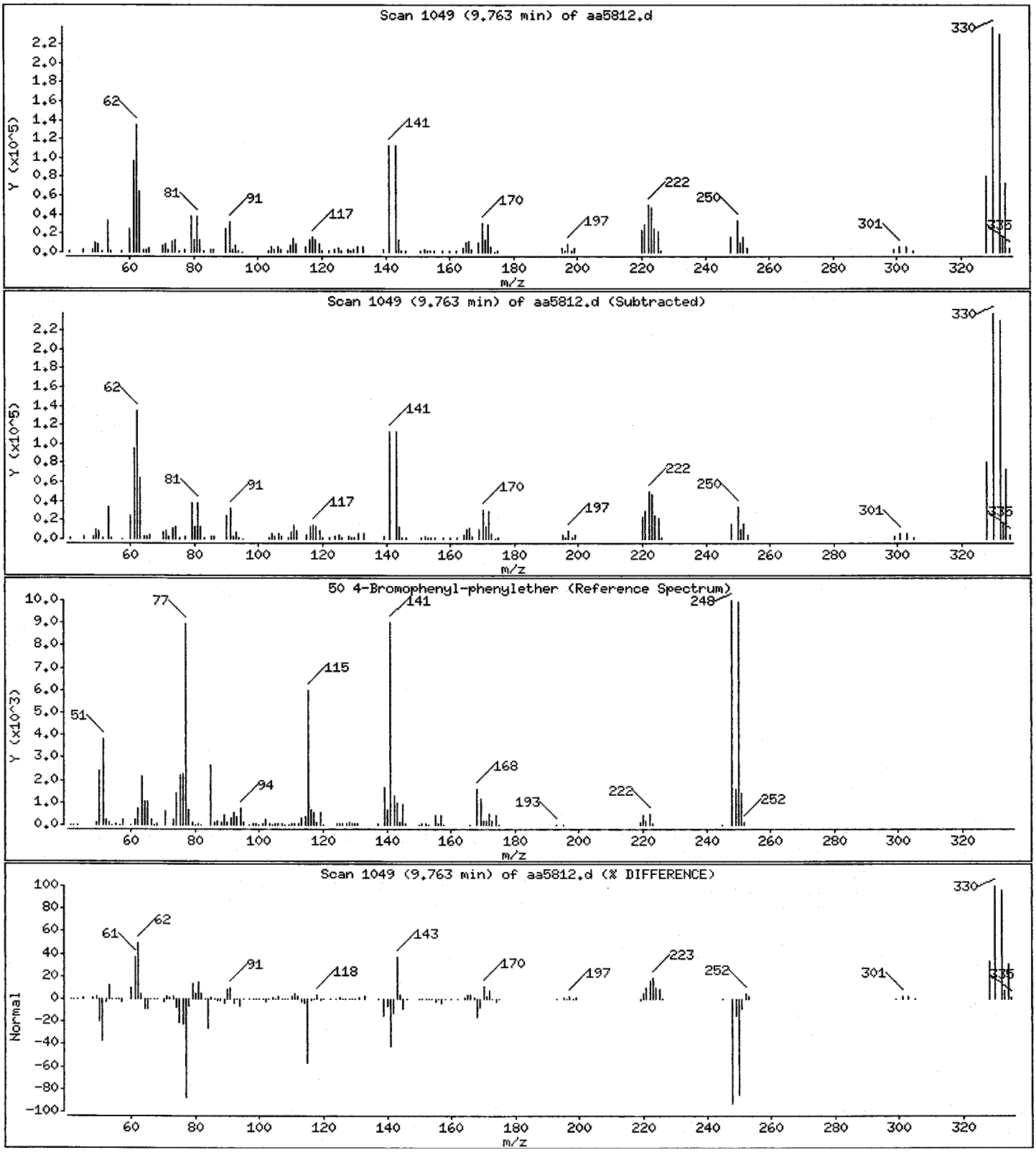
Sample Info: 940363;4447129

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

50 4-Bromophenyl-phenylether Concentration: 6.8 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

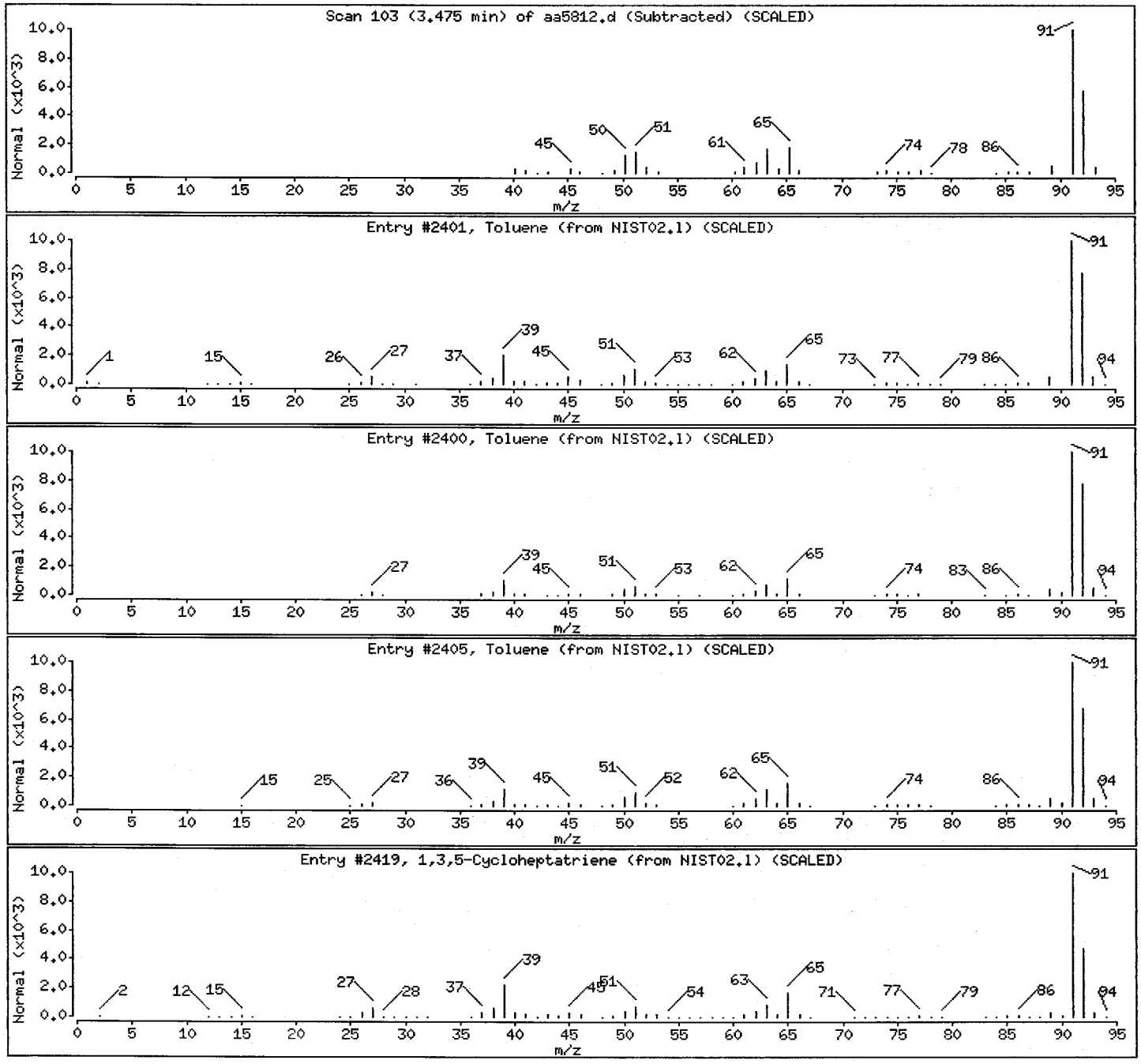
Client ID: 080508-10 Instrument: BNAMS8.i

Sample Info: 940363;4447129

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2401	90	C7H8	92
Toluene	108-88-3	NIST02.l	2400	90	C7H8	92
Toluene	108-88-3	NIST02.l	2405	90	C7H8	92
1,3,5-Cycloheptatriene	544-25-2	NIST02.l	2419	86	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

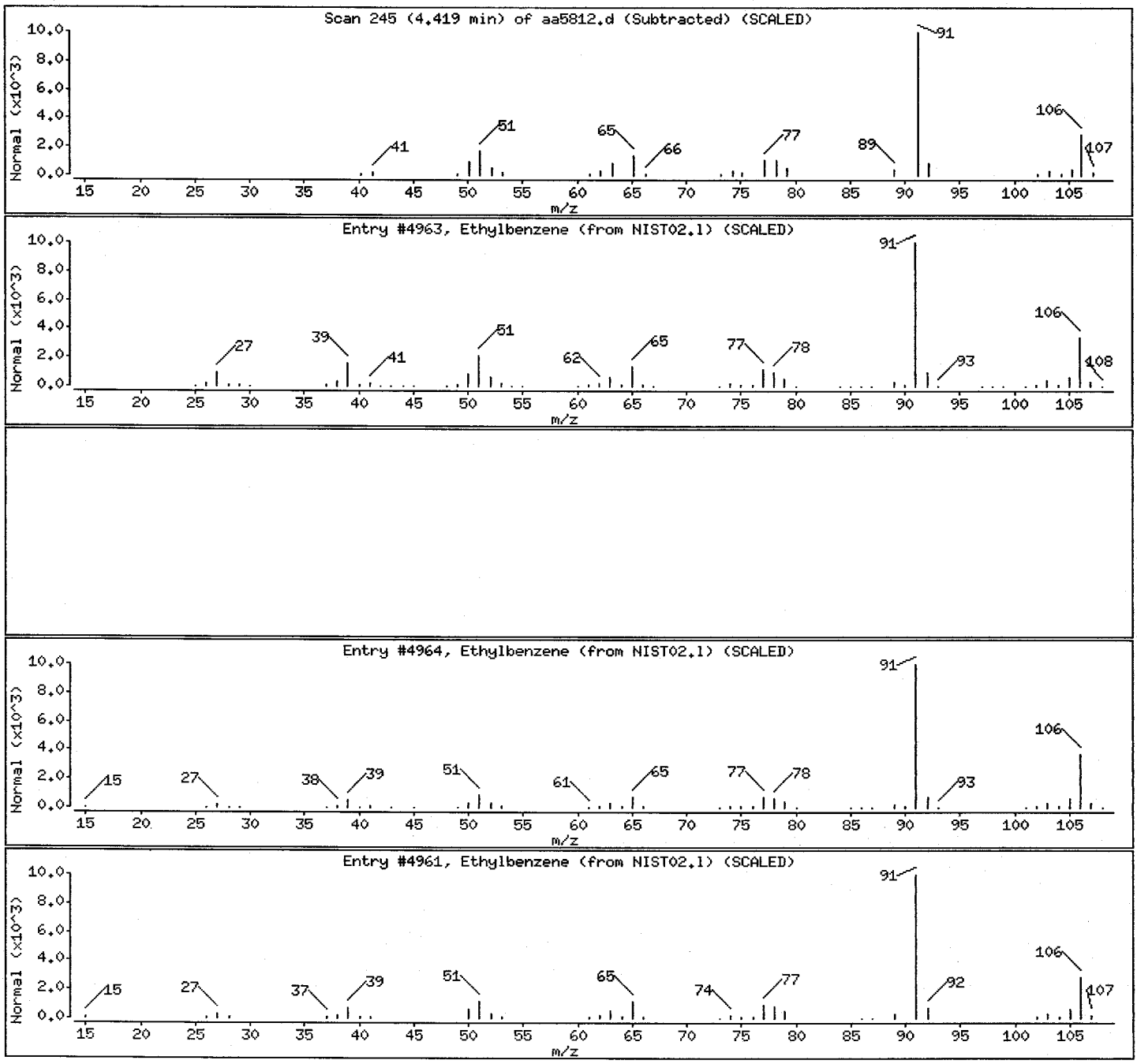
Client ID: 080508-10 Instrument: BNAMS8.i

Sample Info: 940363;4447129

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4963	94	C8H10	106
Xylene isomer			0	0		0
Ethylbenzene	100-41-4	NIST02.l	4964	90	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	87	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

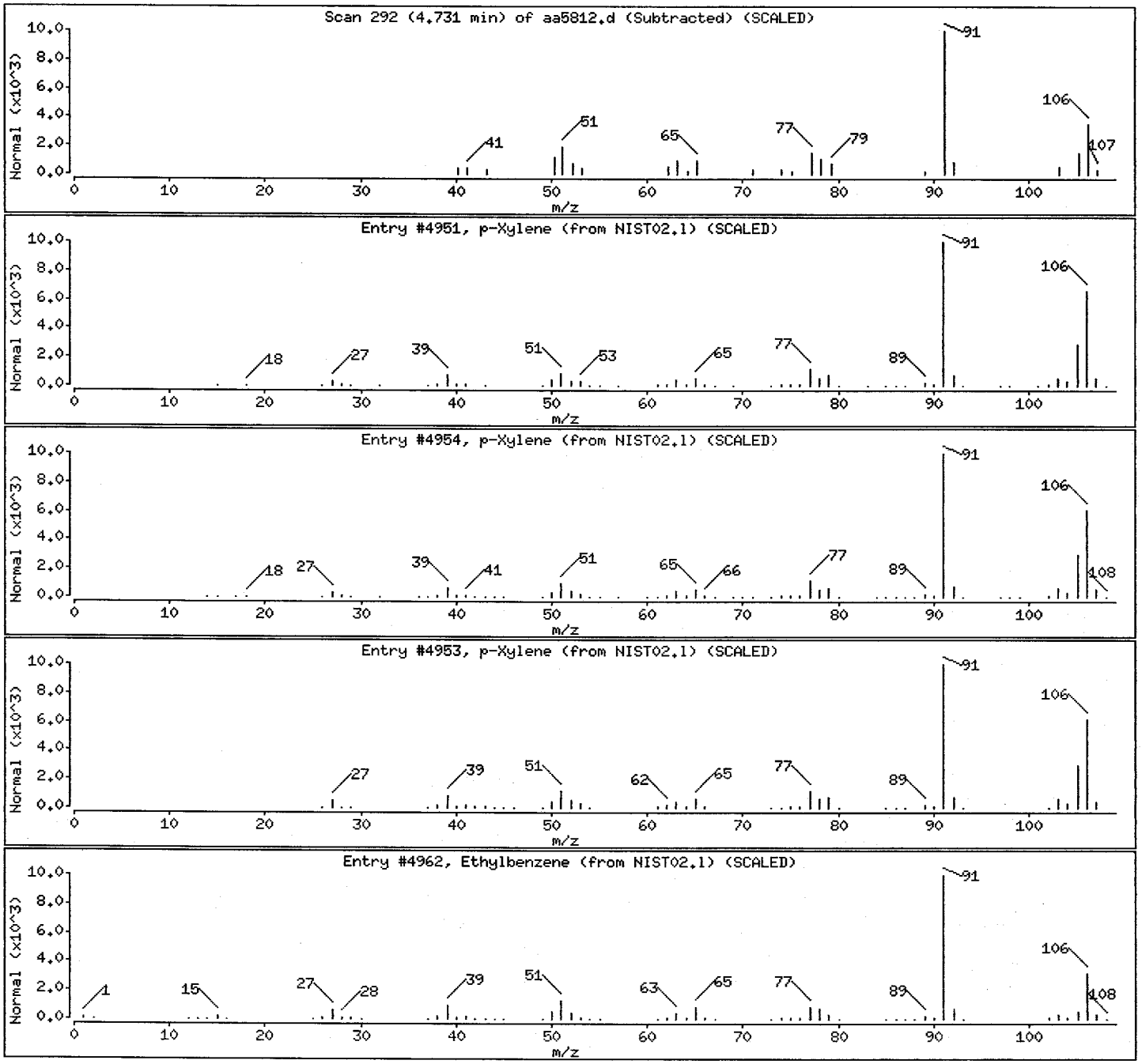
Client ID: 080508-10 Instrument: BNAMS8.i

Sample Info: 940363;4447129

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
p-Xylene	106-42-3	NIST02.l	4951	91	C8H10	106
p-Xylene	106-42-3	NIST02.l	4954	91	C8H10	106
p-Xylene	106-42-3	NIST02.l	4953	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	90	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

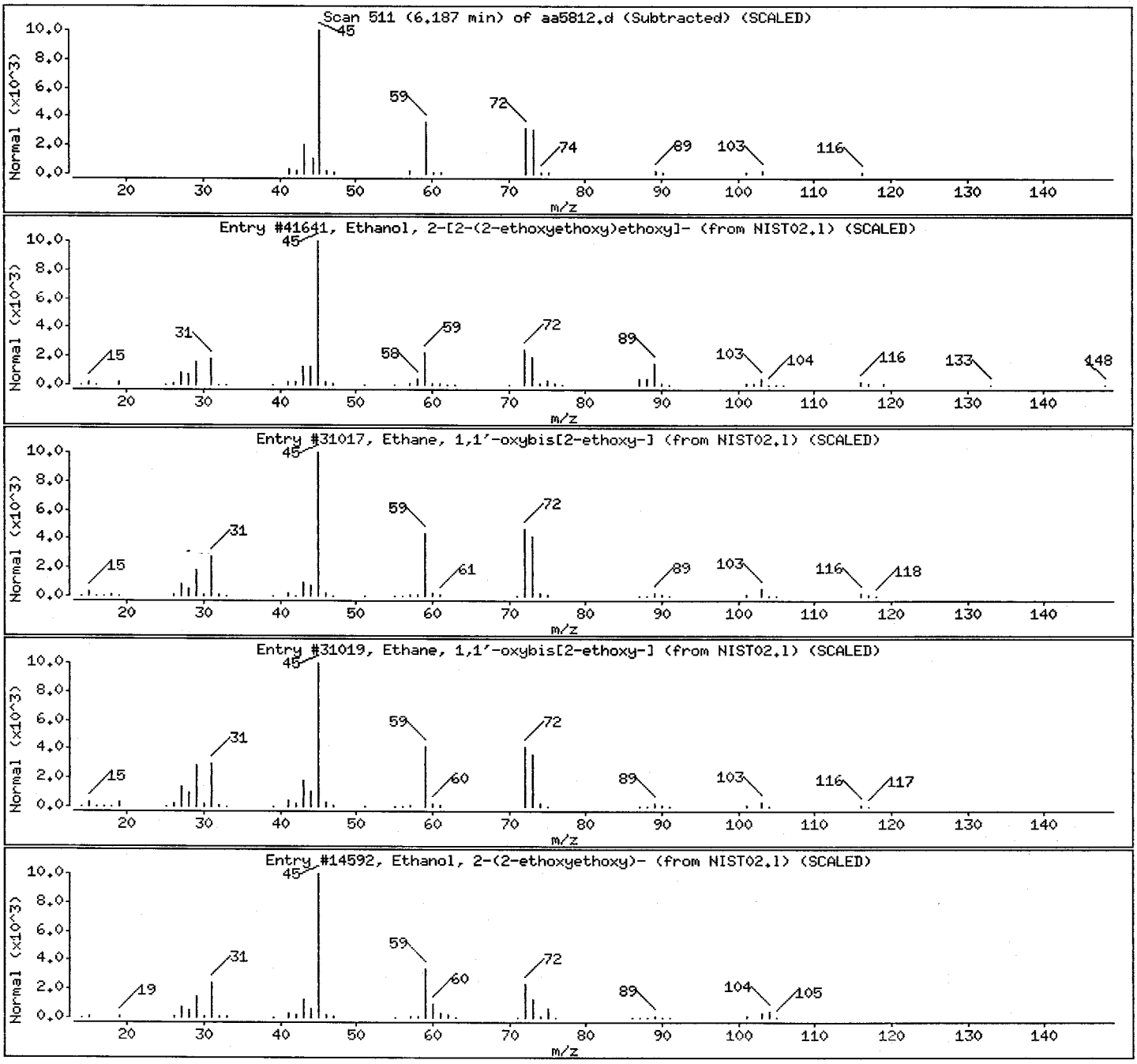
Client ID: 080508-10 Instrument: BNAMS8.i

Sample Info: 940363:4447129

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethanol, 2-[2-(2-ethoxyethoxy)ethoxy]-	112-50-5	NIST02.l	41641	78	C8H1804	178
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31017	78	C8H1803	162
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31019	59	C8H1803	162
Ethanol, 2-(2-ethoxyethoxy)-	111-90-0	NIST02.l	14592	39	C6H1403	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

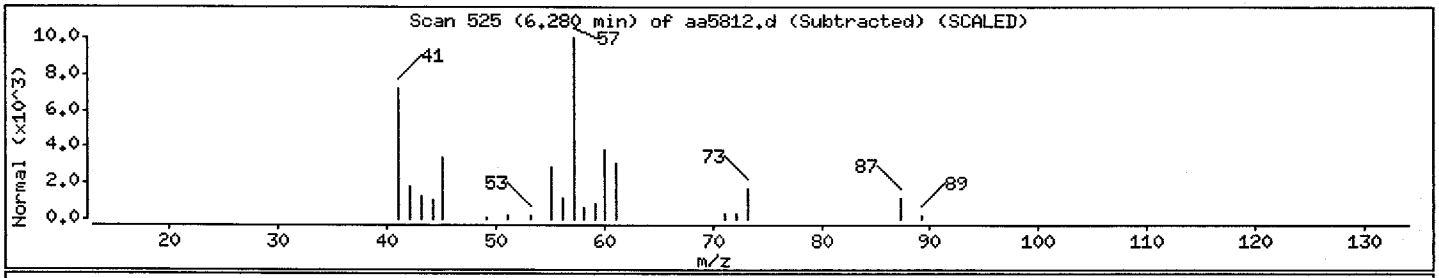
Client ID: 080508-10 Instrument: BNAMS8.i

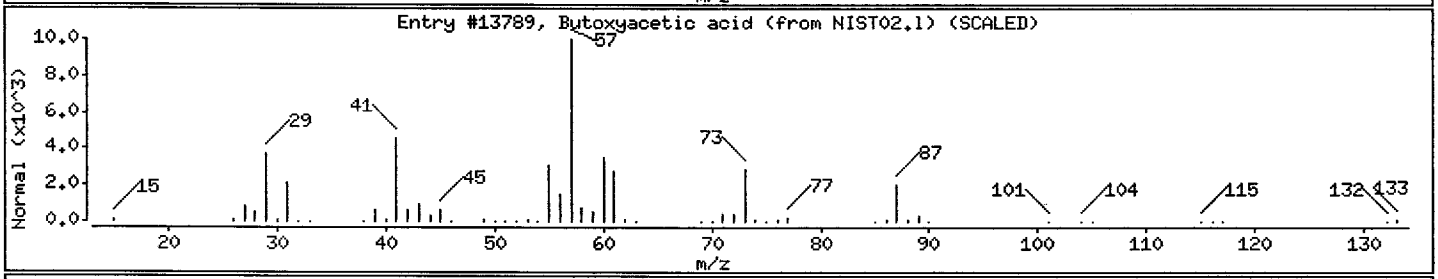
Sample Info: 940363;4447129

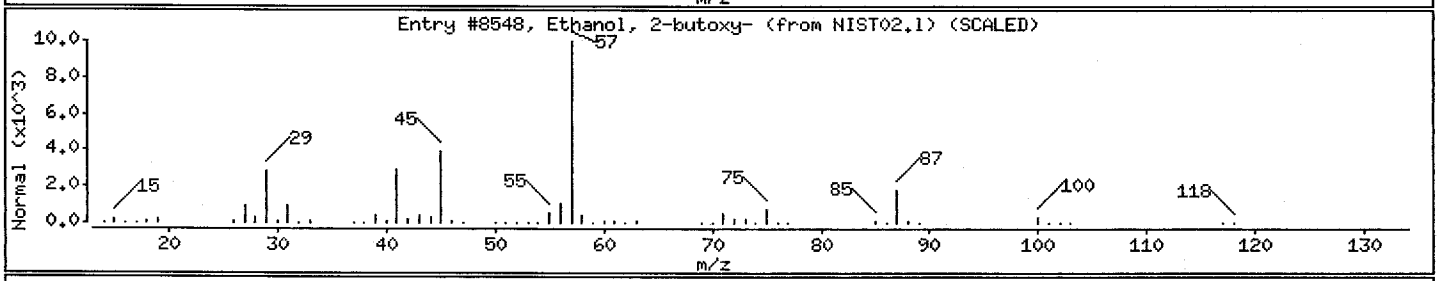
Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	53	C6H1203	132
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8548	37	C6H1402	118







Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5812.d

Date : 11-AUG-2008 00:42

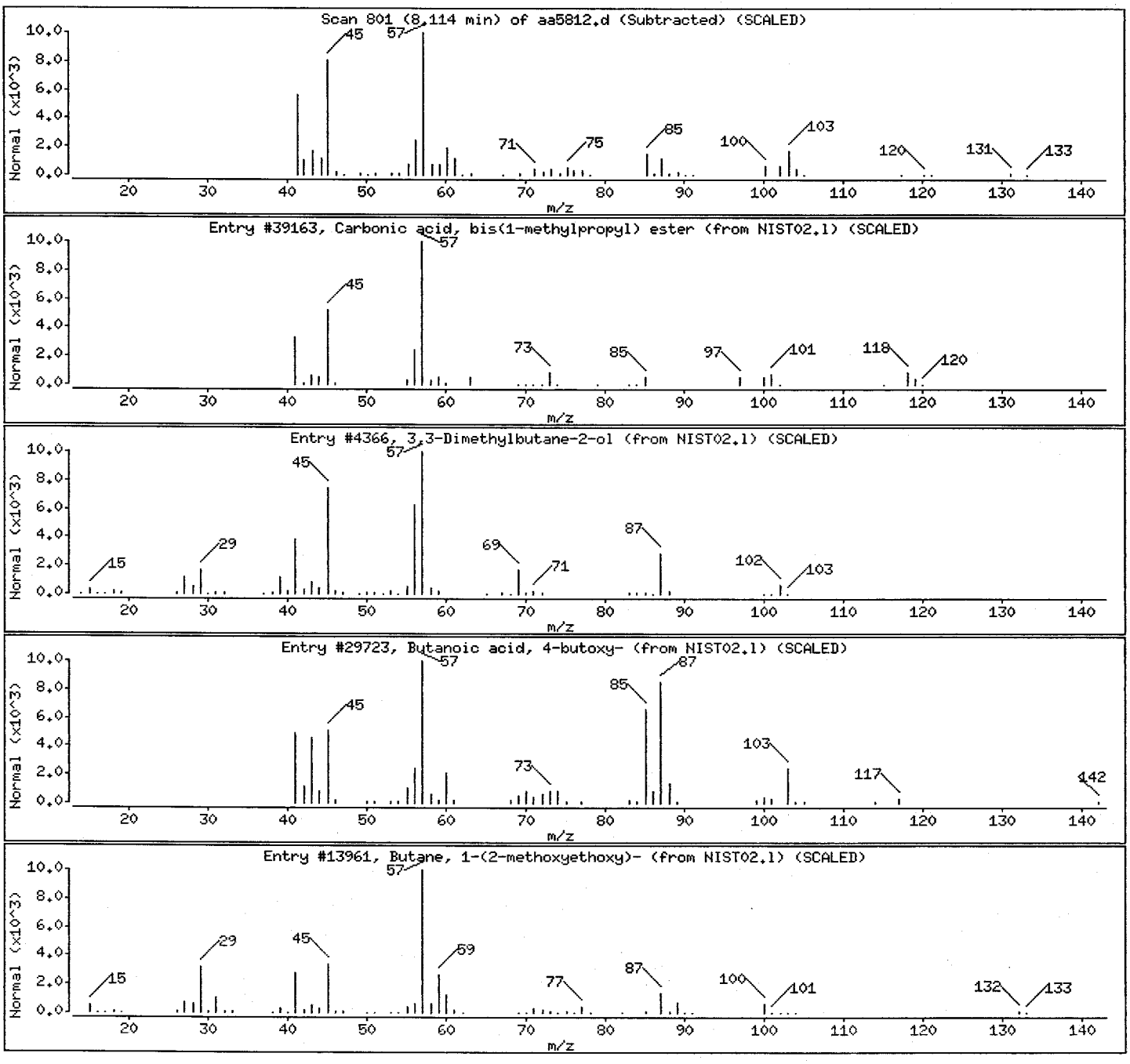
Client ID: 080508-10 Instrument: BNAMS8.i

Sample Info: 940363;4447129

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonic acid, bis(1-methylpropyl) ester	623-63-2	NIST02.l	39163	47	C9H1803	174
3,3-Dimethylbutane-2-ol	464-07-3	NIST02.l	4366	46	C6H140	102
Butanoic acid, 4-butoxy-	55724-73-7	NIST02.l	29723	45	C8H1603	160
Butane, 1-(2-methoxyethoxy)-	13343-98-1	NIST02.l	13961	40	C7H1602	132



Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5813.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	24	10
4-Methylphenol	2.0J	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	3.0J	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	32
4-Nitrophenol	ND	32
4,6-Dinitro-2-methylphenol	ND	32
Pentachlorophenol	ND	32
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	1.4J	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	0.4J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5813.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	0.6J	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	0.8J	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-11**
Site: GM Wilmington-17338

Lab Sample No: **940364**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5813.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	3.48	110	
2. Ethylbenzene	4.42	30	
3. Xylene isomer	4.74	22	
4. Ethylmethylbenzene isomer	5.01	47	
5. Benzene, propyl-	5.28	72	
6. Indane	6.02	100	
7. Diethylbenzene isomer	6.06	23	
8. Diethylbenzene isomer	6.11	20	
9. Ethyldimethylbenzene isomer	6.34	41	
10. Ethyldimethylbenzene isomer	6.58	17	
11. C10H12 Aromatic	6.78	12	
12. C10H12 Aromatic	6.88	53	
13. 1,3,5-Triazine-2,4-diamine, 6-phenyl-	11.38	12	
14. Phenol, 4,4'-(1-methylethylidene)bis-	11.93	250	
15. Unknown	15.04	60	
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	869

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d
Report Date: 23-Aug-2008 12:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d
Lab Smp Id: 940364 Client Smp ID: 080508-11
Inj Date : 11-AUG-2008 01:05
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940364;4447155
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 23-Aug-2008 12:50 rusin Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

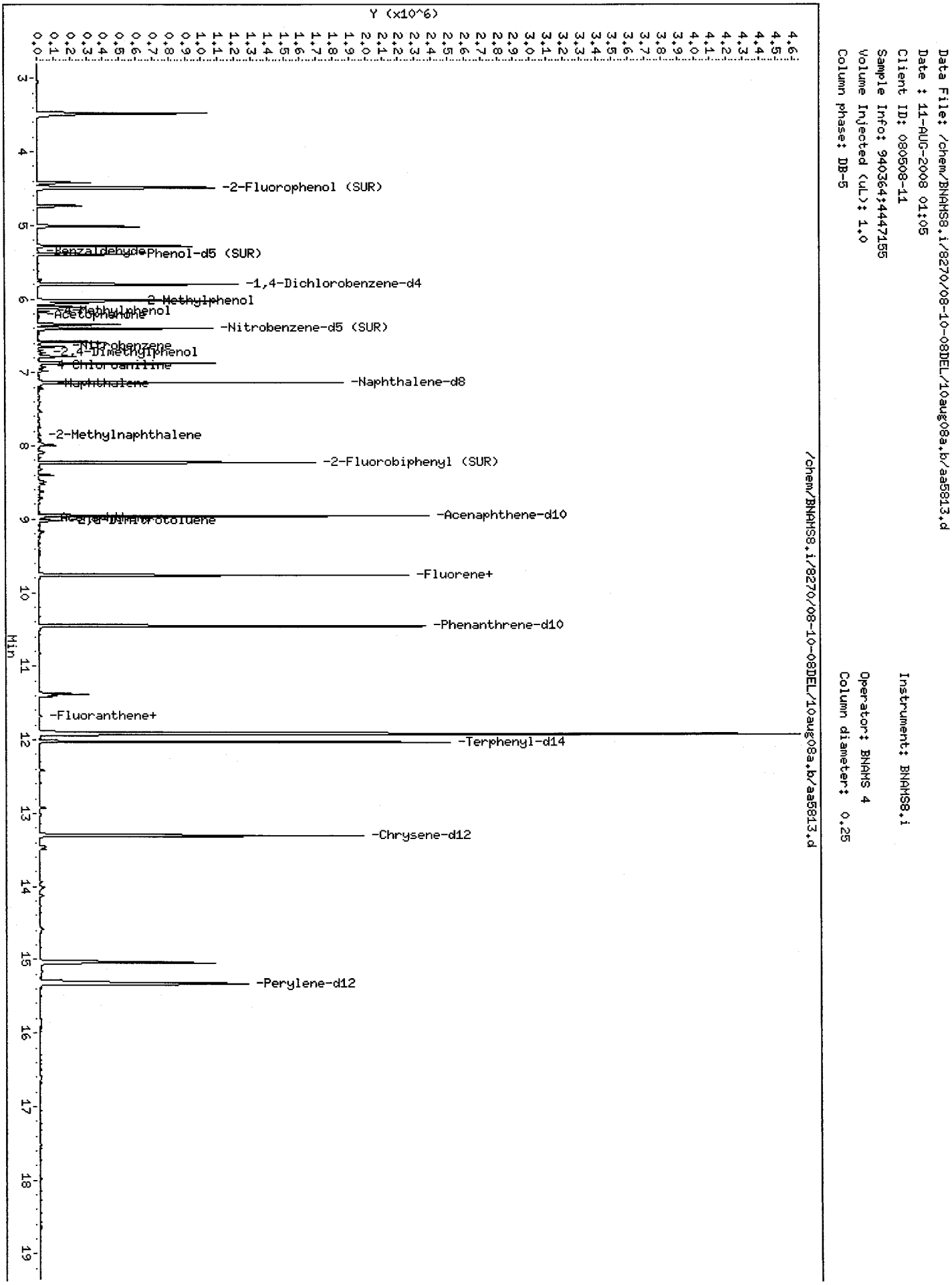
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.483	4.483	(0.773)	181811	36.4915	77
~~110 Benzaldehyde~~	~~77~~	~~5.360~~	~~5.361~~	~~(0.924)~~	~~1227~~	~~0.30233~~	~~0.64(a)~~
$ 17 Phenol-d5 (SUR)	99	5.393	5.401	(0.930)	149371	21.3888	45
* 79 1,4-Dichlorobenzene-d4	152	5.799	5.799	(1.000)	161484	40.0000	
3 2-Methylphenol	108	6.031	6.039	(1.040)	60169	11.2352	24
4 4-Methylphenol	108	6.171	6.192	(1.064)	5171	0.93607	2.0(a)
104 Acetophenone	105	6.224	6.231	(1.073)	3248	0.38245	0.80(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.404	6.404	(0.898)	268741	32.3475	68
~~37 Nitrobenzene~~	~~77~~	~~6.650~~	~~6.424~~	~~(0.932)~~	~~19439~~	~~1.83201~~	~~3.8~~
6 2,4-Dimethylphenol	122	6.729	6.743	(0.943)	8336	1.44976	3.0(a)
* 80 Naphthalene-d8	136	7.135	7.135	(1.000)	713691	40.0000	
31 Naphthalene	128	7.155	7.162	(1.003)	11605	0.68501	1.4(a)
~~32 4-Chloroaniline~~	~~127~~	~~6.909~~	~~7.200~~	~~(0.968)~~	~~1190~~	~~0.16788~~	~~0.35(a)~~
34 2-Methylnaphthalene	142	7.853	7.860	(1.101)	2356	0.19420	0.41(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.231	8.232	(0.919)	495768	34.0789	72

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d
Report Date: 23-Aug-2008 12:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	~~40 2,6-Dinitrotoluene~~	~~165~~	~~9.022~~	~~8.757~~	~~(1.007)~~	~~418~~	~~0.10863~~	~~0.23(a)~~
*	82 Acenaphthene-d10	164	8.956	8.956	(1.000)	531290	40.0000	
	~~42 Acenaphthene~~	~~154~~	~~8.902~~	~~8.996~~	~~(1.003)~~	~~1657~~	~~0.11221~~	~~0.24(a)~~
	~~47 Fluorene~~	~~166~~	~~9.760~~	~~9.501~~	~~(1.090)~~	~~10680~~	~~0.67773~~	~~1.4(a)~~
$	18 2,4,6-Tribromophenol (SUR)	330	9.767	9.767	(1.091)	259986	81.0275	170
	~~50 4-Bromophenyl-phenylether~~	~~248~~	~~9.760~~	~~9.953~~	~~(0.934)~~	~~17377~~	~~3.14090~~	~~6.6(a)~~
*	83 Phenanthrene-d10	188	10.451	10.459	(1.000)	900383	40.0000	
	56 Fluoranthene	202	11.681	11.695	(1.118)	9006	0.28388	0.60(a)
	~~57 Pyrene~~	~~202~~	~~11.681~~	~~11.934~~	~~(0.878)~~	~~9006~~	~~0.32523~~	~~0.68(a)~~
$	78 Terphenyl-d14	244	12.026	12.020	(0.904)	808117	37.5959	79
*	81 Chrysene-d12	240	13.309	13.310	(1.000)	965105	40.0000	
*	84 Perylene-d12	264	15.323	15.324	(1.000)	791015	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d
Date : 11-AUG-2008 01:05
Client ID: 080508-11
Sample Info: 940364;4447155
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
-2-Fluorophenol (SUR)
Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
-Fluorene+
-Phenanthrene-d10
-Fluoranthene+
-Terphenyl-d14
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

Client ID: 080508-11

Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0

Operator: BNAMS 4

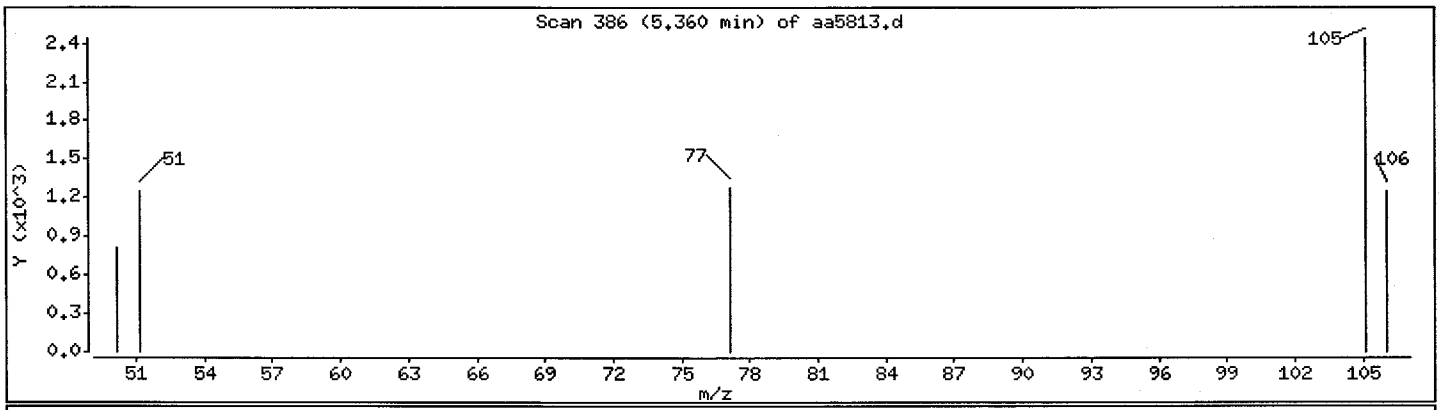
Column phase: DB-5

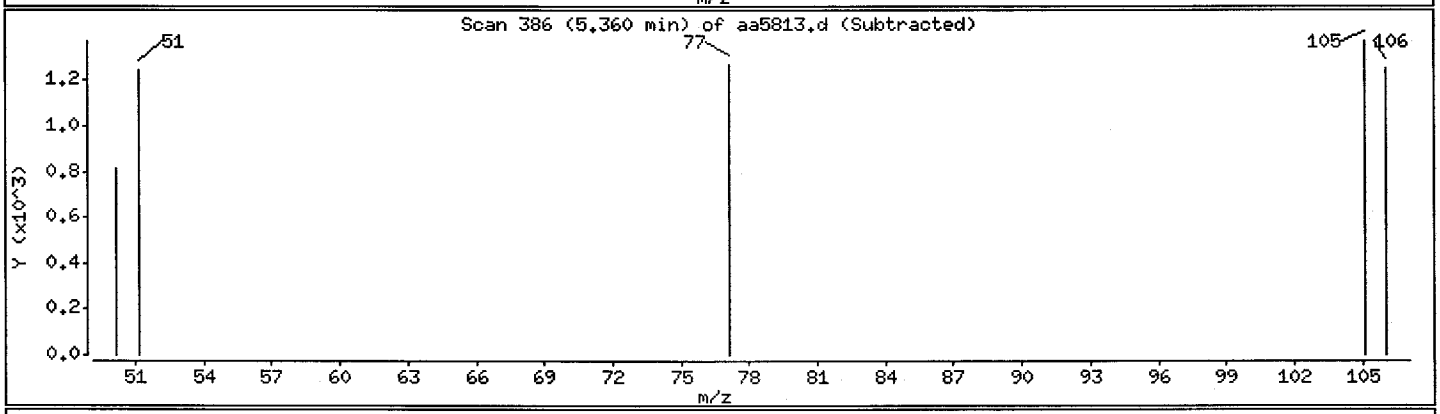
Column diameter: 0.25

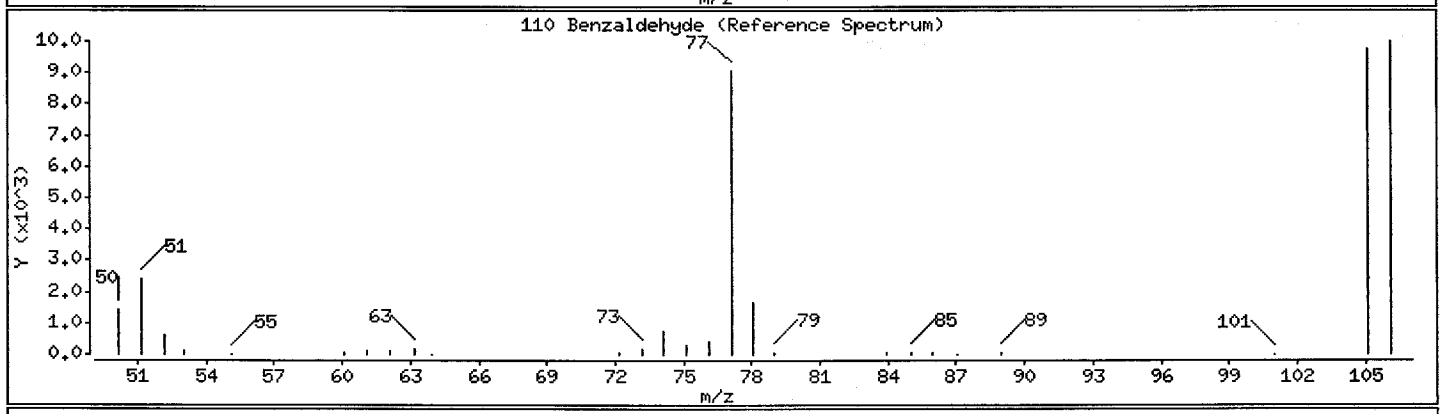
110 Benzaldehyde

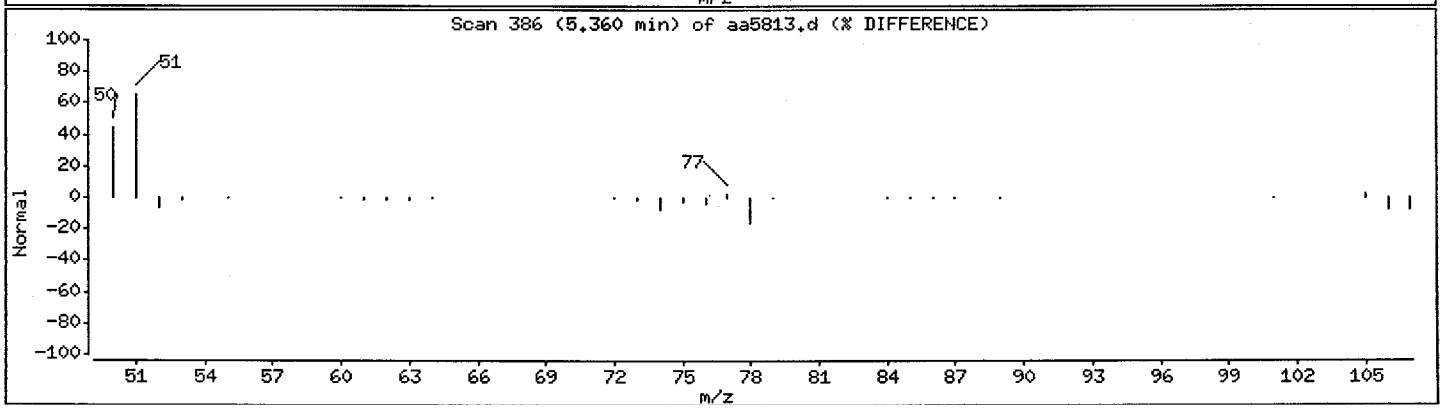
Concentration: 0.64 ug/L

FALSE POSITIVE
Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

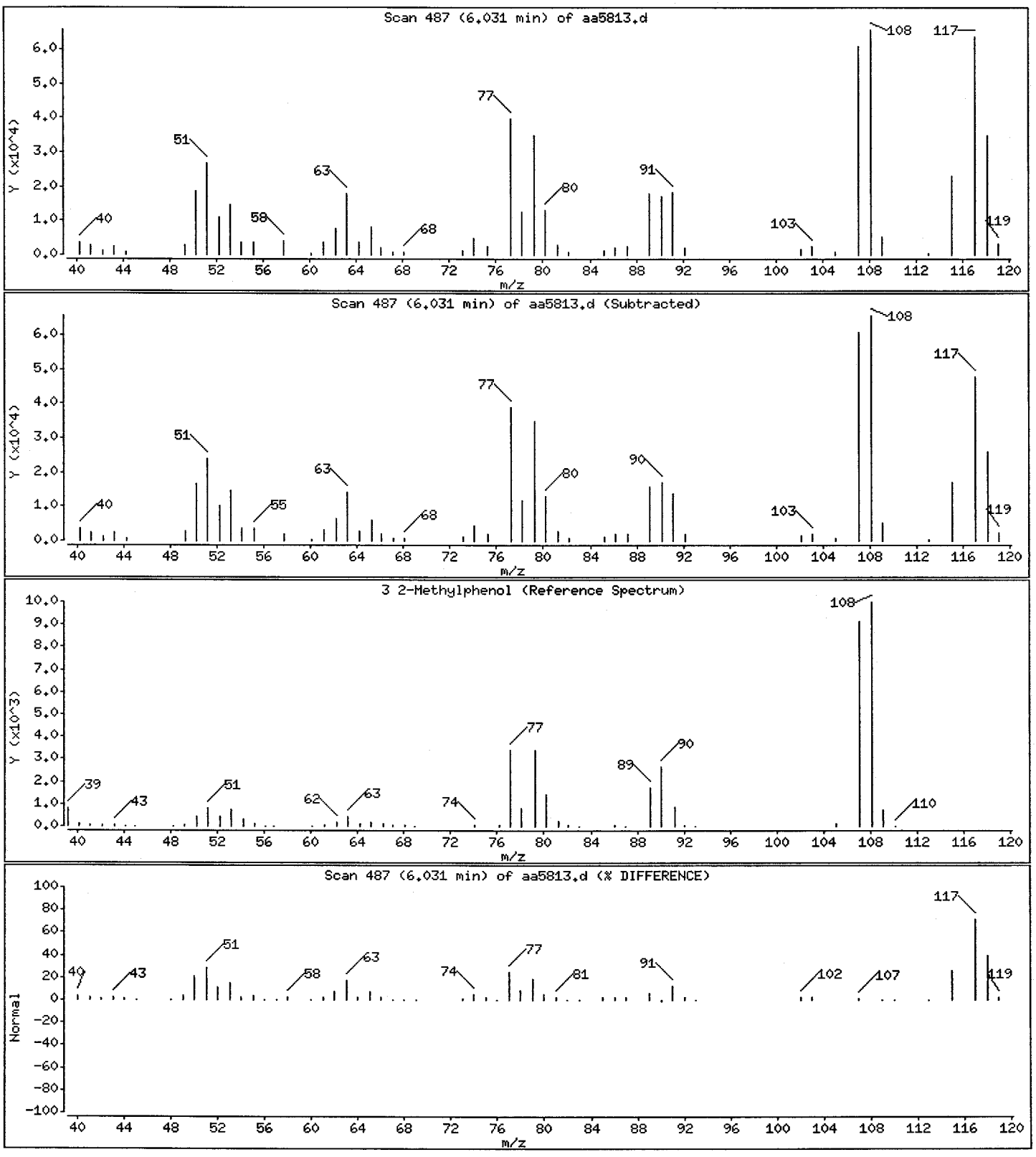
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

3 2-Methylphenol Concentration: 24 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

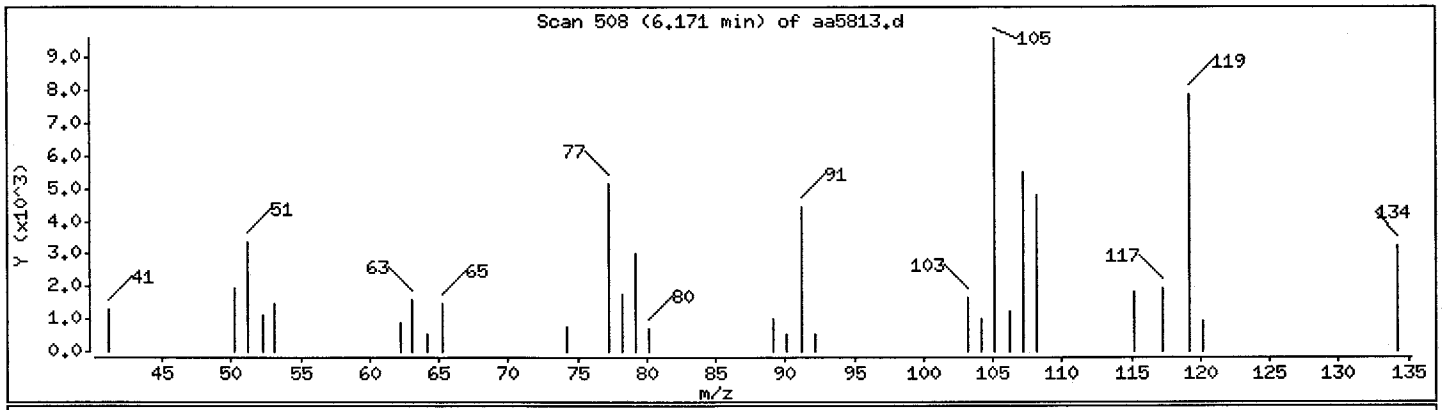
Client ID: 080508-11 Instrument: BNAMS8.i

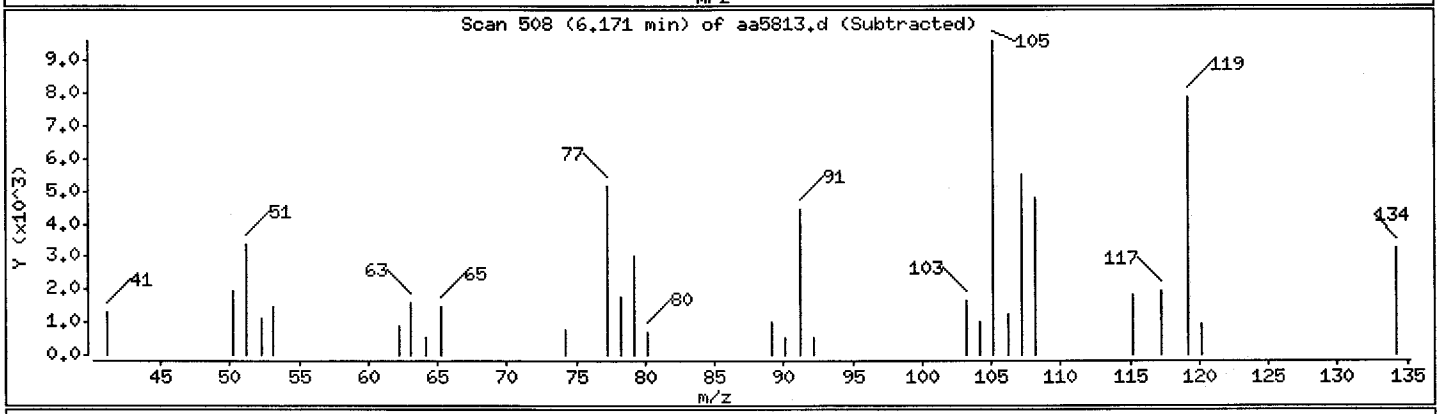
Sample Info: 940364;4447155

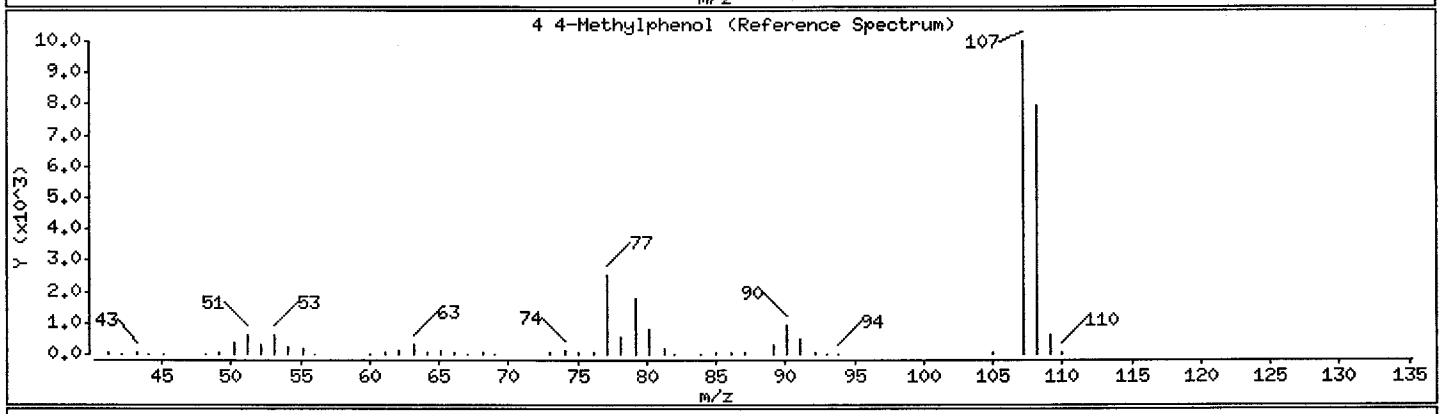
Volume Injected (uL): 1.0 Operator: BNAMS 4

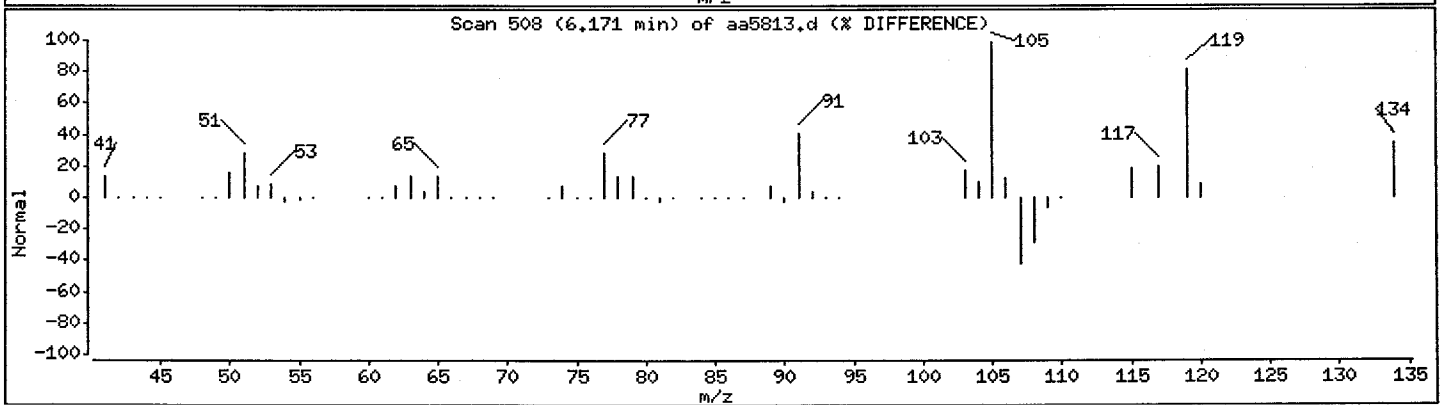
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 2.0 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

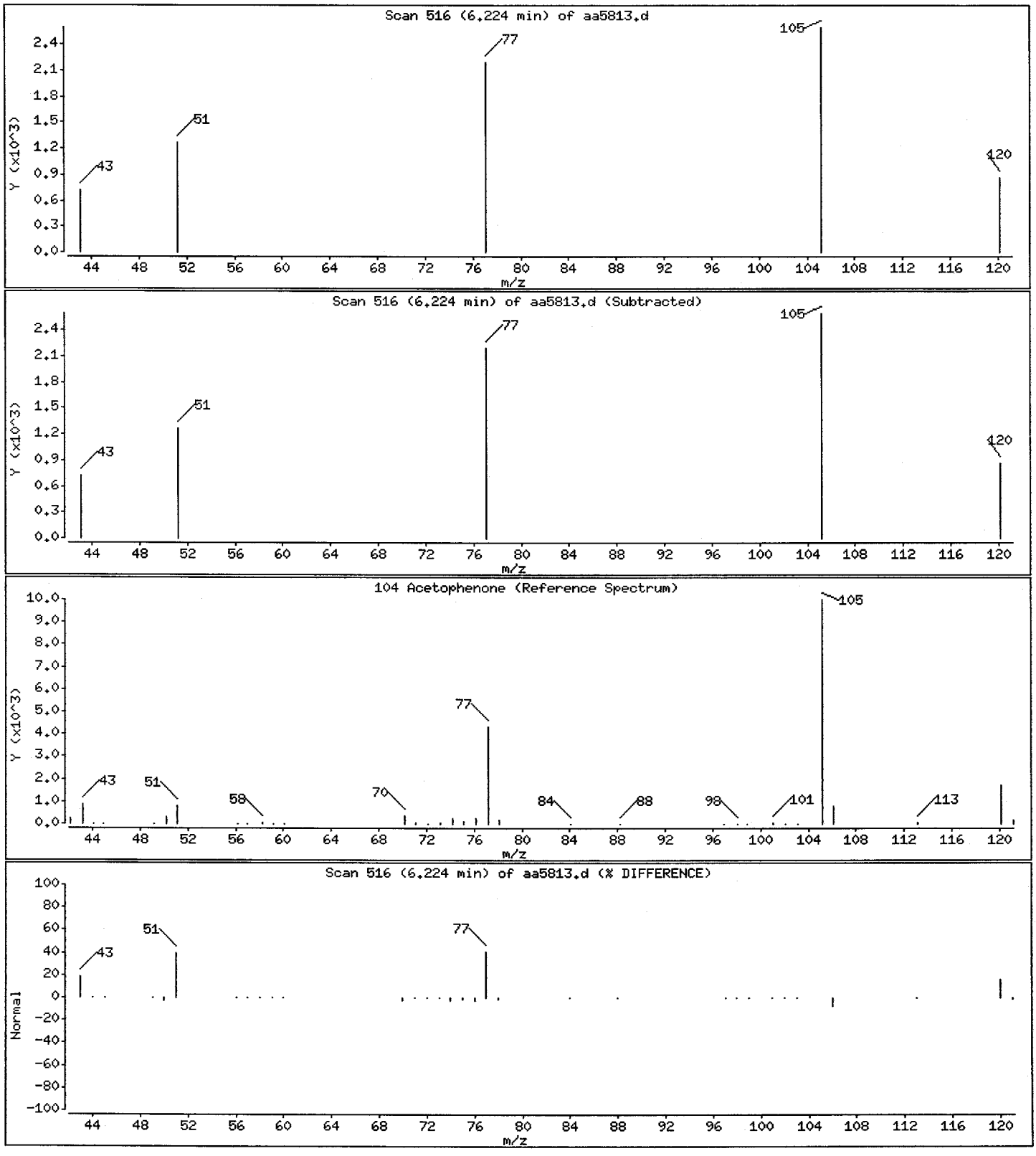
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

104 Acetophenone Concentration: 0.80 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

Client ID: 080508-11 Instrument: BNAMS8.i

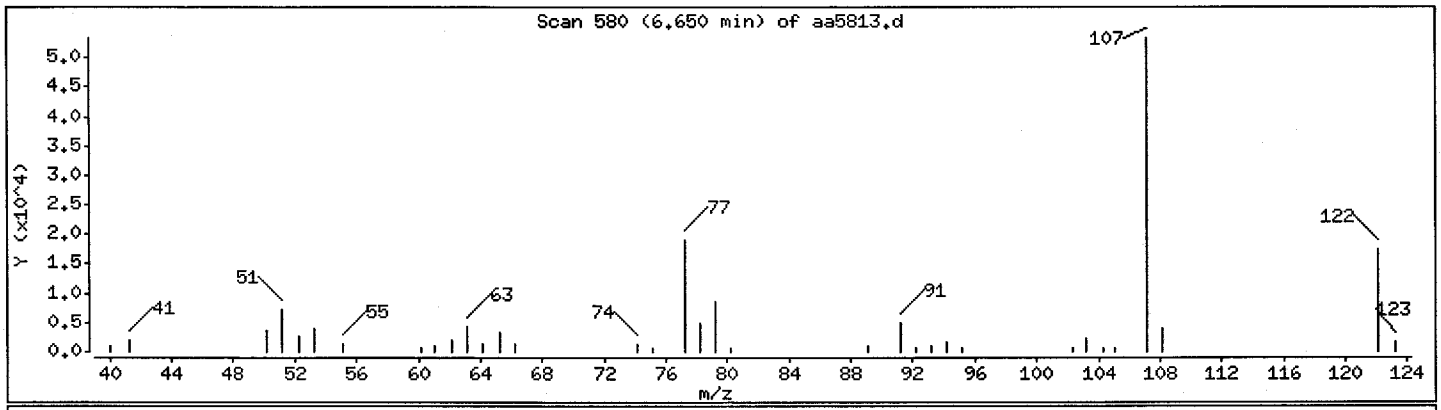
Sample Info: 940364;4447155

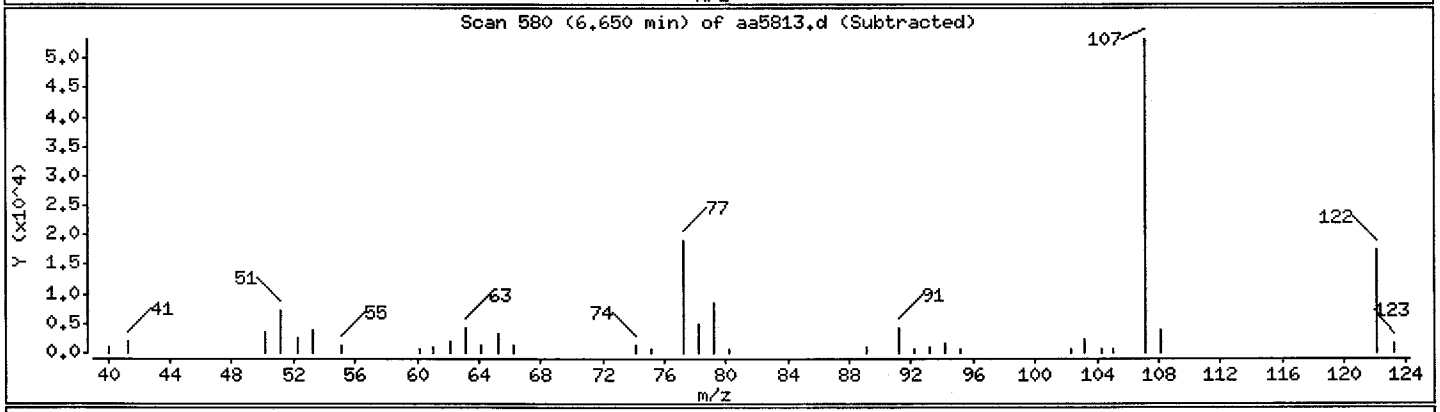
Volume Injected (uL): 1.0 Operator: BNAMS 4

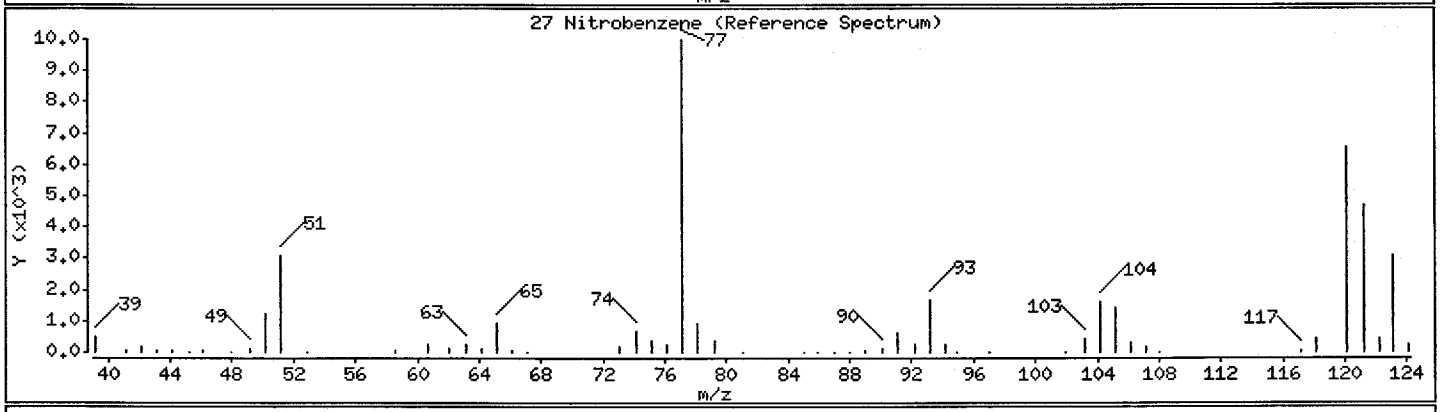
Column phase: DB-5 Column diameter: 0.25

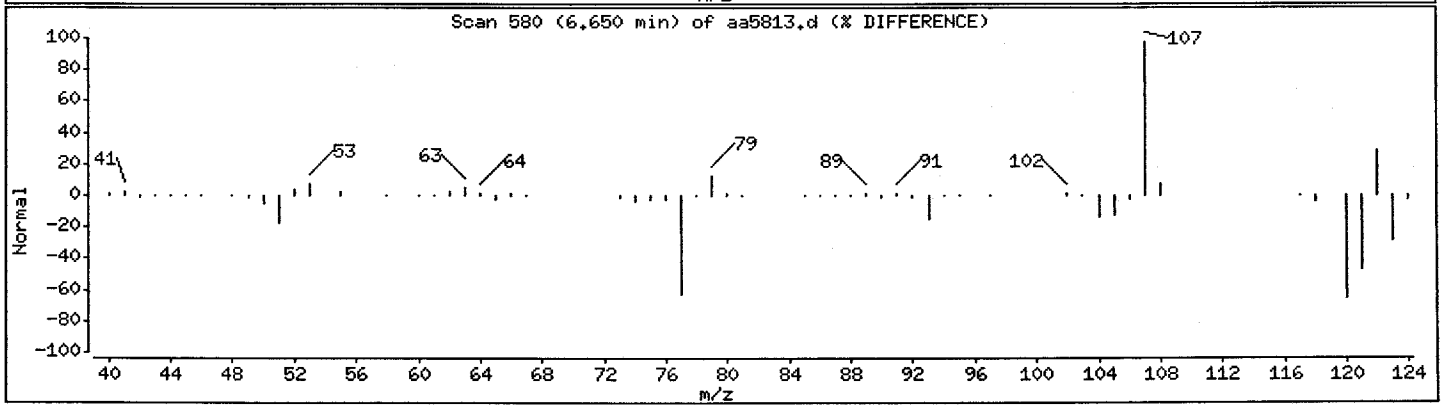
27 Nitrobenzene Concentration: 3.8 ug/L

FALSE POSITIVE









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

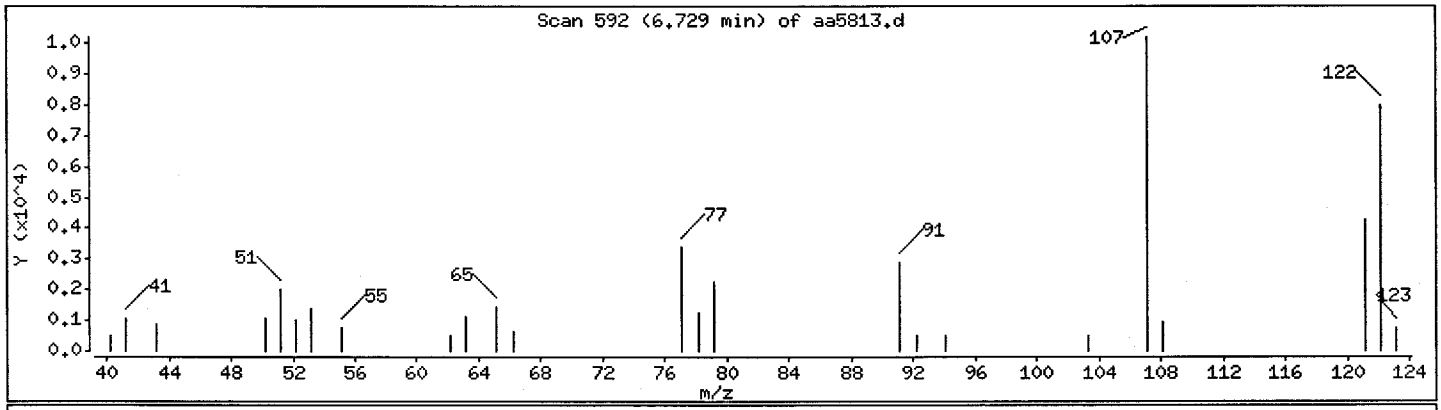
Client ID: 080508-11 Instrument: BNAMS8.i

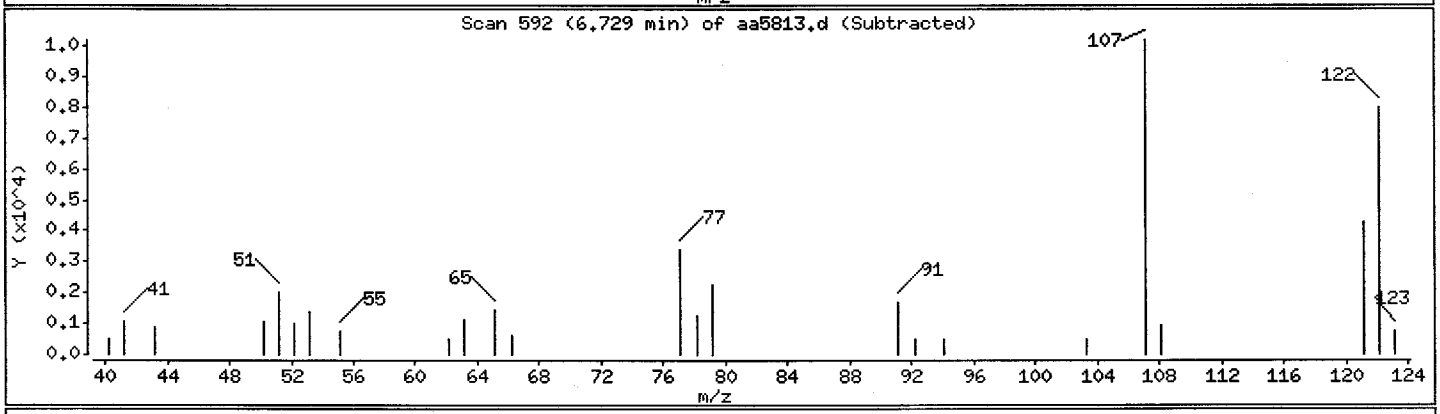
Sample Info: 940364;4447155

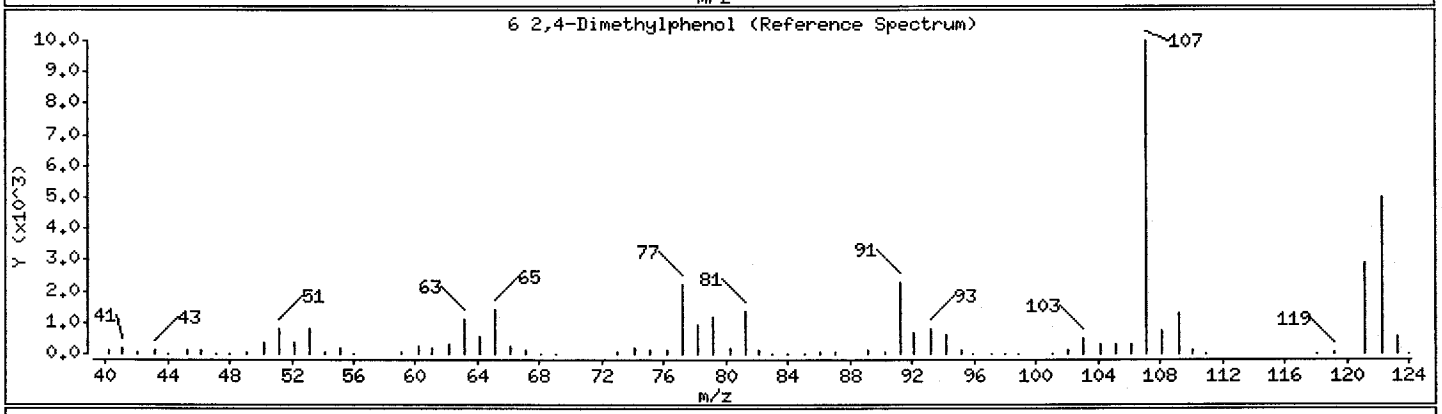
Volume Injected (uL): 1.0 Operator: BNAMS 4

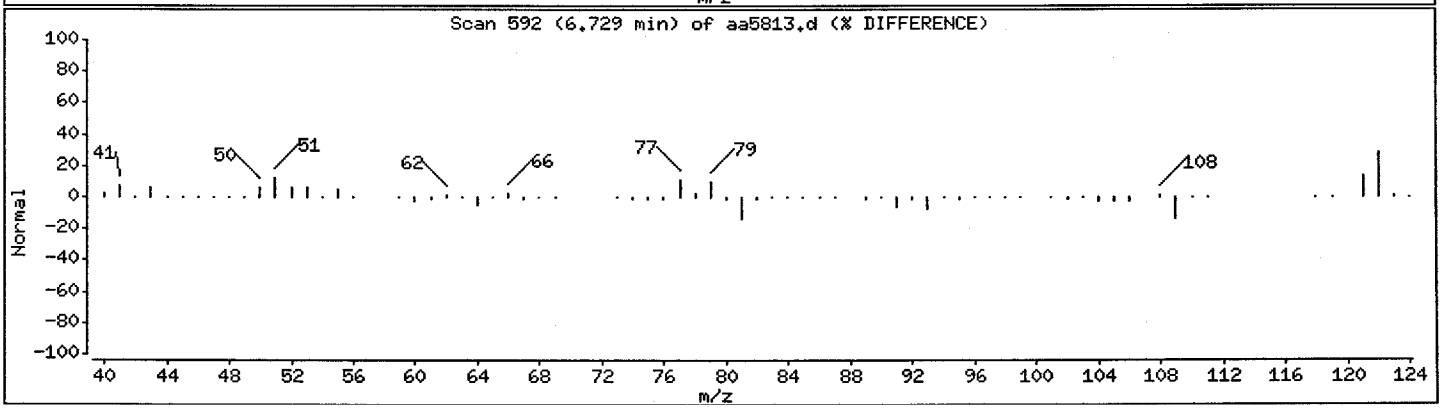
Column phase: DB-5 Column diameter: 0.25

6 2,4-Dimethylphenol Concentration: 3.0 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

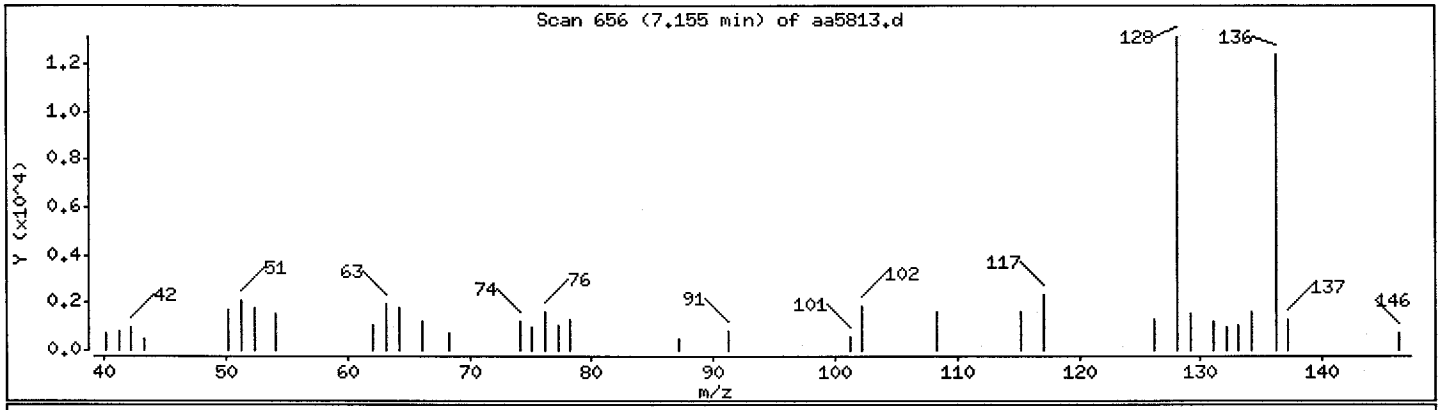
Client ID: 080508-11 Instrument: BNAMS8.i

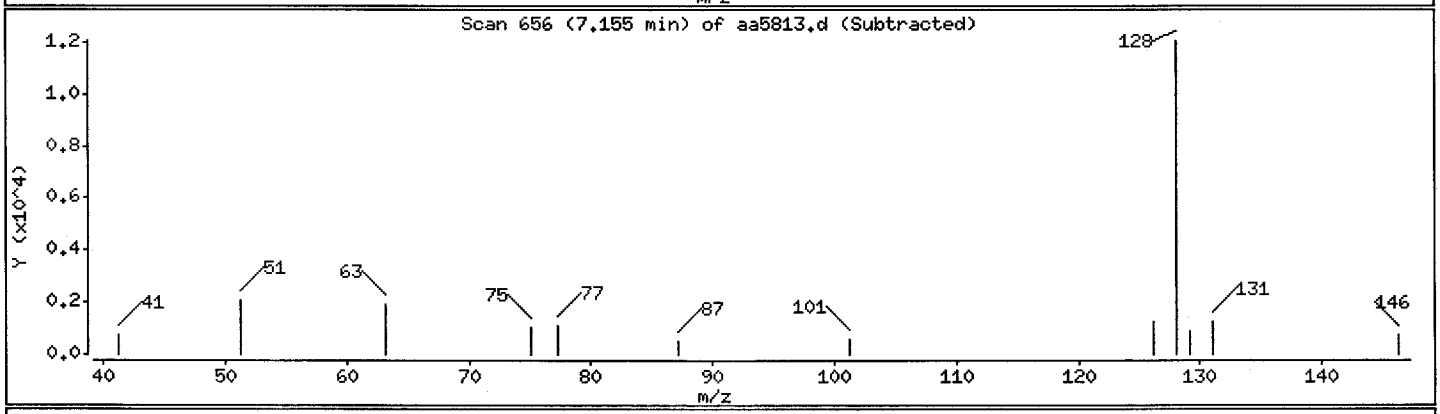
Sample Info: 940364;4447155

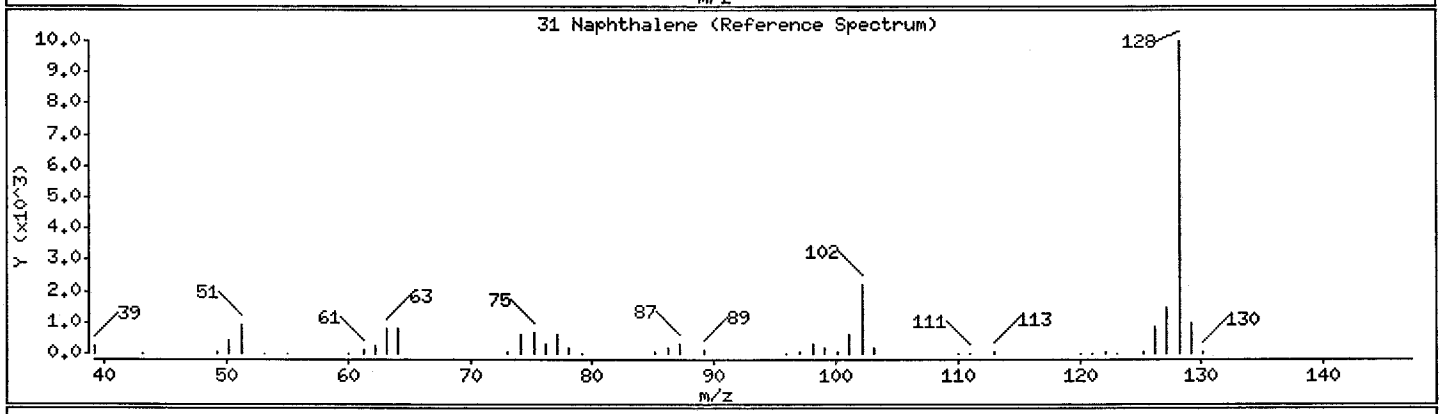
Volume Injected (uL): 1.0 Operator: BNAMS 4

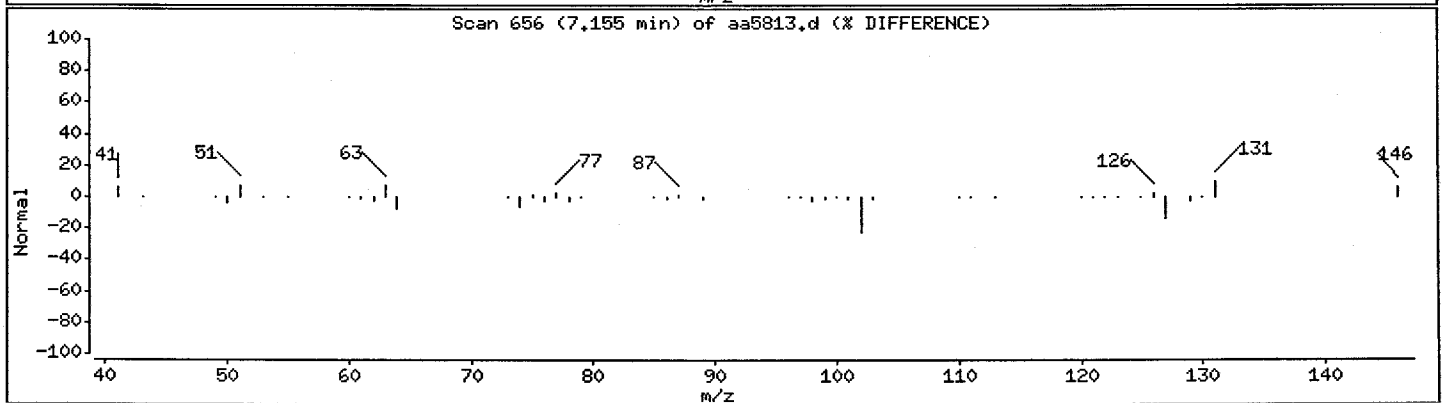
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 1.4 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

Client ID: 080508-11 Instrument: BNAMS8.i

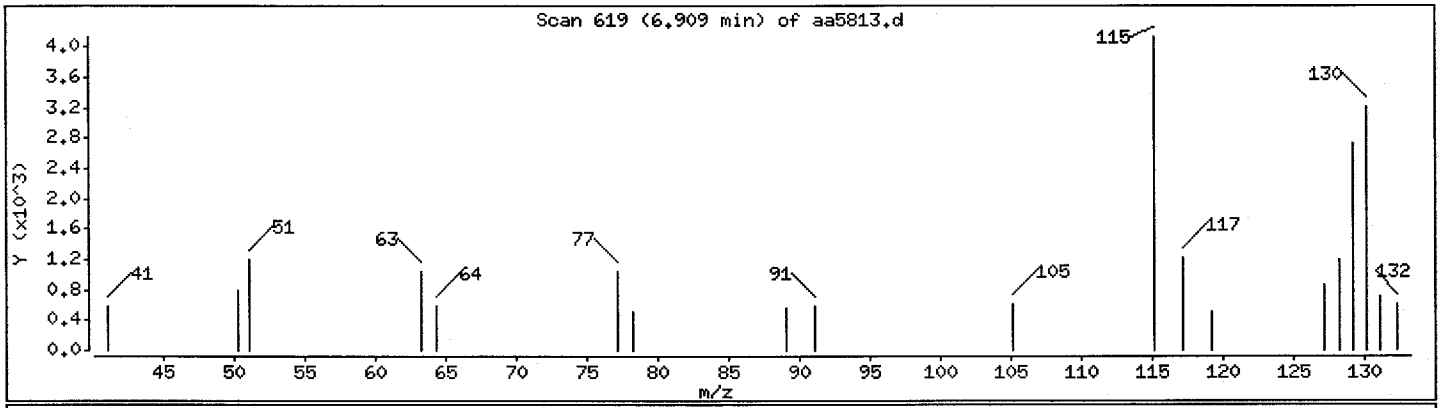
Sample Info: 940364;4447155

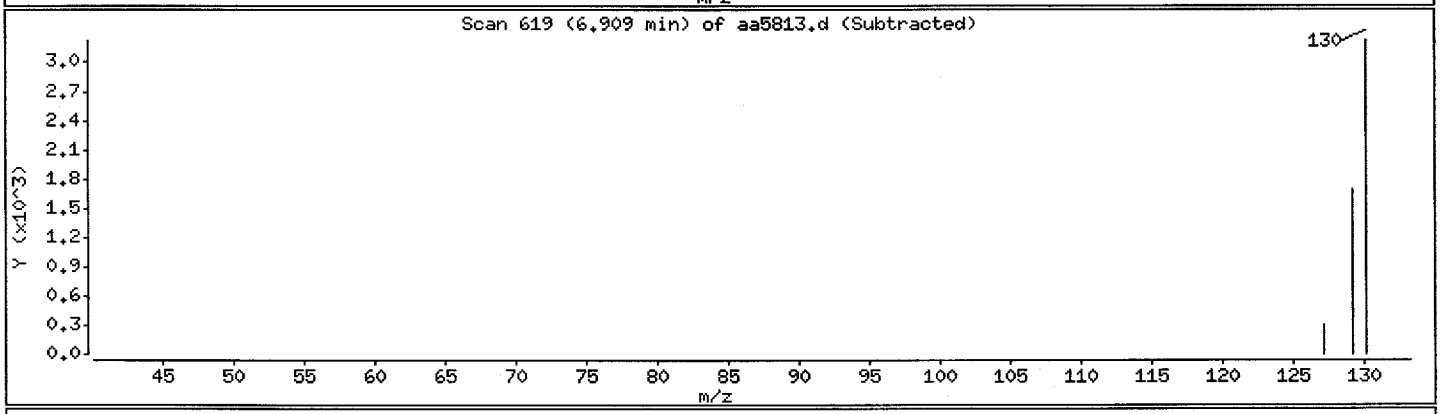
Volume Injected (uL): 1.0 Operator: BNAMS 4

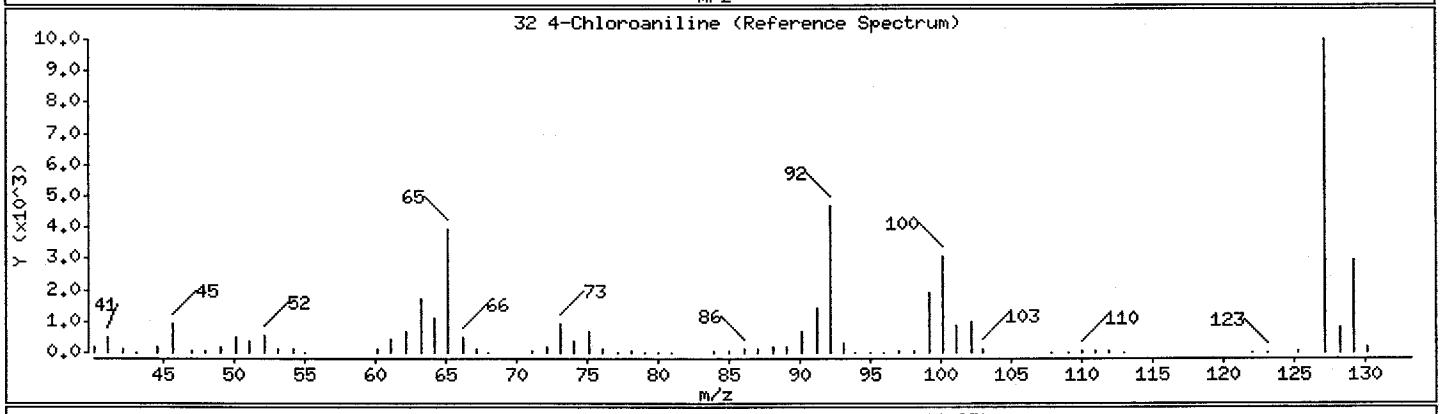
Column phase: DB-5 Column diameter: 0.25

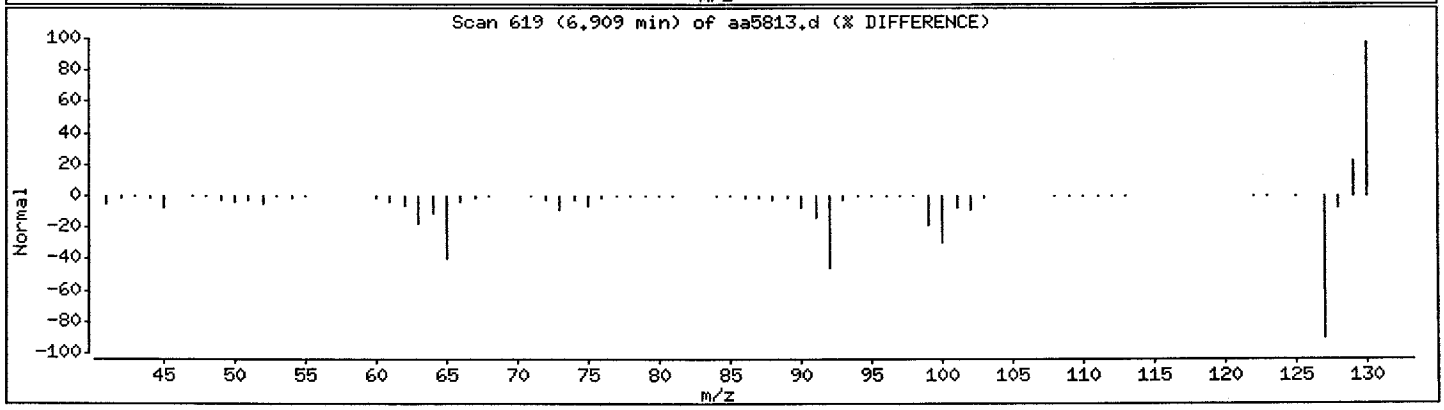
32 4-Chloroaniline Concentration: 0.35 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

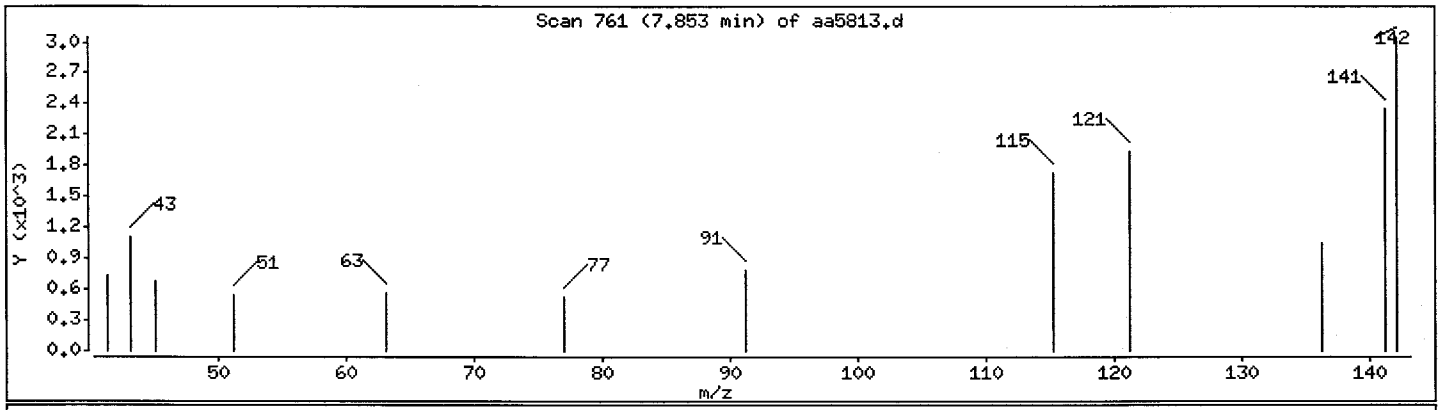
Client ID: 080508-11 Instrument: BNAMS8.i

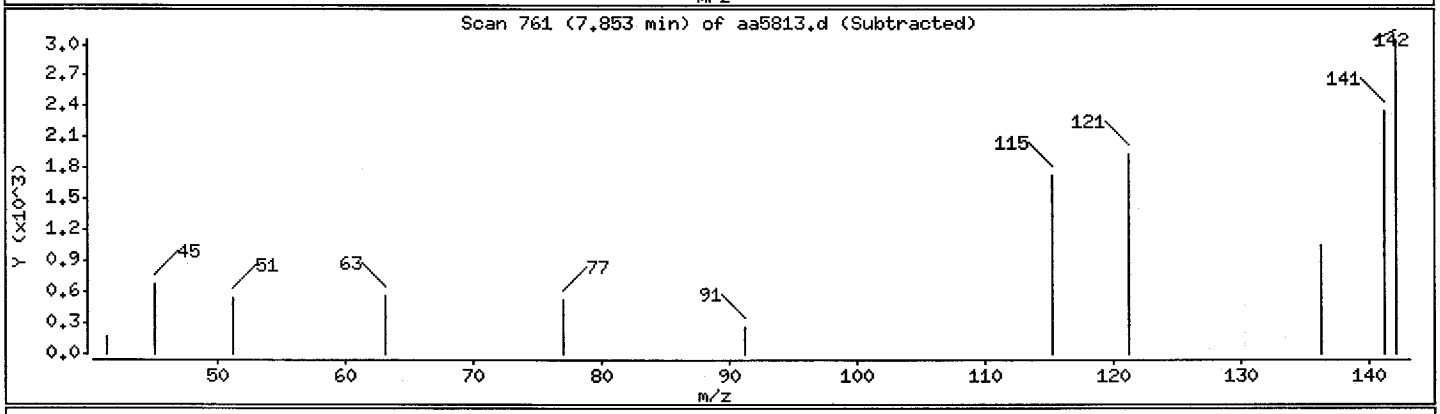
Sample Info: 940364;4447155

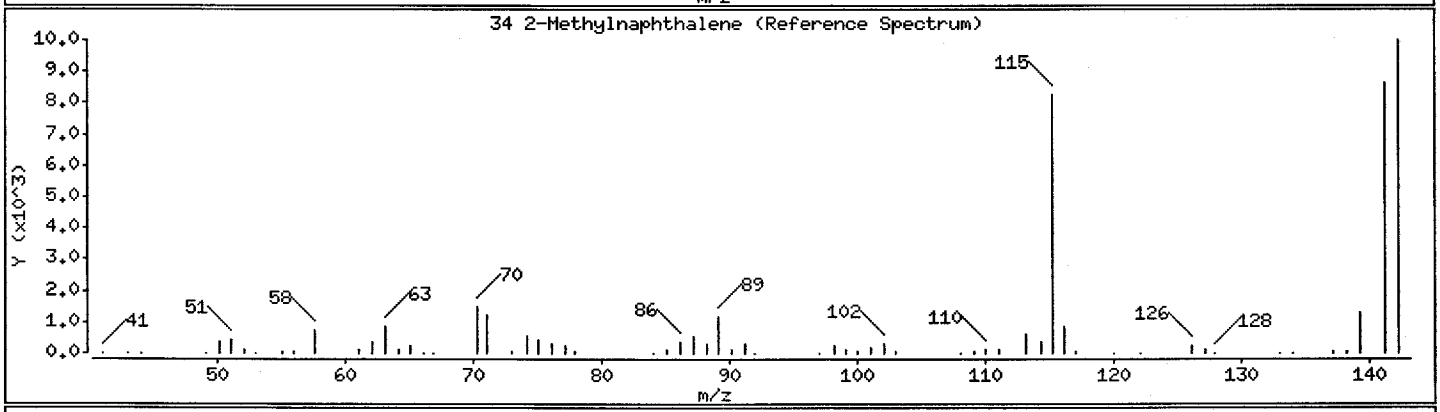
Volume Injected (uL): 1.0 Operator: BNAMS 4

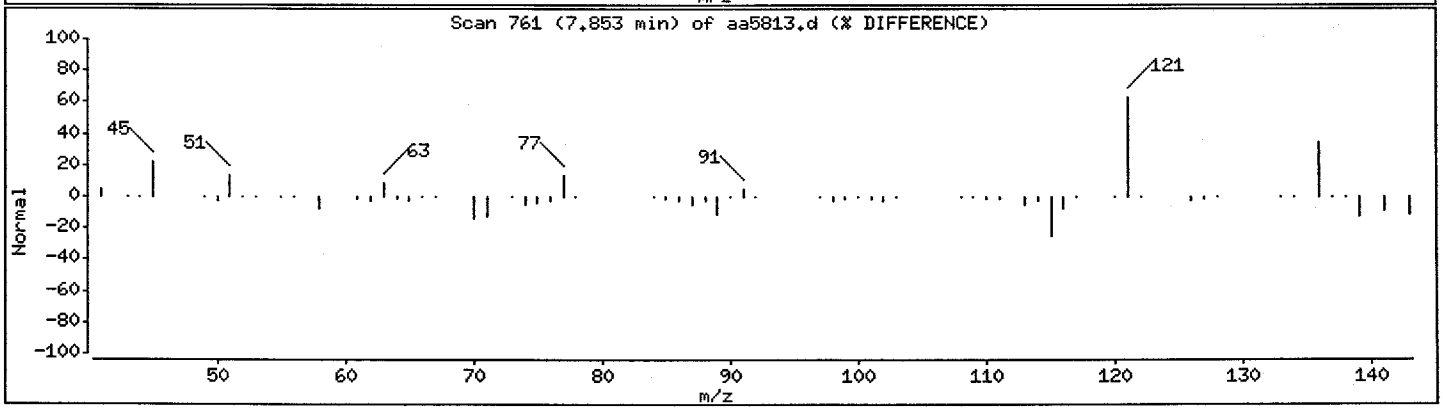
Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 0.41 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

Client ID: 080508-11

Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0

Operator: BNAMS 4

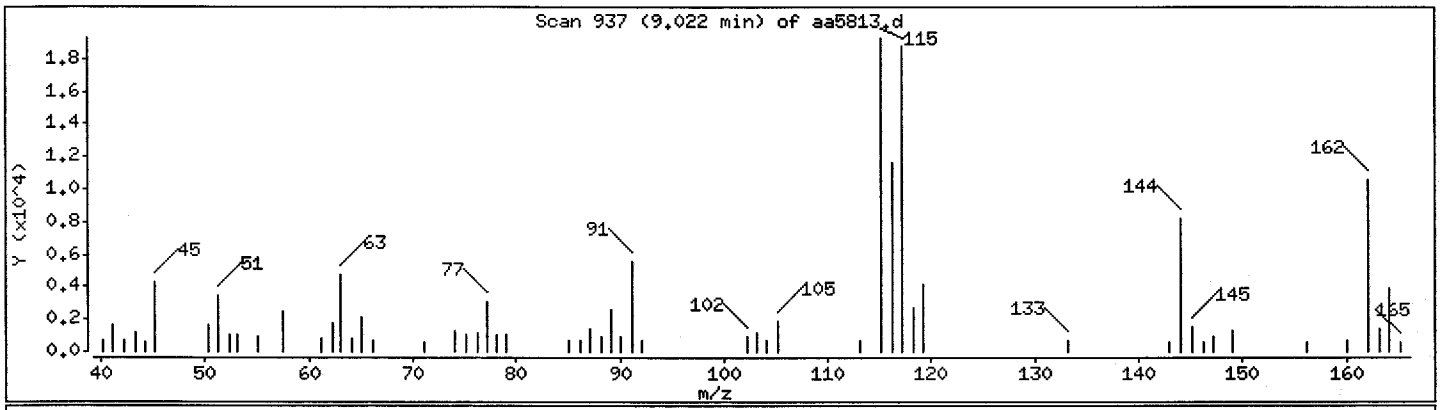
Column phase: DB-5

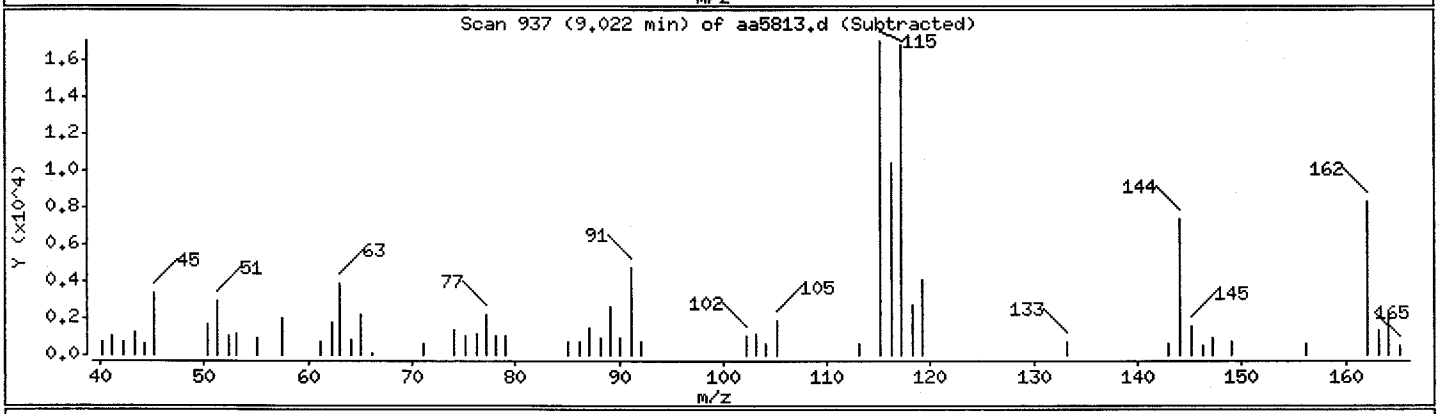
Column diameter: 0.25

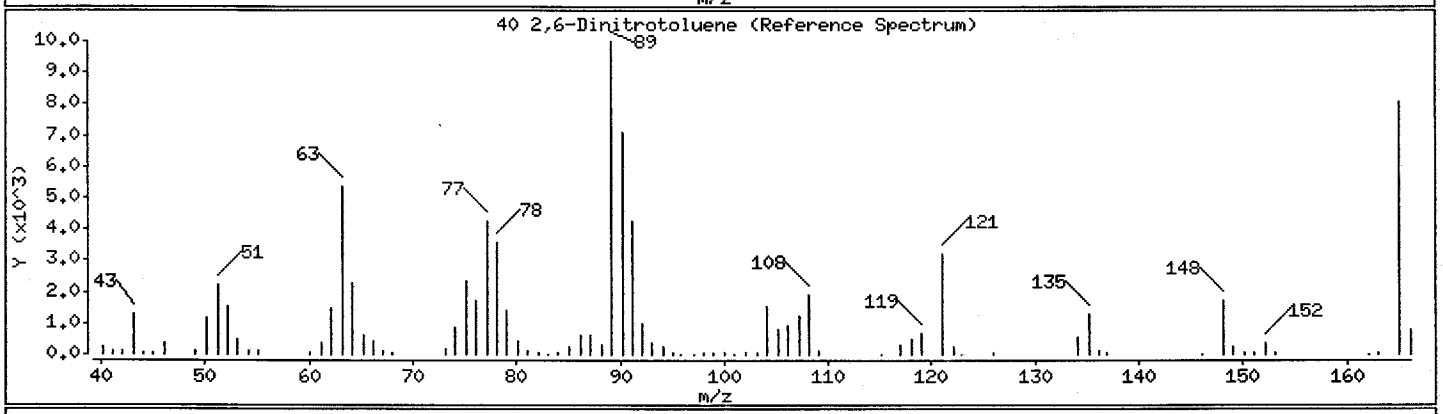
FALSE POSITIVE
Init.

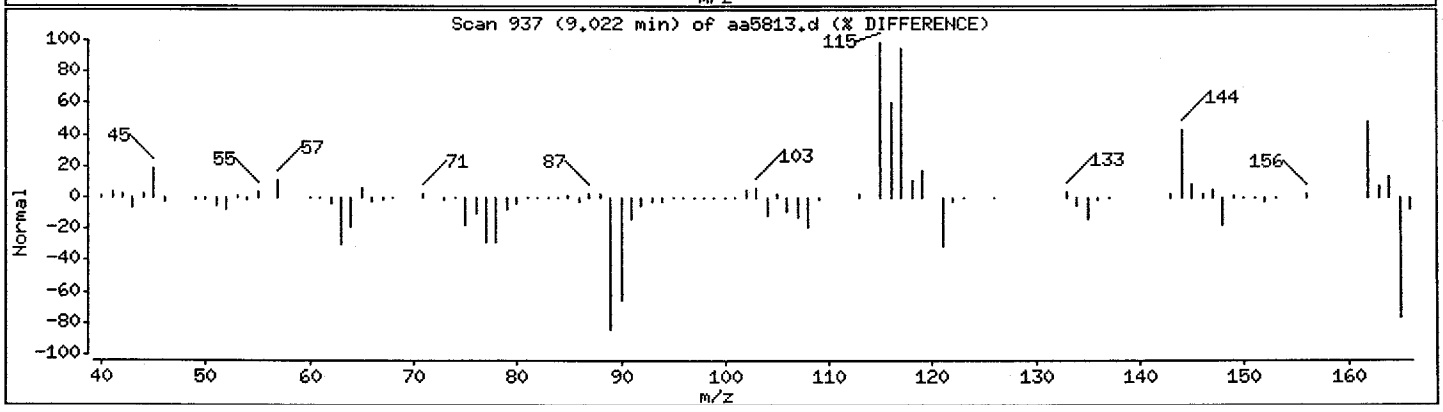
40 2,6-Dinitrotoluene

Concentration: 0.23 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

Client ID: 080508-11

Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0

Operator: BNAMS 4

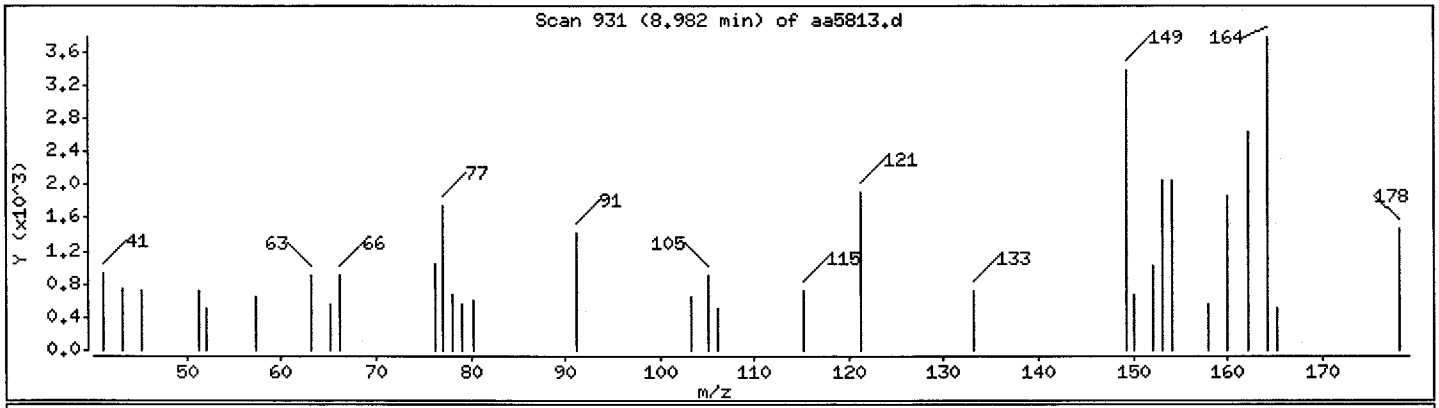
Column phase: DB-5

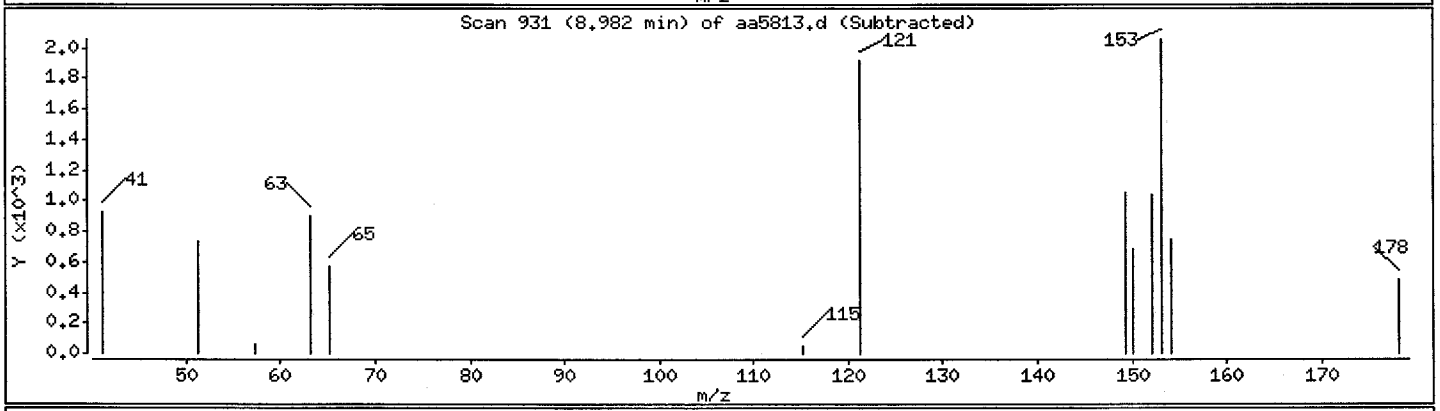
Column diameter: 0.25

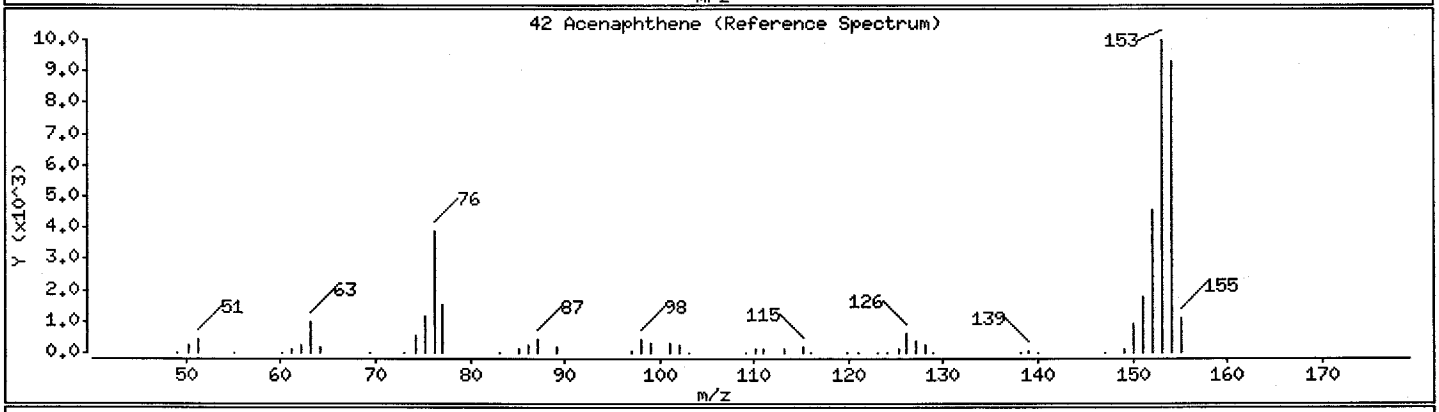
42 Acenaphthene

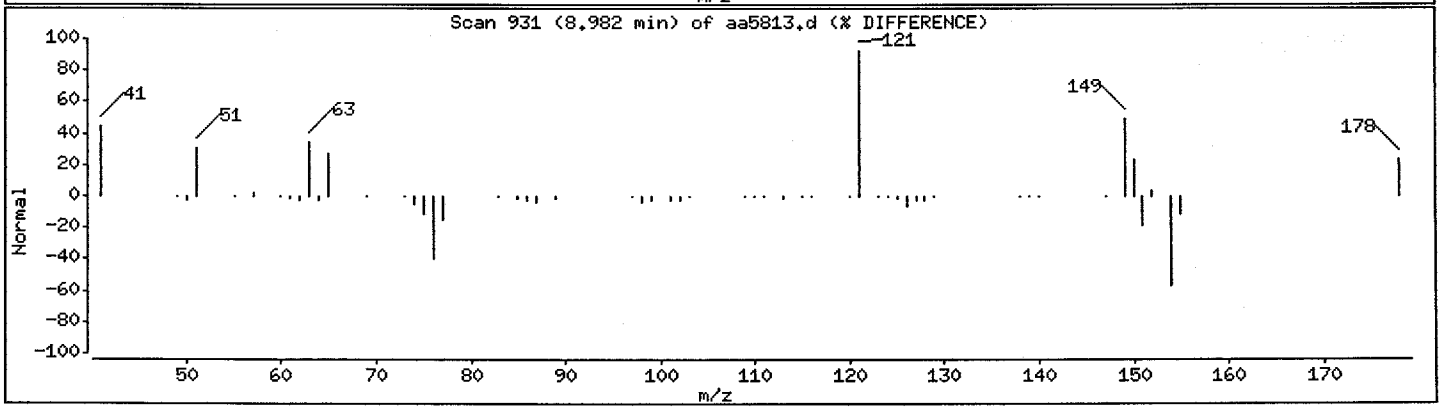
Concentration: 0.24 ug/L

FALSE POSITIVE
Init









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

Client ID: 080508-11 Instrument: BNAMS8.i

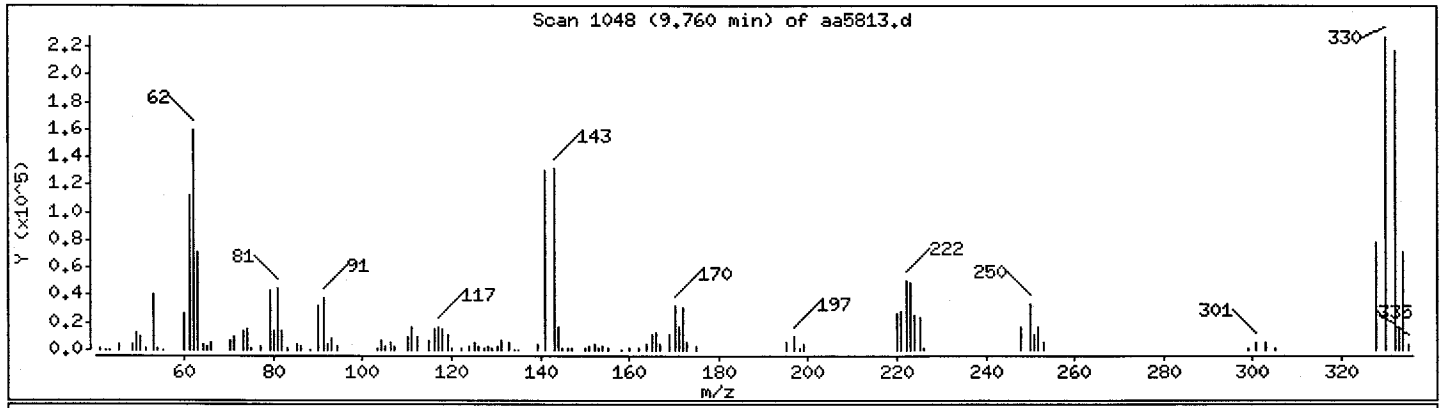
Sample Info: 940364;4447155

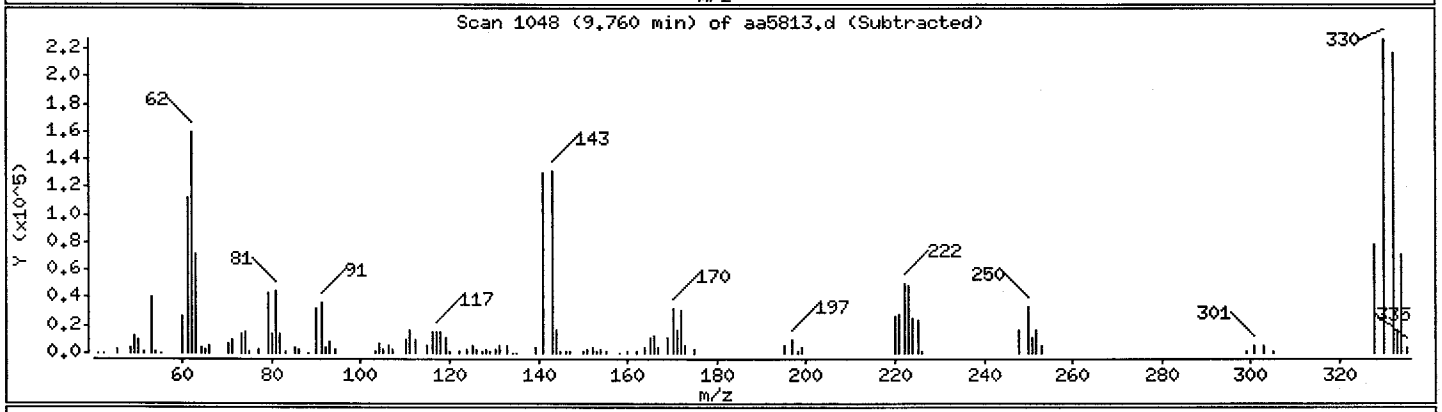
Volume Injected (uL): 1.0 Operator: BNAMS 4

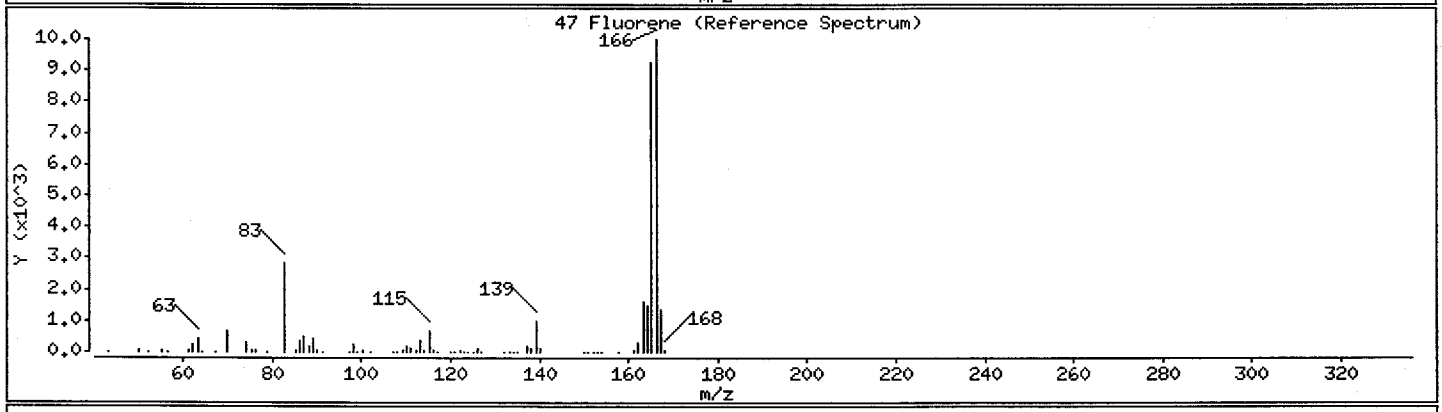
Column phase: DB-5 Column diameter: 0.25

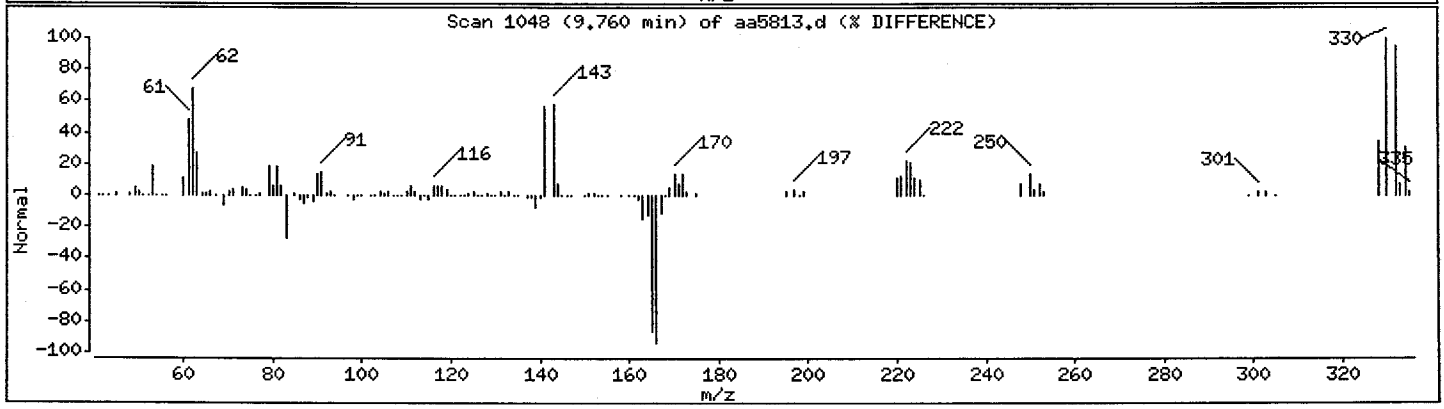
FALSE POSITIVE
Init.

47 Fluorene Concentration: 1.4 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

Client ID: 080508-11

Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0

Operator: BNAMS 4

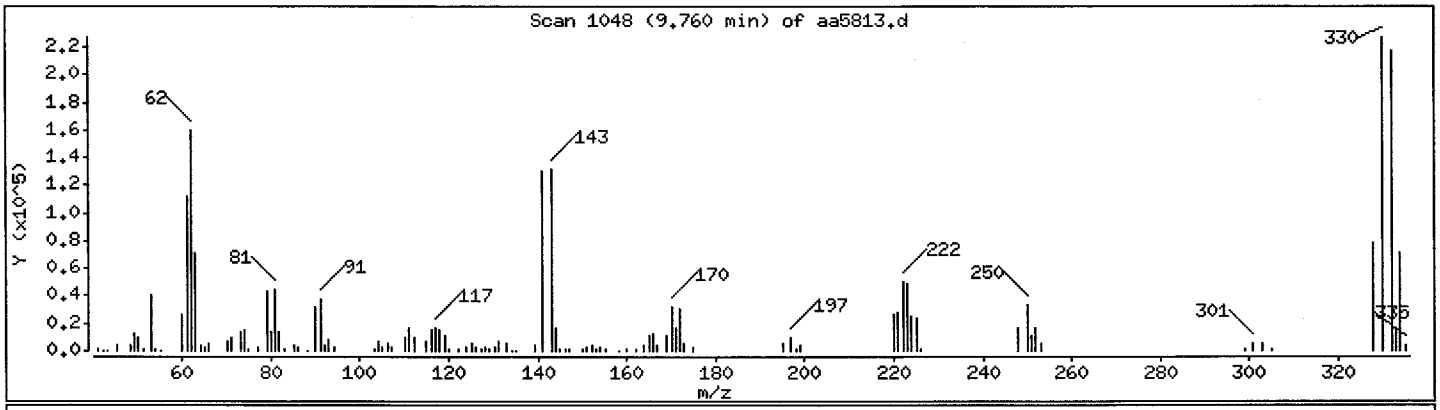
Column phase: DB-5

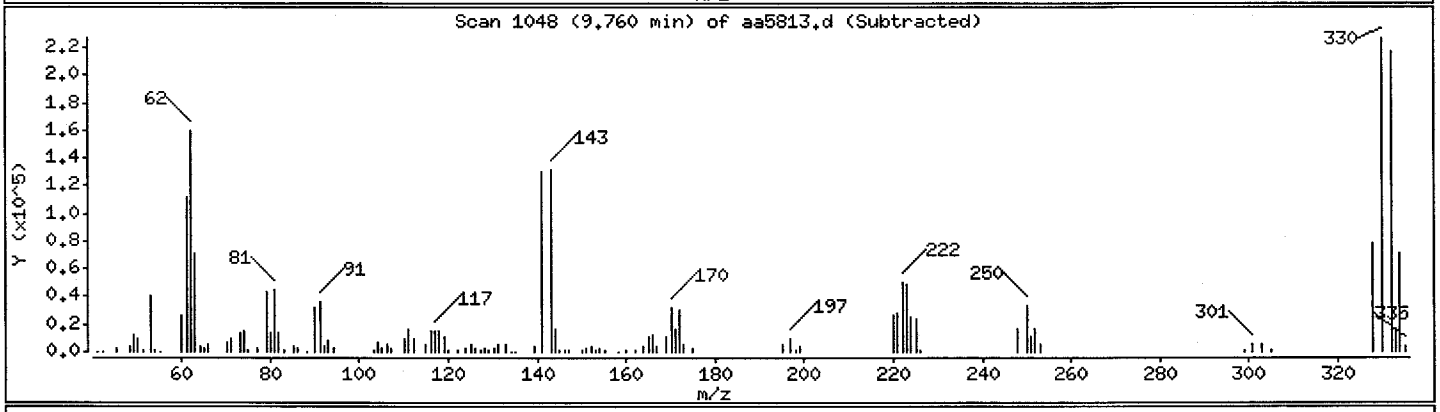
Column diameter: 0.25

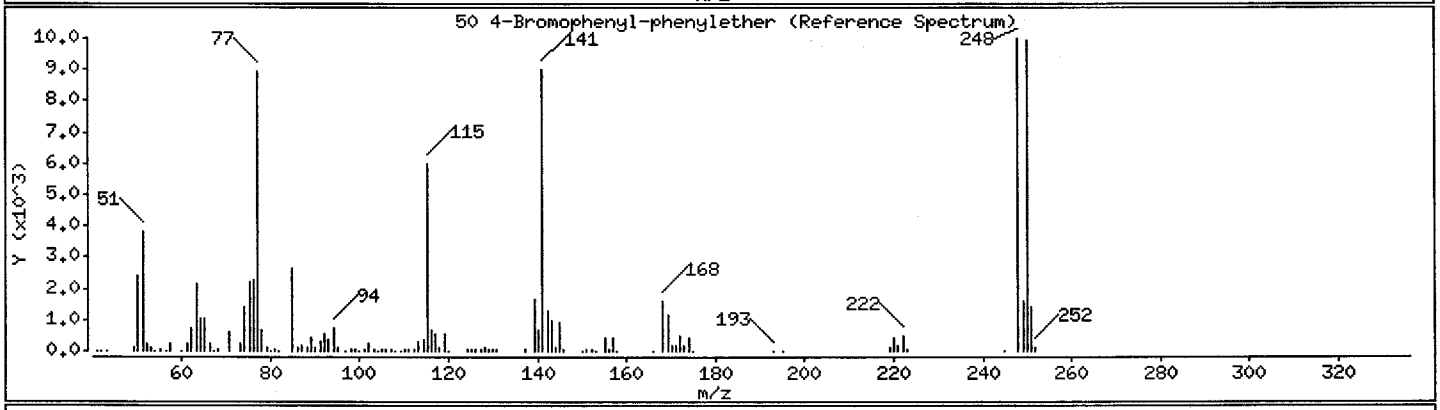
50 4-Bromophenyl-phenylether

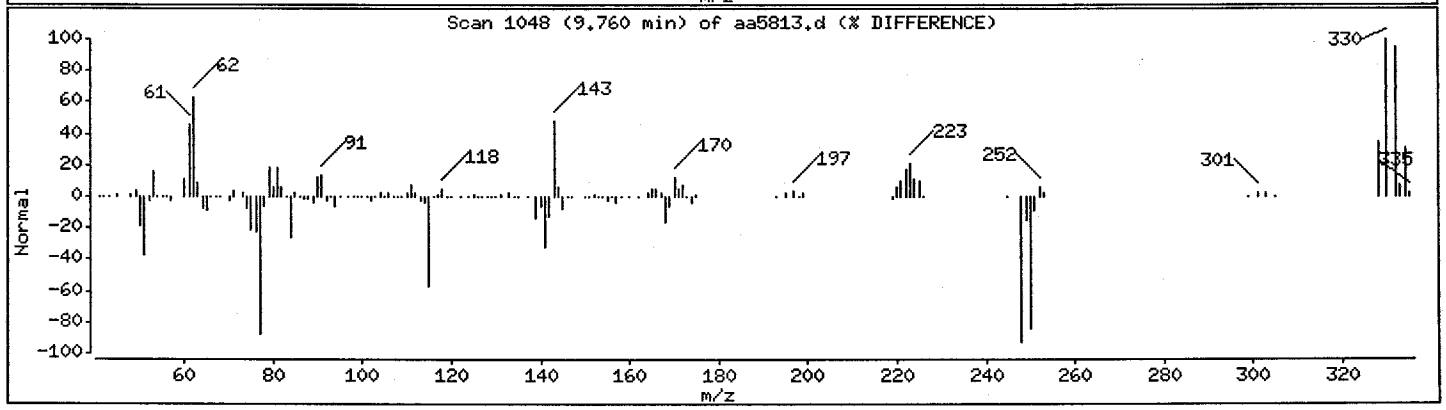
Concentration: 6.6 ug/L

FALSE POSITIVE
Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

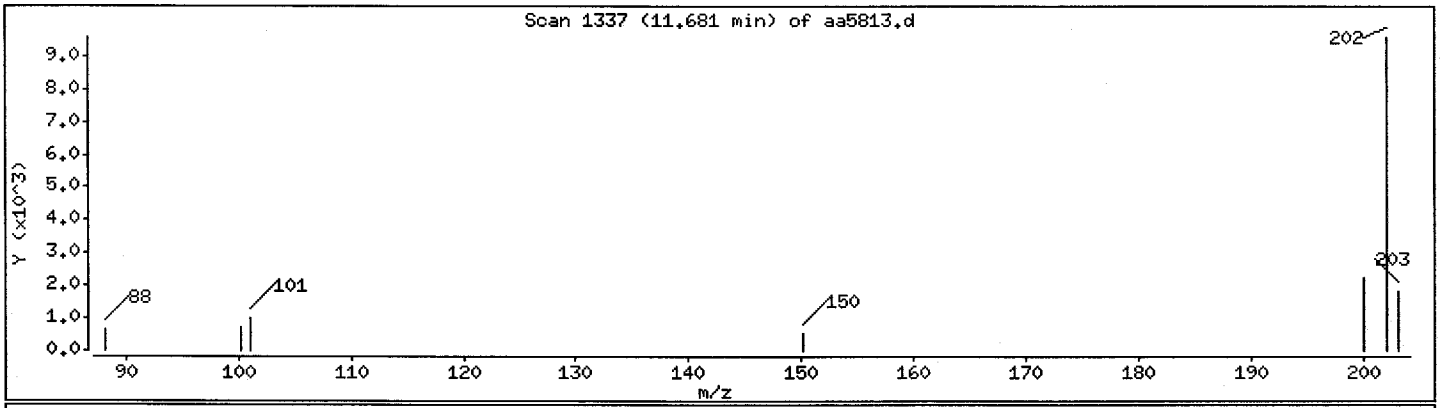
Client ID: 080508-11 Instrument: BNAMS8.i

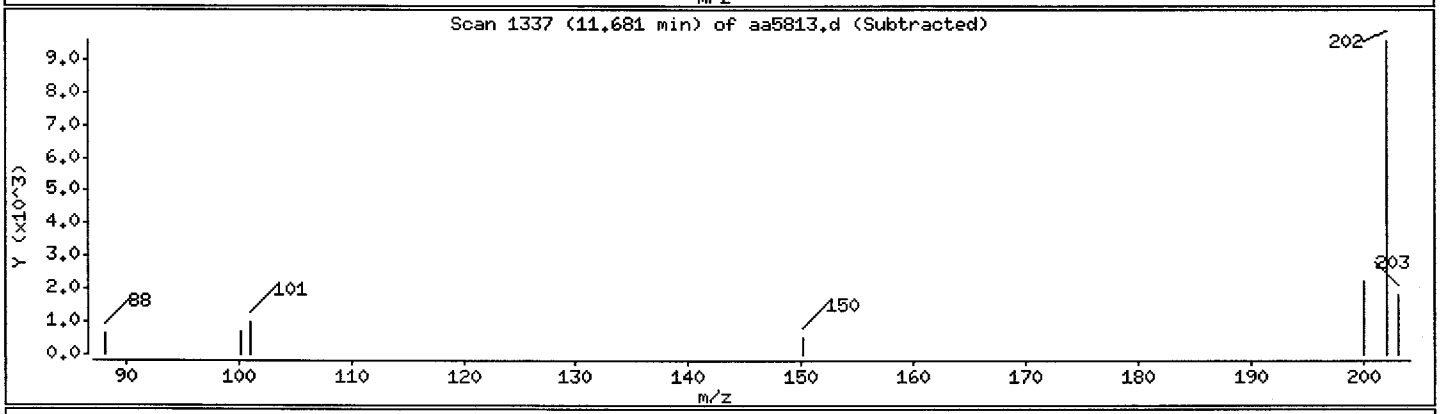
Sample Info: 940364;4447155

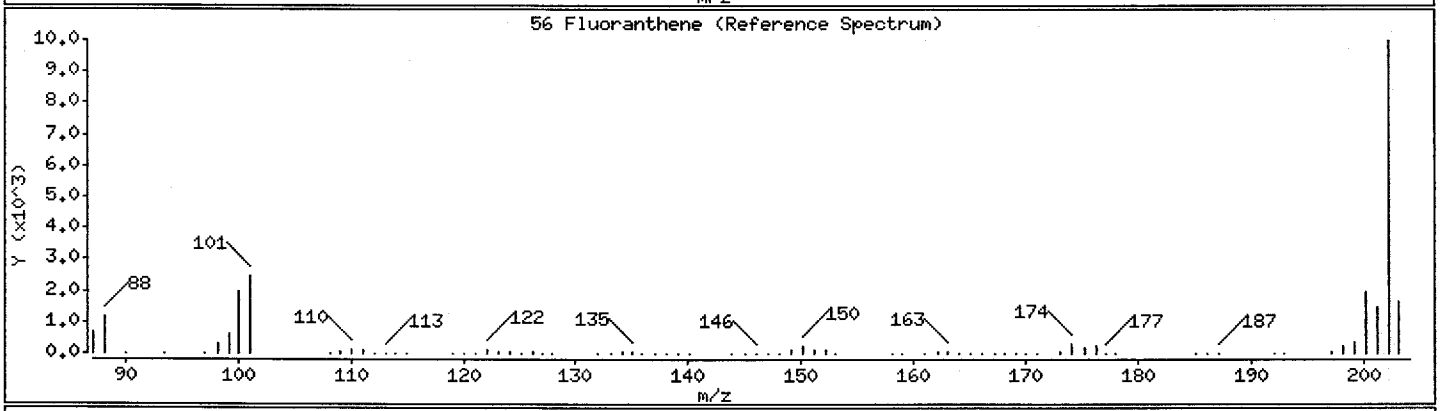
Volume Injected (uL): 1.0 Operator: BNAMS 4

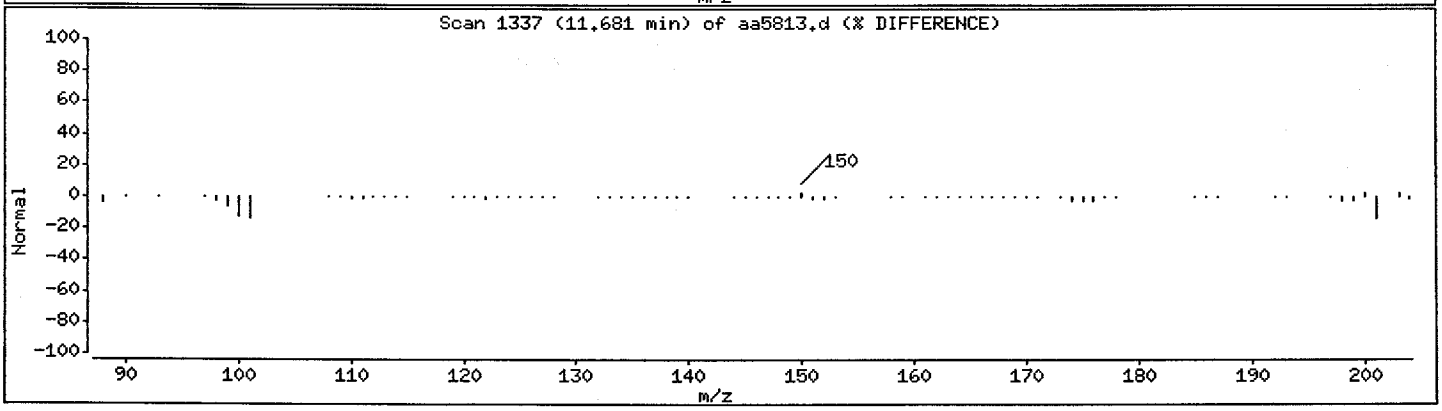
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 0.60 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

Client ID: 080508-11

Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0

Operator: BNAMS 4

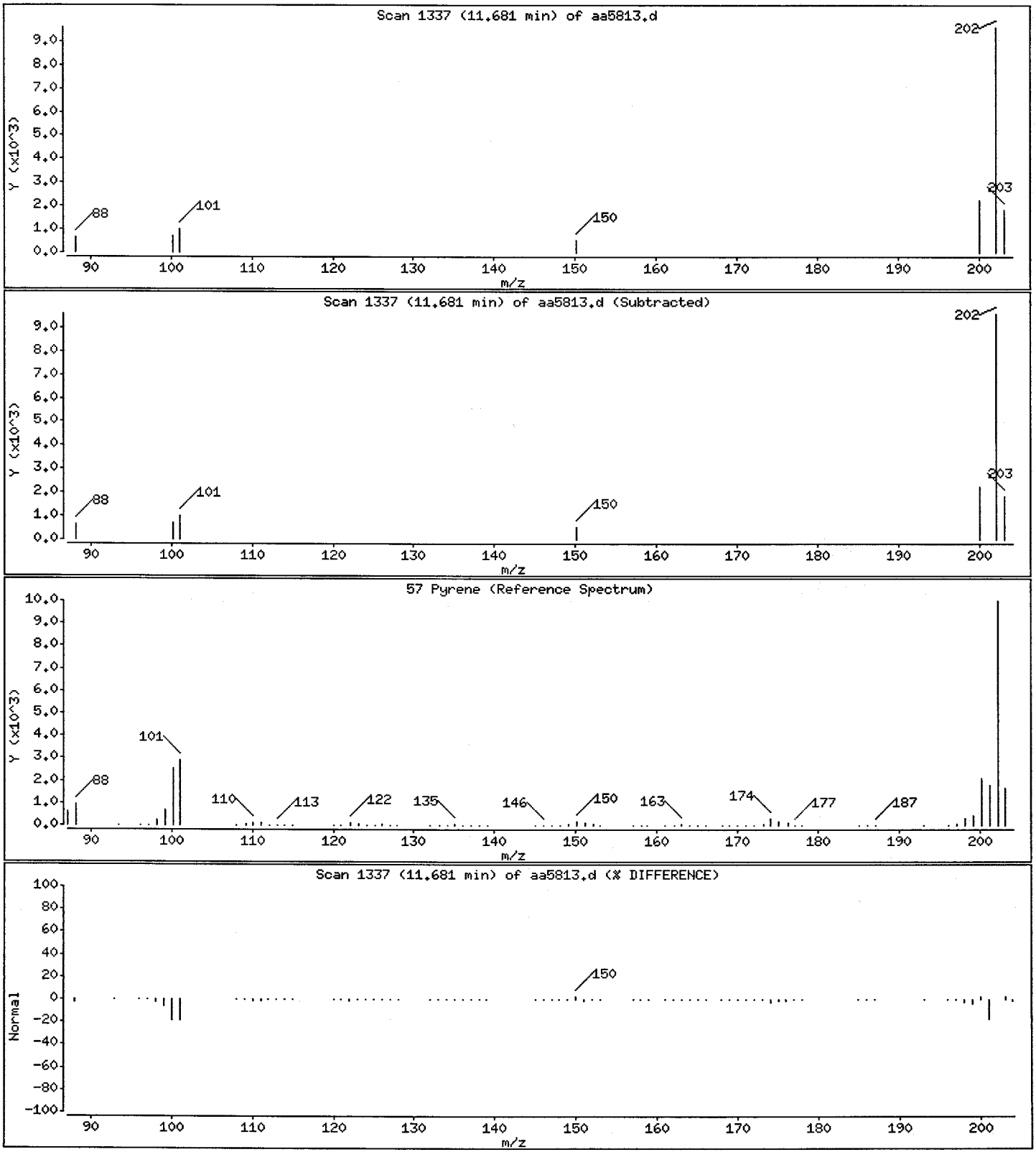
Column phase: DB-5

Column diameter: 0.25

57 Pyrene

Concentration: 0.68 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

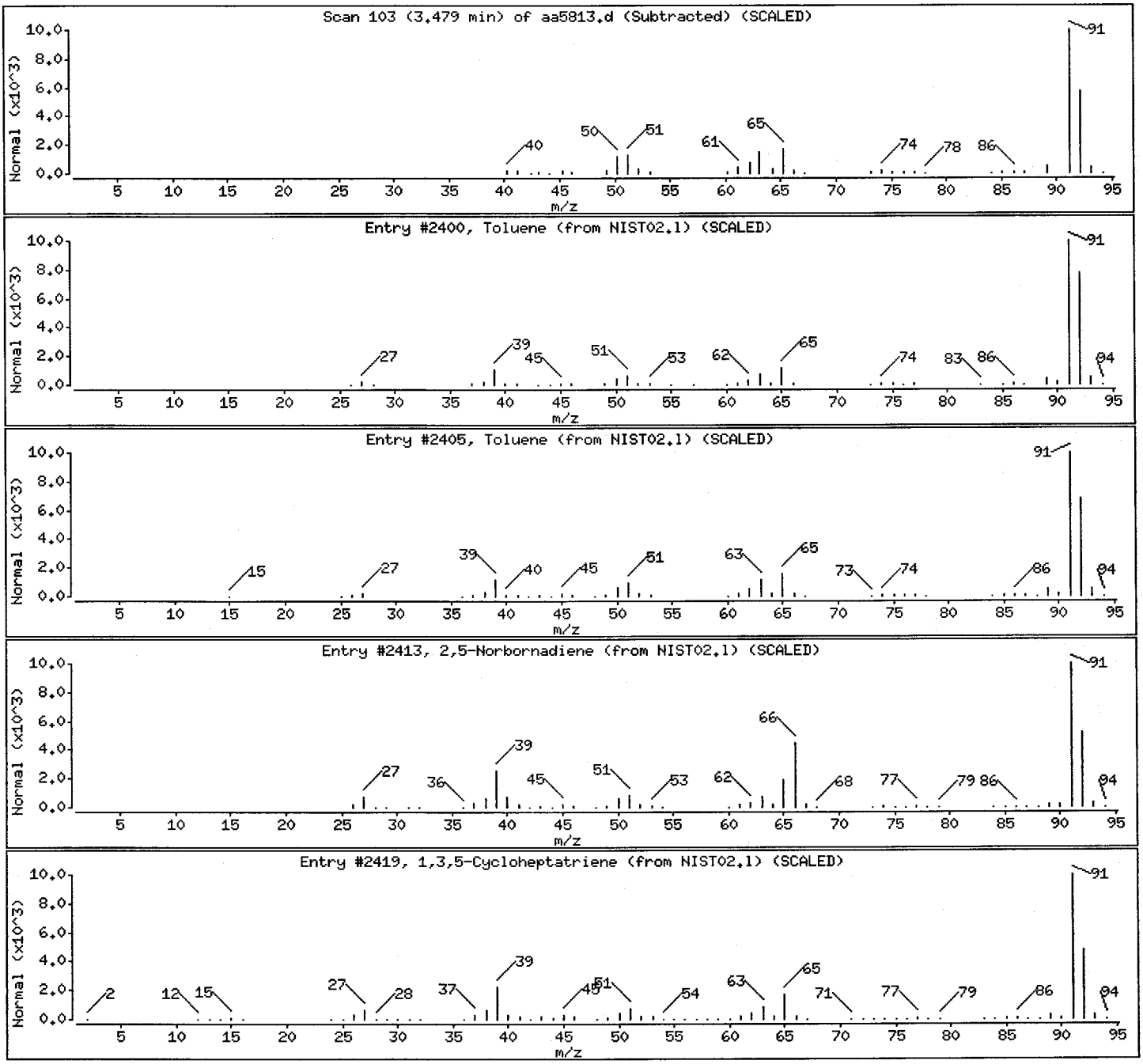
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2400	90	C7H8	92
Toluene	108-88-3	NIST02.l	2405	90	C7H8	92
2,5-Norbornadiene	121-46-0	NIST02.l	2413	86	C7H8	92
1,3,5-Cycloheptatriene	544-25-2	NIST02.l	2419	86	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

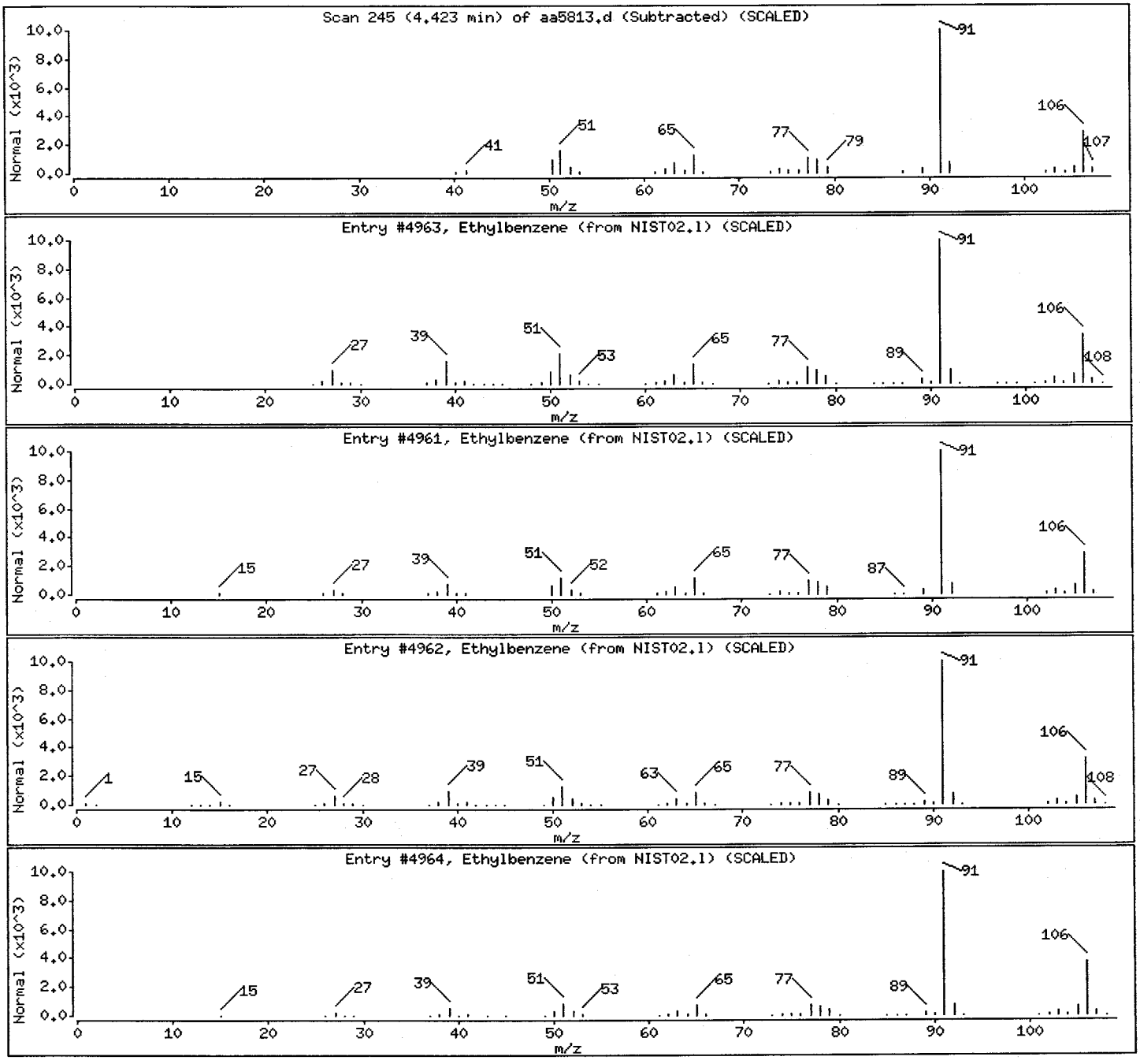
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4963	94	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	94	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	93	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

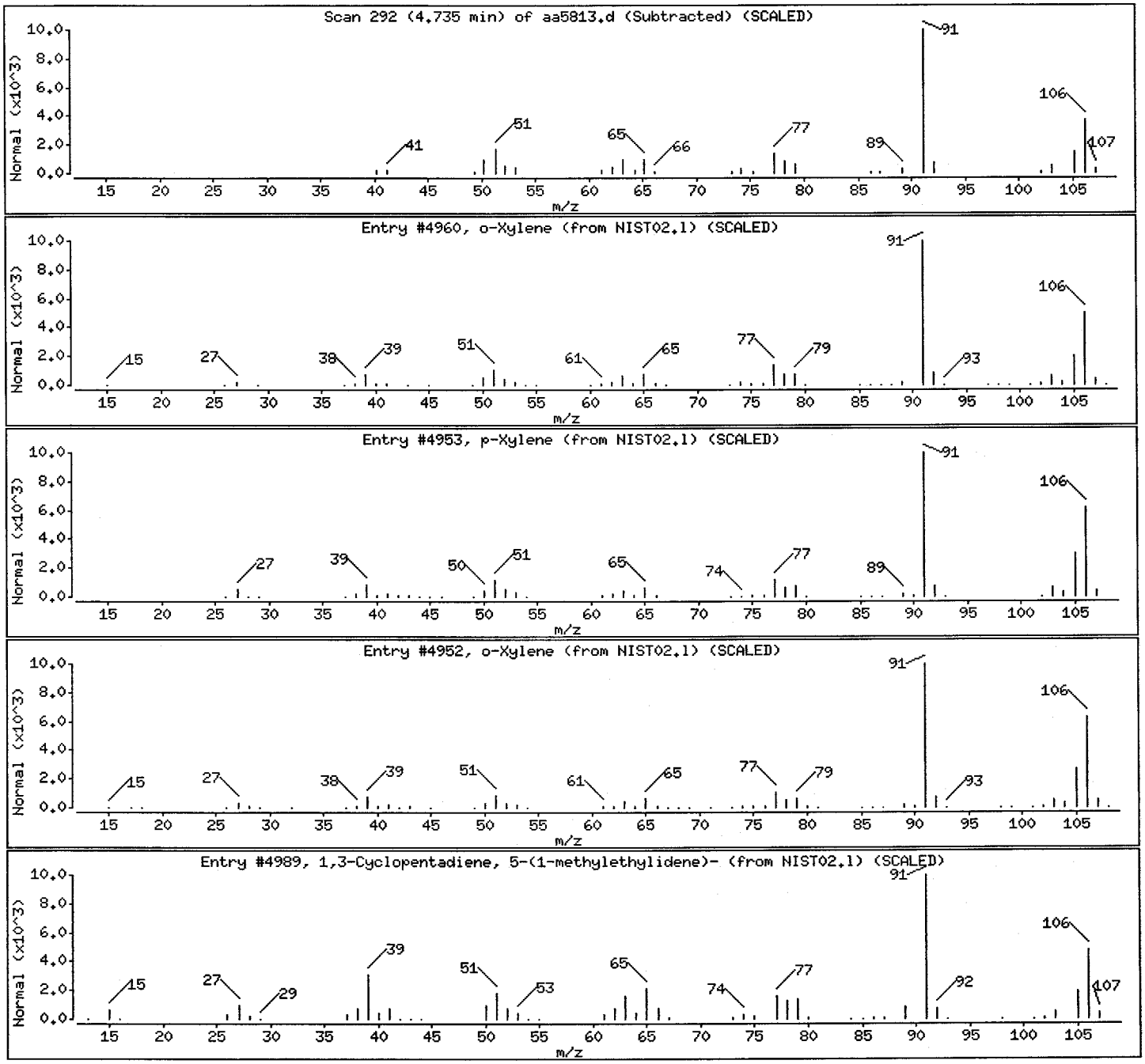
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
o-Xylene	95-47-6	NIST02.l	4960	93	C8H10	106
p-Xylene	106-42-3	NIST02.l	4953	91	C8H10	106
o-Xylene	95-47-6	NIST02.l	4952	91	C8H10	106
1,3-Cyclopentadiene, 5-(1-methylethylide	2175-91-9	NIST02.l	4989	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

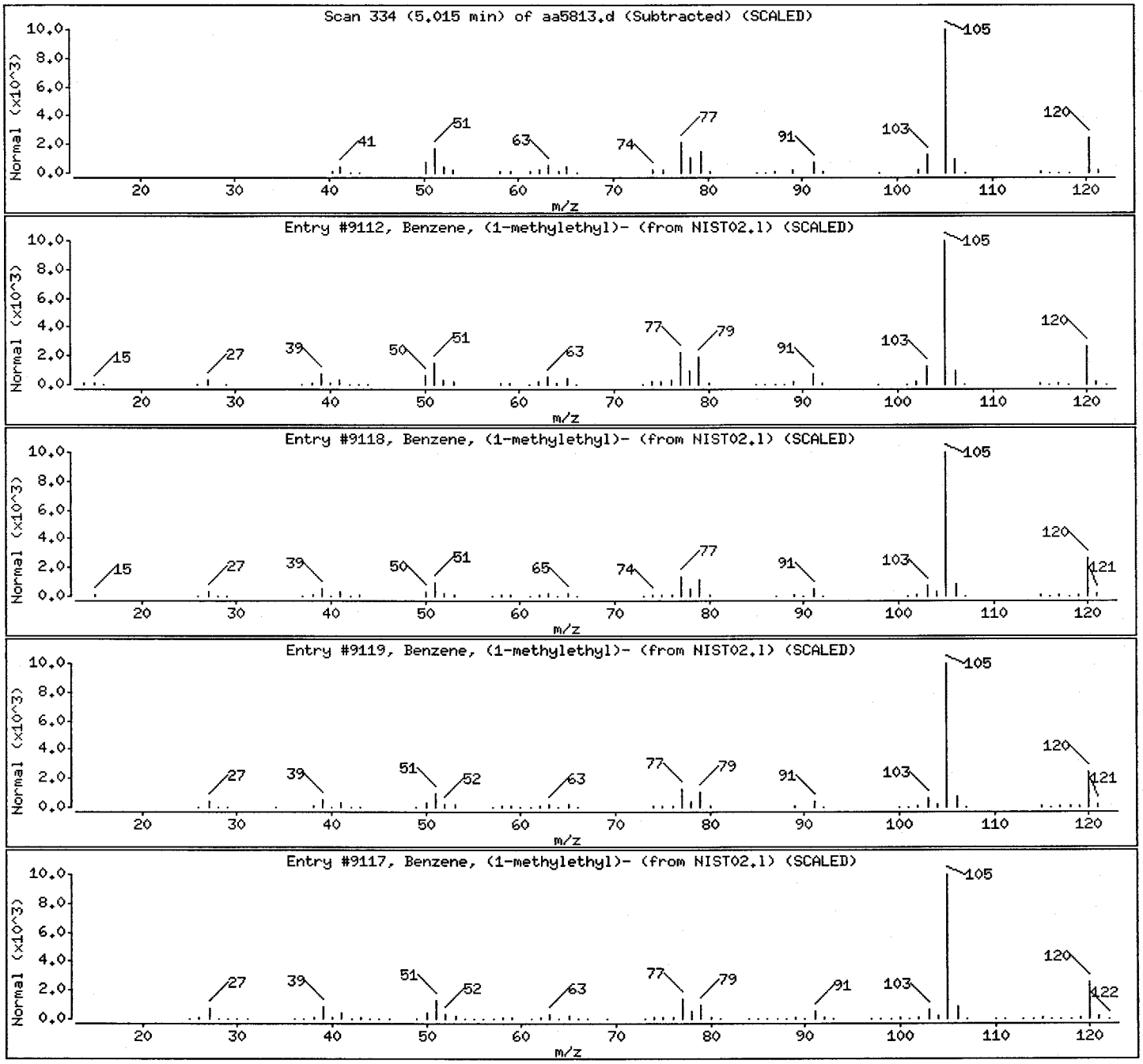
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9112	97	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	91	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	91	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9117	90	C9H12	120



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

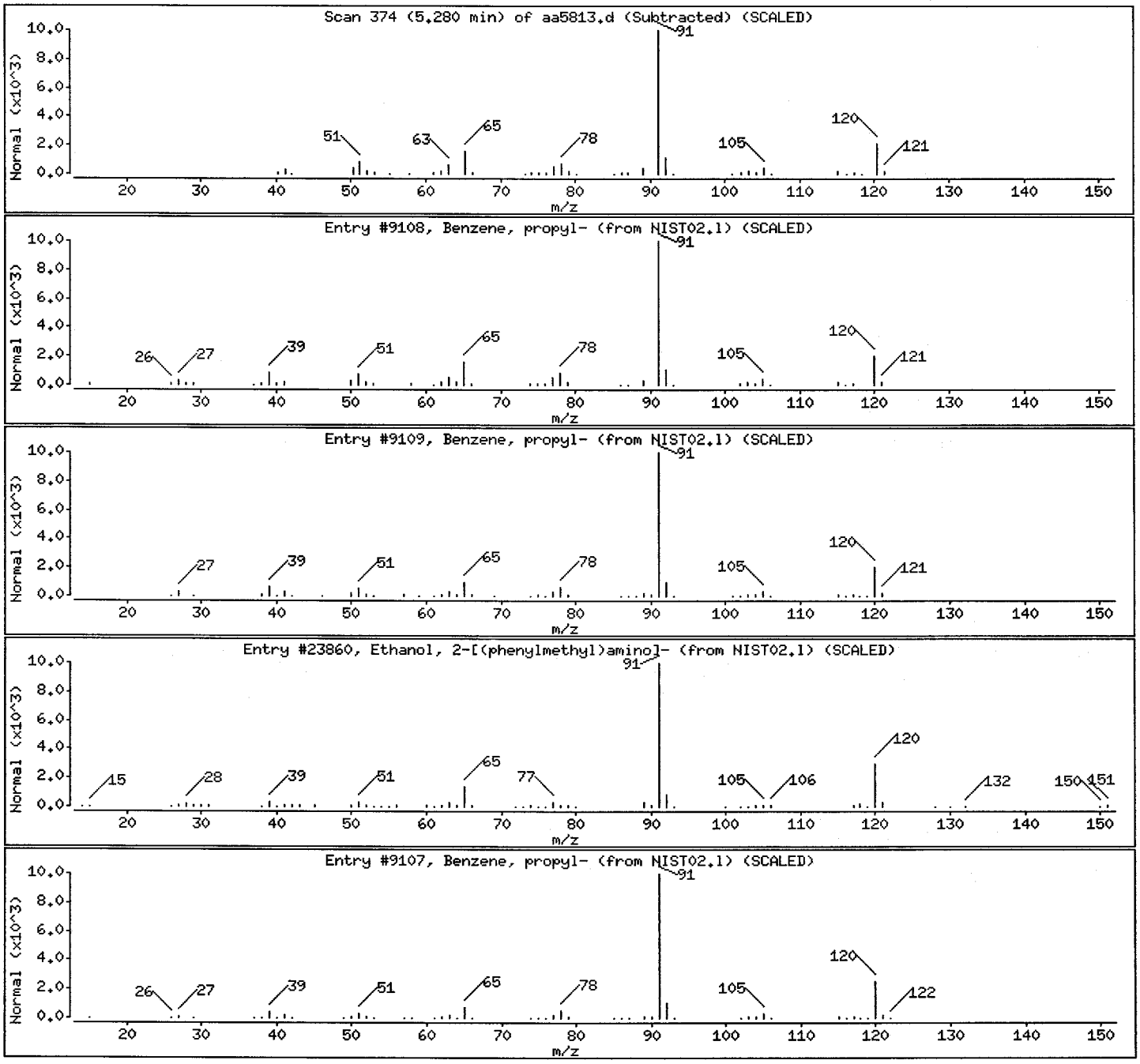
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9108	94	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9109	90	C9H12	120
Ethanol, 2-[(phenylmethyl)amino]-	104-63-2	NIST02.l	23860	72	C9H13NO	151
Benzene, propyl-	103-65-1	NIST02.l	9107	72	C9H12	120



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

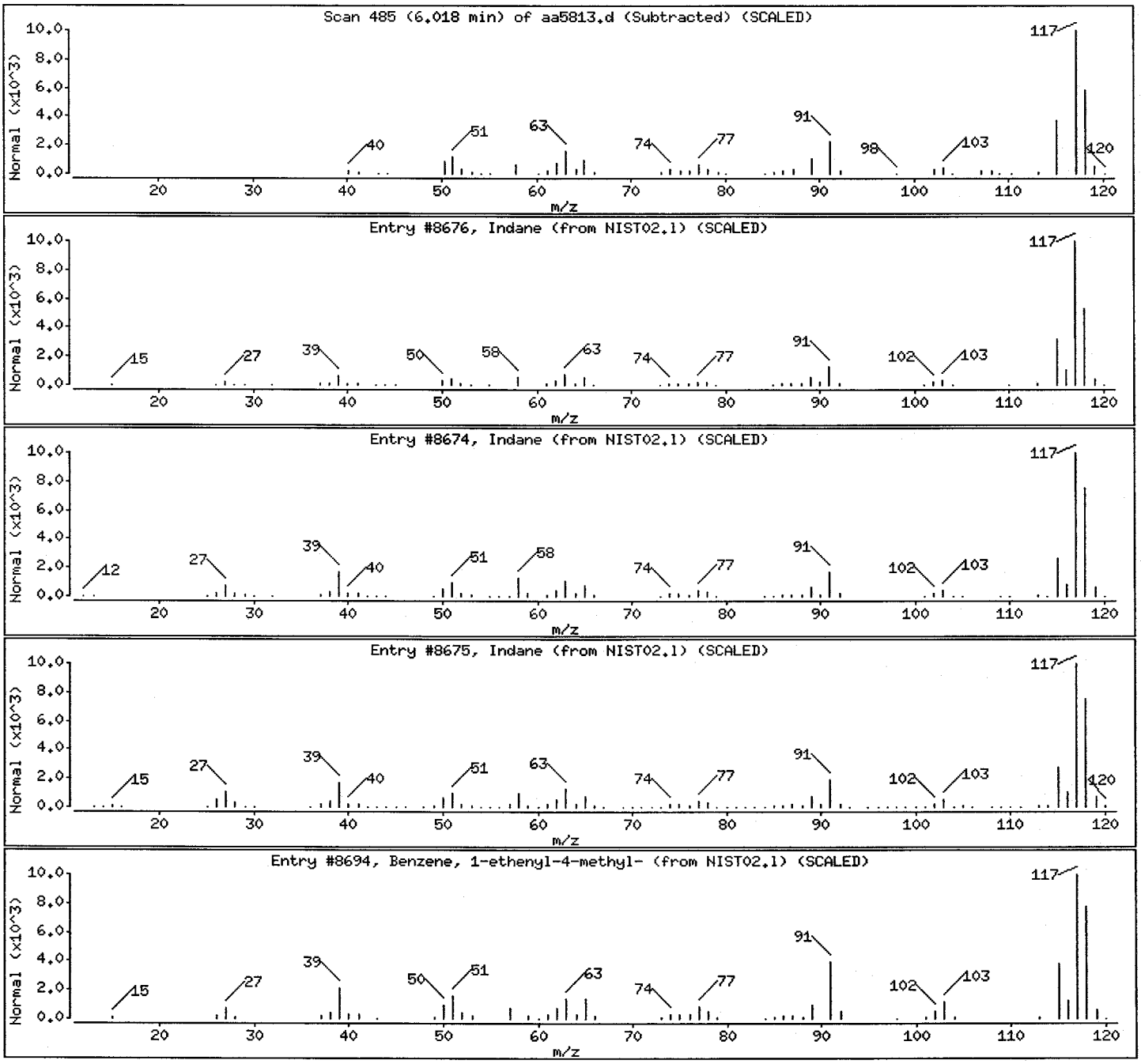
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	87	C9H10	118
Indane	496-11-7	NIST02.l	8674	83	C9H10	118
Indane	496-11-7	NIST02.l	8675	81	C9H10	118
Benzene, 1-ethenyl-4-methyl-	622-97-9	NIST02.l	8694	80	C9H10	118



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

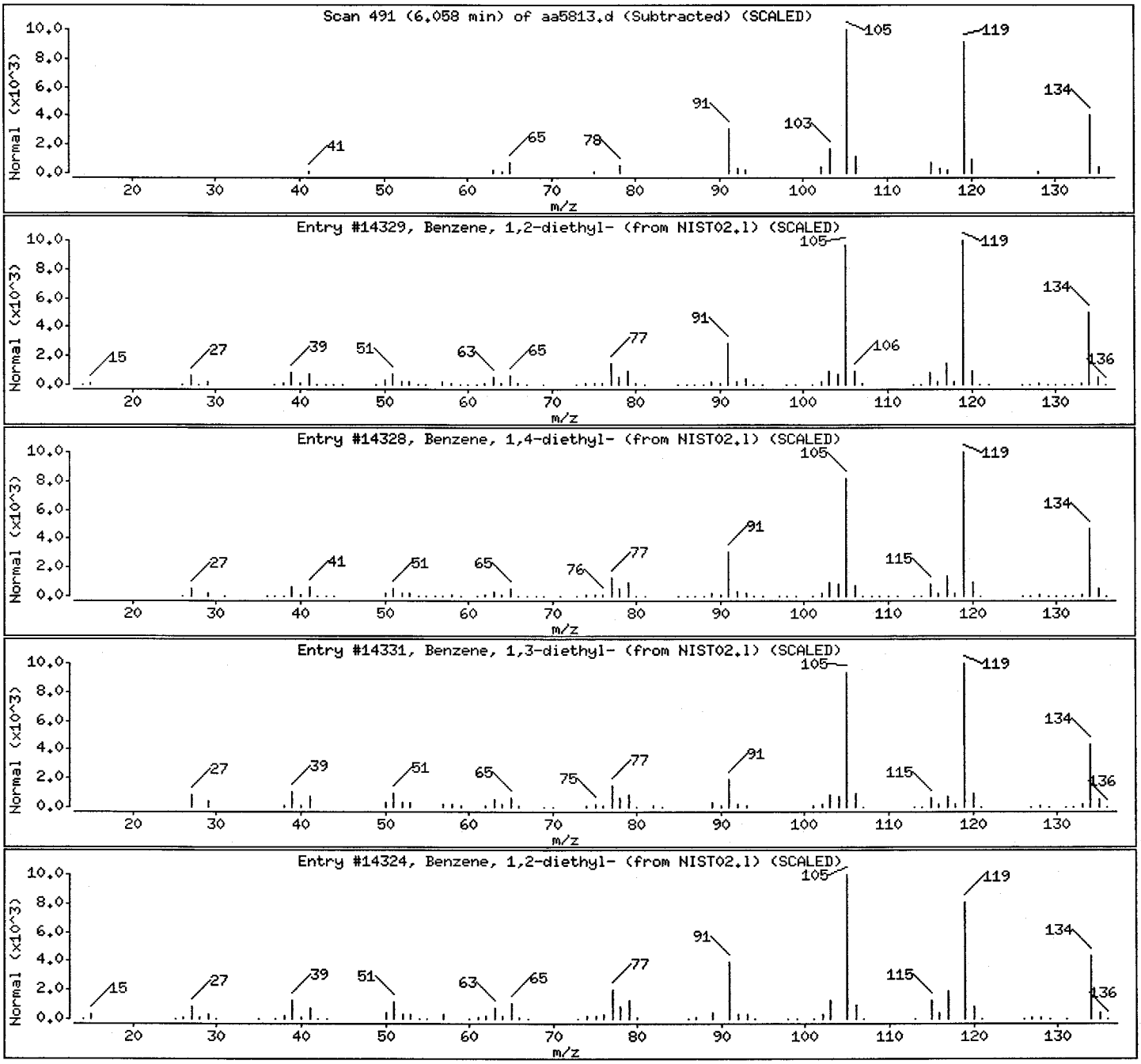
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	91	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	91	C10H14	134
Benzene, 1,3-diethyl-	141-93-5	NIST02.l	14331	91	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14324	91	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

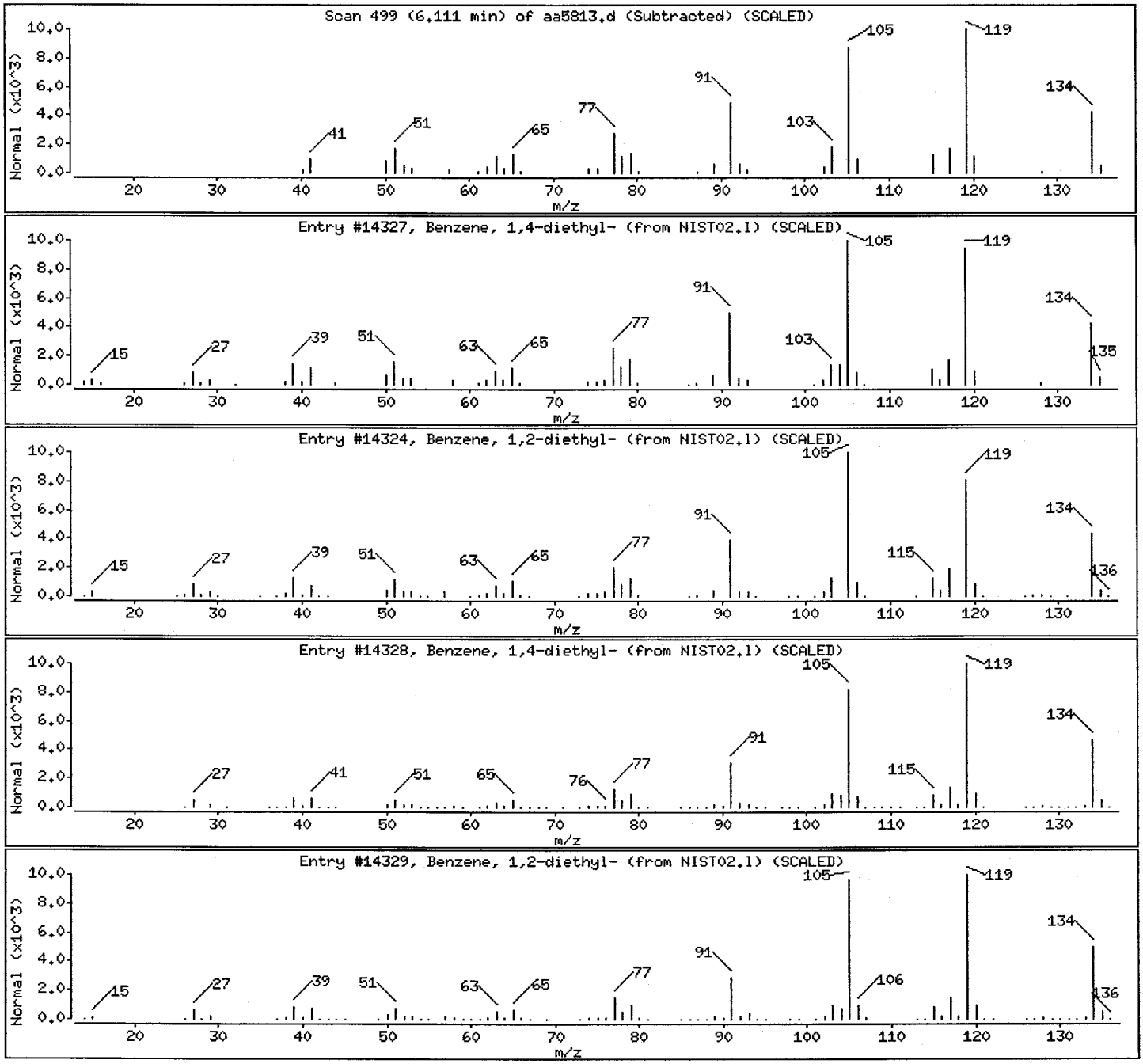
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14327	96	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14324	95	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	91	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	91	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

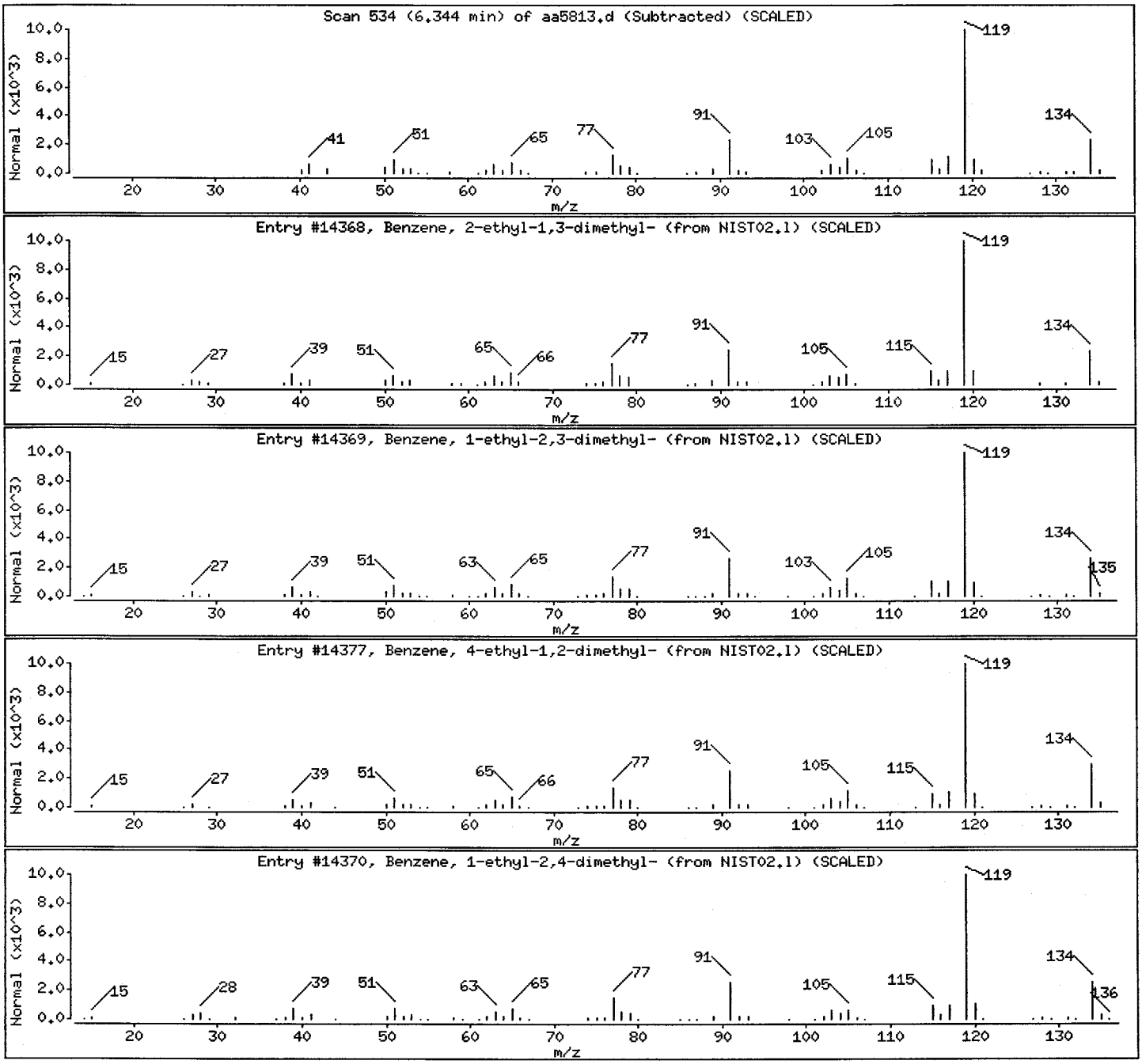
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14368	96	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	96	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	96	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

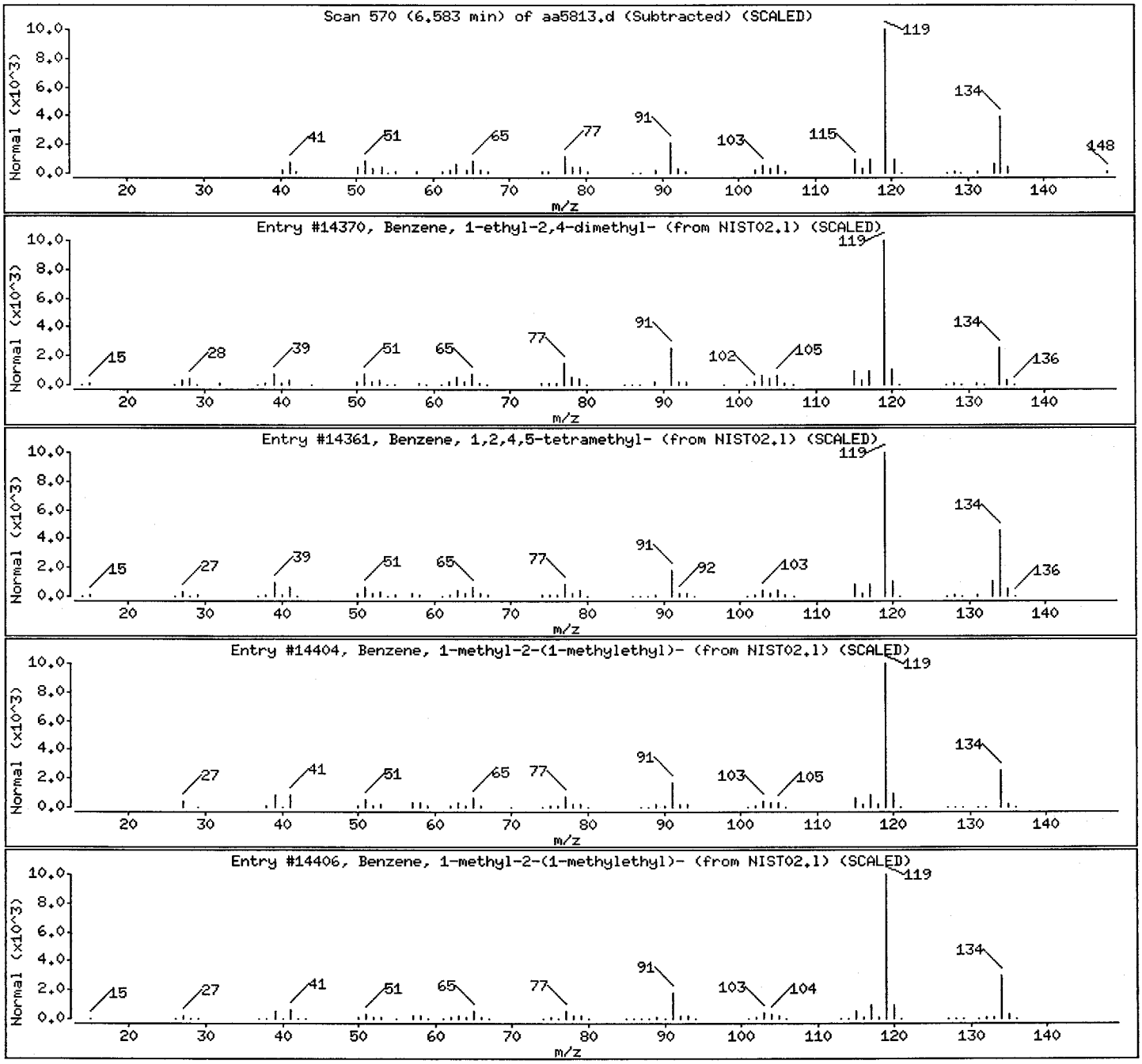
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	95	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14404	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.l	14406	94	C10H14	134



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

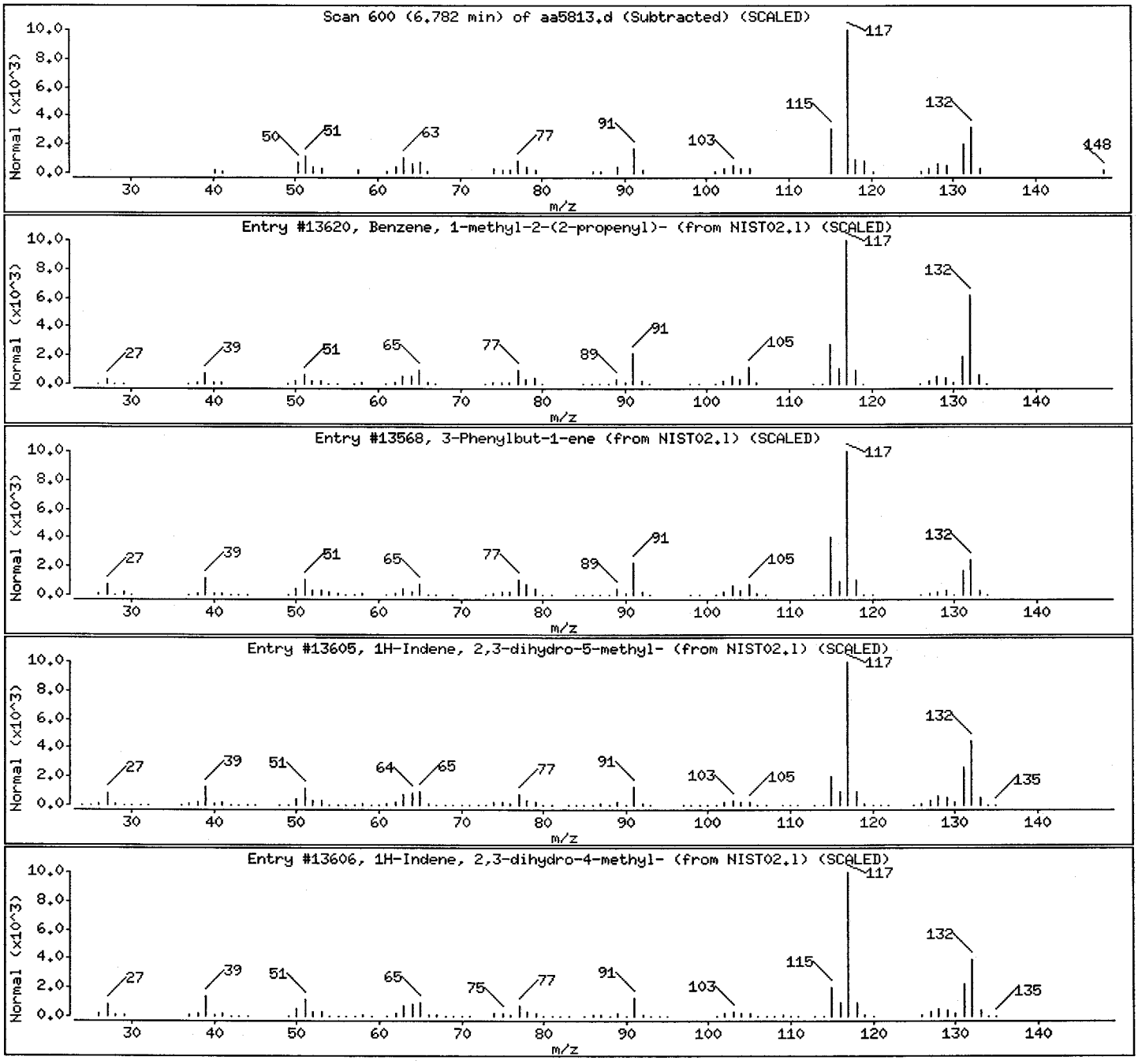
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364:4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	87	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	87	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	81	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	81	C10H12	132



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

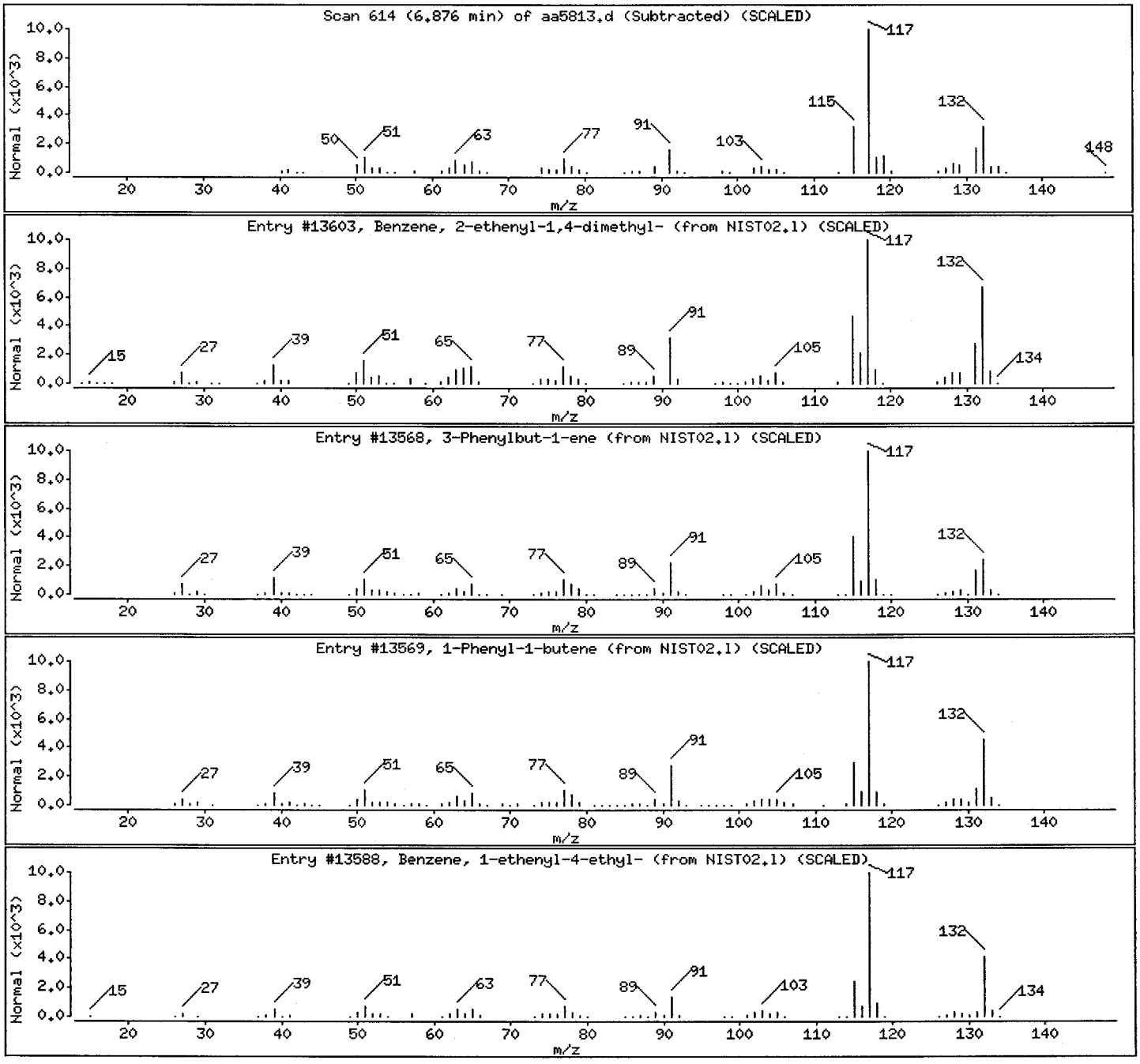
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	95	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	87	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	83	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	81	C10H12	132



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

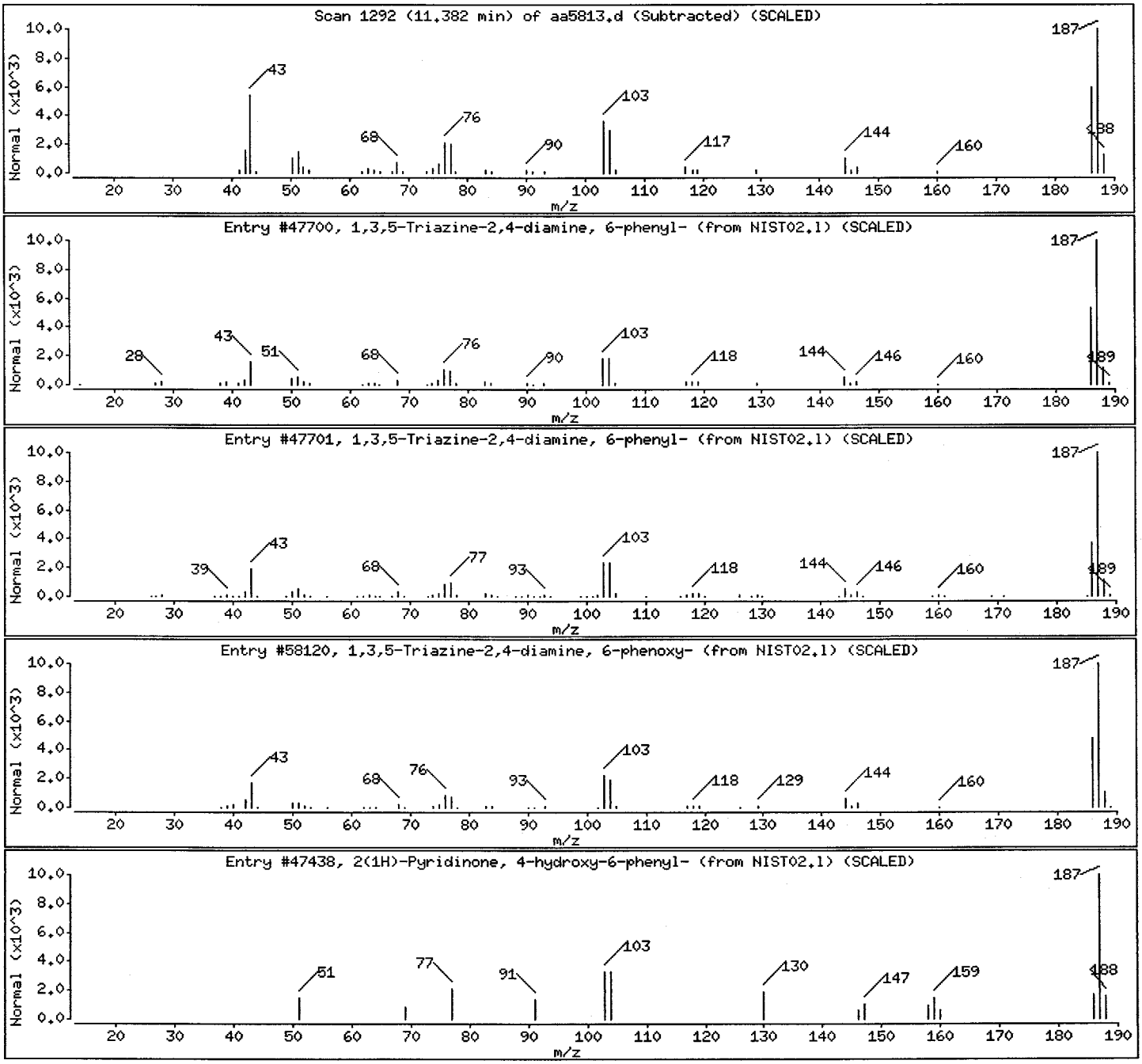
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,3,5-Triazine-2,4-diamine, 6-phenyl-	91-76-9	NIST02.l	47700	97	C9H9N5	187
1,3,5-Triazine-2,4-diamine, 6-phenyl-	91-76-9	NIST02.l	47701	87	C9H9N5	187
1,3,5-Triazine-2,4-diamine, 6-phenoxy-	1467-72-7	NIST02.l	58120	64	C9H9N5O	203
2(1H)-Pyridinone, 4-hydroxy-6-phenyl-	17424-17-8	NIST02.l	47438	58	C11H9NO2	187



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

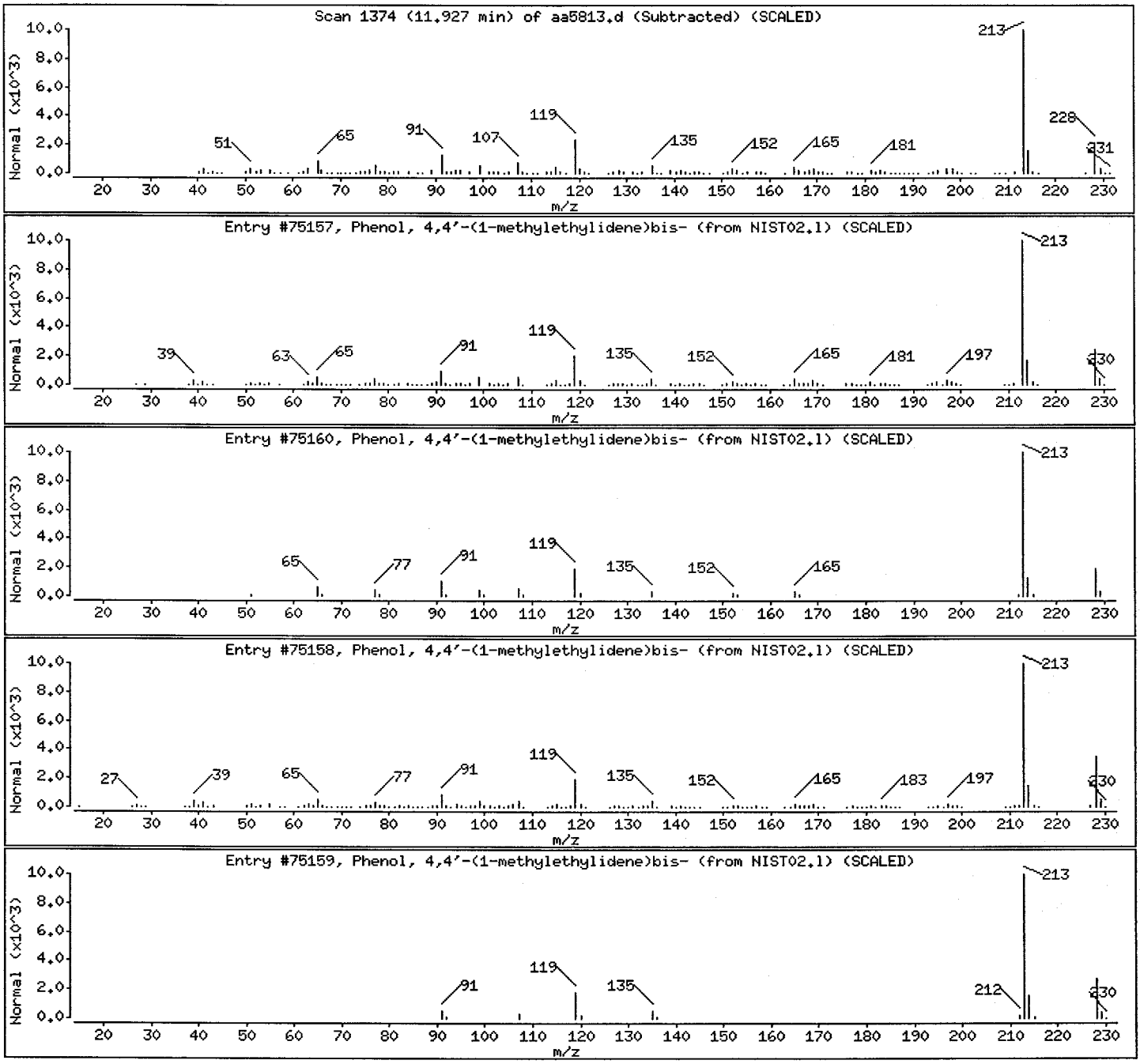
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75157	98	C15H1602	228
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75160	98	C15H1602	228
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75158	95	C15H1602	228
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75159	72	C15H1602	228



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5813.d

Date : 11-AUG-2008 01:05

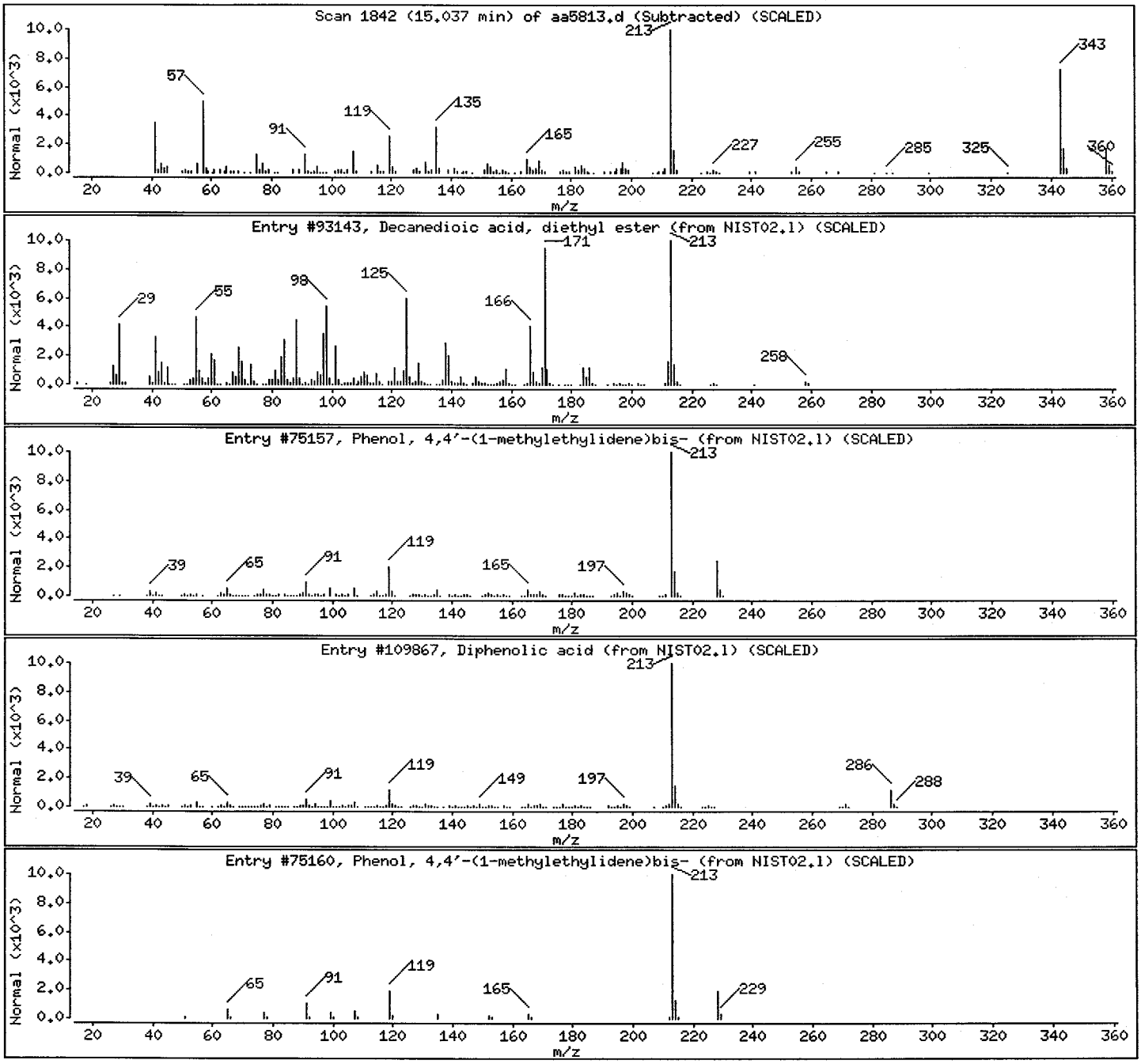
Client ID: 080508-11 Instrument: BNAMS8.i

Sample Info: 940364;4447155

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decanedioic acid, diethyl ester	110-40-7	NIST02.l	93143	46	C14H2604	258
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75157	43	C15H1602	228
Diphenolic acid	126-00-1	NIST02.l	109867	38	C17H1804	286
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	NIST02.l	75160	37	C15H1602	228



Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5816.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	32
4-Nitrophenol	ND	32
4,6-Dinitro-2-methylphenol	ND	32
Pentachlorophenol	ND	32
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5816.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-12**
Site: GM Wilmington-17338

Lab Sample No: **940365**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5816.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Unknown Alcohol	3.32	28	
2.	Toluene	3.48	46	
3.	Benzene, chloro-	4.29	110	
4.	Ethylbenzene	4.42	8.7	
5.	Methylbenzotriazole isomer	9.06	28	
6.	Methylbenzotriazole isomer	9.27	13	
7.	Unknown	11.59	17	
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	251

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d
Report Date: 23-Aug-2008 12:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d
Lab Smp Id: 940365 Client Smp ID: 080508-12
Inj Date : 11-AUG-2008 02:17
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940365;4447181
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 23-Aug-2008 12:50 rusin Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

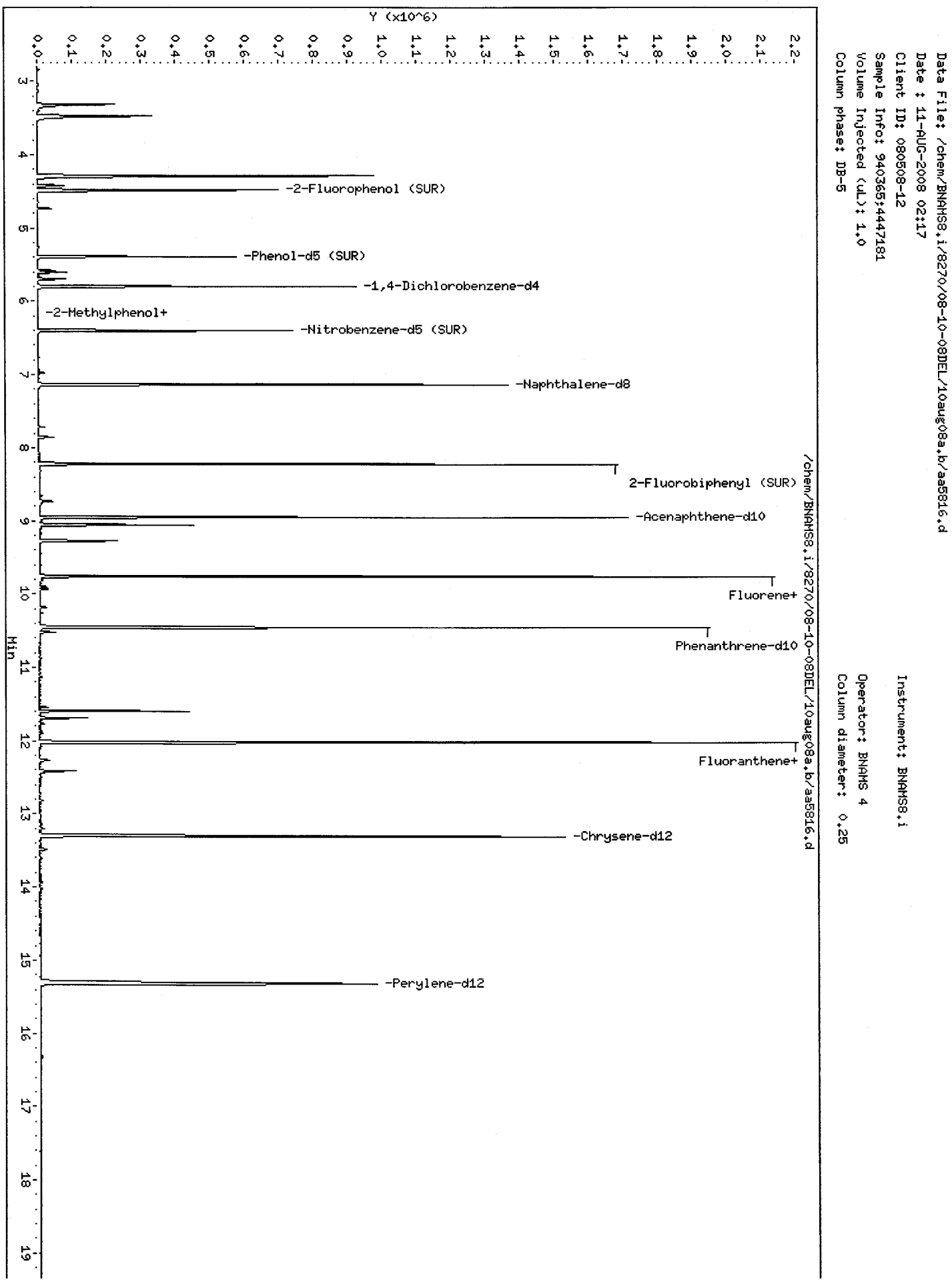
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.483	4.483	(0.773)	170299	44.8207	94
$ 17 Phenol-d5 (SUR)	99	5.393	5.401	(0.930)	152175	28.5732	60
* 79 1,4-Dichlorobenzene-d4	152	5.799	5.799	(1.000)	123150	40.0000	
~~3 2-Methylphenol~~	~~108~~	~~6.171~~	~~6.039~~	~~(1.064)~~	~~572~~	~~0.14005~~	~~0.29(a)~~
~~4 4-Methylphenol~~	~~108~~	~~6.171~~	~~6.192~~	~~(1.064)~~	~~572~~	~~0.13578~~	~~0.28(a)~~
$ 76 Nitrobenzene-d5 (SUR)	82	6.404	6.404	(0.898)	242467	39.2165	82
* 80 Naphthalene-d8	136	7.135	7.135	(1.000)	531130	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.225	8.232	(0.918)	447062	42.6968	90
* 82 Acenaphthene-d10	164	8.956	8.956	(1.000)	382394	40.0000	
~~47 Fluorene~~	~~166~~	~~9.760~~	~~9.501~~	~~(1.090)~~	~~9064~~	~~0.79915~~	~~1.7(a)~~
$ 18 2,4,6-Tribromophenol (SUR)	330	9.760	9.767	(1.090)	229163	99.2311	210
~~50 4-Bromophenyl-phenylether~~	~~248~~	~~9.760~~	~~9.953~~	~~(0.934)~~	~~15274~~	~~3.93404~~	~~8.3(a)~~
* 83 Phenanthrene-d10	188	10.451	10.459	(1.000)	635084	40.0000	
~~56 Fluoranthene~~	~~202~~	~~12.020~~	~~11.695~~	~~(1.150)~~	~~2847~~	~~0.12723~~	~~0.27~~(a)
~~57 Pyrene~~	~~202~~	~~12.020~~	~~11.934~~	~~(0.904)~~	~~2847~~	~~0.14313~~	~~0.30(a)~~

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d
Report Date: 23-Aug-2008 12:56

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 78 Terphenyl-d14	244	12.020	12.020	(0.904)	676486	43.8125	92
* 81 Chrysene-d12	240	13.303	13.310	(1.000)	693269	40.0000	
* 84 Perylene-d12	264	15.316	15.324	(1.000)	584658	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d
Date : 11-AUG-2008 02:17
Client ID: 080508-12
Sample Info: 940365;4447181
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-2-Methylphenol+
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Fluoranthene+
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d
Min

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

Client ID: 080508-12

Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0

Operator: BNAMS 4

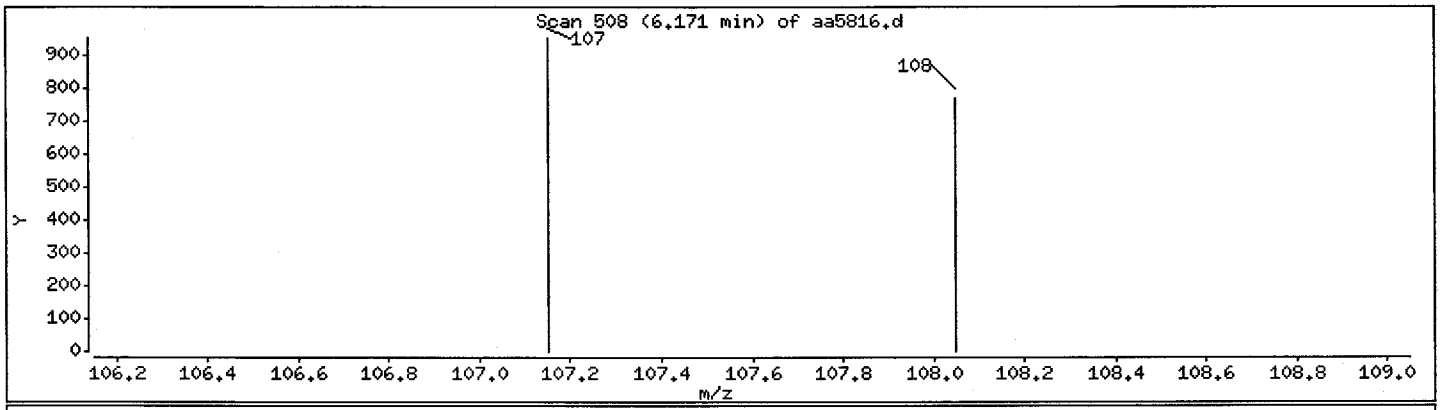
Column phase: DB-5

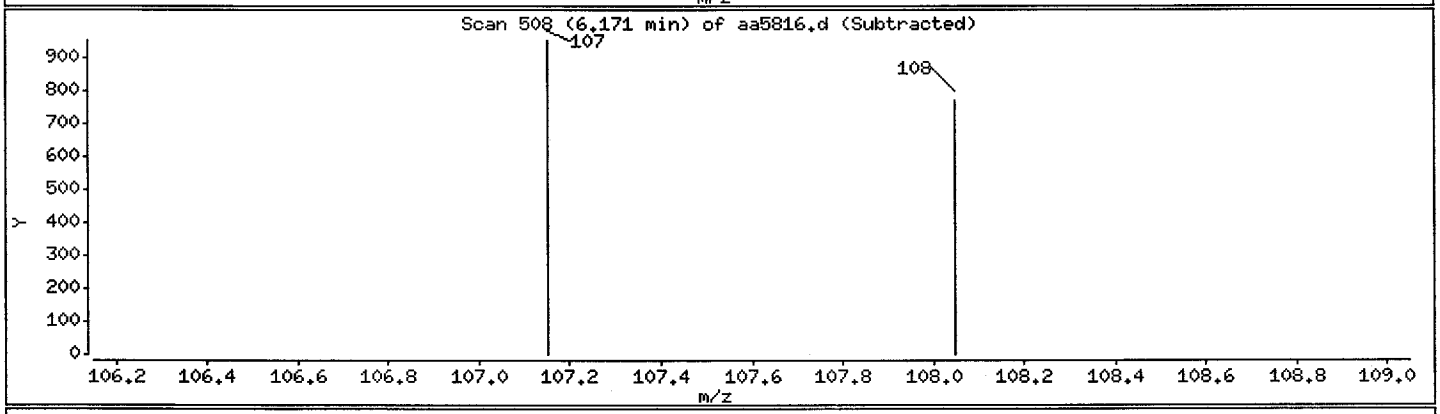
Column diameter: 0.25

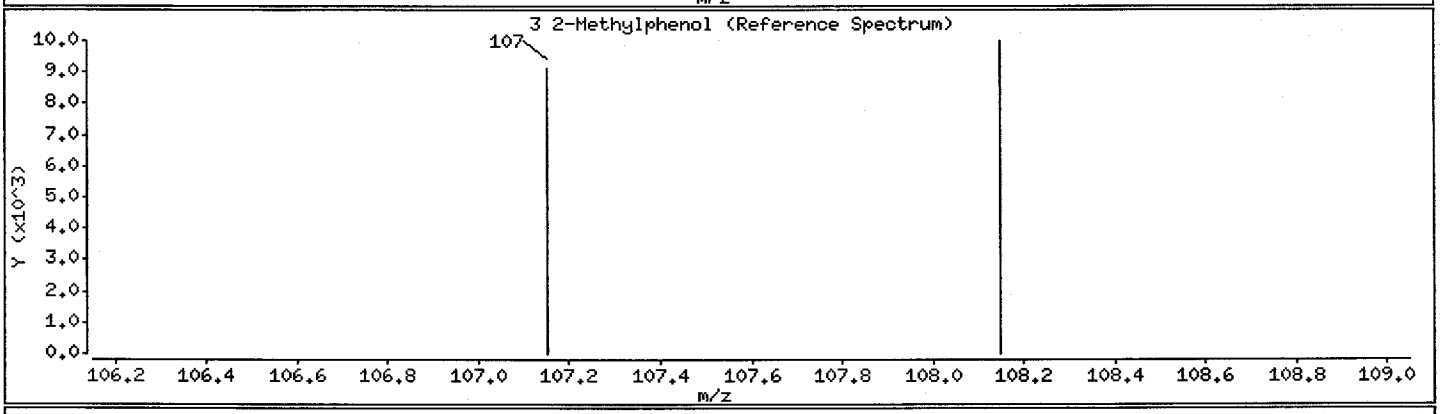
FALSE POSITIVE

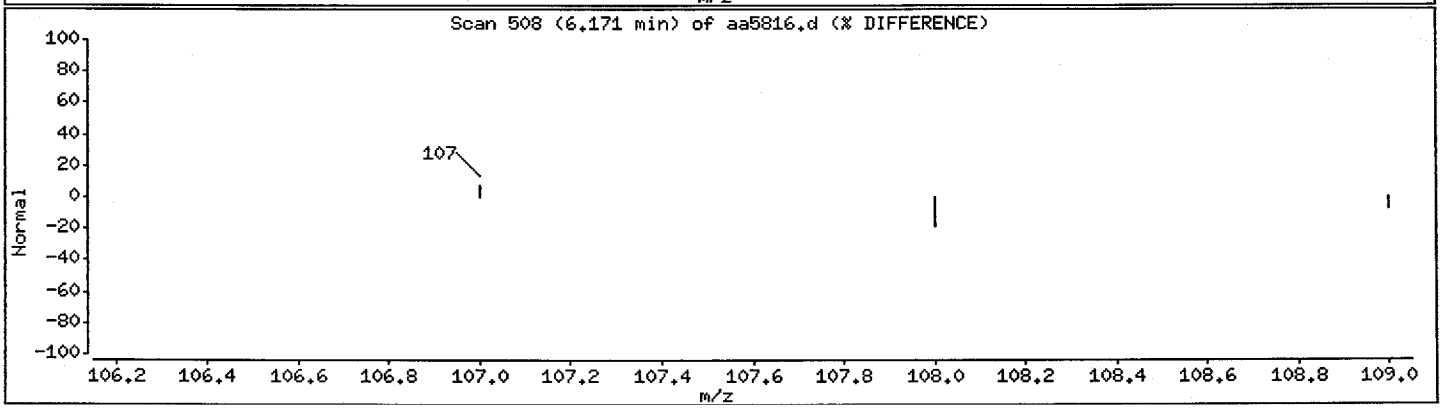
3 2-Methylphenol

Concentration: 0.29 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

Client ID: 080508-12 Instrument: BNAMS8.i

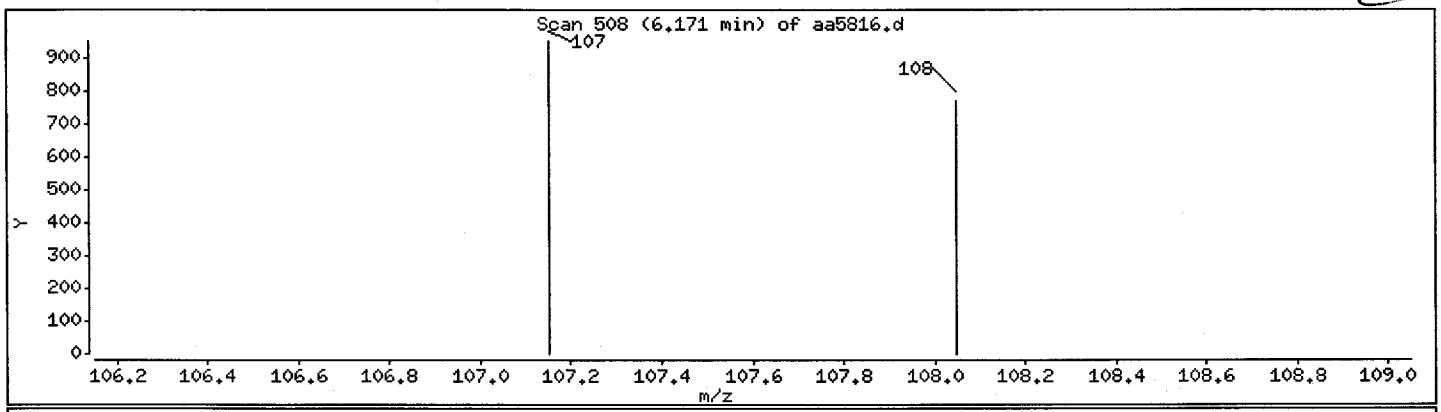
Sample Info: 940365;4447181

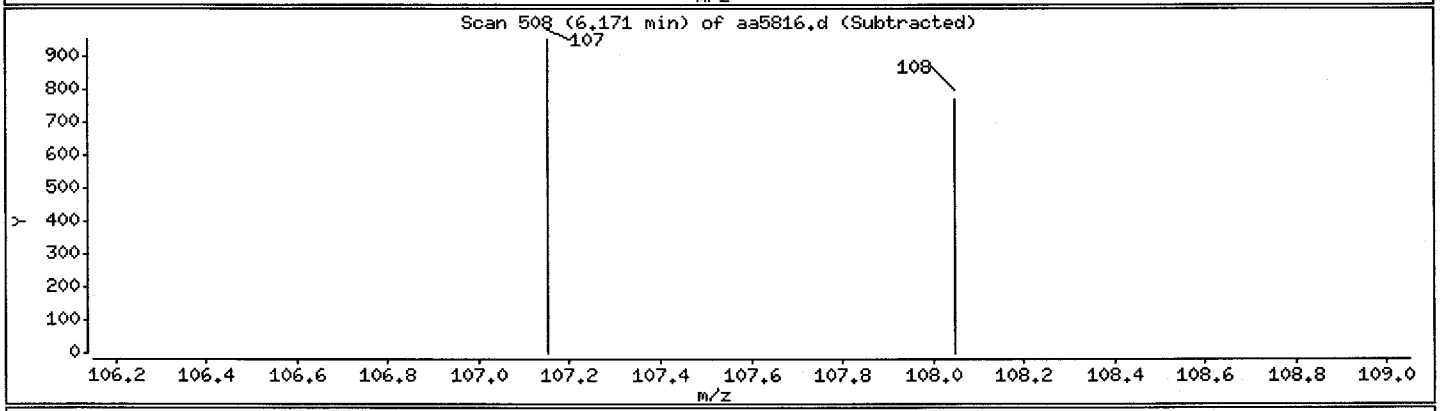
Volume Injected (uL): 1.0 Operator: BNAMS 4

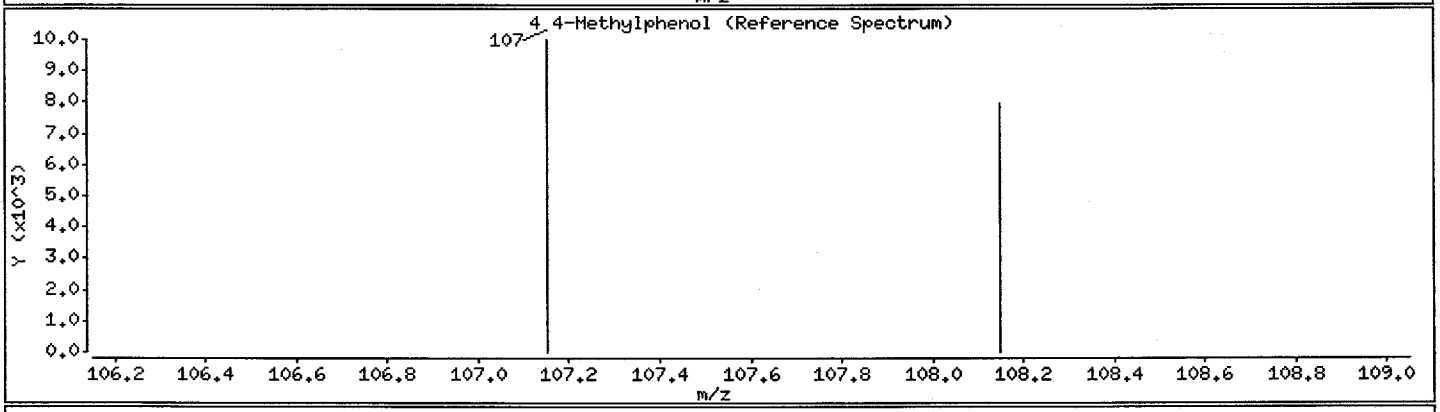
Column phase: DB-5 Column diameter: 0.25

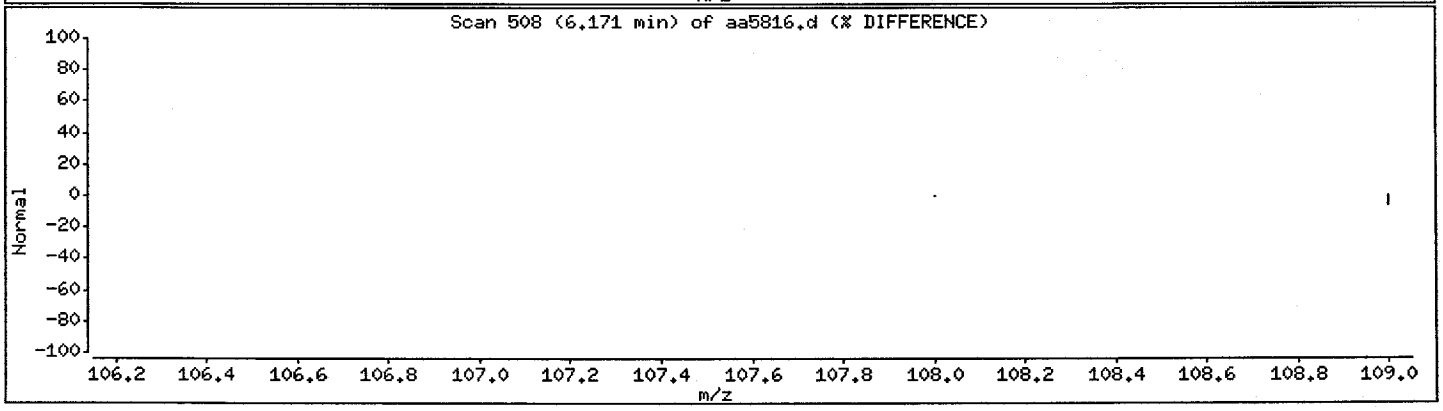
4 4-Methylphenol Concentration: 0.28 ug/L

False Pos. WJ









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

Client ID: 080508-12

Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0

Operator: BNAMS 4

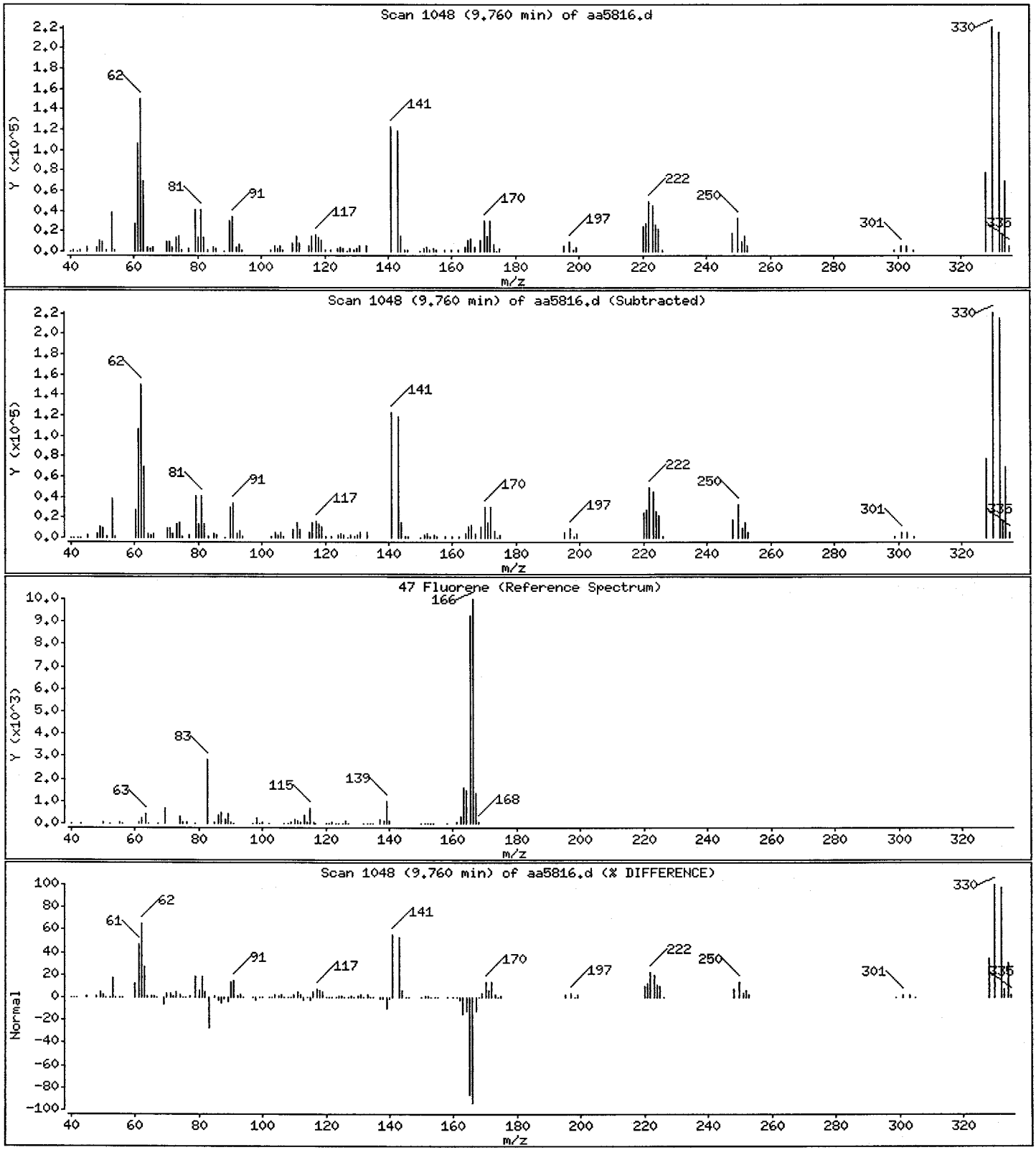
Column phase: DB-5

Column diameter: 0.25

FALSE POSITIVE
Init.

47 Fluorene

Concentration: 1.7 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

Client ID: 080508-12

Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0

Operator: BNAMS 4

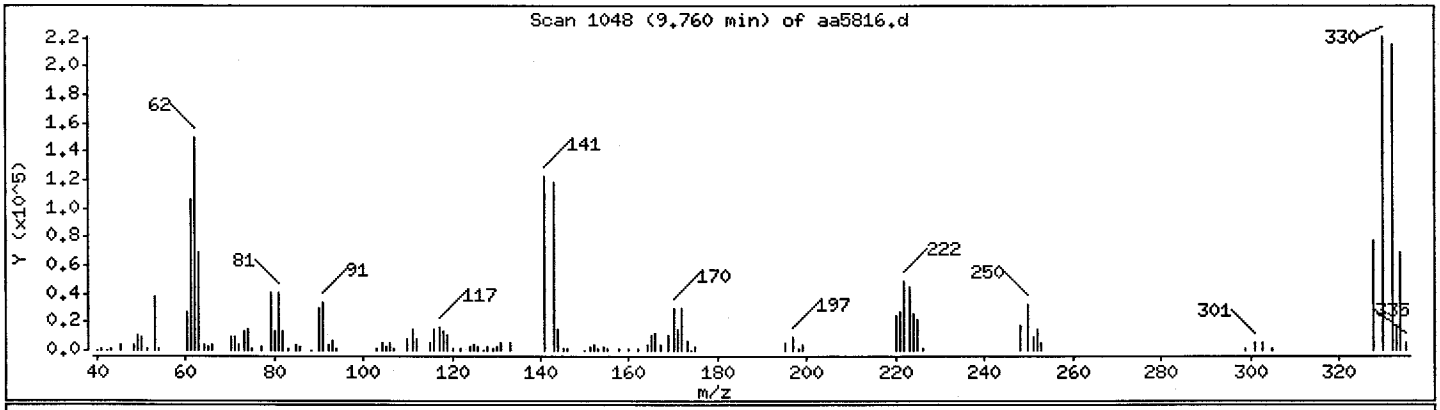
Column phase: DB-5

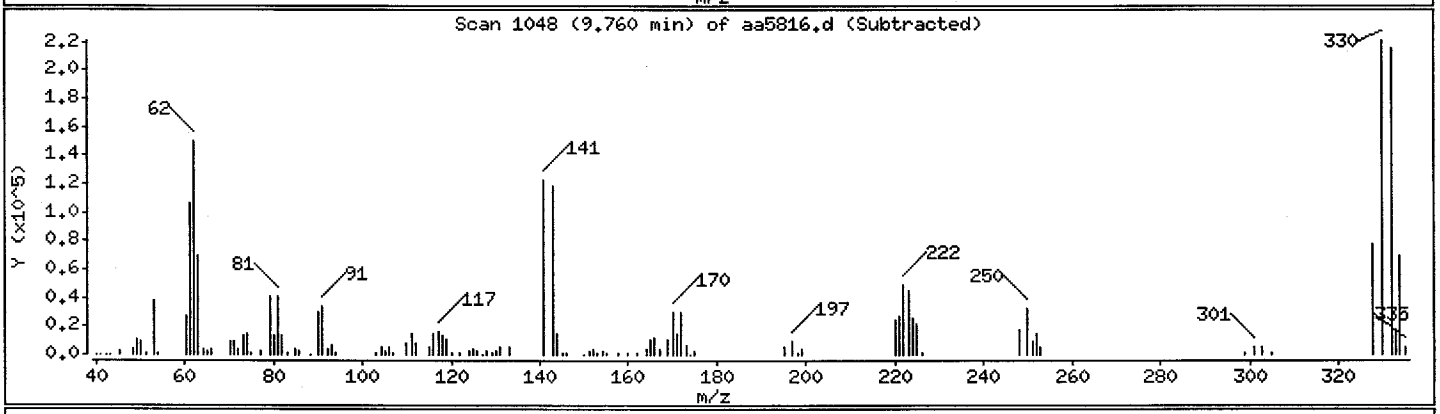
Column diameter: 0.25

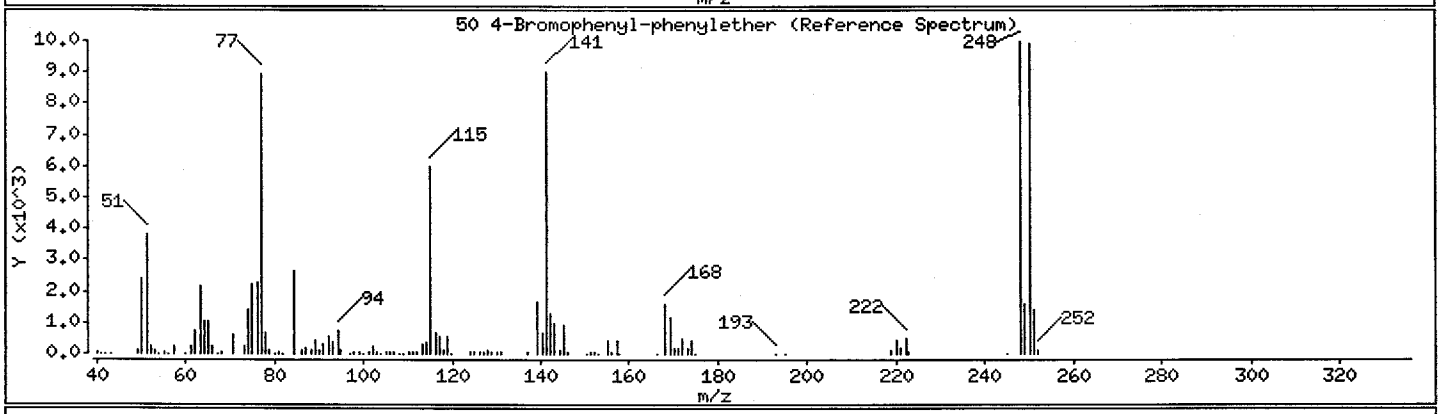
FALSE POSITIVE
Init.

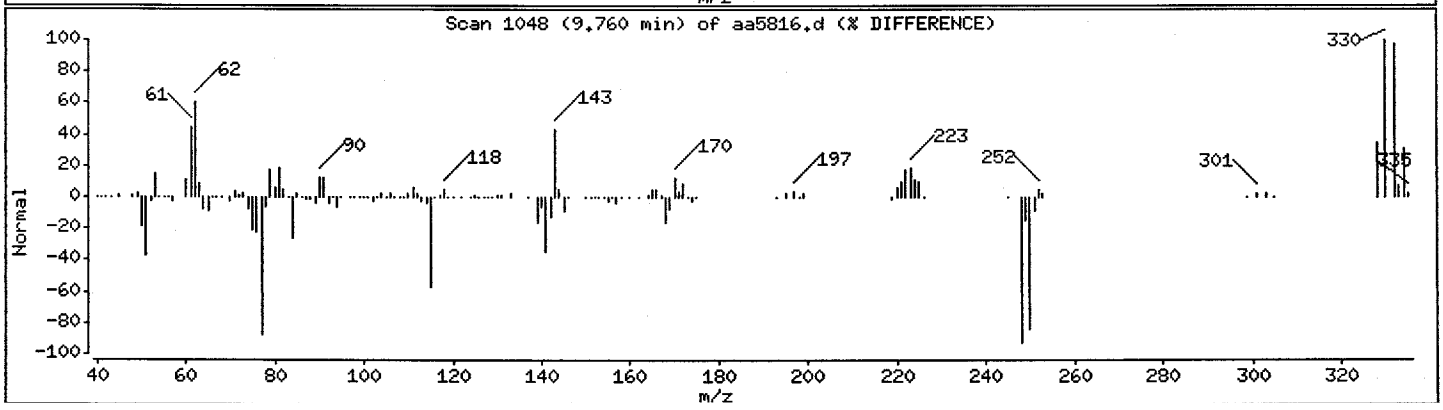
50 4-Bromophenyl-phenylether

Concentration: 8.3 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

Client ID: 080508-12

Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0

Operator: BNAMS 4

Column phase: DB-5

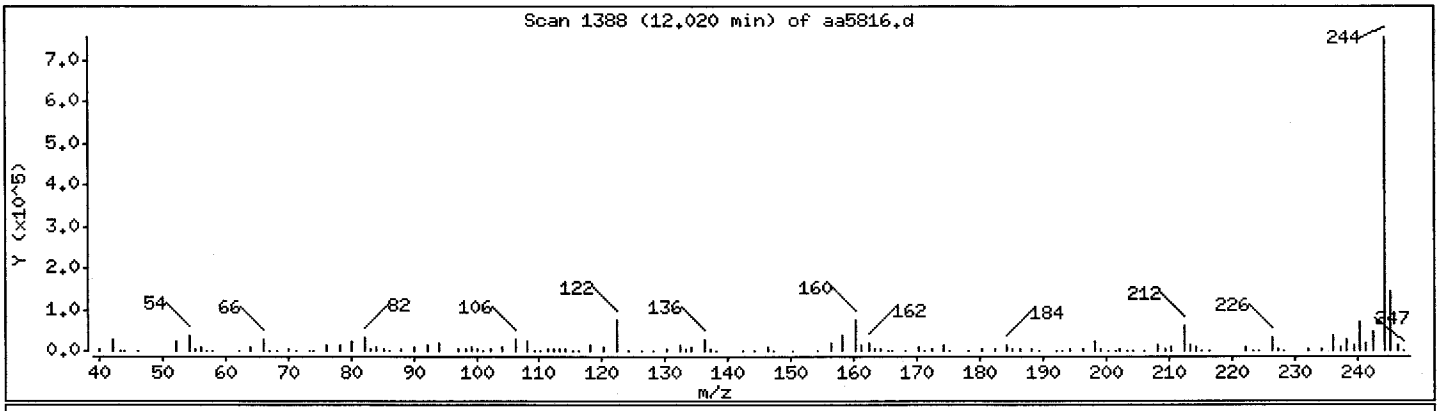
Column diameter: 0.25

56 Fluoranthene

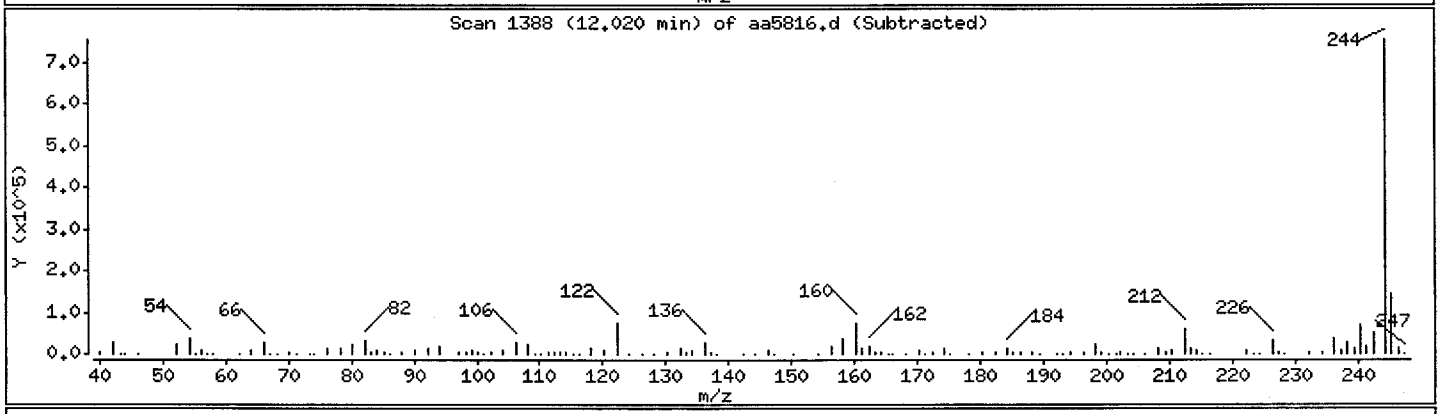
Concentration: 0.27 ug/L

FALSE POSITIVE

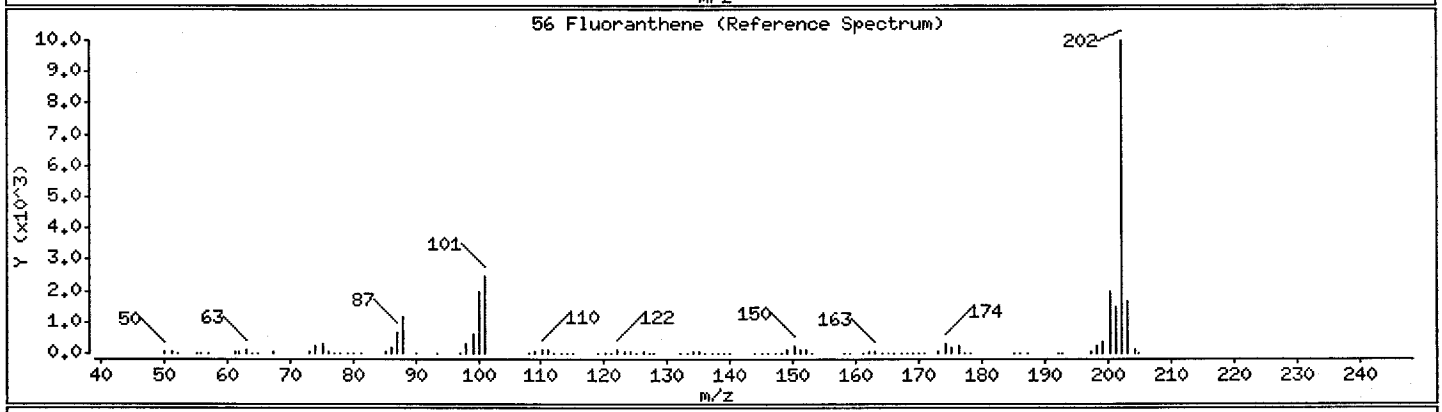
Scan 1388 (12.020 min) of aa5816.d



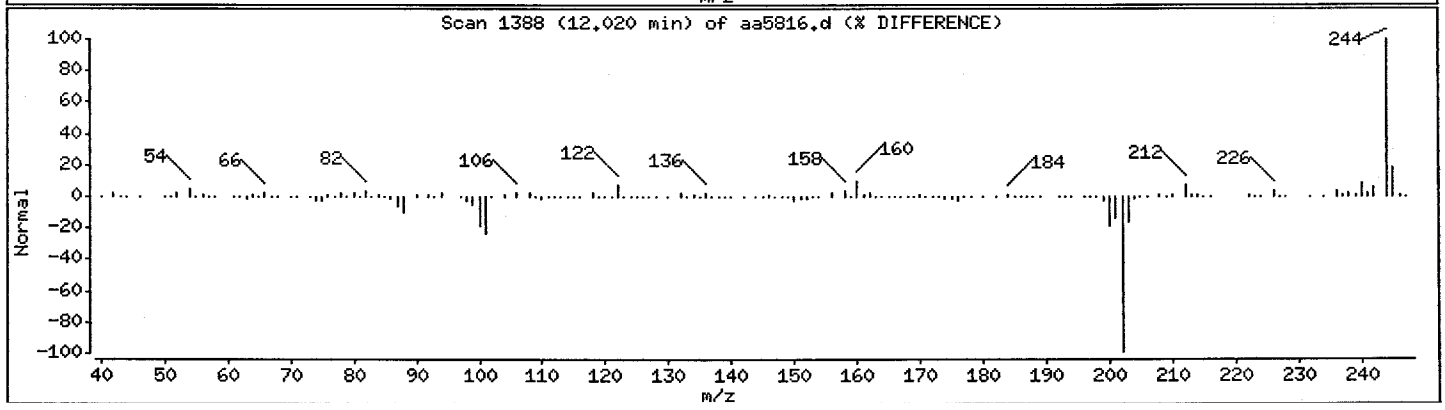
Scan 1388 (12.020 min) of aa5816.d (Subtracted)



56 Fluoranthene (Reference Spectrum)



Scan 1388 (12.020 min) of aa5816.d (% DIFFERENCE)



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

Client ID: 080508-12

Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0

Operator: BNAMS 4

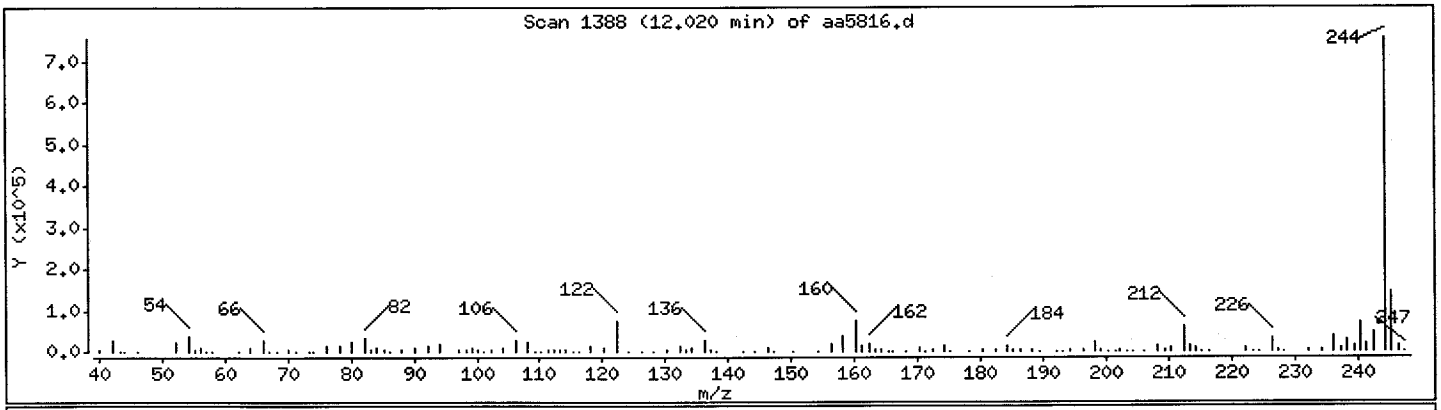
Column phase: DB-5

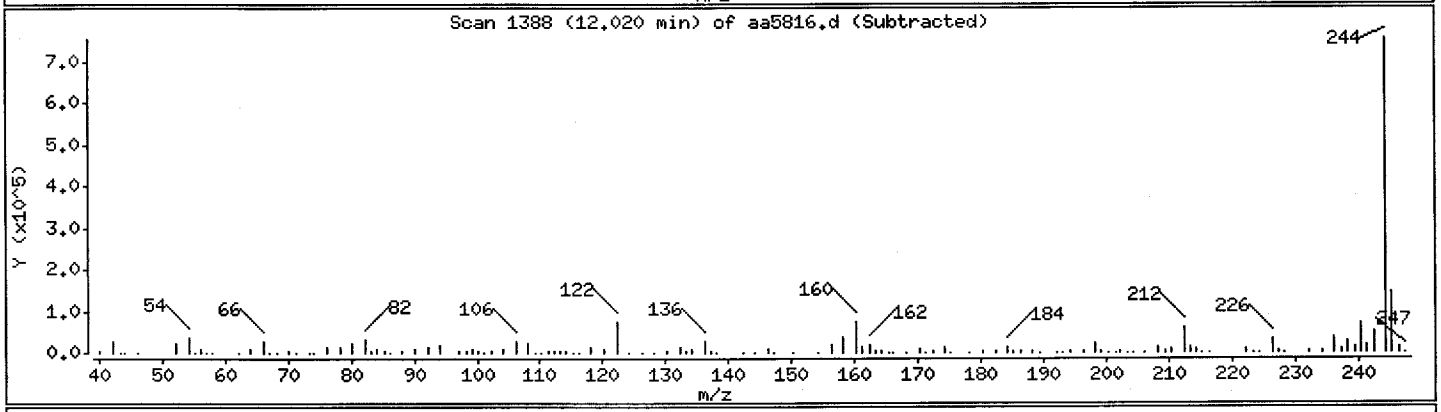
Column diameter: 0.25

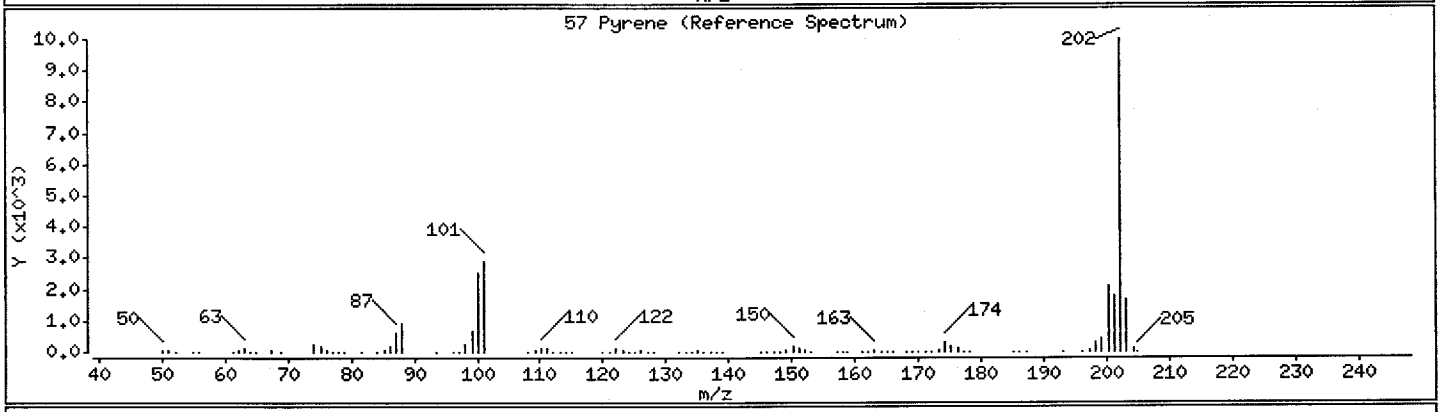
57 Pyrene

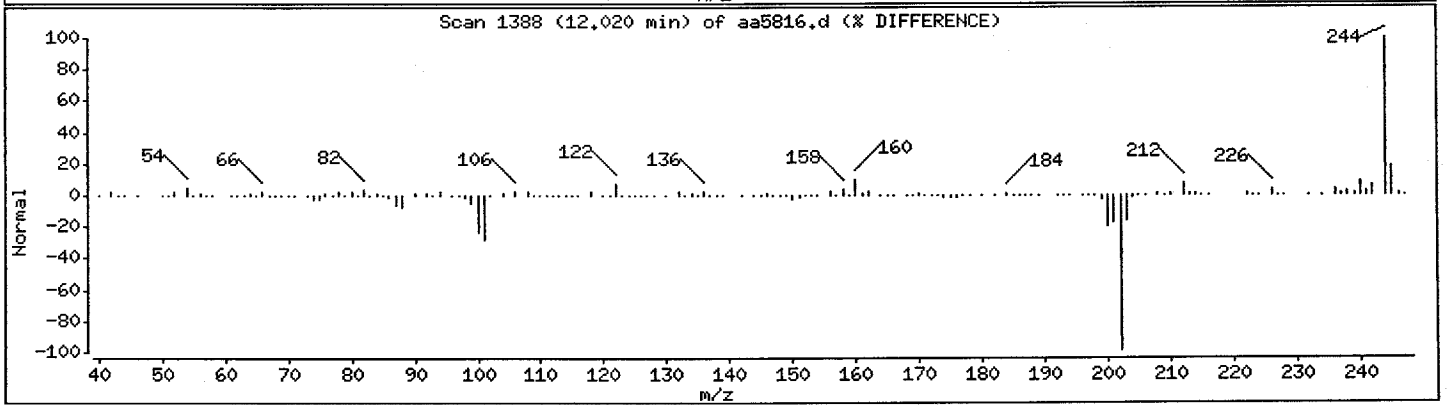
Concentration: 0.30 ug/L

FALSE POSITIVE
Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

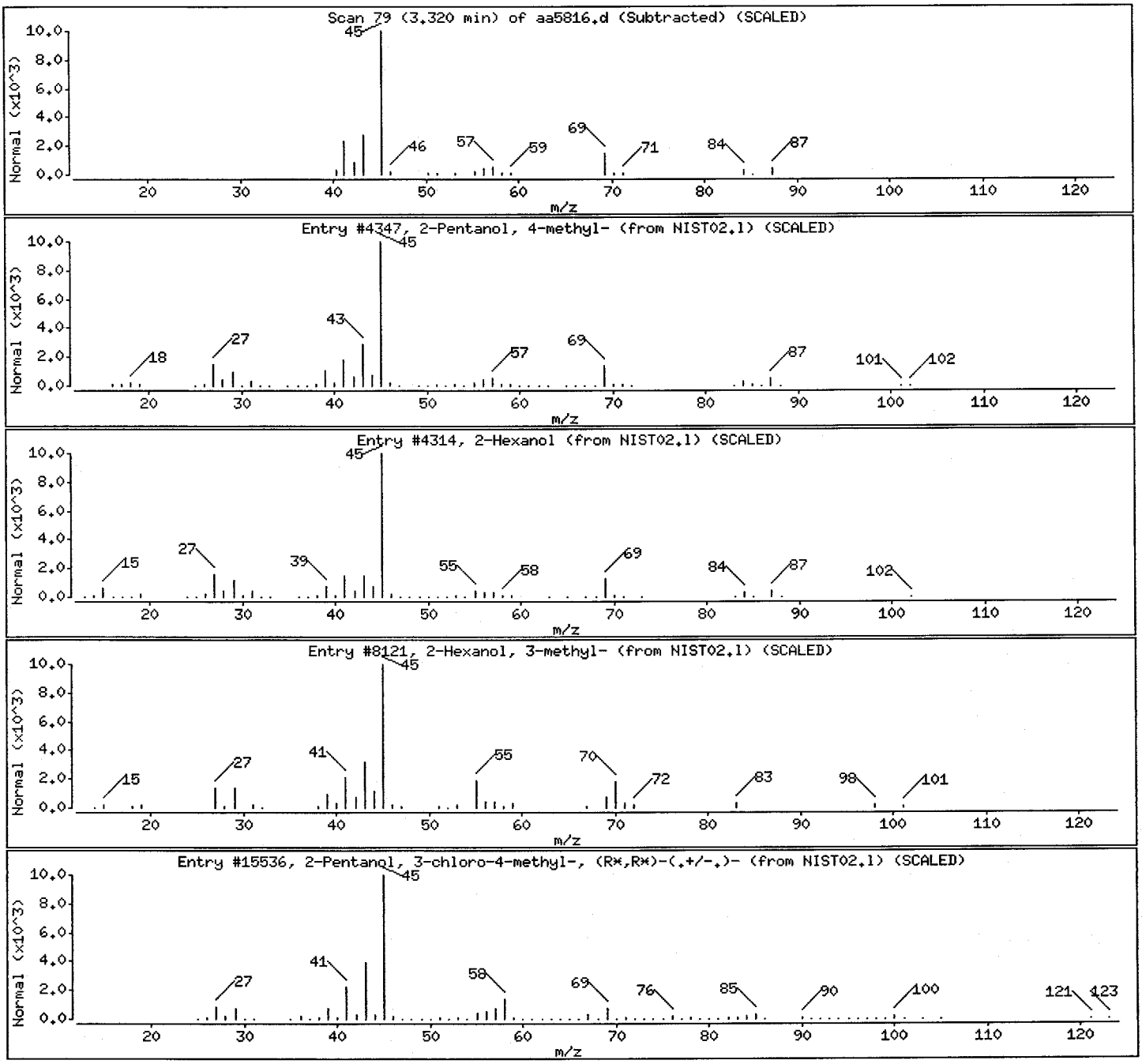
Client ID: 080508-12 Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanol, 4-methyl-	108-11-2	NIST02.l	4347	83	C6H14O	102
2-Hexanol	626-93-7	NIST02.l	4314	78	C6H14O	102
2-Hexanol, 3-methyl-	2313-65-7	NIST02.l	8121	56	C7H16O	116
2-Pentanol, 3-chloro-4-methyl-, (R*,R*)-	74685-47-5	NIST02.l	15536	50	C6H13ClO	136



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

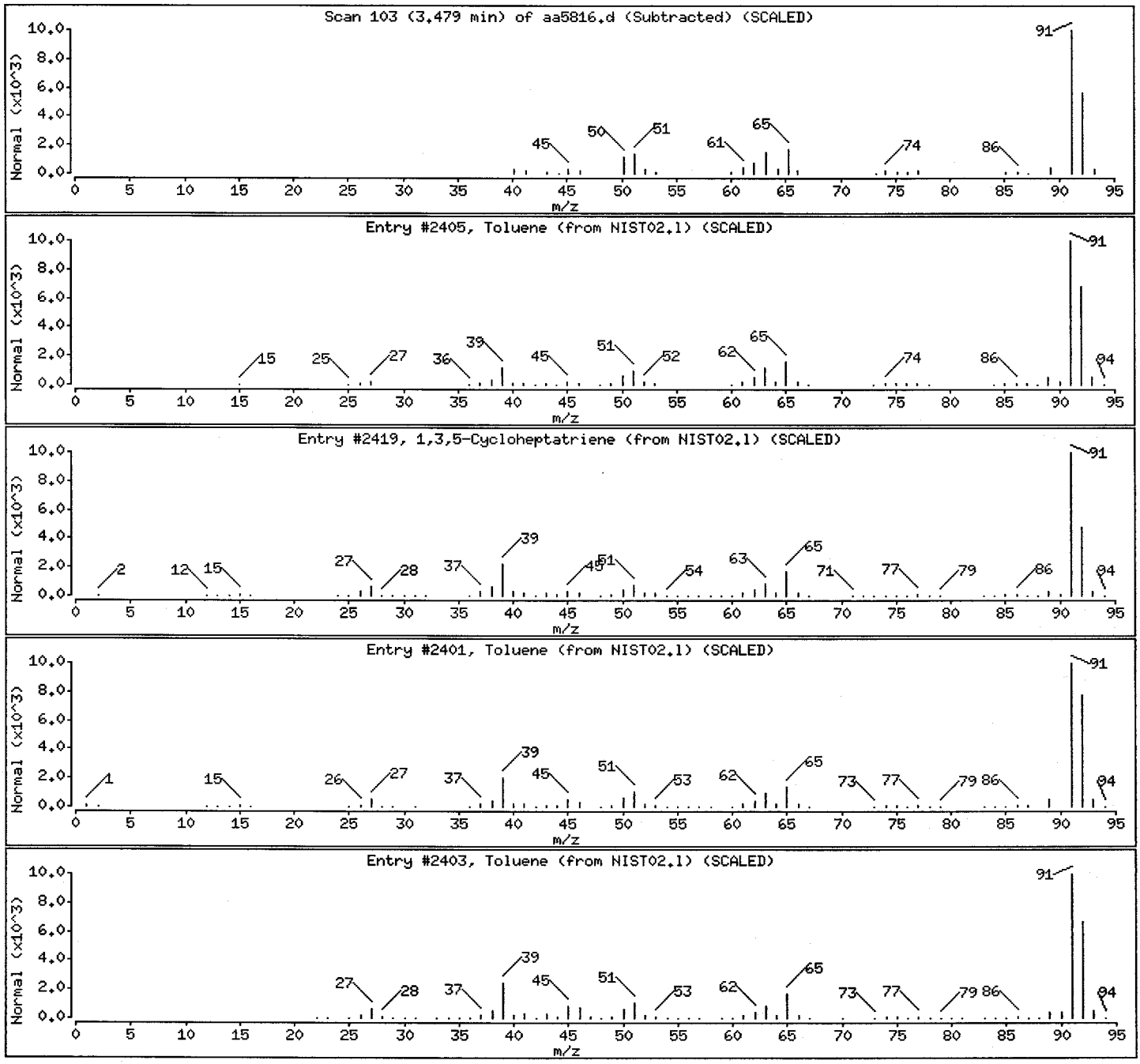
Client ID: 080508-12 Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	94	C7H8	92
1,3,5-Cycloheptatriene	544-25-2	NIST02.l	2419	87	C7H8	92
Toluene	108-88-3	NIST02.l	2401	87	C7H8	92
Toluene	108-88-3	NIST02.l	2403	86	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

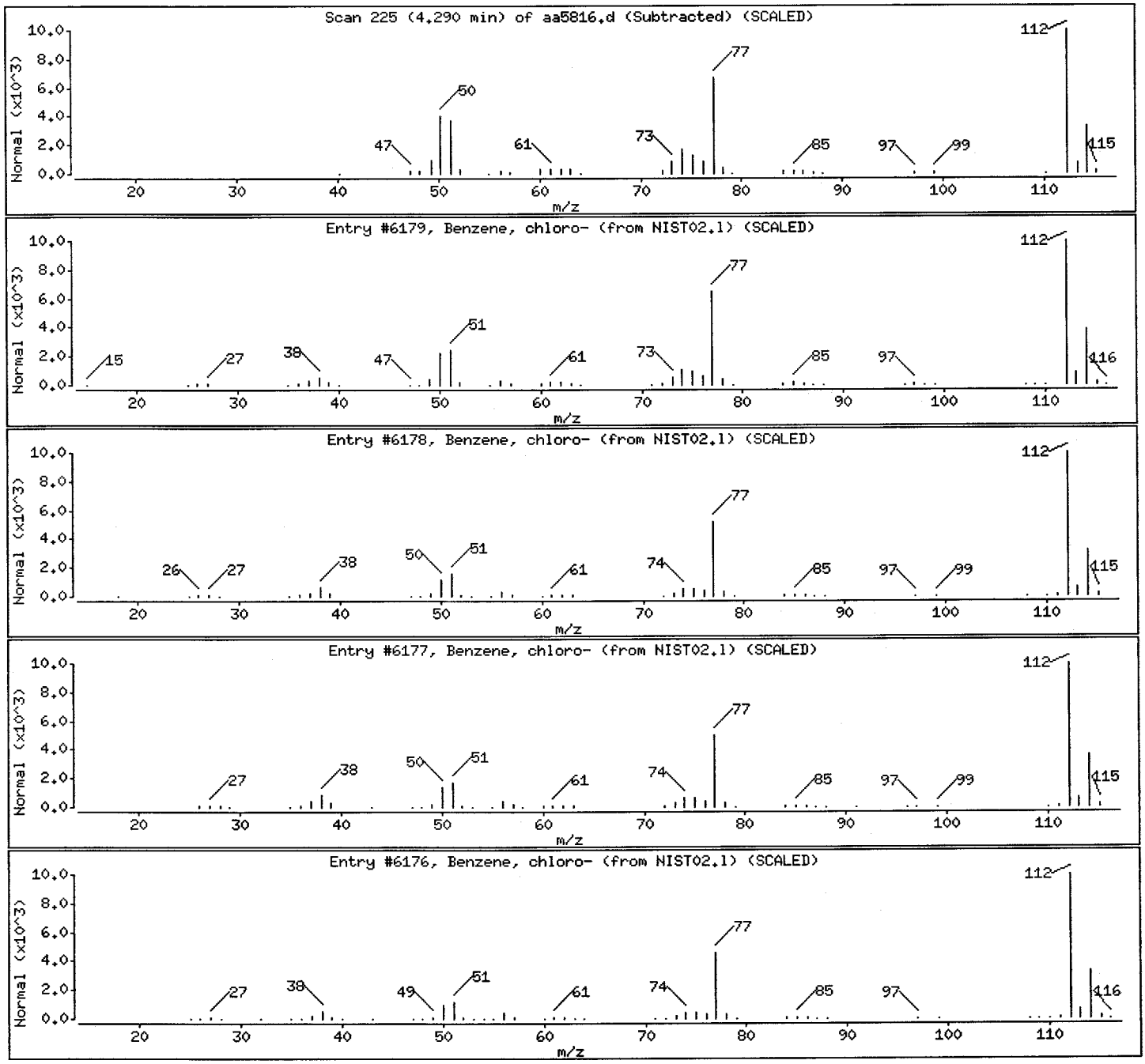
Client ID: 080508-12 Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, chloro-	108-90-7	NIST02.1	6179	91	C6H5Cl	112
Benzene, chloro-	108-90-7	NIST02.1	6178	43	C6H5Cl	112
Benzene, chloro-	108-90-7	NIST02.1	6177	43	C6H5Cl	112
Benzene, chloro-	108-90-7	NIST02.1	6176	43	C6H5Cl	112



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

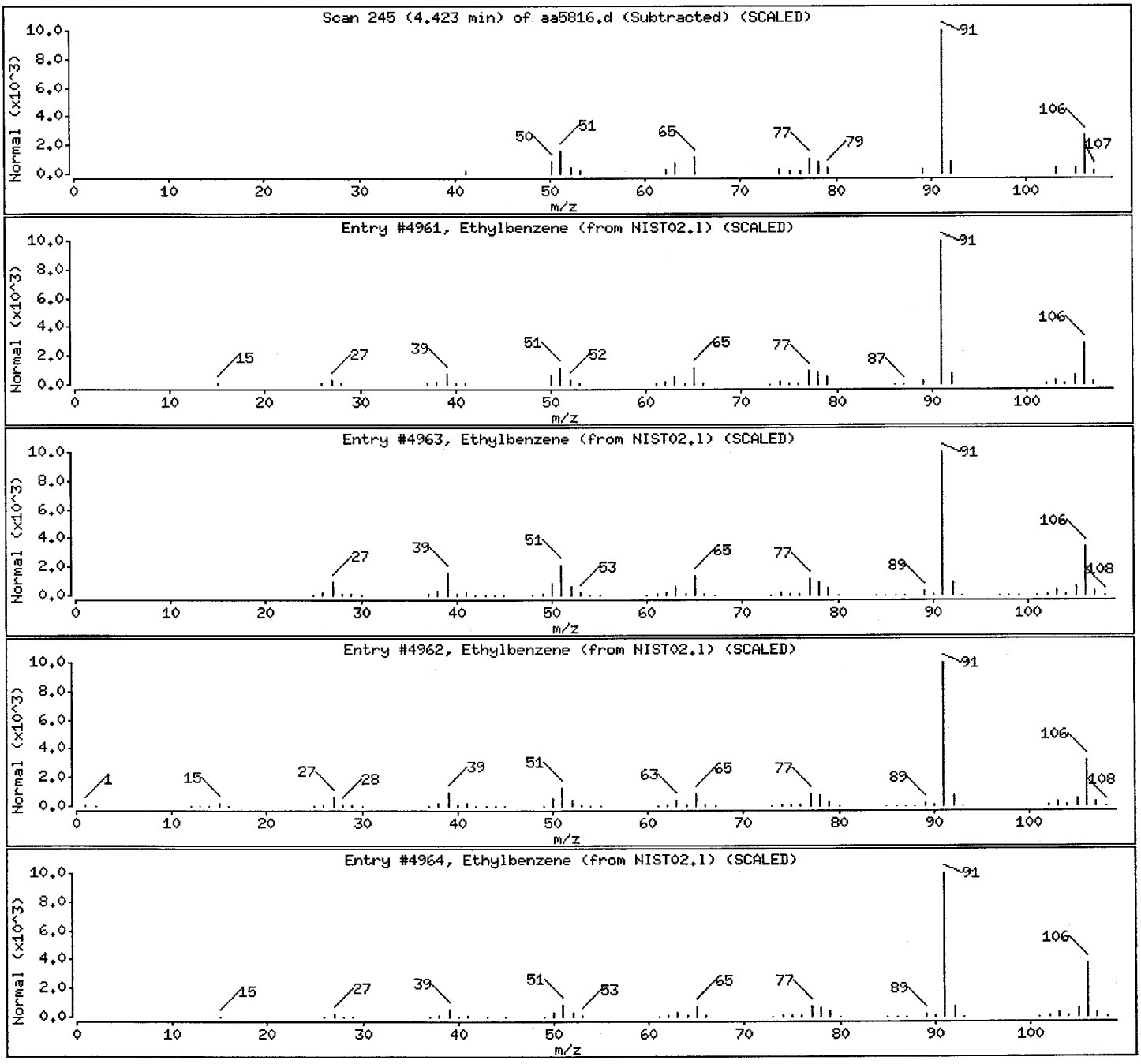
Client ID: 080508-12 Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4961	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4963	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	91	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

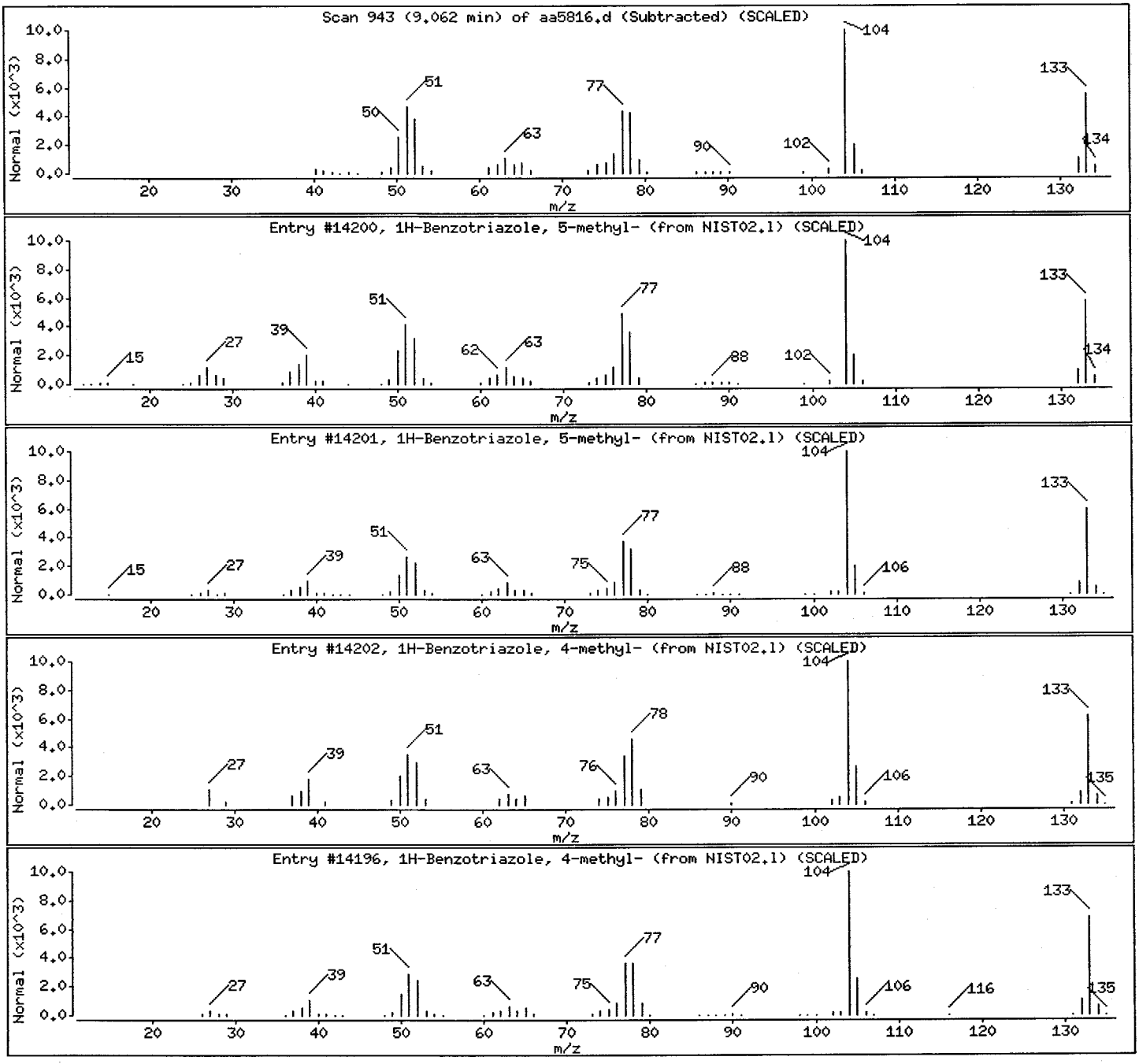
Client ID: 080508-12 Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Benzotriazole, 5-methyl-	136-85-6	NIST02.l	14200	98	C7H7N3	133
1H-Benzotriazole, 5-methyl-	136-85-6	NIST02.l	14201	97	C7H7N3	133
1H-Benzotriazole, 4-methyl-	29878-31-7	NIST02.l	14202	97	C7H7N3	133
1H-Benzotriazole, 4-methyl-	29878-31-7	NIST02.l	14196	96	C7H7N3	133



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

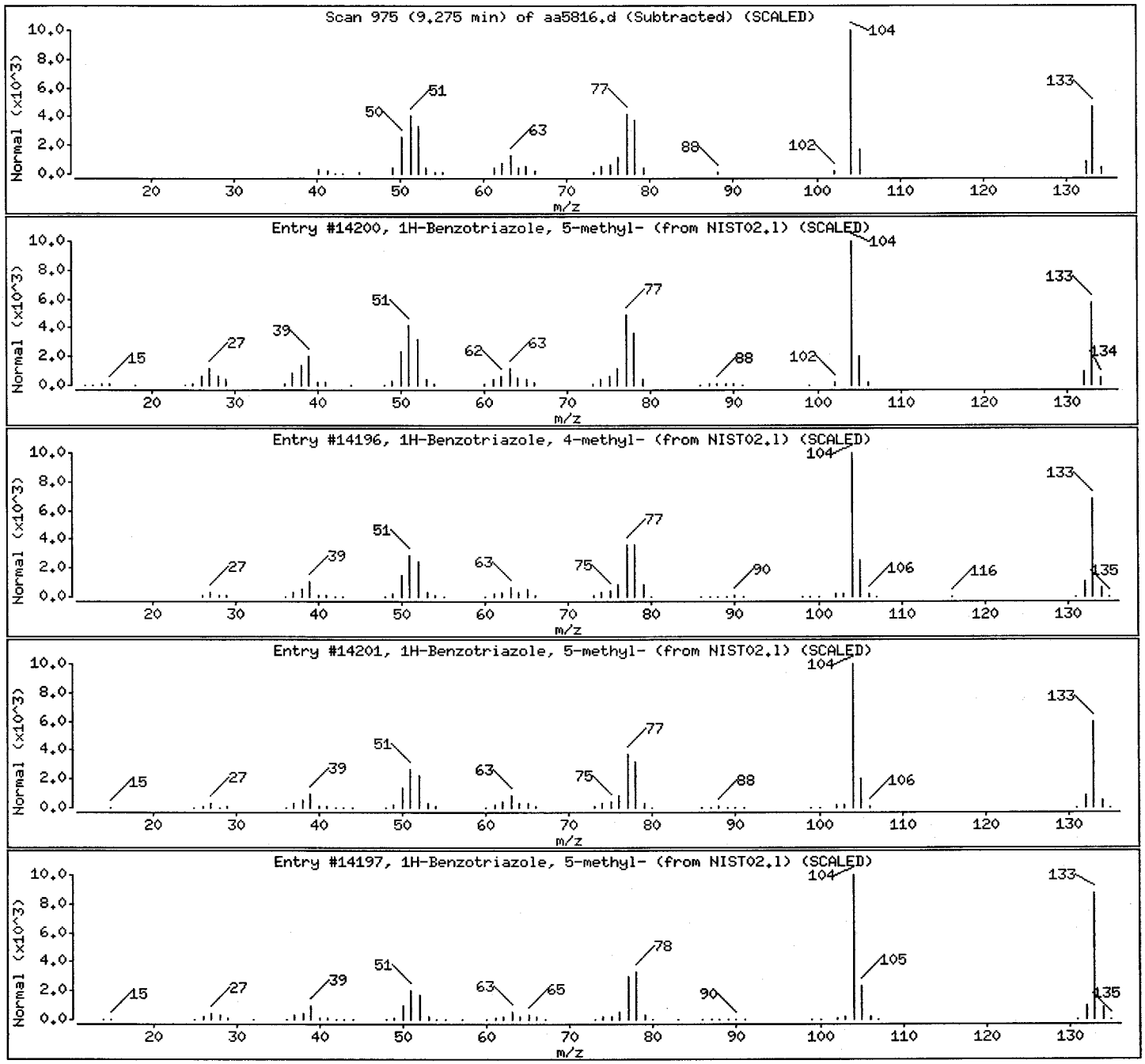
Client ID: 080508-12 Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Benzotriazole, 5-methyl-	136-85-6	NIST02.l	14200	98	C7H7N3	133
1H-Benzotriazole, 4-methyl-	29878-31-7	NIST02.l	14196	97	C7H7N3	133
1H-Benzotriazole, 5-methyl-	136-85-6	NIST02.l	14201	97	C7H7N3	133
1H-Benzotriazole, 5-methyl-	136-85-6	NIST02.l	14197	91	C7H7N3	133



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5816.d

Date : 11-AUG-2008 02:17

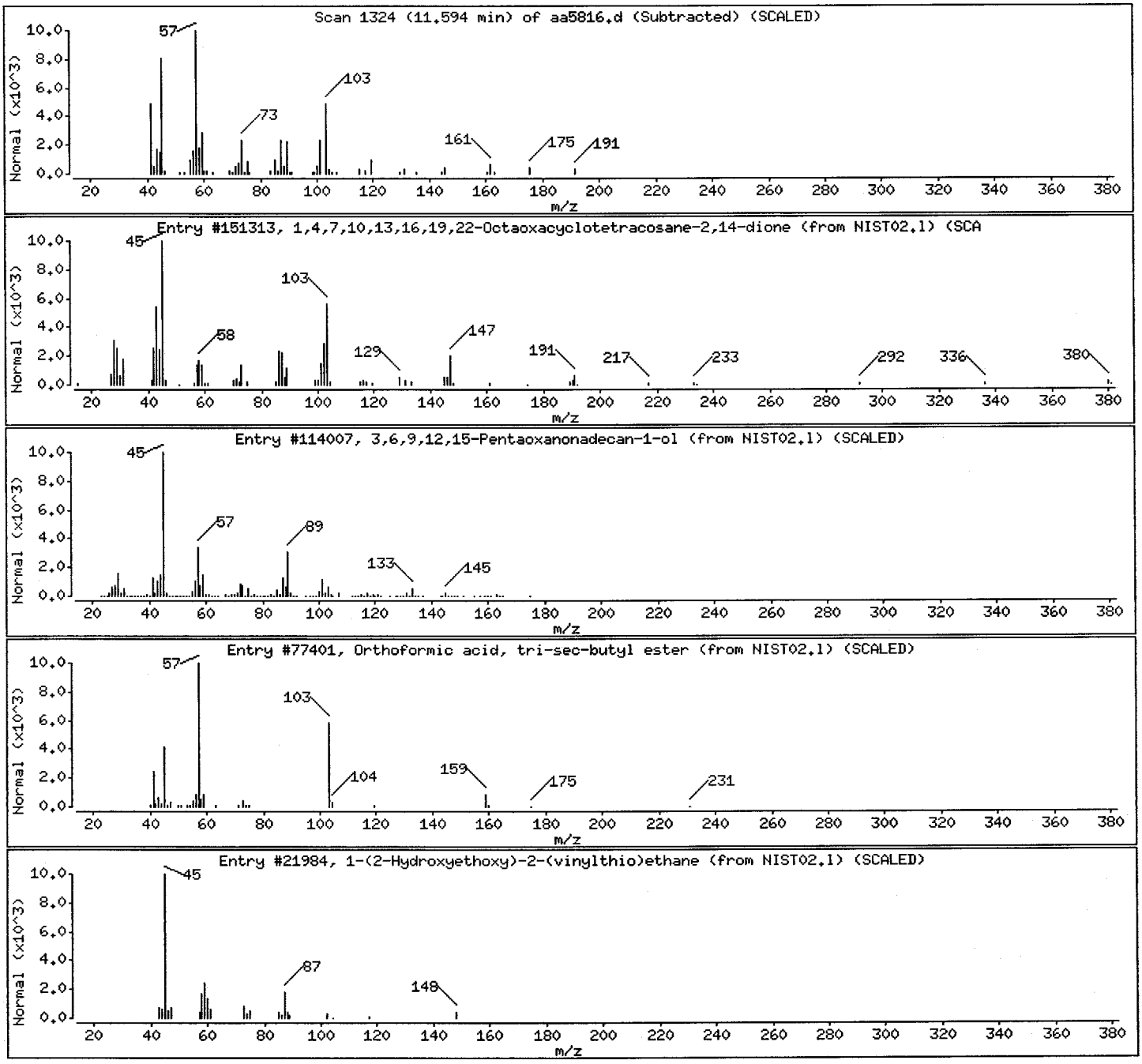
Client ID: 080508-12 Instrument: BNAMS8.i

Sample Info: 940365;4447181

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,4,7,10,13,16,19,22-Octaoxacyclotetraco	1000221-60-1	NIST02.l	151313	42	C16H28O10	380
3,6,9,12,15-Pentaoxanonadecan-1-ol	1786-94-3	NIST02.l	114007	38	C14H30O6	294
Orthoformic acid, tri-sec-butyl ester	16754-48-6	NIST02.l	77401	38	C13H28O3	232
1-(2-Hydroxyethoxy)-2-(vinylthio)ethane	86241-10-3	NIST02.l	21984	37	C6H12O2S	148



Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5817.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	0.5J	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	3.3J	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	1.6J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5817.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-13**
Site: GM Wilmington-17338

Lab Sample No: **940366**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5817.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.48	15	
2.	Ethylbenzene	4.42	17	
3.	Xylene isomer	4.74	9.6	
4.	Ethylmethylbenzene isomer	5.02	40	
5.	Benzene, propyl-	5.27	17	
6.	Ethyldimethylbenzene isomer	6.34	10	
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	109

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d
Report Date: 23-Aug-2008 12:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d
Lab Smp Id: 940366 Client Smp ID: 080508-13
Inj Date : 11-AUG-2008 02:41
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940366;4447207
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 23-Aug-2008 12:50 rusin Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

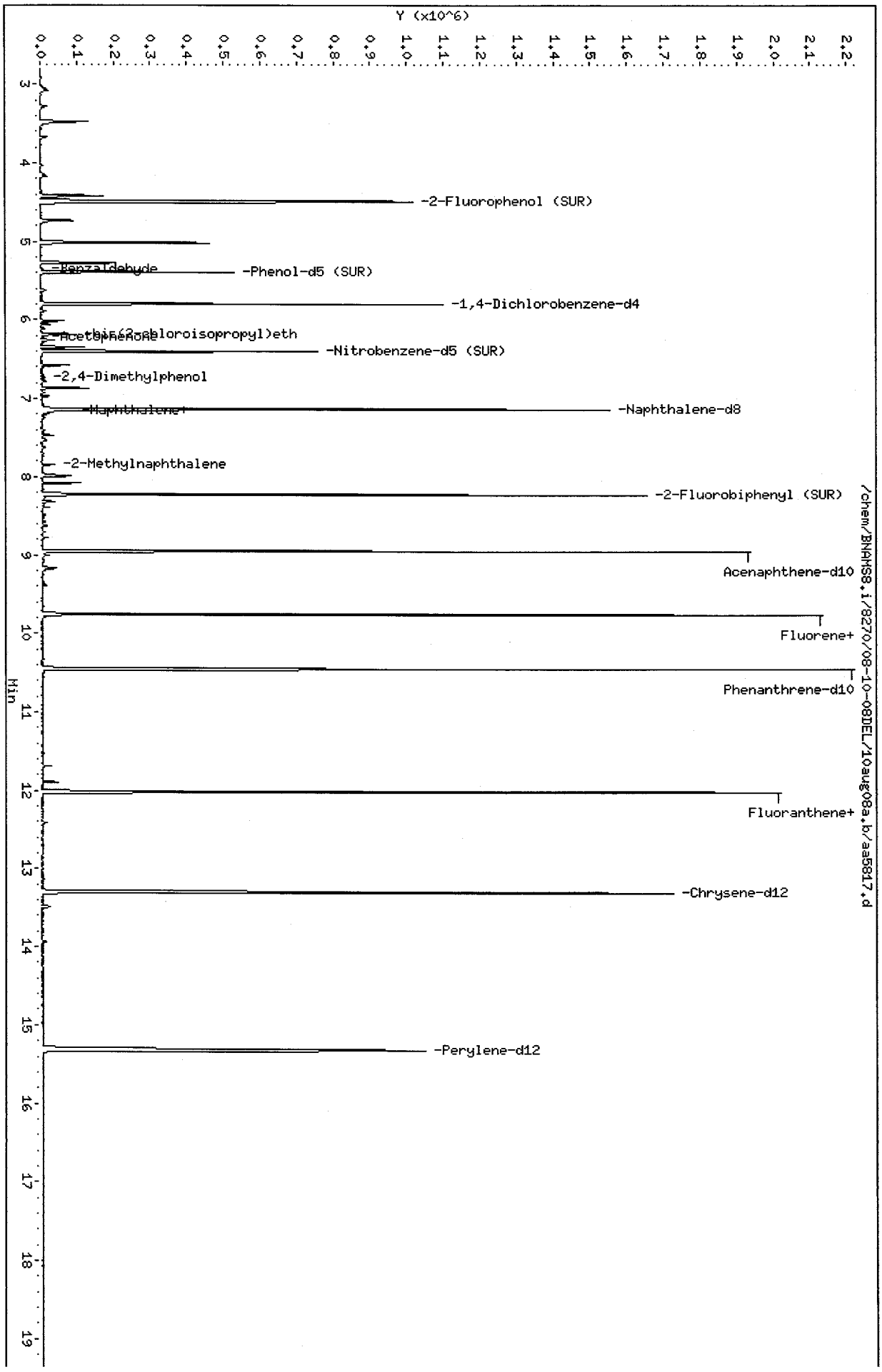
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$	16 2-Fluorophenol (SUR)	112	4.484	4.483	(0.773)	165915	38.3595	78
	~~110 Benzaldehyde~~	~~77~~	~~5.261~~	~~5.261~~	~~(0.924)~~	~~504~~	~~0.14305~~	~~0.29(a)~~
$	17 Phenol-d5 (SUR)	99	5.394	5.401	(0.930)	143575	23.6818	48
*	79 1,4-Dichlorobenzene-d4	152	5.800	5.799	(1.000)	140189	40.0000	
	~~24 bis(2-chloroisopropyl)ether~~	~~45~~	~~6.185~~	~~6.079~~	~~(1.066)~~	~~31158~~	~~3.14830~~	~~6.4(a)~~
	~~104 Acetophenone~~	~~105~~	~~6.218~~	~~6.231~~	~~(1.073)~~	~~2125~~	~~0.28822~~	~~0.59(a)~~
$	76 Nitrobenzene-d5 (SUR)	82	6.398	6.404	(0.897)	234502	34.0216	69
	~~6 2,4-Dimethylphenol~~	~~122~~	~~6.730~~	~~6.743~~	~~(0.943)~~	~~1108~~	~~0.23226~~	~~0.47(a)~~
*	80 Naphthalene-d8	136	7.136	7.135	(1.000)	592120	40.0000	
	31 Naphthalene	128	7.156	7.162	(1.003)	23038	1.63906	3.3(a)
	~~32 4-Chloroaniline~~	~~127~~	~~7.162~~	~~7.208~~	~~(1.004)~~	~~1075~~	~~0.18279~~	~~0.37(a)~~
	34 2-Methylnaphthalene	142	7.853	7.860	(1.101)	7799	0.77483	1.6(a)
$	77 2-Fluorobiphenyl (SUR)	172	8.226	8.232	(0.918)	422232	35.8853	73
*	82 Acenaphthene-d10	164	8.957	8.956	(1.000)	429707	40.0000	
	~~47 Fluorene~~	~~166~~	~~9.761~~	~~9.501~~	~~(1.090)~~	~~8203~~	~~0.64360~~	~~1.3(a)~~

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d
Report Date: 23-Aug-2008 12:57

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.761	9.767	(1.090)	216025	83.2427	170
~~50 4-Bromophenyl-phenylether~~	~~248~~	~~9.761~~	~~9.953~~	~~(0.934)~~	~~14344~~	~~3.19619~~	~~6.5(a)~~
* 83 Phenanthrene-d10	188	10.452	10.459	(1.000)	732234	40.0000	
~~56 Fluoranthene~~	~~202~~	~~12.021~~	~~11.695~~	~~(1.150)~~	~~2641~~	~~0.10236~~	~~0.21(a)~~
~~57 Pyrene~~	~~202~~	~~12.021~~	~~11.934~~	~~(0.904)~~	~~2641~~	~~0.11009~~	~~0.24(a)~~
$ 78 Terphenyl-d14	244	12.021	12.020	(0.904)	648643	37.3641	76
* 81 Chrysene-d12	240	13.303	13.310	(1.000)	779457	40.0000	
* 84 Perylene-d12	264	15.324	15.324	(1.000)	650873	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Y (x10^6)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-2,4-Dimethylphenol
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Fluoranthene+
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d
Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d
Date : 11-AUG-2008 02:41
Client ID: 080508-13
Sample Info: 940366;4447207
Volume Injected (ul): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

Client ID: 080508-13

Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0

Operator: BNAMS 4

Column phase: DB-5

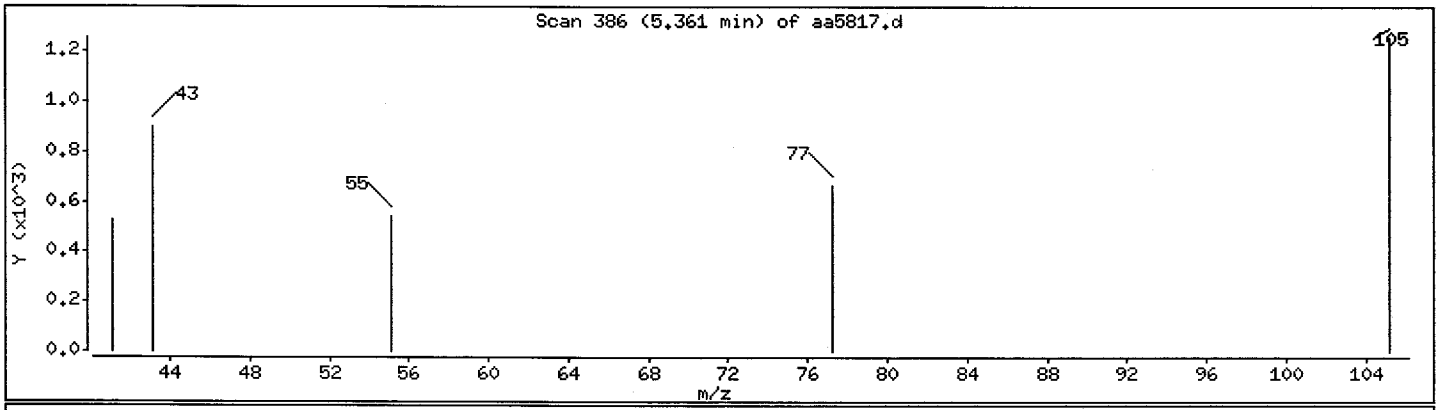
Column diameter: 0.25

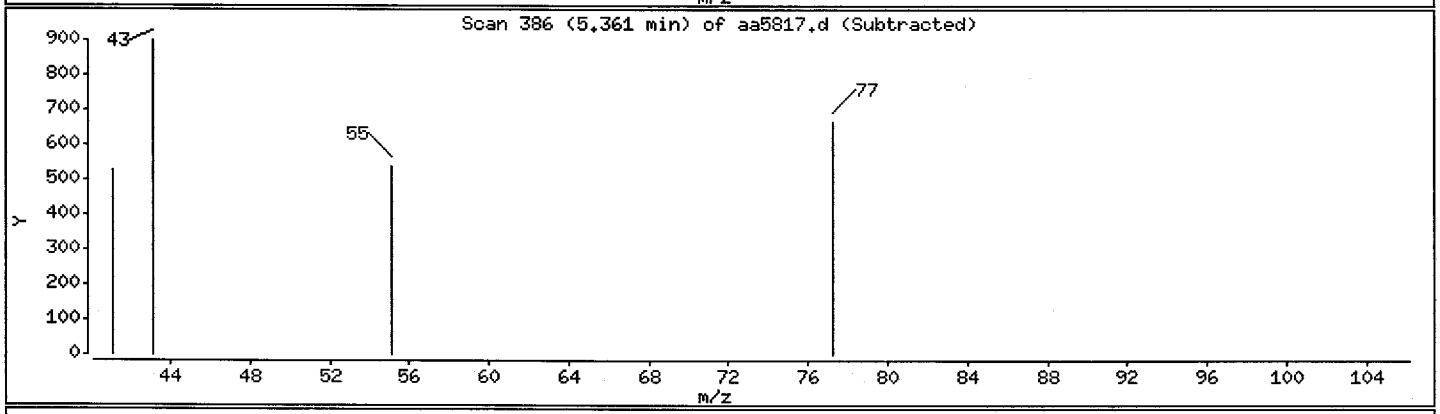
110 Benzaldehyde

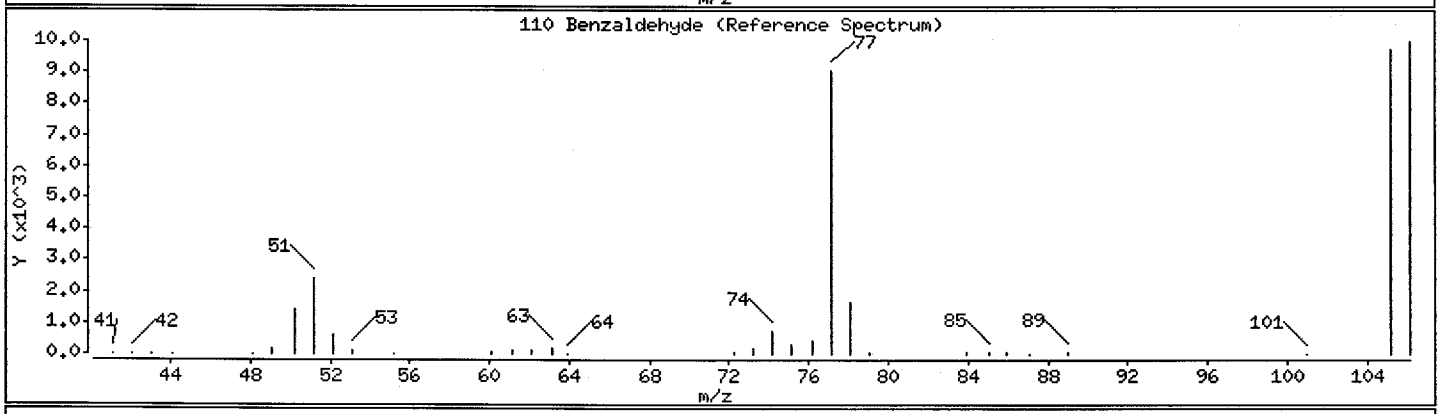
Concentration: 0.29 ug/L

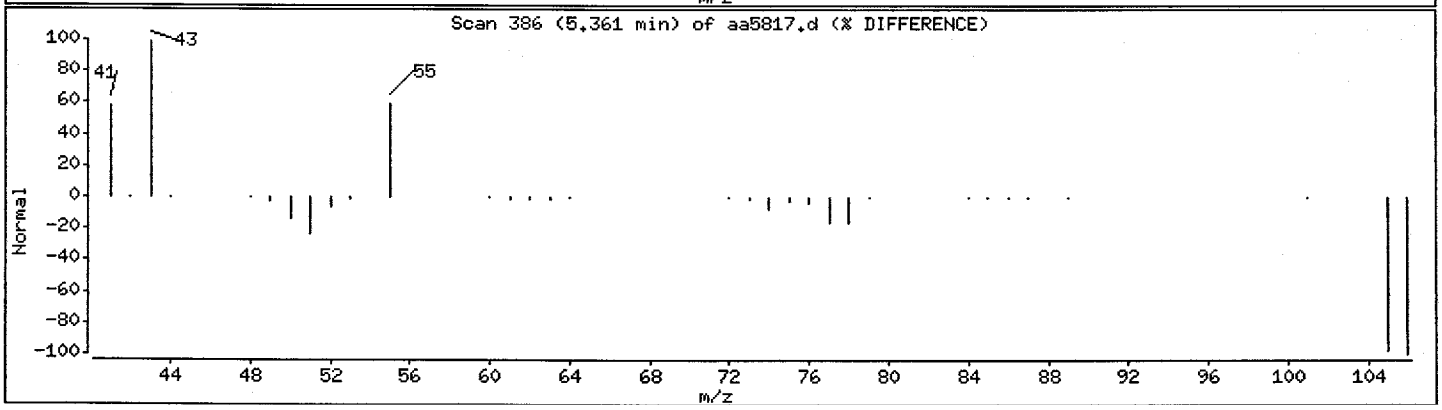
FALSE POSITIVE

Initial









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

Client ID: 080508-13

Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0

Operator: BNAMS 4

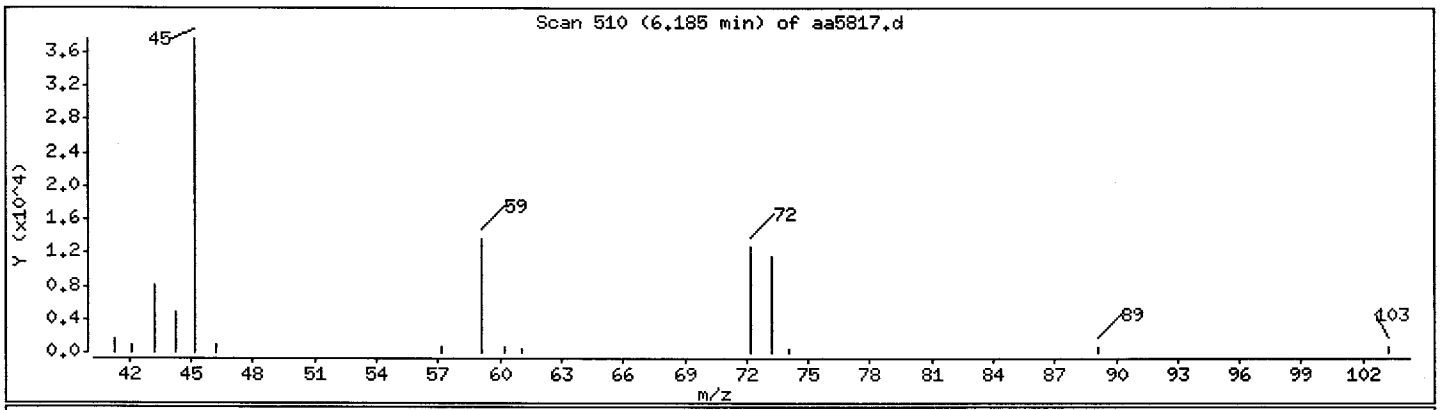
Column phase: DB-5

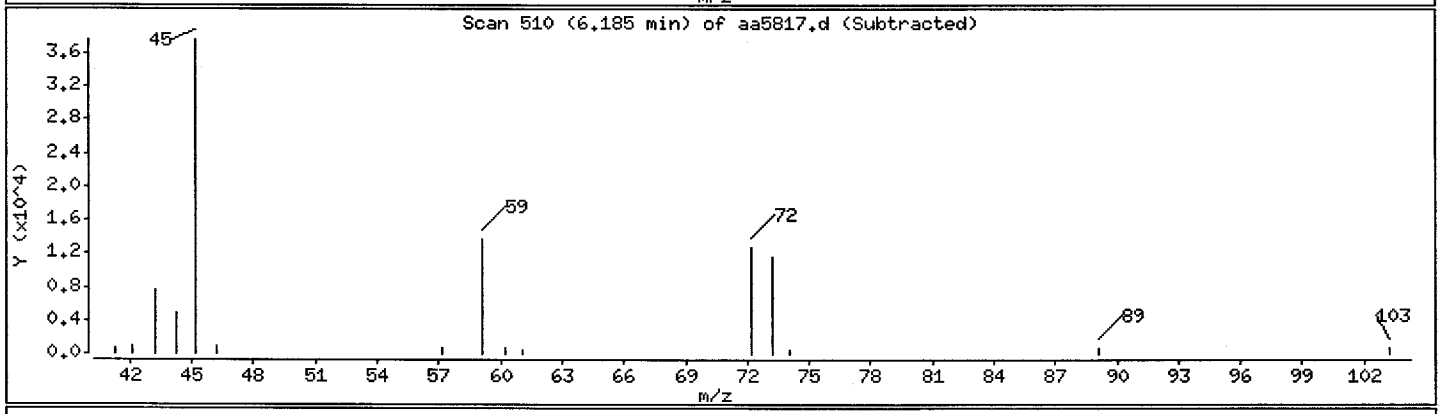
Column diameter: 0.25

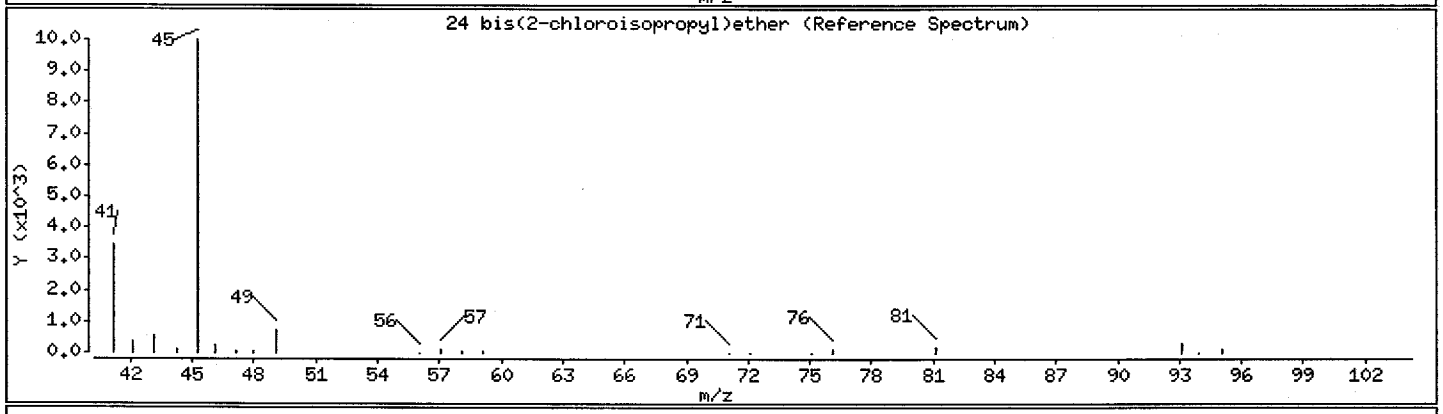
FALSE POSITIVE Init.

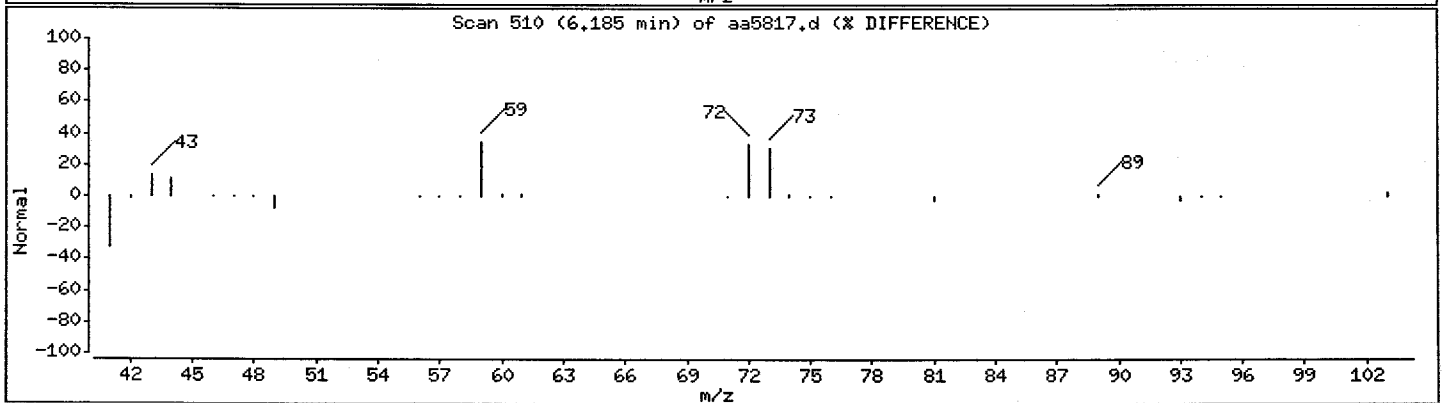
24 bis(2-chloroisopropyl)ether

Concentration: 6.4 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

Client ID: 080508-13 Instrument: BNAMS8.i

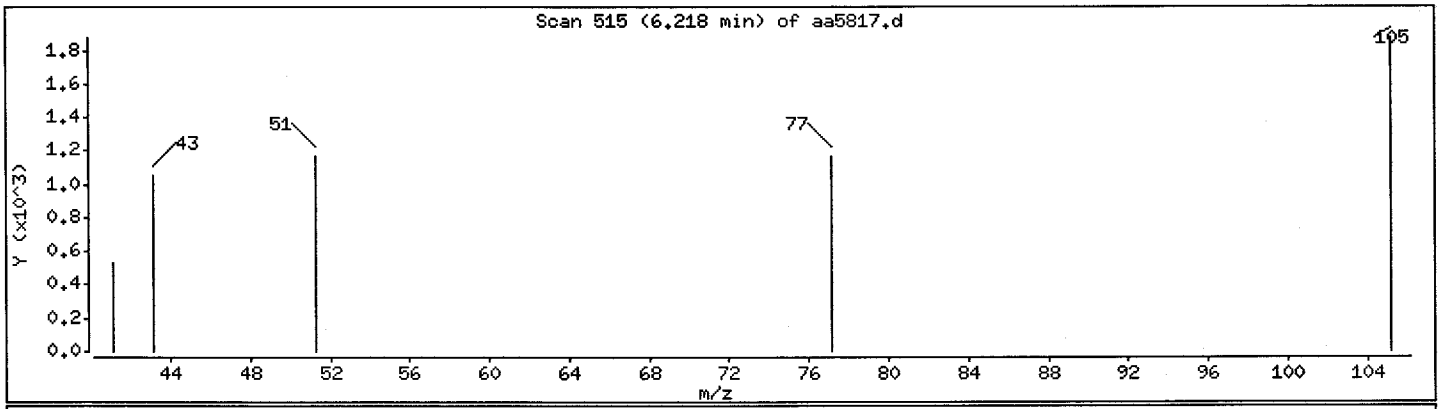
Sample Info: 940366;4447207

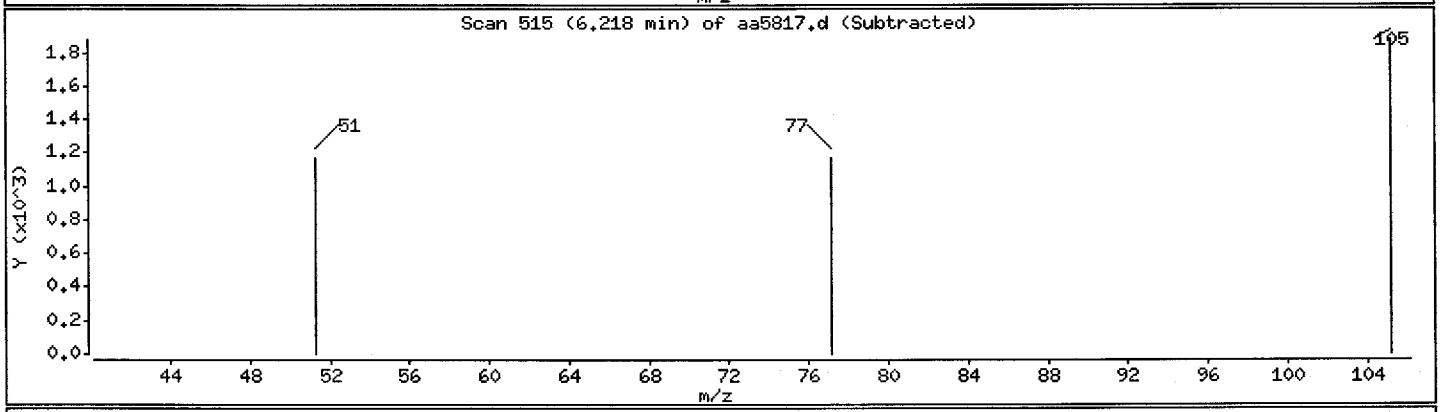
Volume Injected (uL): 1.0 Operator: BNAMS 4

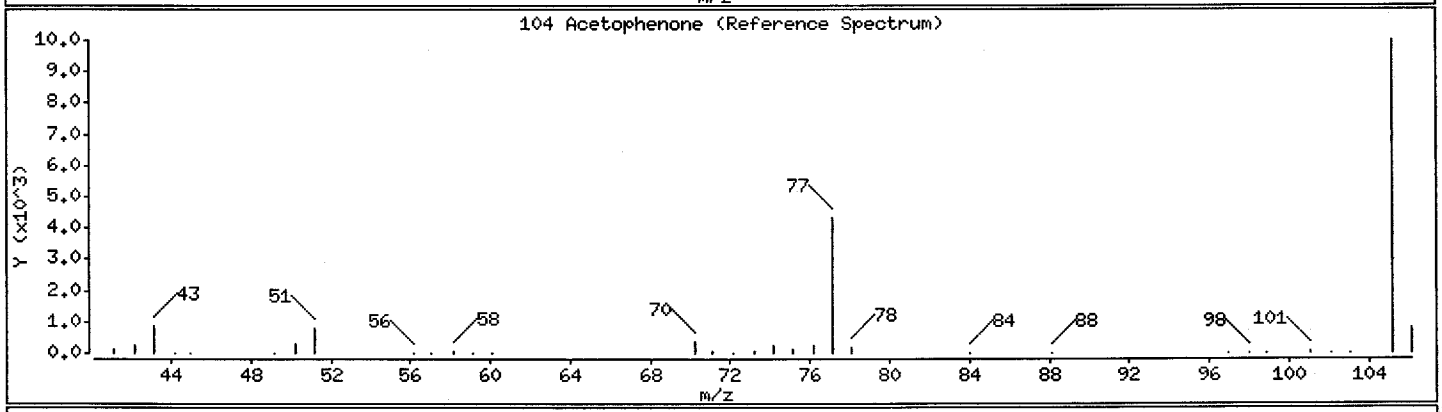
Column phase: DB-5 Column diameter: 0.25

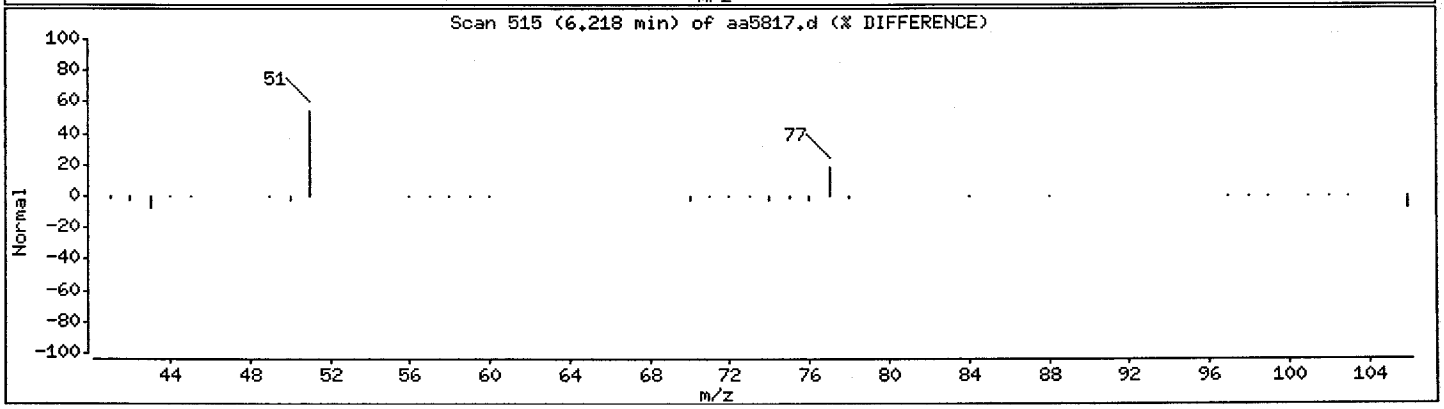
False Positive

104 Acetophenone Concentration: 0.59 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

Client ID: 080508-13 Instrument: BNAMS8.i

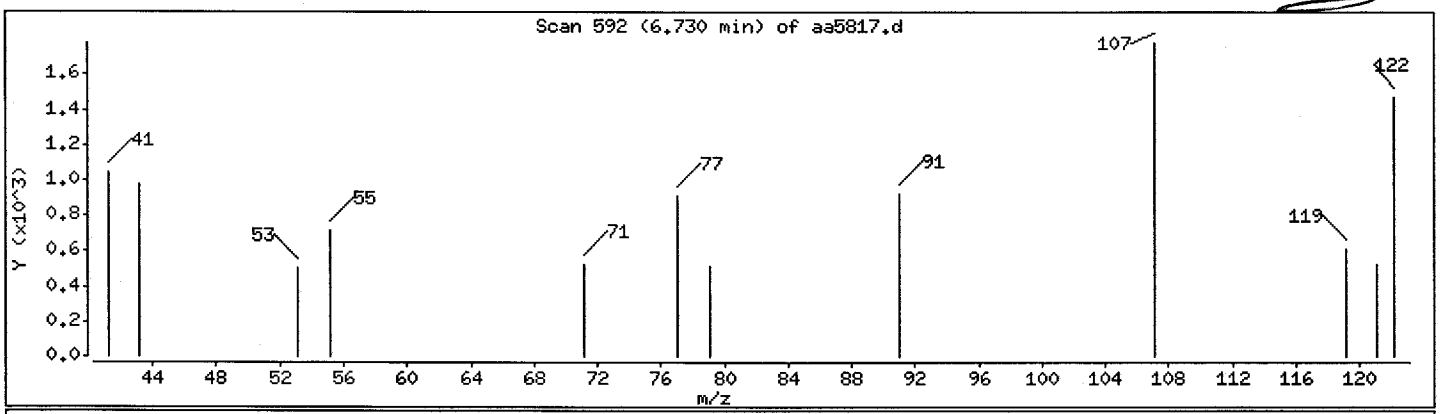
Sample Info: 940366;4447207

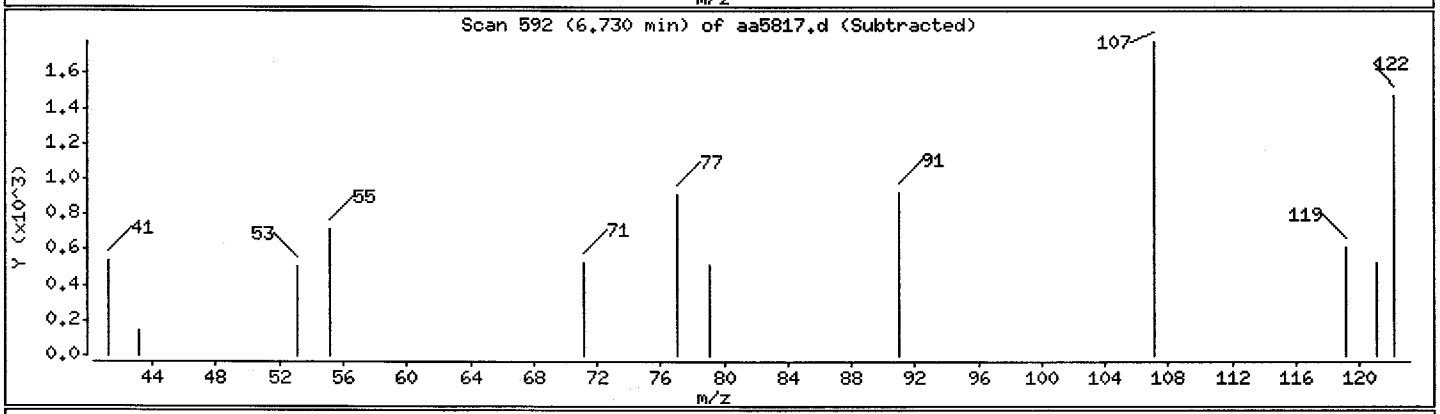
Volume Injected (uL): 1.0 Operator: BNAMS 4

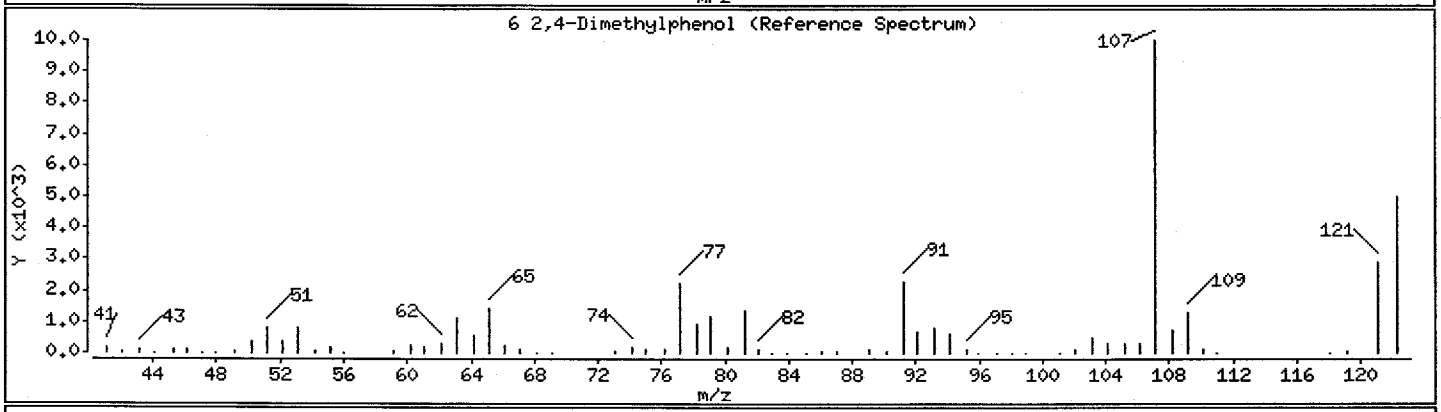
Column phase: DB-5 Column diameter: 0.25

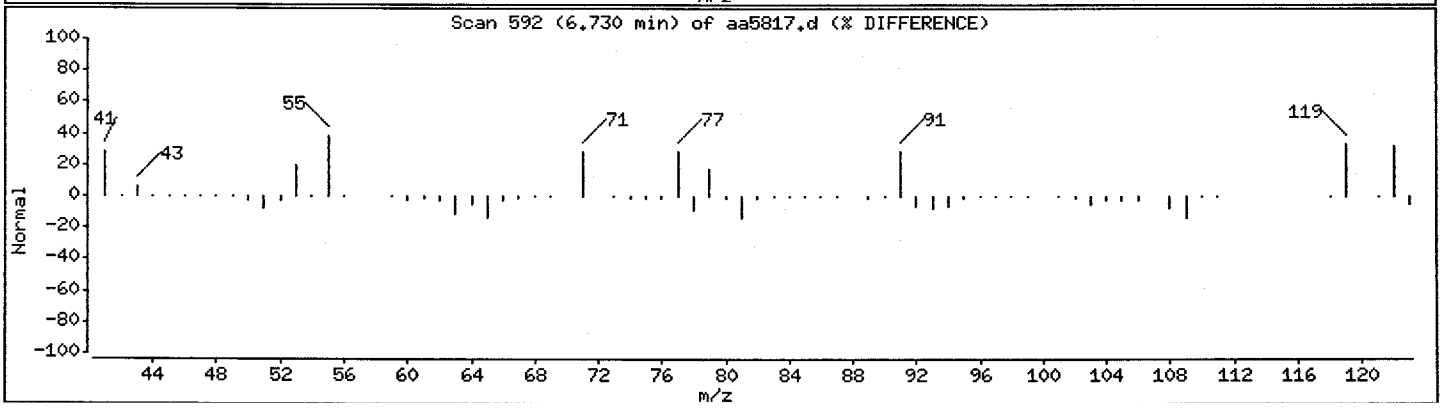
6 2,4-Dimethylphenol Concentration: 0.47 ug/L

False pos.
W.J.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

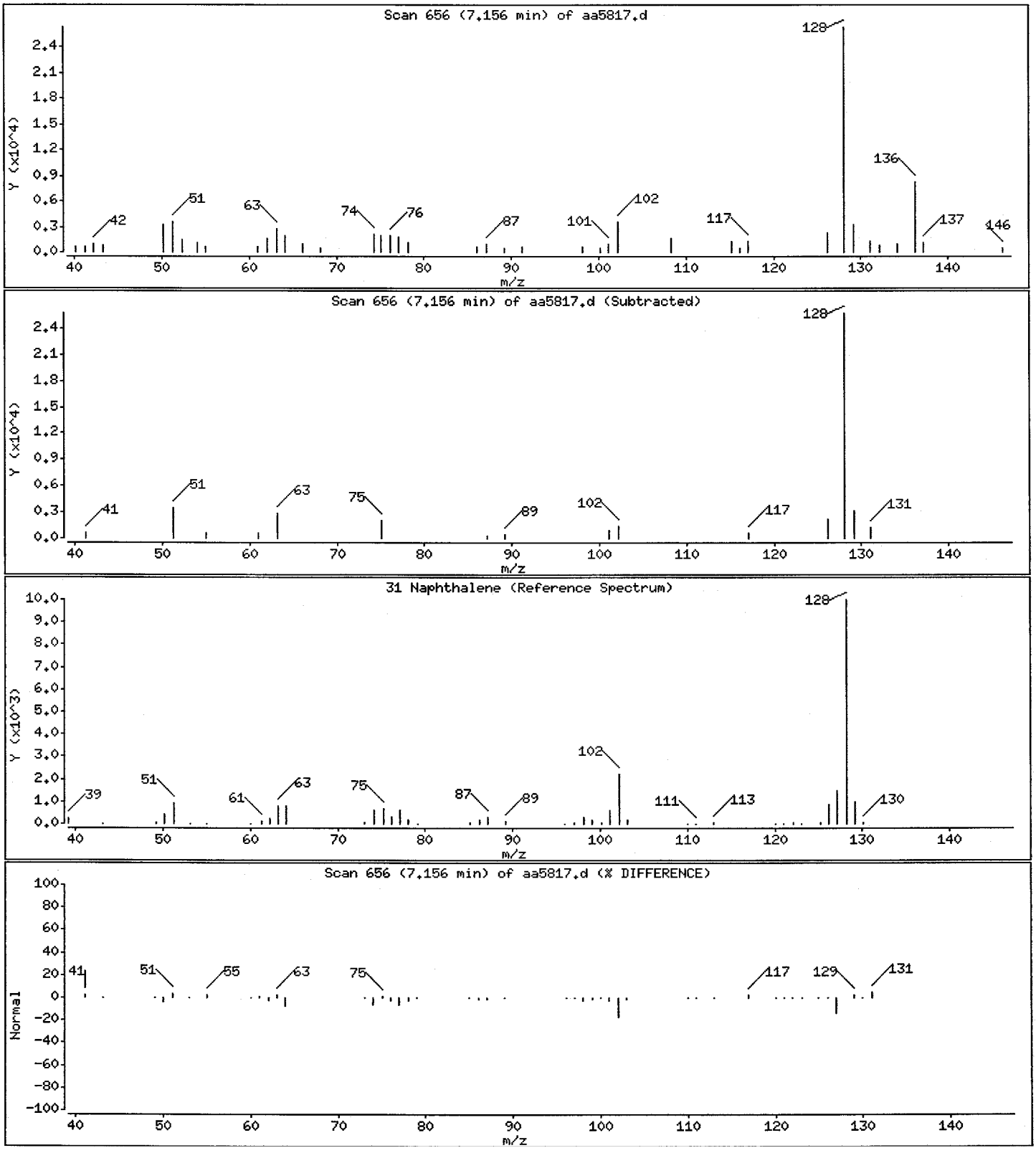
Client ID: 080508-13 Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 3.3 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

Client ID: 080508-13

Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0

Operator: BNAMS 4

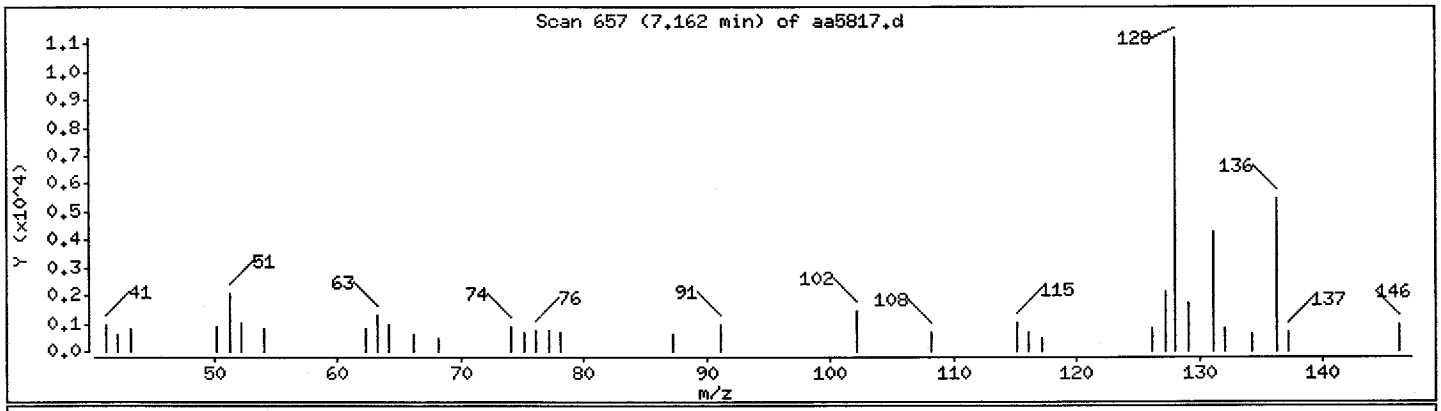
Column phase: DB-5

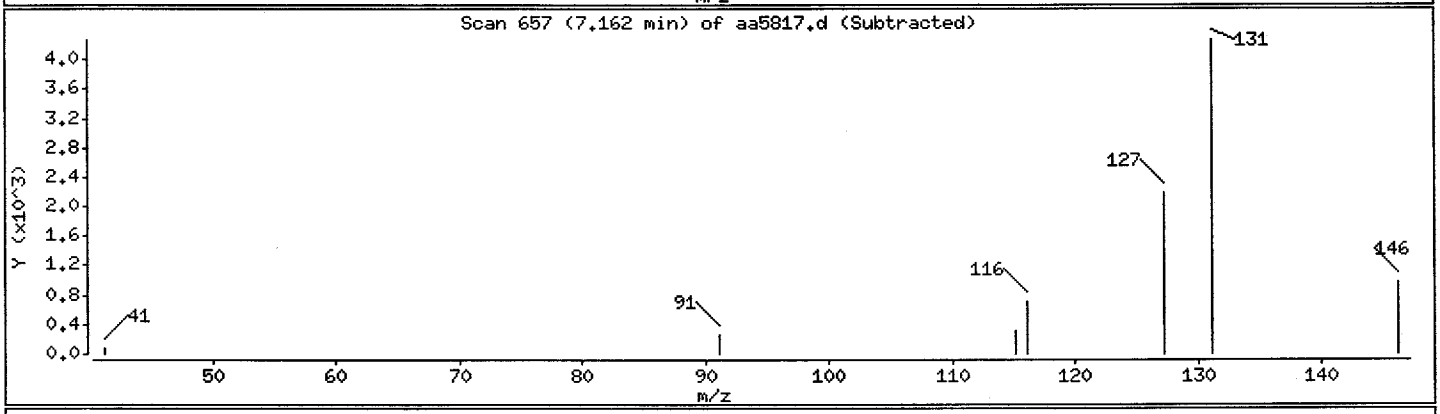
Column diameter: 0.25

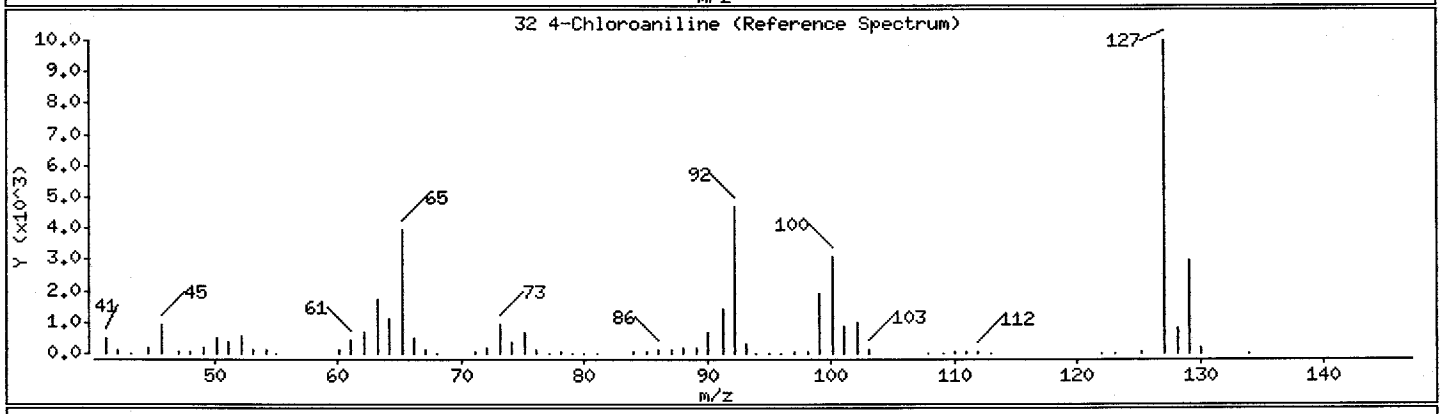
32 4-Chloroaniline

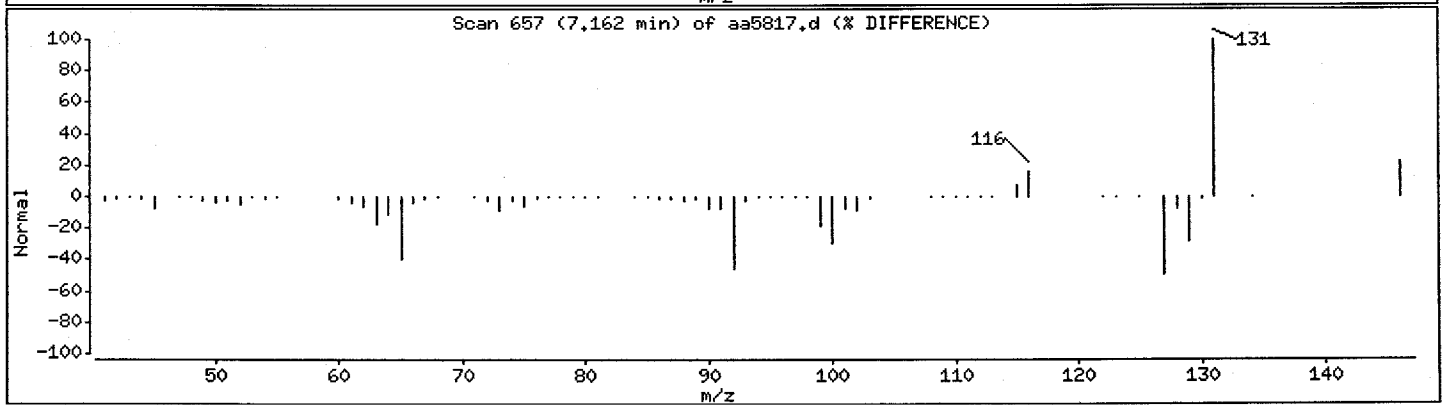
Concentration: 0.37 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

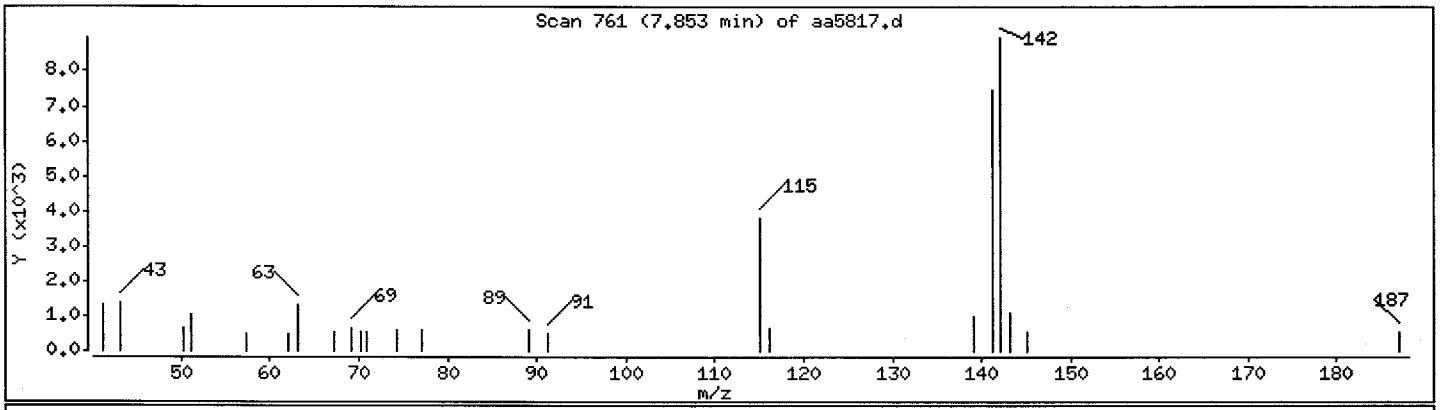
Client ID: 080508-13 Instrument: BNAMS8.i

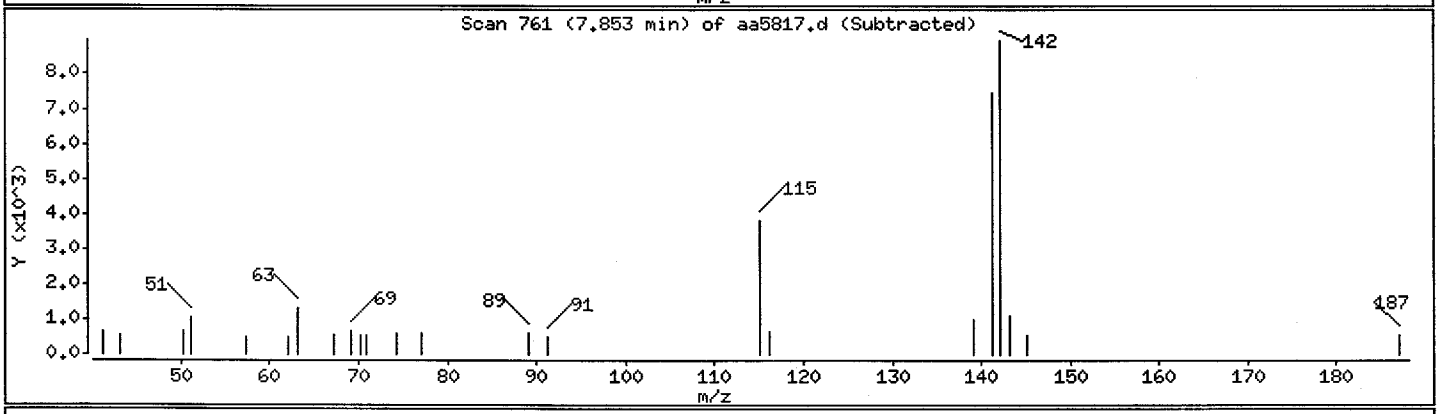
Sample Info: 940366;4447207

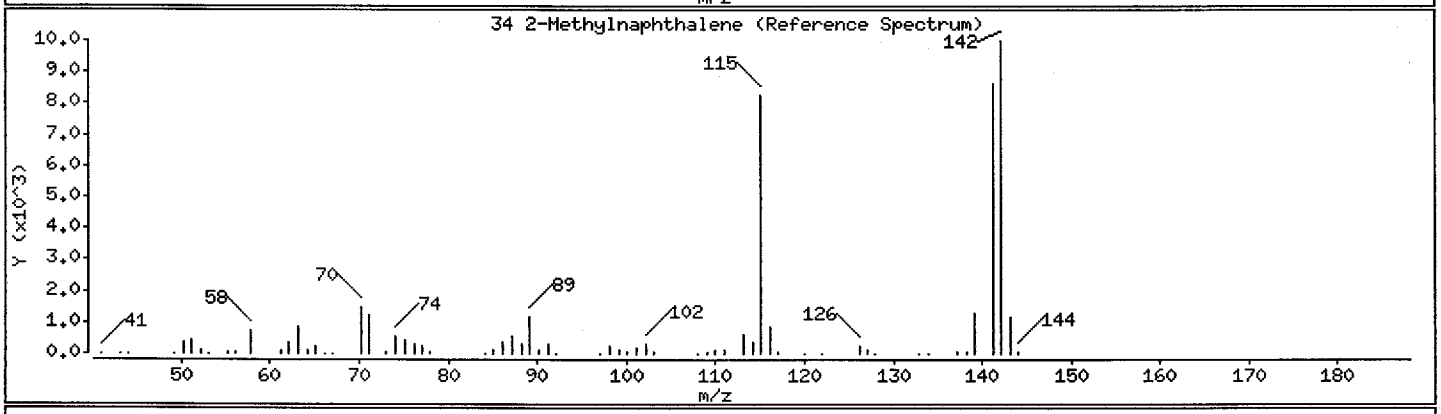
Volume Injected (uL): 1.0 Operator: BNAMS 4

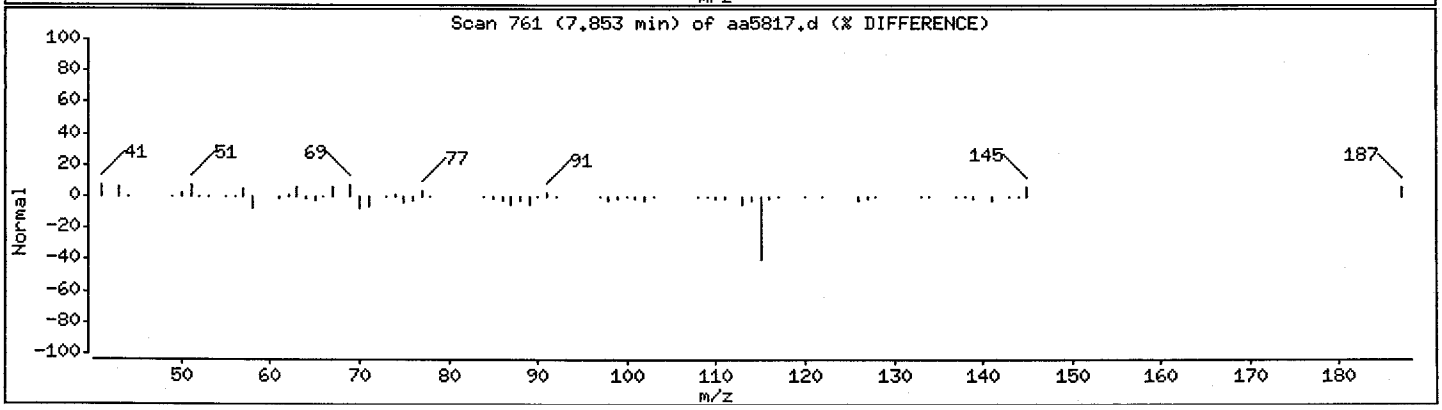
Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 1.6 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

Client ID: 080508-13

Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0

Operator: BNAMS 4

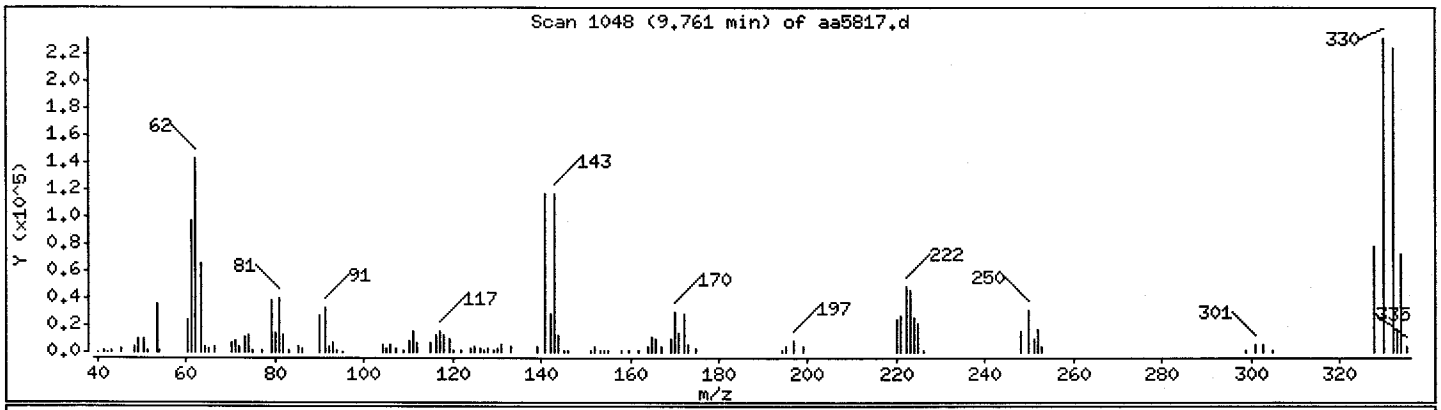
Column phase: DB-5

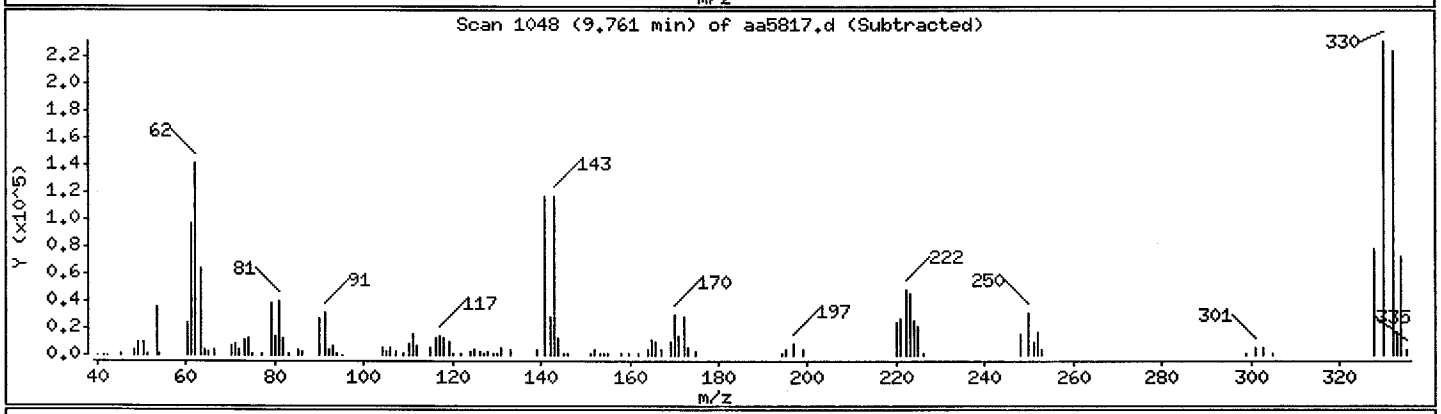
Column diameter: 0.25

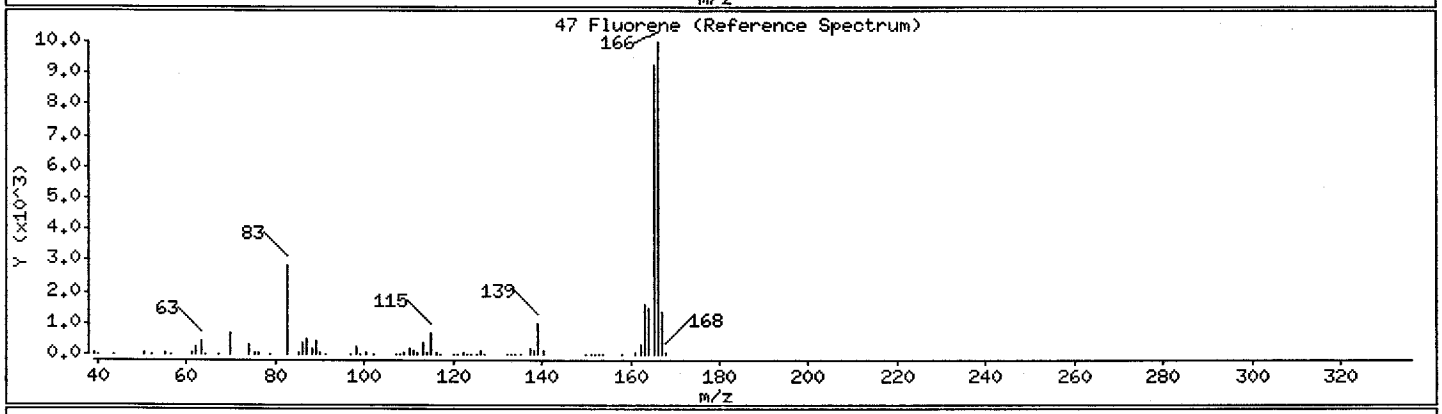
47 Fluorene

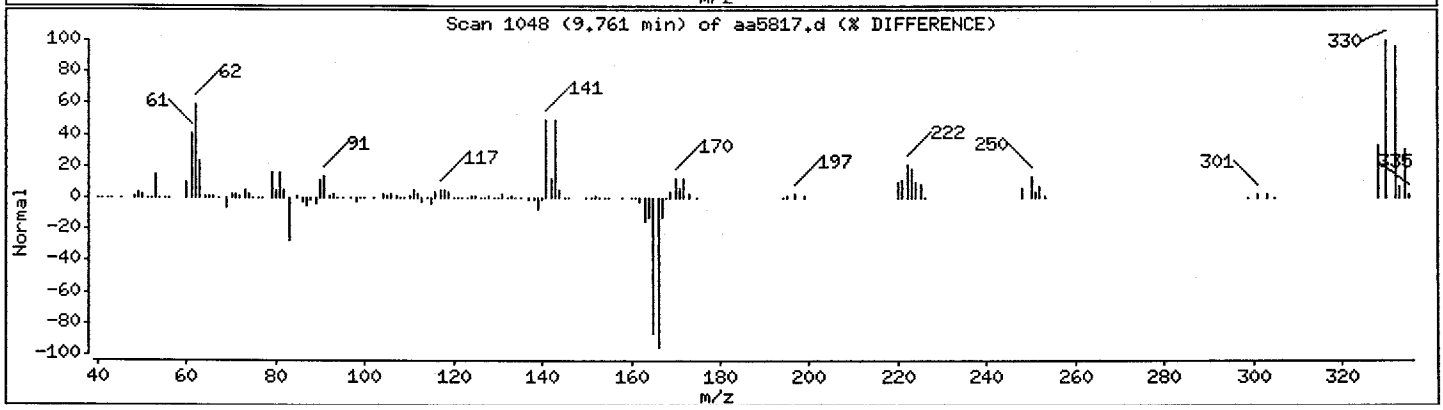
Concentration: 1.3 ug/L

FALSE POSITIVE Init









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

Client ID: 080508-13

Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0

Operator: BNAMS 4

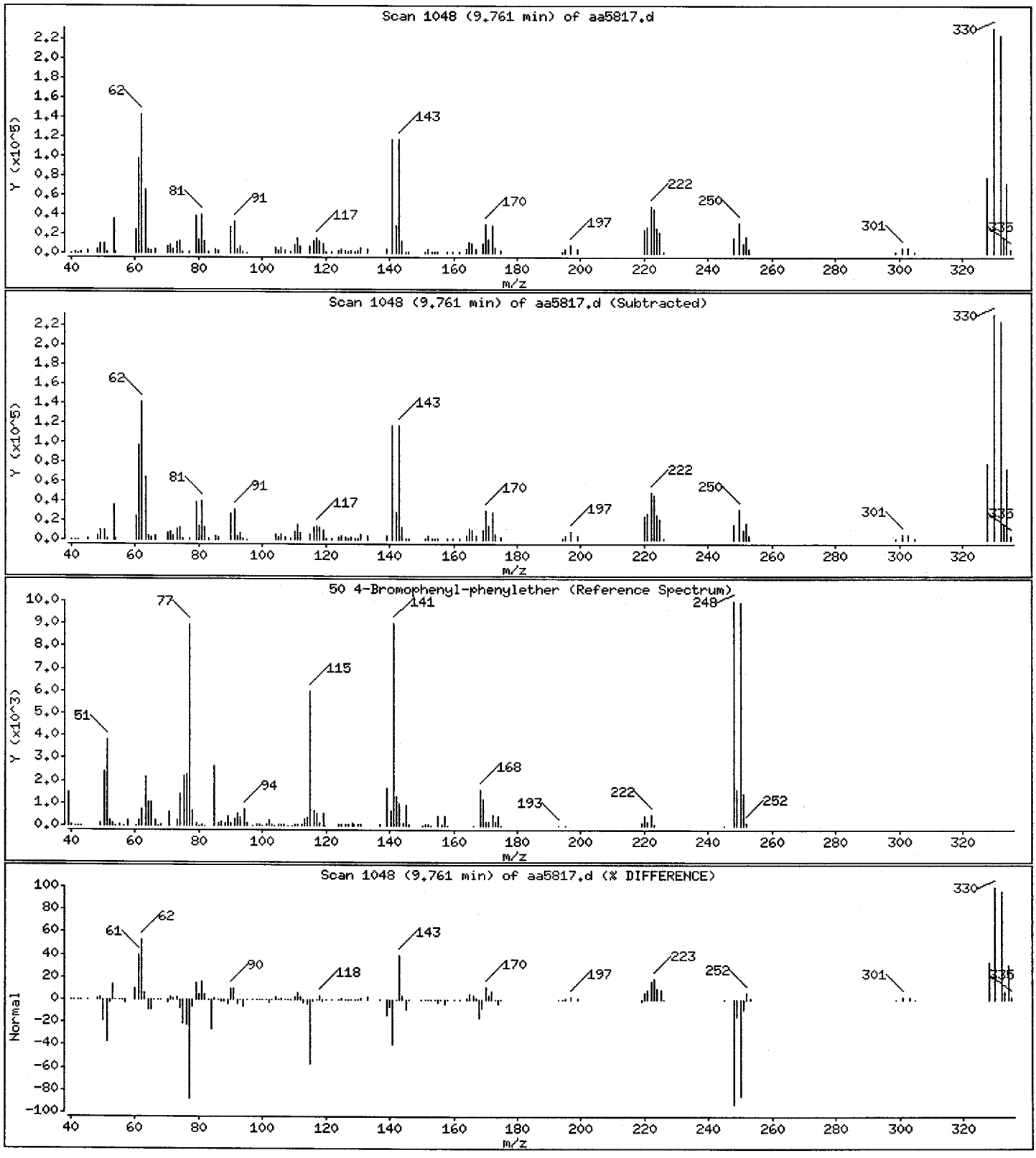
Column phase: DB-5

Column diameter: 0.25

50 4-Bromophenyl-phenylether

Concentration: 6.5 ug/L

FALSE POSITIVE



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

Client ID: 080508-13 Instrument: BNAMS8.i

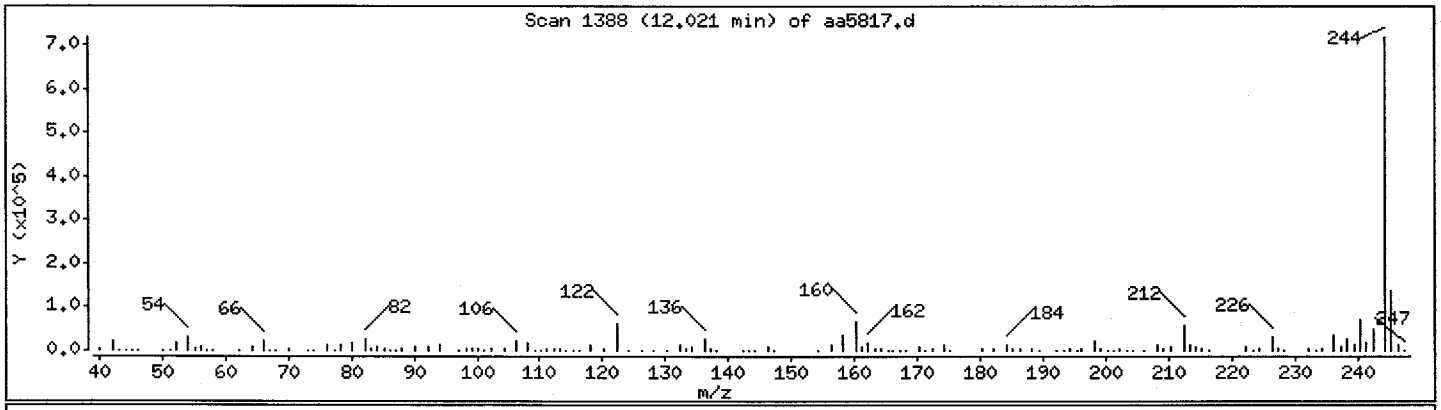
Sample Info: 940366;4447207

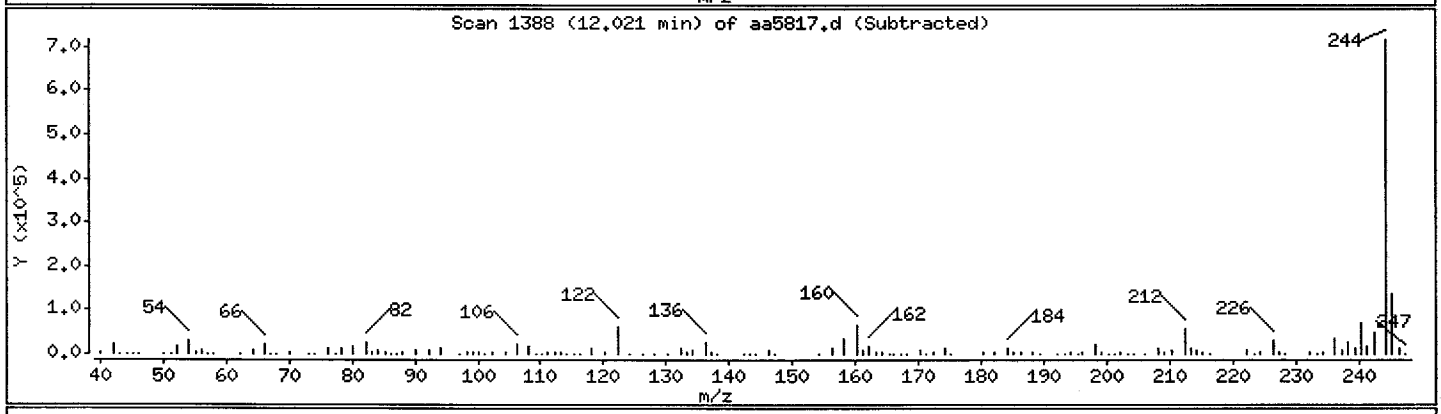
Volume Injected (uL): 1.0 Operator: BNAMS 4

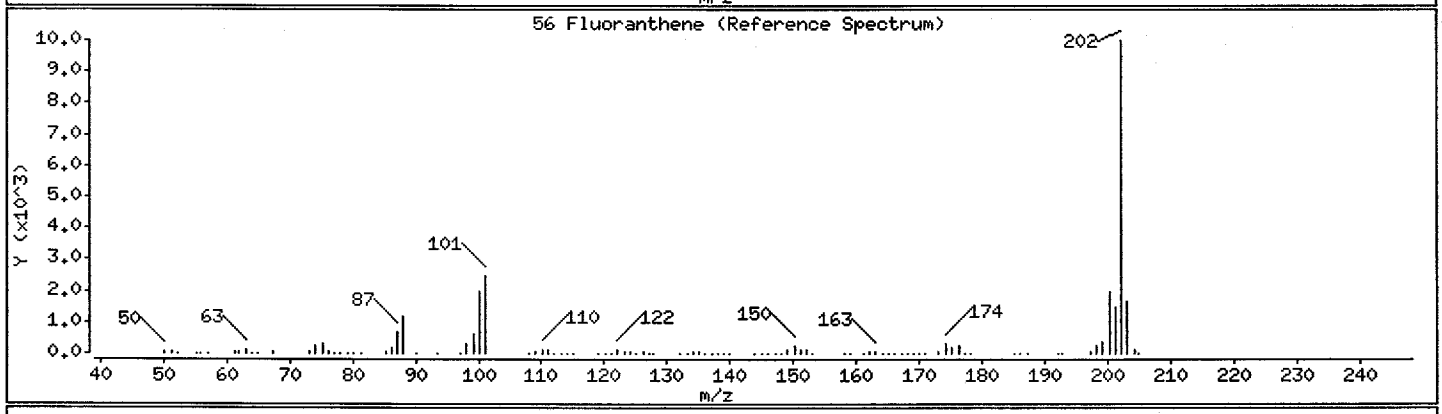
Column phase: DB-5 Column diameter: 0.25

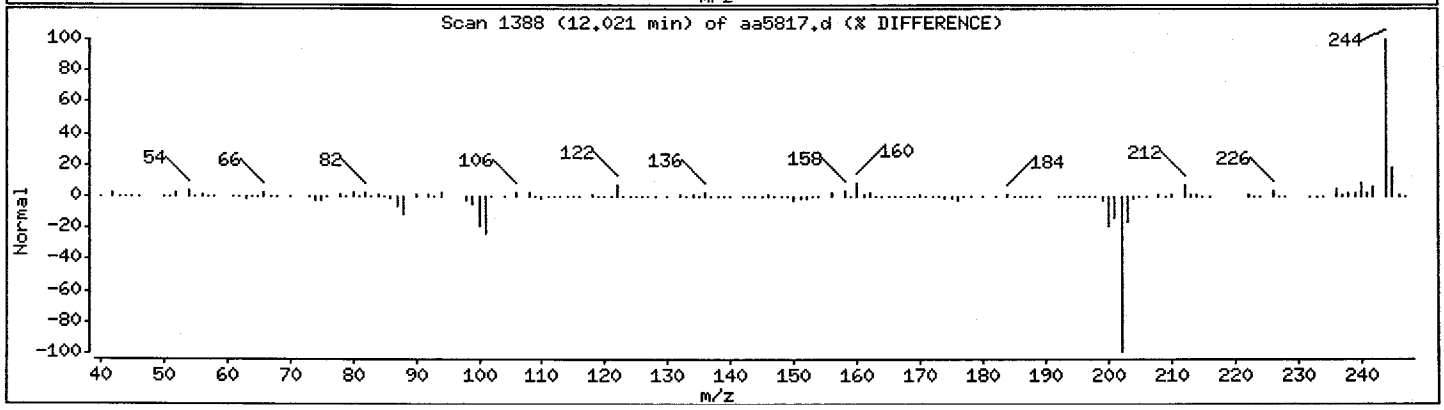
56 Fluoranthene Concentration: 0.21 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

Client ID: 080508-13

Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0

Operator: BNAMS 4

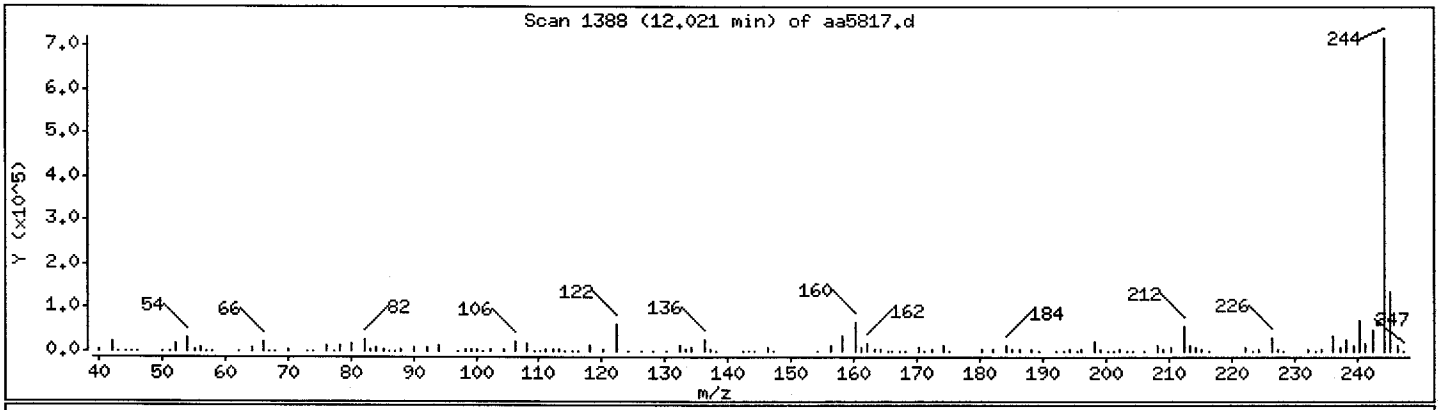
Column phase: DB-5

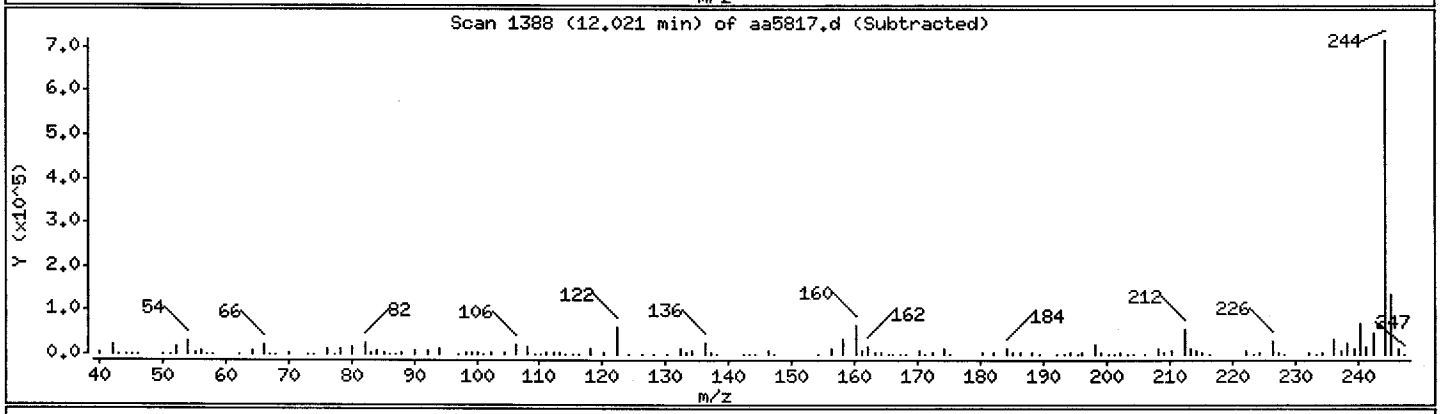
Column diameter: 0.25

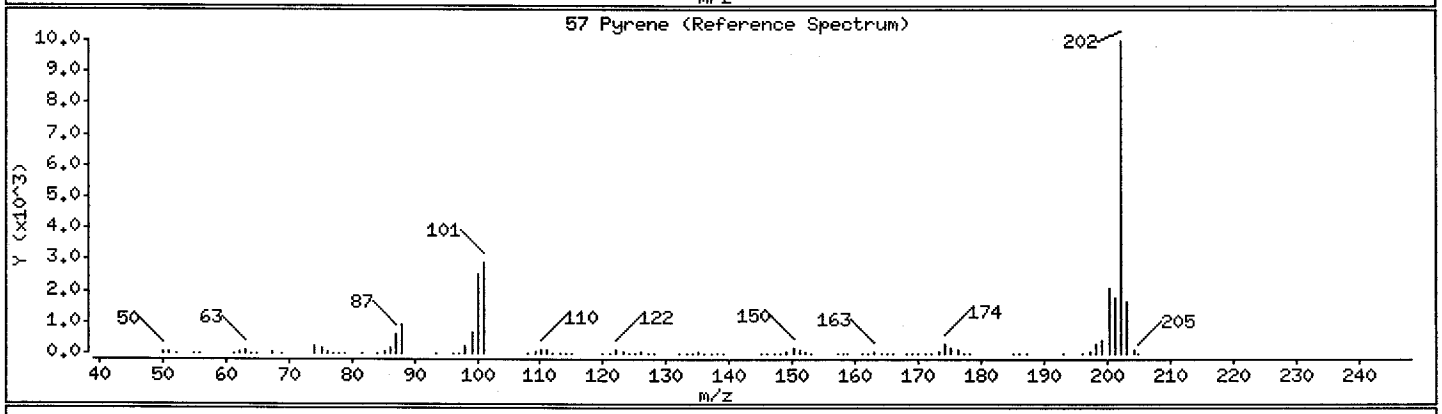
FALSE POSITIVE
Init.

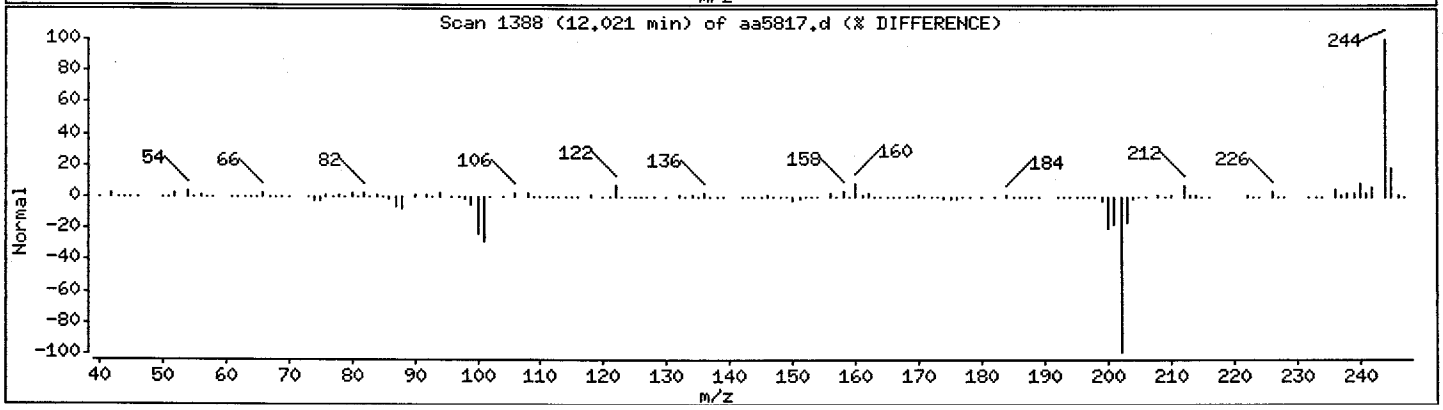
57 Pyrene

Concentration: 0.24 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

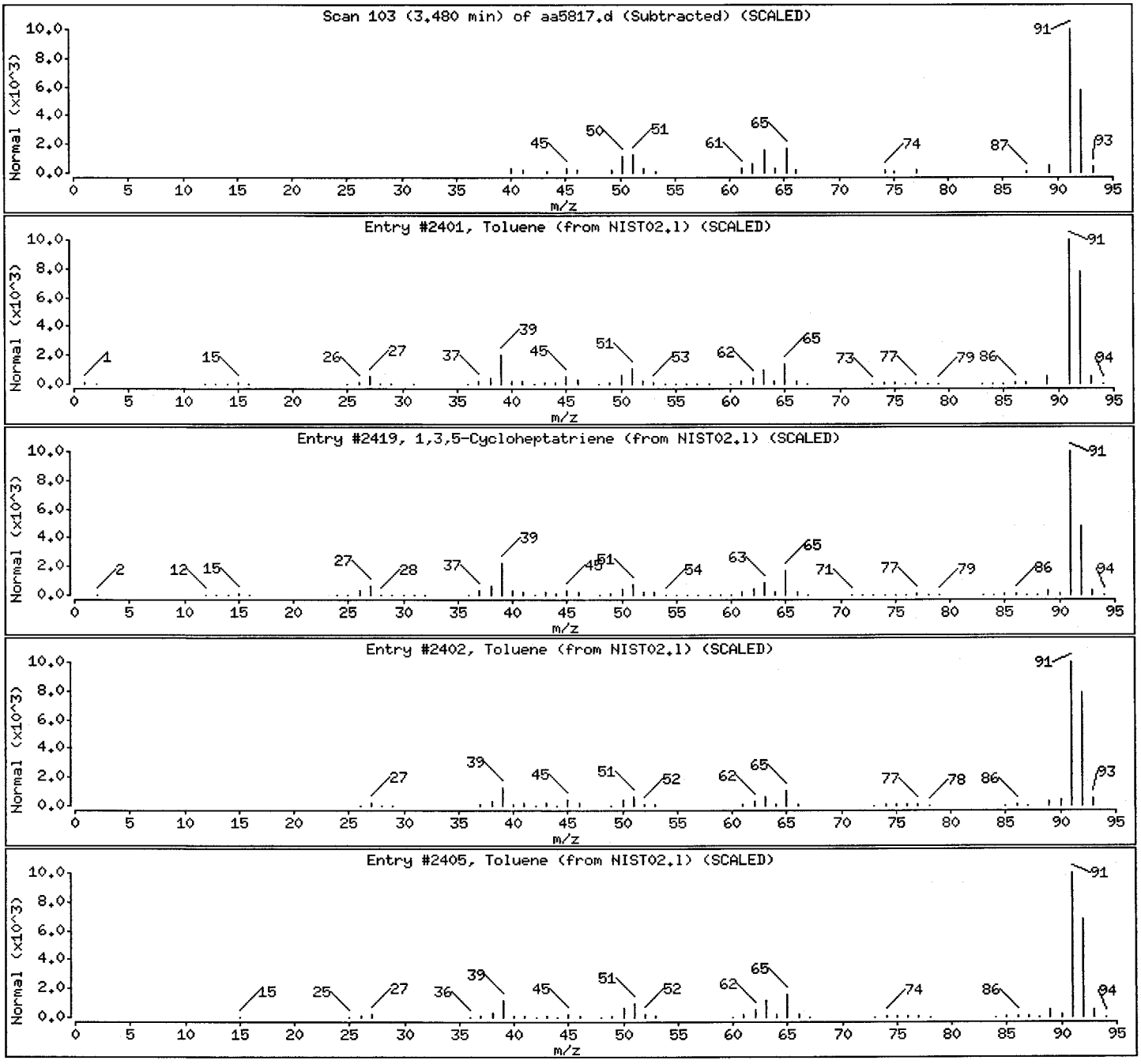
Client ID: 080508-13 Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2401	93	C7H8	92
1,3,5-Cycloheptatriene	544-25-2	NIST02.l	2419	90	C7H8	92
Toluene	108-88-3	NIST02.l	2402	90	C7H8	92
Toluene	108-88-3	NIST02.l	2405	90	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

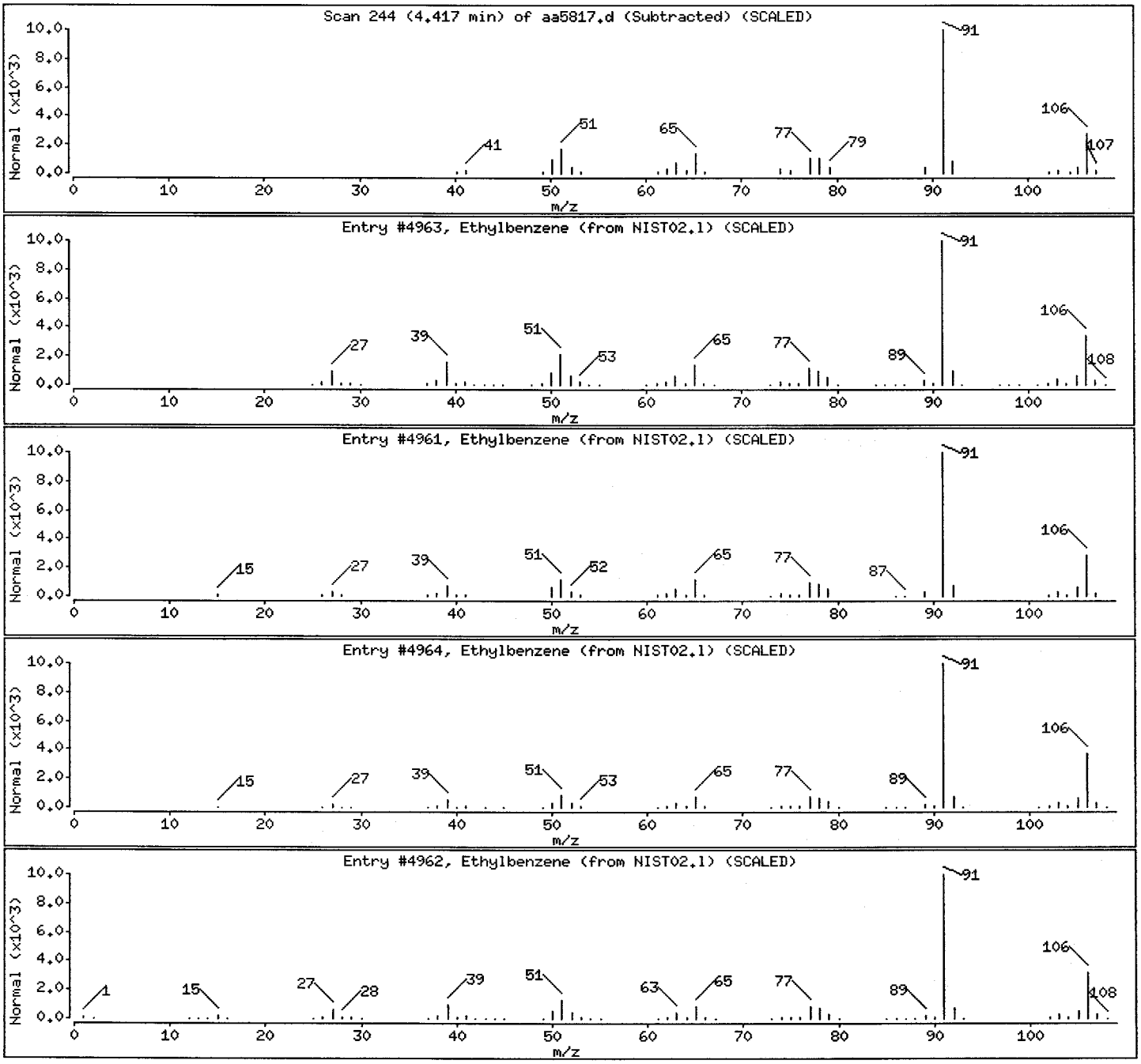
Client ID: 080508-13 Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4963	94	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	93	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	90	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	87	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

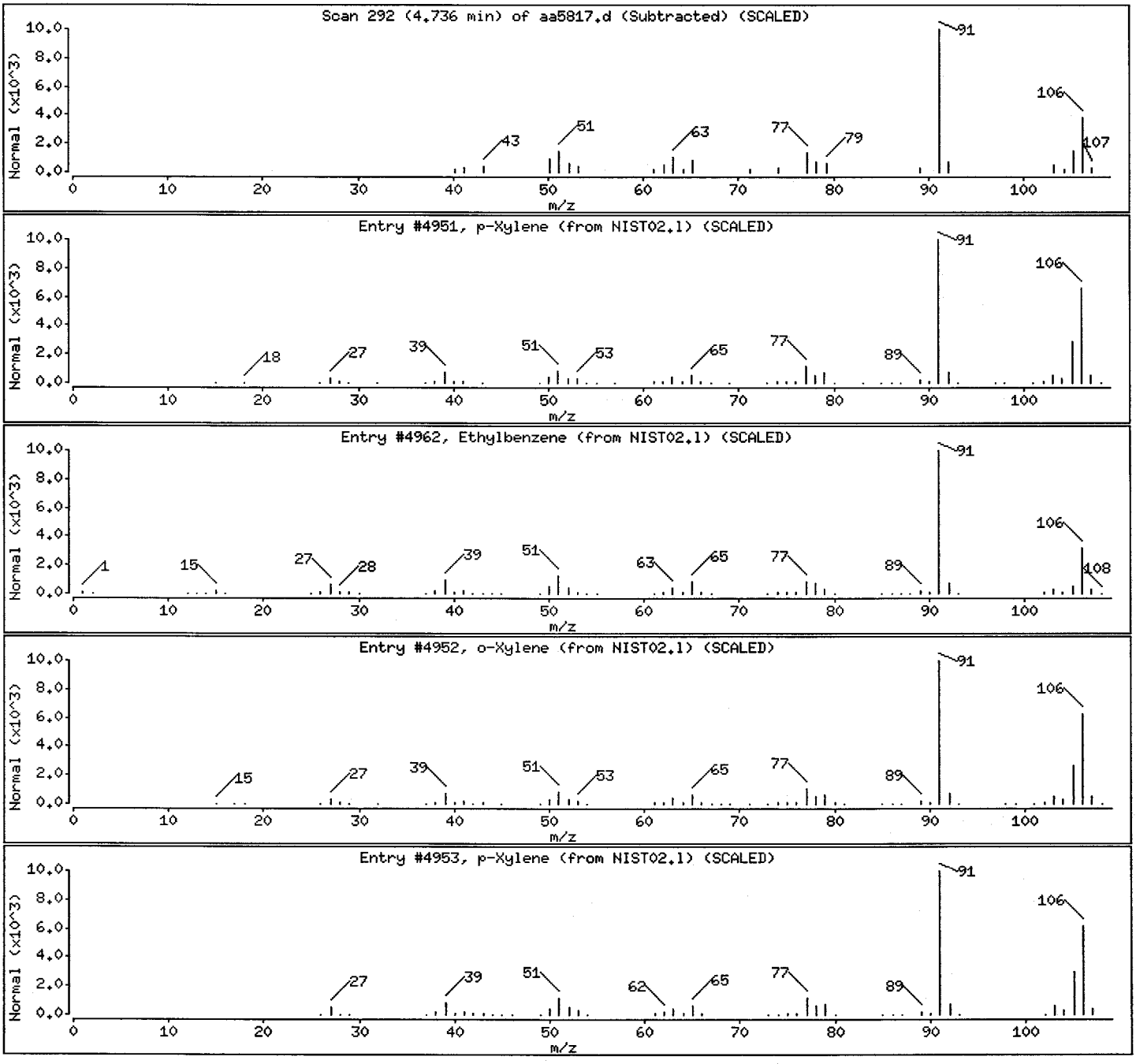
Client ID: 080508-13 Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
p-Xylene	106-42-3	NIST02.l	4951	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	90	C8H10	106
o-Xylene	95-47-6	NIST02.l	4952	90	C8H10	106
p-Xylene	106-42-3	NIST02.l	4953	87	C8H10	106



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

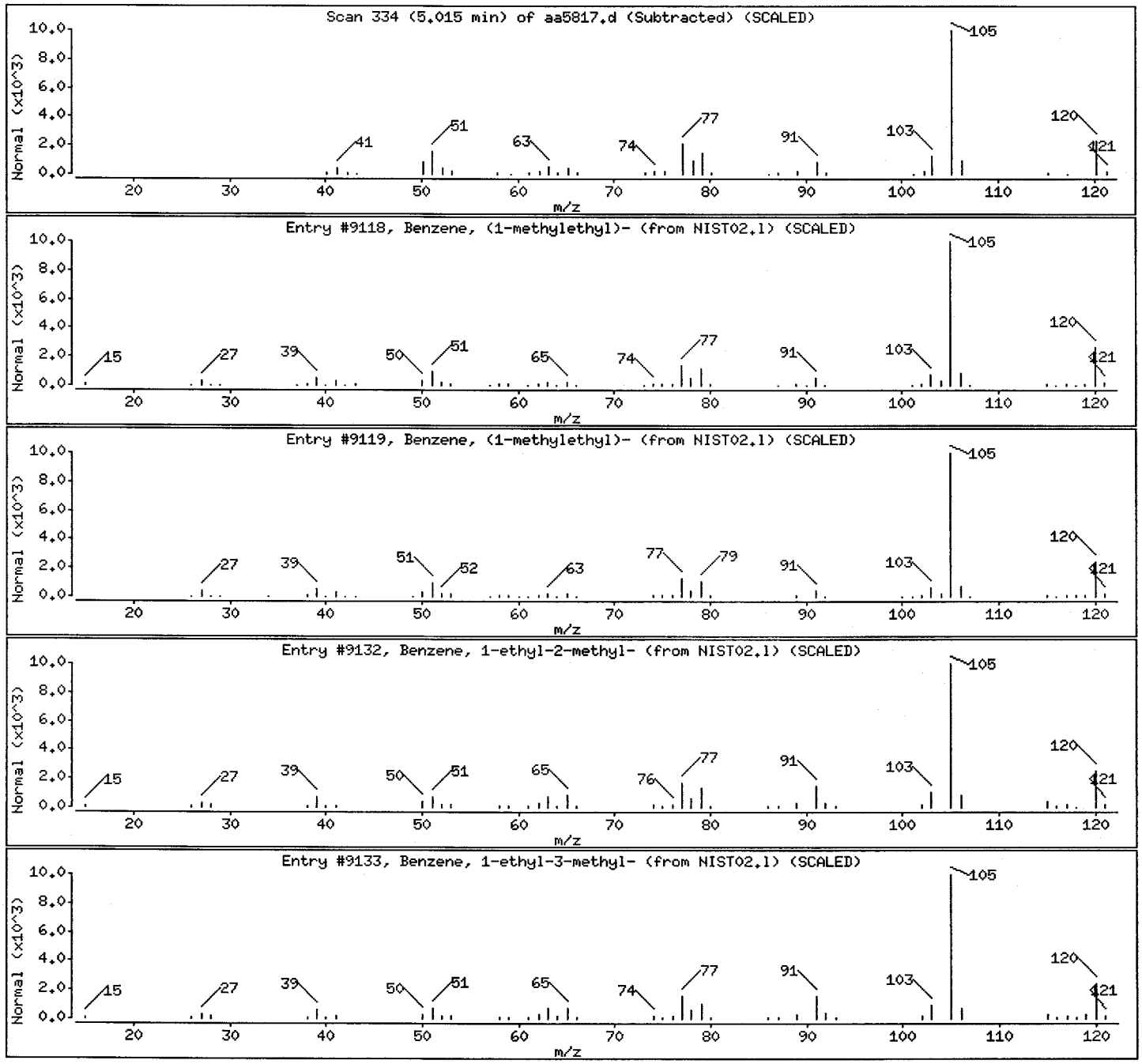
Client ID: 080508-13 Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	91	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	91	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9132	87	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9133	87	C9H12	120



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

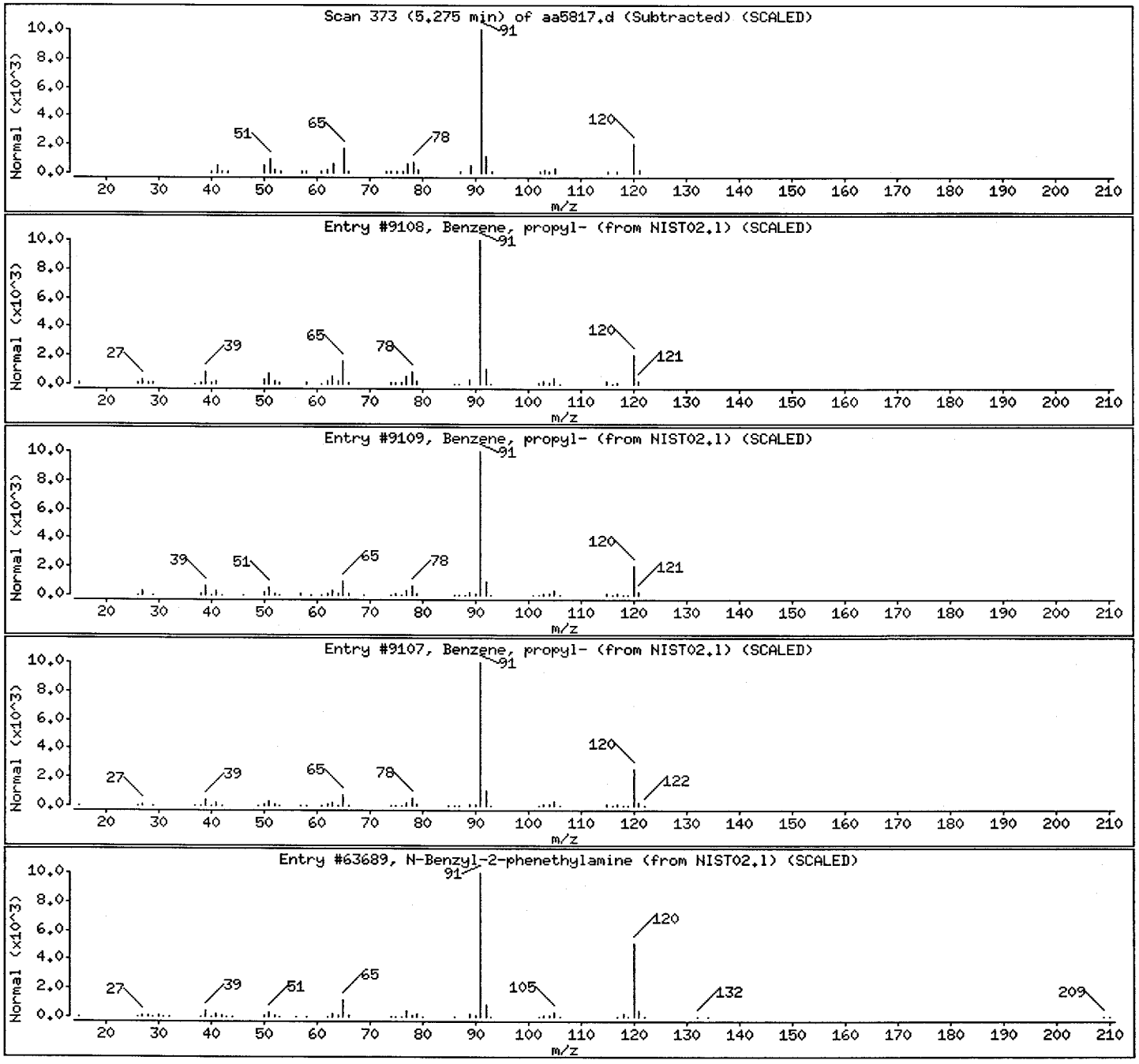
Client ID: 080508-13 Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9108	94	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9109	86	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9107	78	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.l	63689	72	C15H17N	211



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5817.d

Date : 11-AUG-2008 02:41

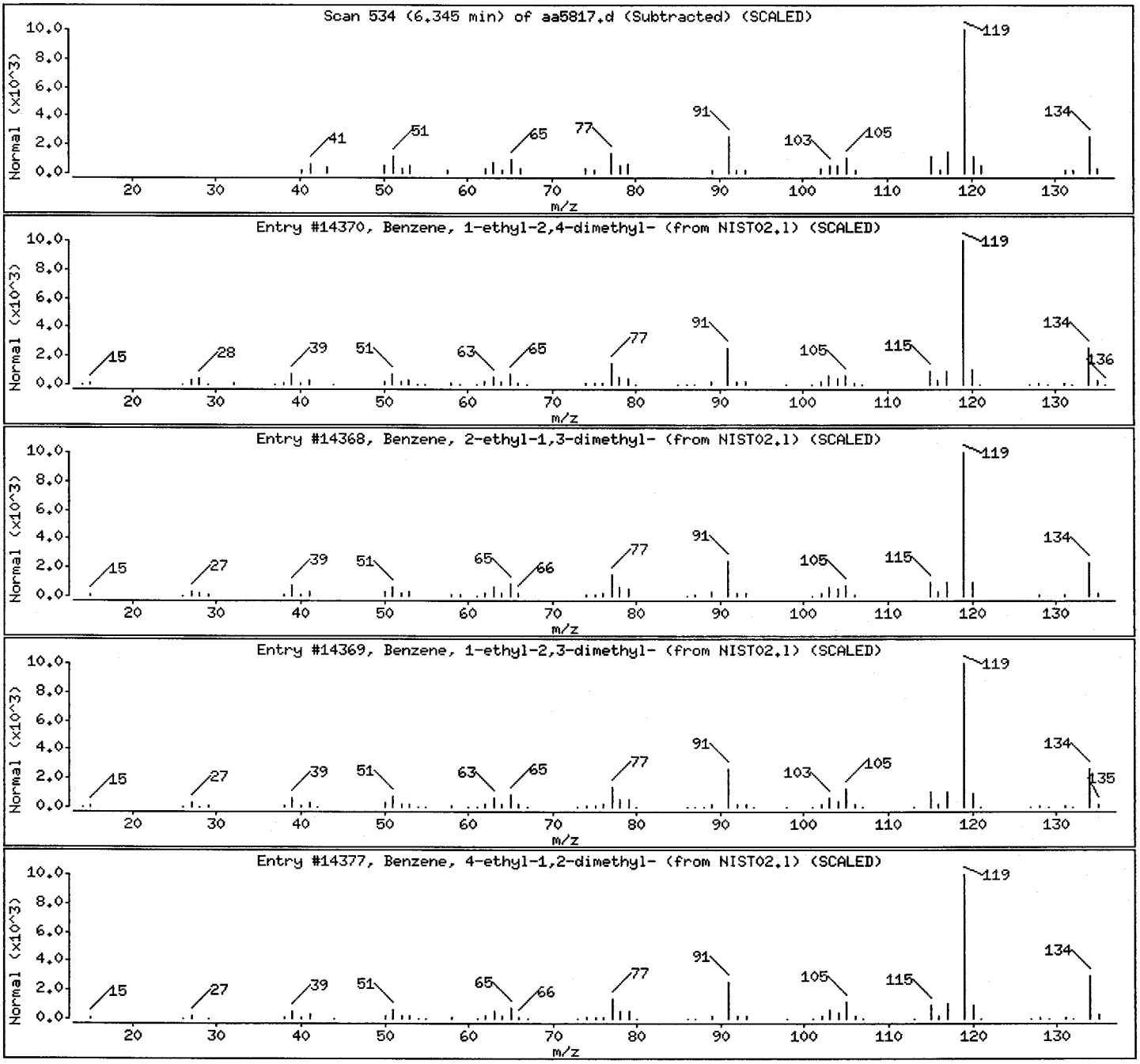
Client ID: 080508-13 Instrument: BNAMS8.i

Sample Info: 940366;4447207

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	97	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14368	96	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	96	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134



Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5818.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5818.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-14**
Site: GM Wilmington-17338

Lab Sample No: **940367**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5818.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d
Report Date: 11-Aug-2008 14:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d
Lab Smp Id: 940367 Client Smp ID: 080508-14
Inj Date : 11-AUG-2008 03:05
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940367;4447233
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

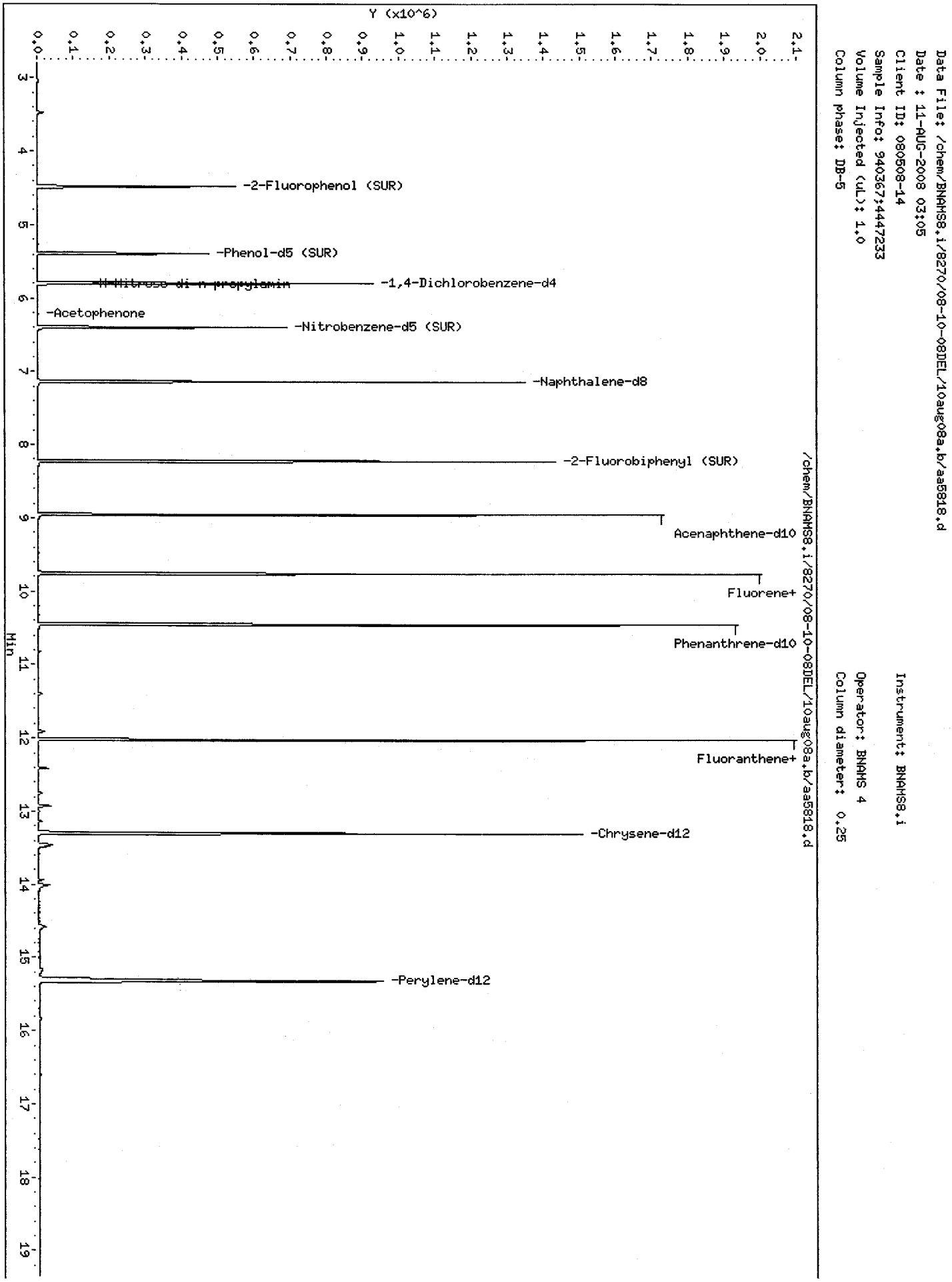
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.483	4.483	(0.773)	143314	38.9581	80
$ 17 Phenol-d5 (SUR)	99	5.393	5.401	(0.930)	123577	23.9660	49
* 79 1,4-Dichlorobenzene-d4	152	5.799	5.799	(1.000)	119232	40.0000	
104 Acetophenone	105	6.217	6.231	(1.072)	956	0.15258	0.31(a)
25 N-Nitroso-di-n-propylamine	70	5.812	6.238	(1.002)	2415	0.65476	1.3
$ 76 Nitrobenzene-d5 (SUR)	82	6.403	6.404	(0.898)	222264	36.5704	75
* 80 Naphthalene-d8	136	7.135	7.135	(1.000)	522103	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.225	8.232	(0.918)	402428	38.6963	79
* 82 Acenaphthene-d10	164	8.956	8.956	(1.000)	379801	40.0000	
47 Fluorene	166	9.760	9.501	(1.090)	7841	0.69608	1.4(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.760	9.767	(1.090)	203943	88.9133	180
50 4-Bromophenyl-phenylether	248	9.760	9.953	(0.934)	13359	3.38046	6.9(a)
* 83 Phenanthrene-d10	188	10.451	10.459	(1.000)	644812	40.0000	
56 Fluoranthene	202	12.020	11.695	(1.150)	2588	0.11392	0.23(a)
57 Pyrene	202	12.020	11.934	(0.904)	2588	0.13232	0.27(a)
$ 78 Terphenyl-d14	244	12.020	12.020	(0.904)	629970	41.4907	85

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d
Report Date: 11-Aug-2008 14:34

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 81 Chrysene-d12	240	13.302	13.310	(1.000)	681726	40.0000	
* 84 Perylene-d12	264	15.316	15.324	(1.000)	568804	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d
Date : 11-AUG-2008 03:05
Client ID: 080508-14
Sample Info: 940367;4447233
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
N-Nitroso-di-n-propylamin
-1,4-Dichlorobenzene-d4
-Acetophenone
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Fluoranthene+
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d

Date : 11-AUG-2008 03:05

Client ID: 080508-14 Instrument: BNAMS8.i

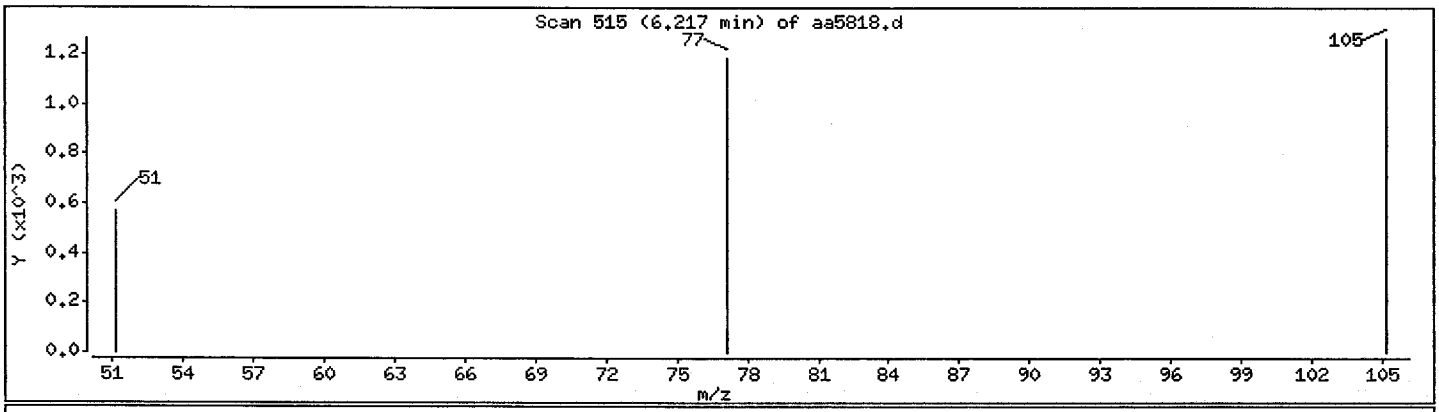
Sample Info: 940367;4447233

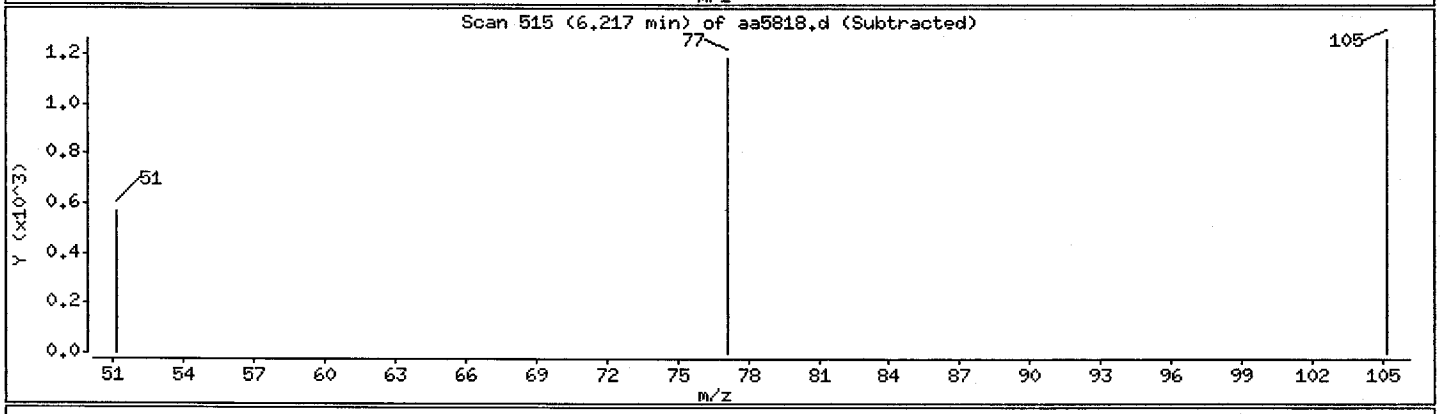
Volume Injected (uL): 1.0 Operator: BNAMS 4

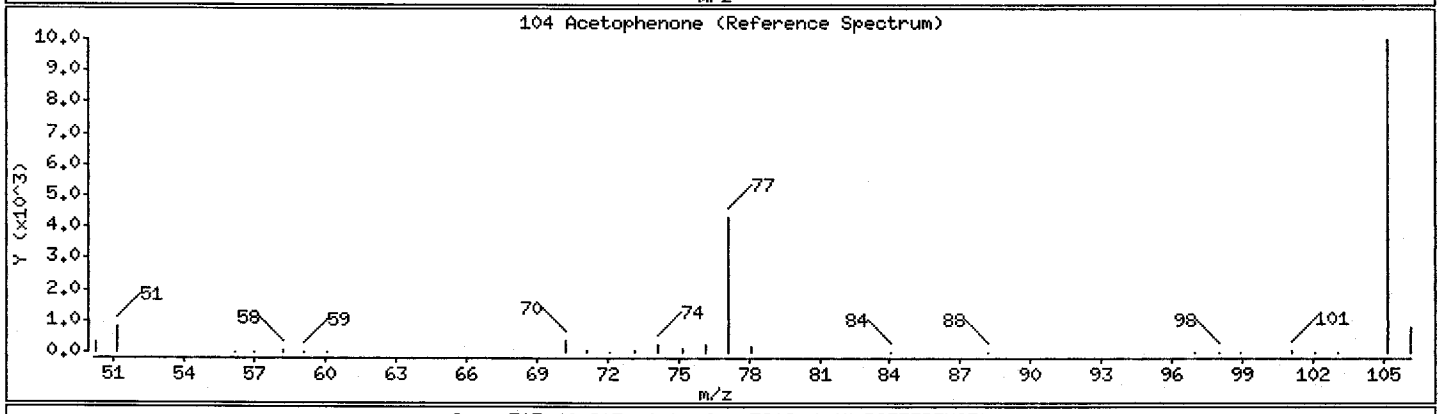
Column phase: DB-5 Column diameter: 0.25

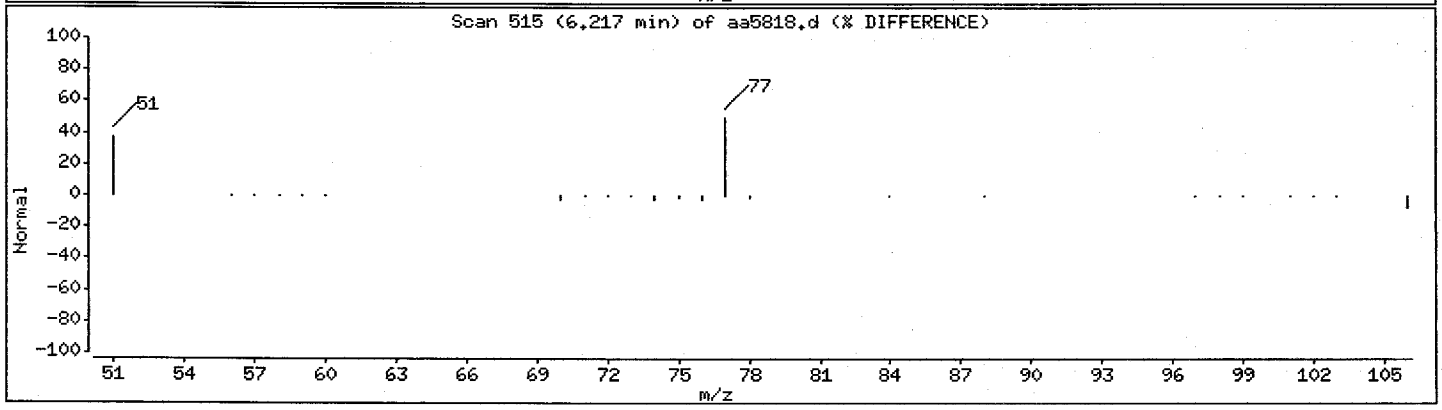
104 Acetophenone Concentration: 0.31 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d

Date : 11-AUG-2008 03:05

Client ID: 080508-14 Instrument: BNAMS8.i

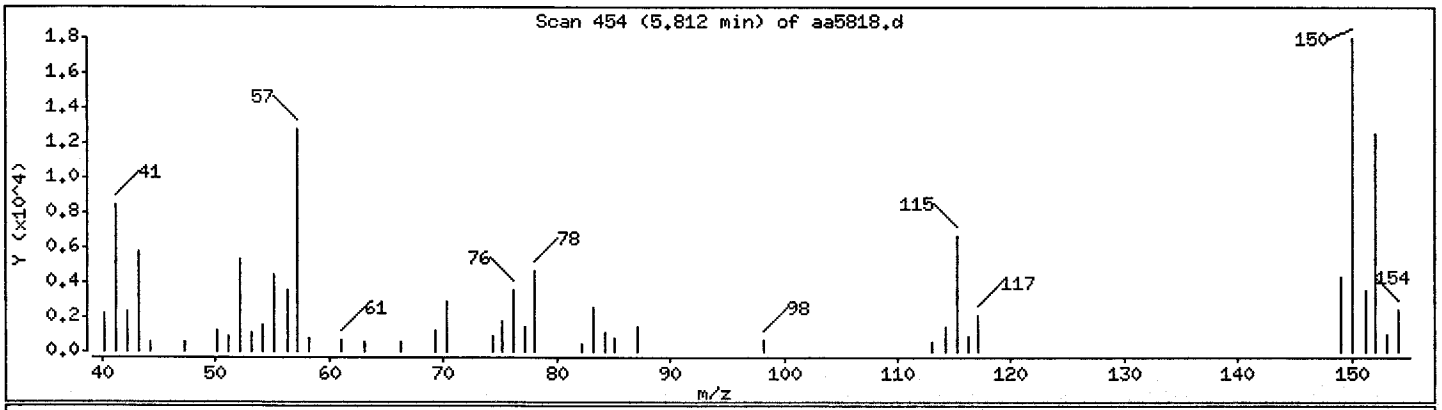
Sample Info: 940367;4447233

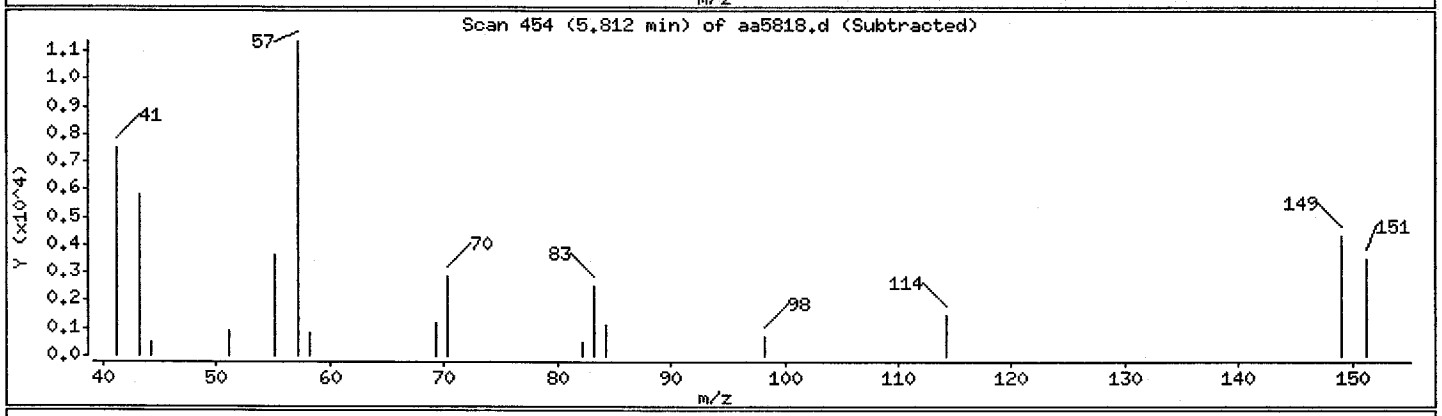
Volume Injected (uL): 1.0 Operator: BNAMS 4

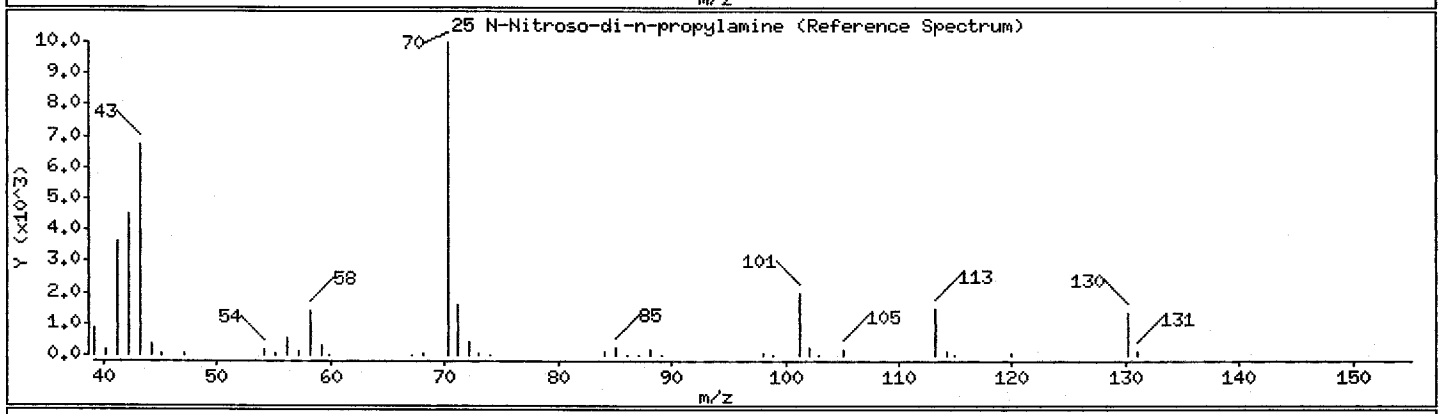
Column phase: DB-5 Column diameter: 0.25

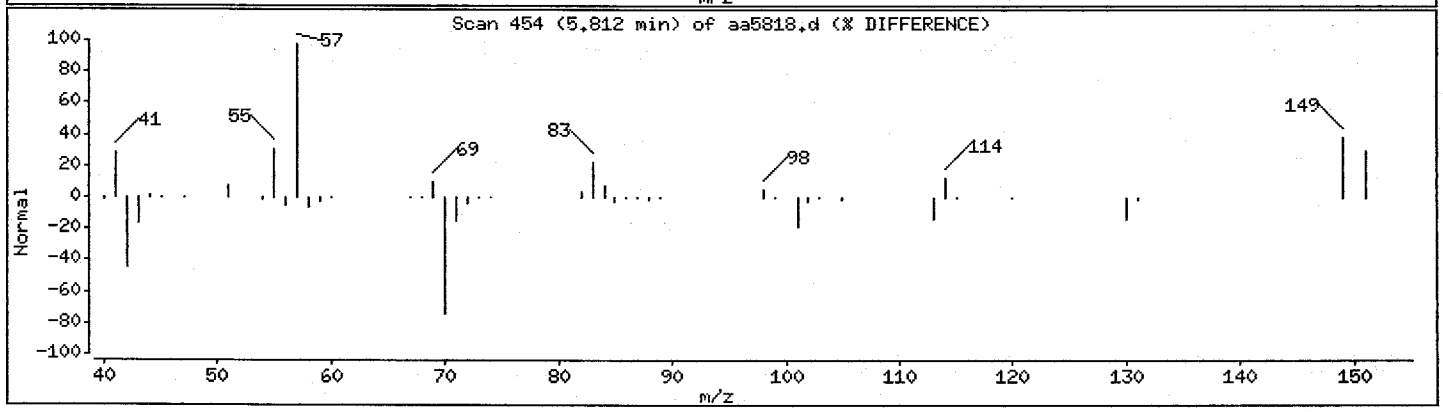
25 N-Nitroso-di-n-propylamine Concentration: 1.3 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d

Date : 11-AUG-2008 03:05

Client ID: 080508-14 Instrument: BNAMS8.i

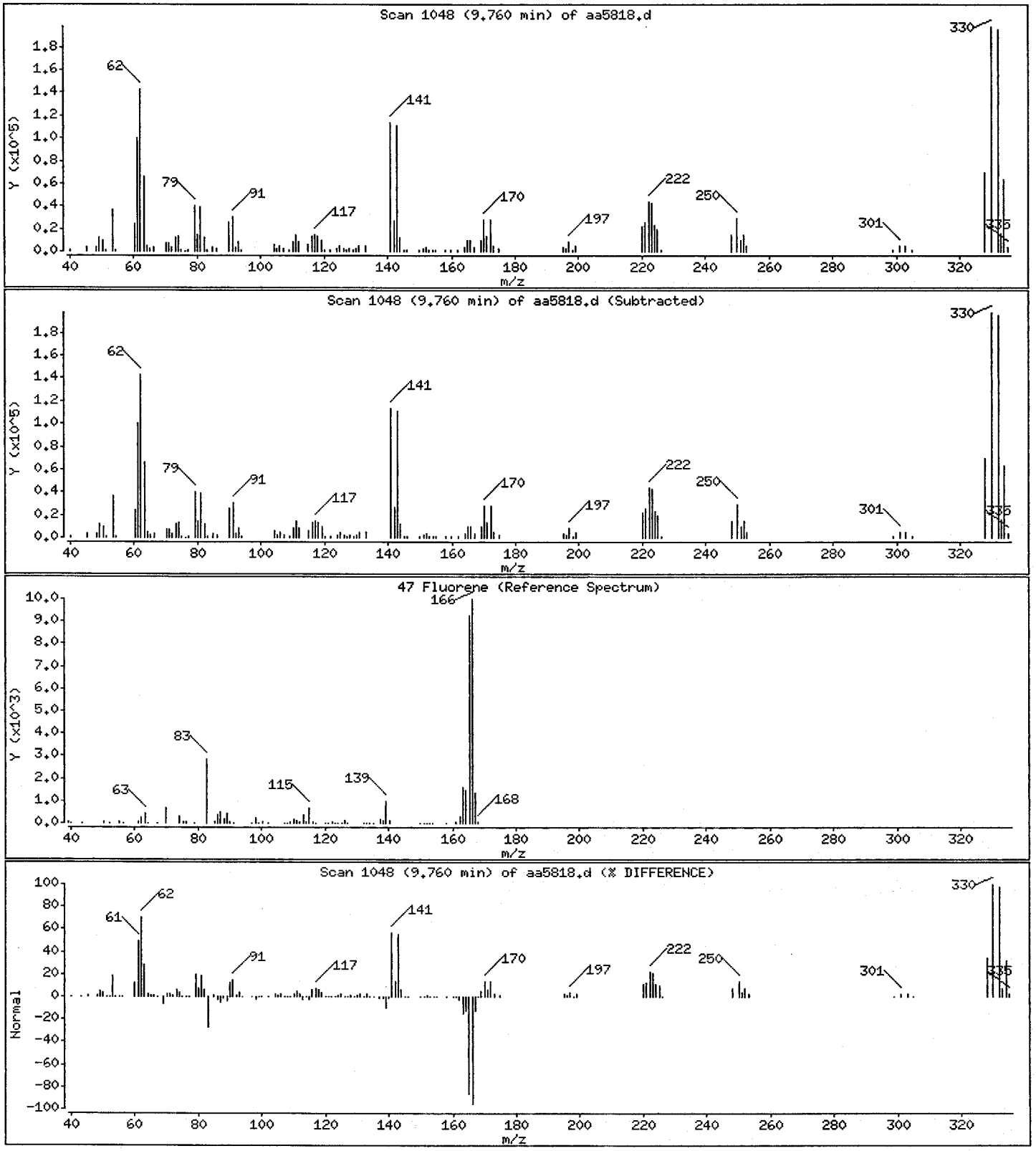
Sample Info: 940367;4447233

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 1.4 ug/L

FALSE POSITIVE Init. ch



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d

Date : 11-AUG-2008 03:05

Client ID: 080508-14 Instrument: BNAMS8.i

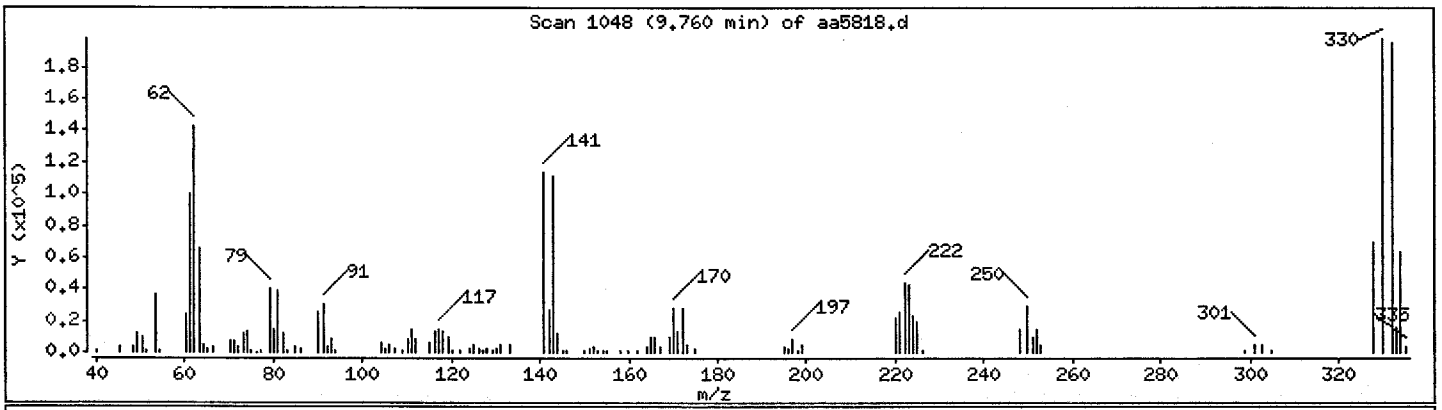
Sample Info: 940367;4447233

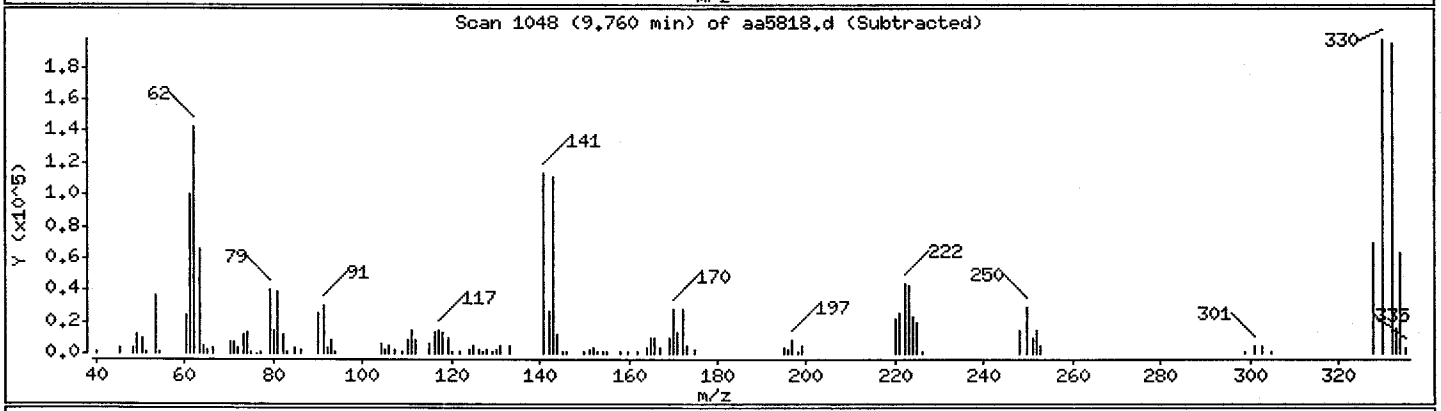
Volume Injected (uL): 1.0 Operator: BNAMS 4

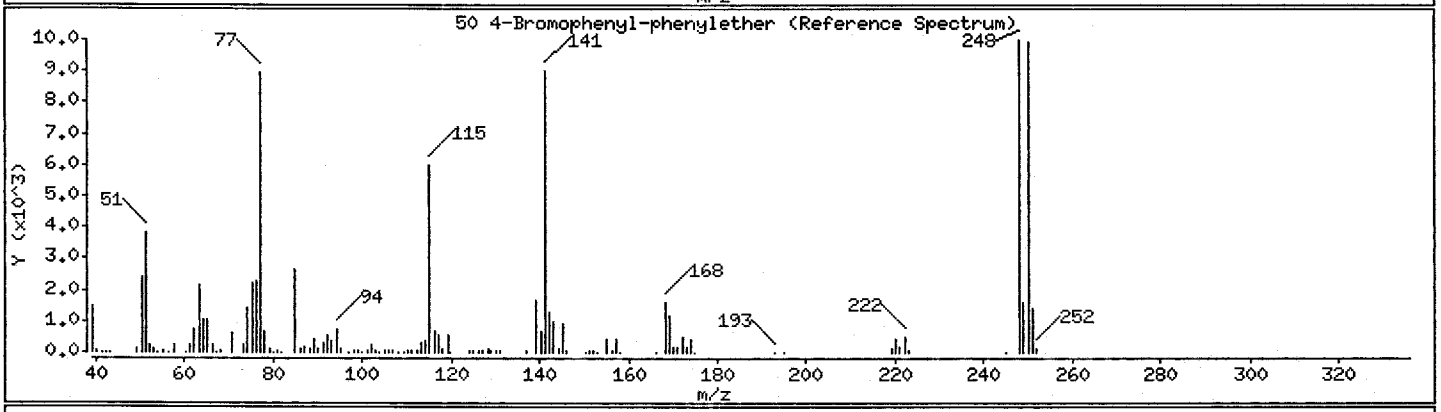
Column phase: DB-5 Column diameter: 0.25

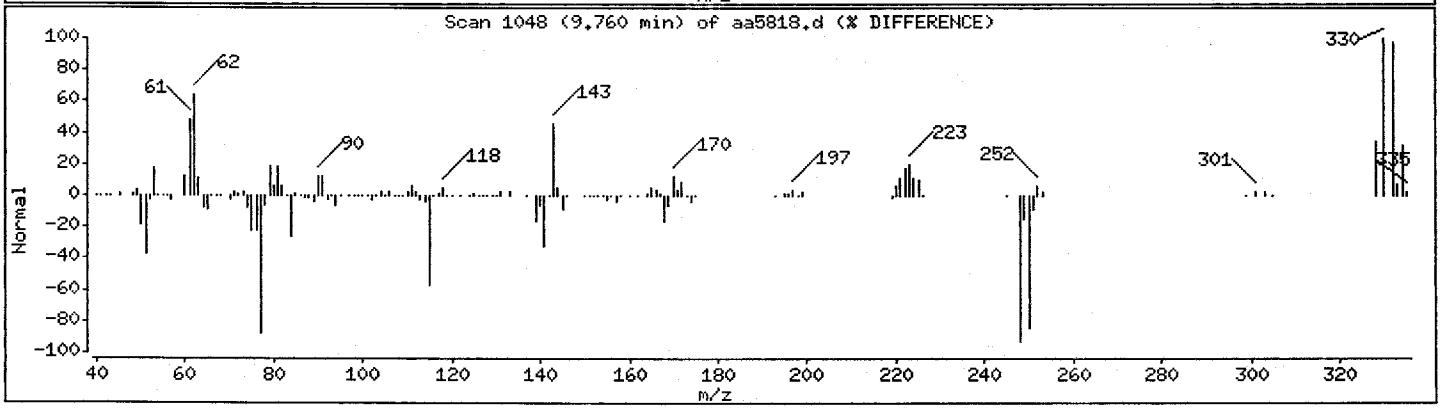
50 4-Bromophenyl-phenylether Concentration: 6.9 ug/L

FALSE POSITIVE
Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d

Date : 11-AUG-2008 03:05

Client ID: 080508-14 Instrument: BNAMS8.i

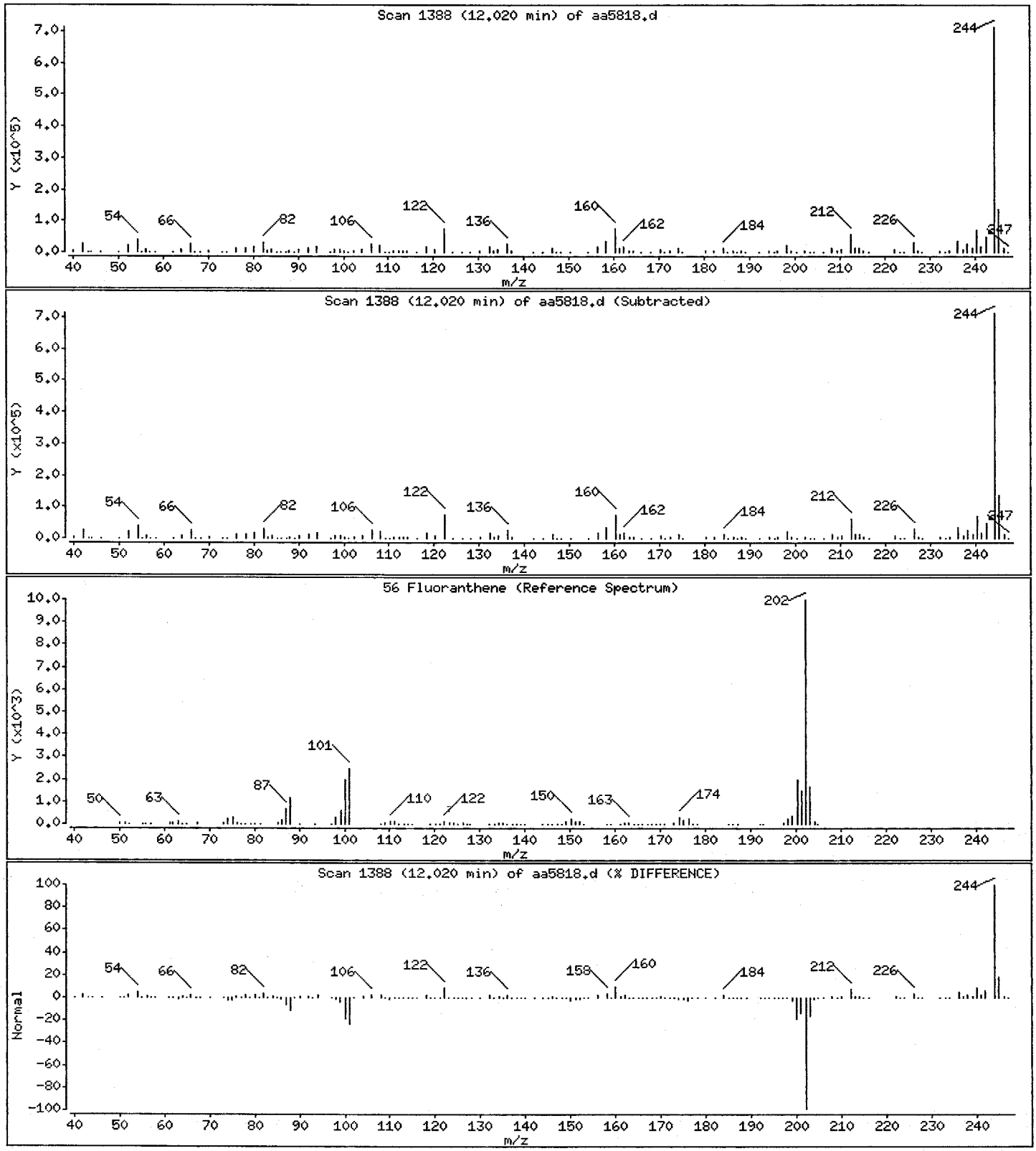
Sample Info: 940367;4447233

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 0.23 ug/L

FALSE POSITIVE Init.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5818.d

Date : 11-AUG-2008 03:05

Client ID: 080508-14

Instrument: BNAMS8.i

Sample Info: 940367;4447233

Volume Injected (uL): 1.0

Operator: BNAMS 4

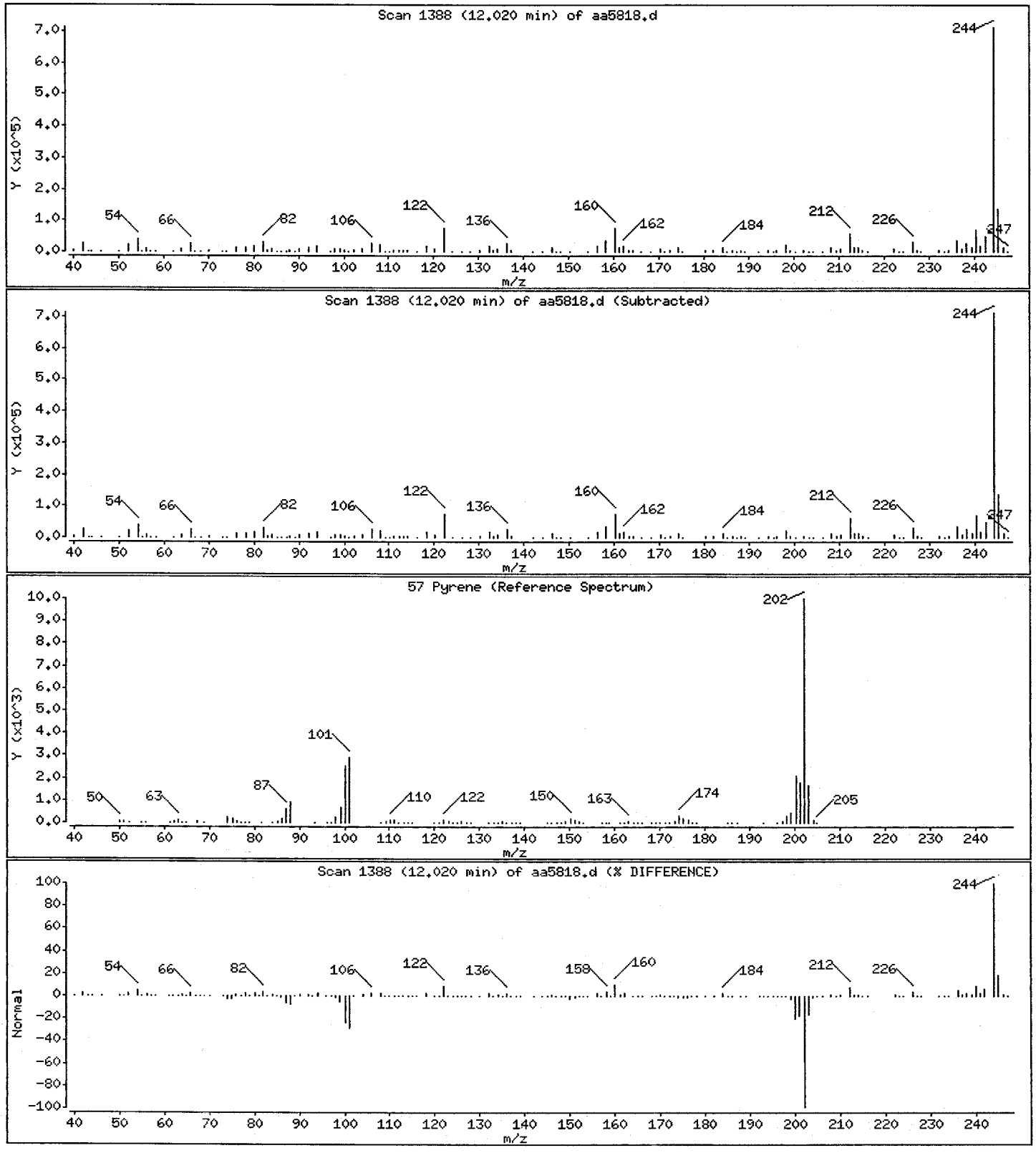
Column phase: DB-5

Column diameter: 0.25

57 Pyrene

Concentration: 0.27 ug/L

FALSE POSITIVE Init.



Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5819.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5819.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-15**
Site: GM Wilmington-17338

Lab Sample No: **940368**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5819.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.48	41	
2.	Ethylbenzene	4.42	8.4	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	49

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5819.d
Report Date: 11-Aug-2008 14:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5819.d
Lab Smp Id: 940368 Client Smp ID: 080508-15
Inj Date : 11-AUG-2008 03:29
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940368;4447259
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

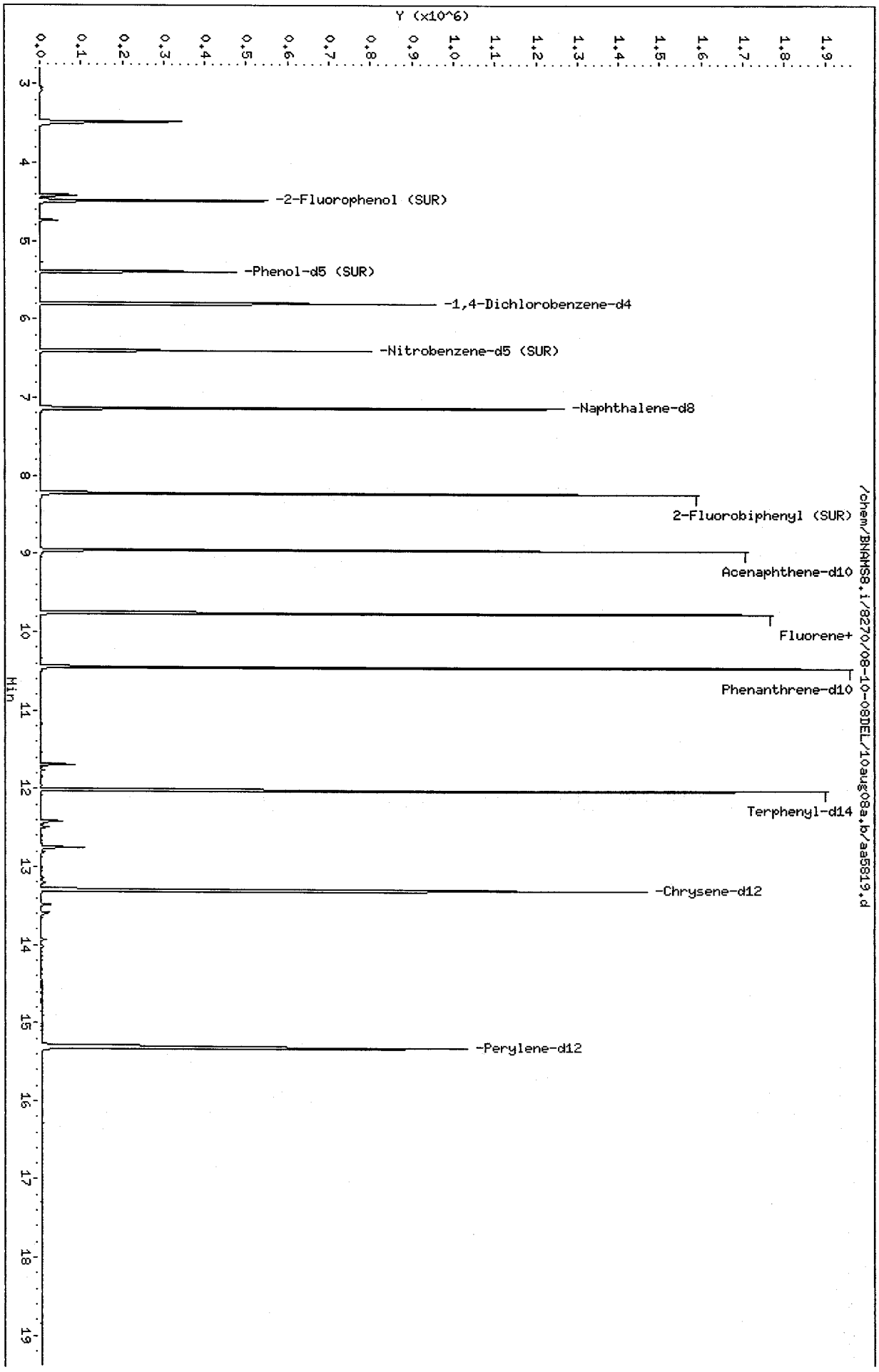
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.480	4.483	(0.773)	147777	35.9763	74
$ 17 Phenol-d5 (SUR)	99	5.390	5.401	(0.930)	124235	21.5775	44
* 79 1,4-Dichlorobenzene-d4	152	5.796	5.799	(1.000)	133135	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.401	6.404	(0.897)	220991	33.7665	70
* 80 Naphthalene-d8	136	7.138	7.135	(1.000)	562219	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.228	8.232	(0.919)	403648	36.1189	74
* 82 Acenaphthene-d10	164	8.953	8.956	(1.000)	408137	40.0000	
~~47 Fluorene~~	~~166~~	~~9.764~~	~~9.501~~	~~(1.091)~~	~~7355~~	~~0.60757~~	~~1.2~~(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.764	9.767	(1.091)	198357	80.4741	160
~~50 4-Bromophenyl-phenylether~~	~~248~~	~~9.764~~	~~9.953~~	~~(0.934)~~	~~13132~~	~~3.13725~~	~~6.5~~(a)
* 83 Phenanthrene-d10	188	10.455	10.459	(1.000)	682958	40.0000	
$ 78 Terphenyl-d14	244	12.017	12.020	(0.903)	605180	37.5117	77
* 81 Chrysene-d12	240	13.306	13.310	(1.000)	724367	40.0000	
* 84 Perylene-d12	264	15.320	15.324	(1.000)	608185	40.0000	

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5819.d
Report Date: 11-Aug-2008 14:34

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5819.d
Date : 11-AUG-2008 03:29
Client ID: 080508-15
Sample Info: 940368:4447259
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
2-Fluorobiphenyl (SUR)
Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Terphenyl-d14
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5819.d
Min

FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5819.d

Date : 11-AUG-2008 03:29

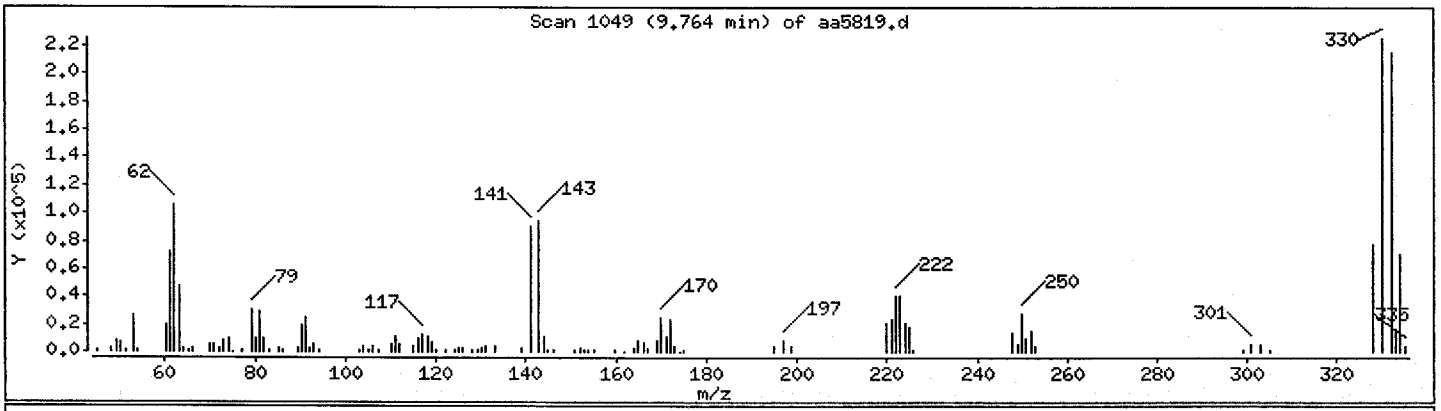
Client ID: 080508-15 Instrument: BNAMS8.i

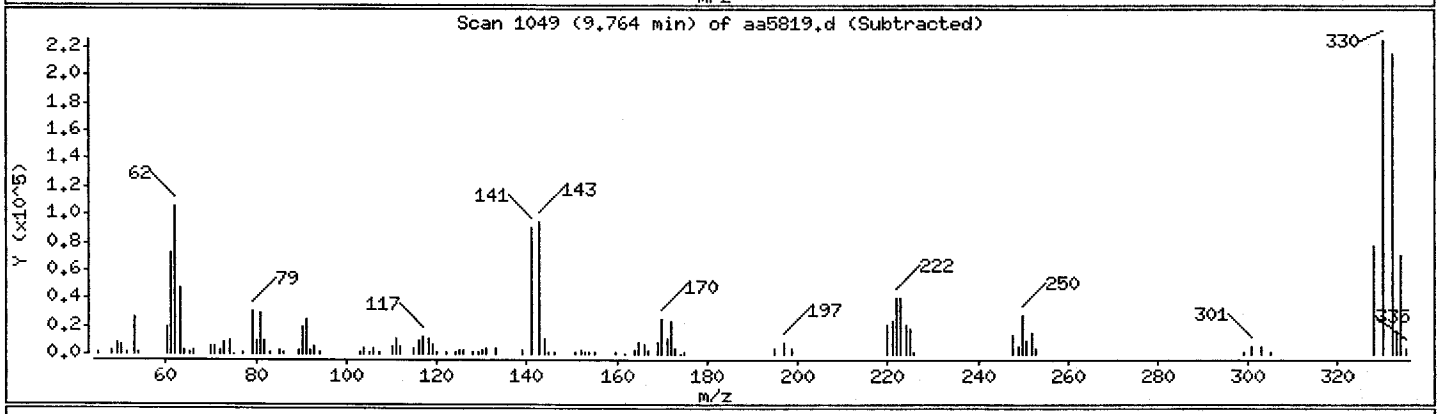
Sample Info: 940368;4447259

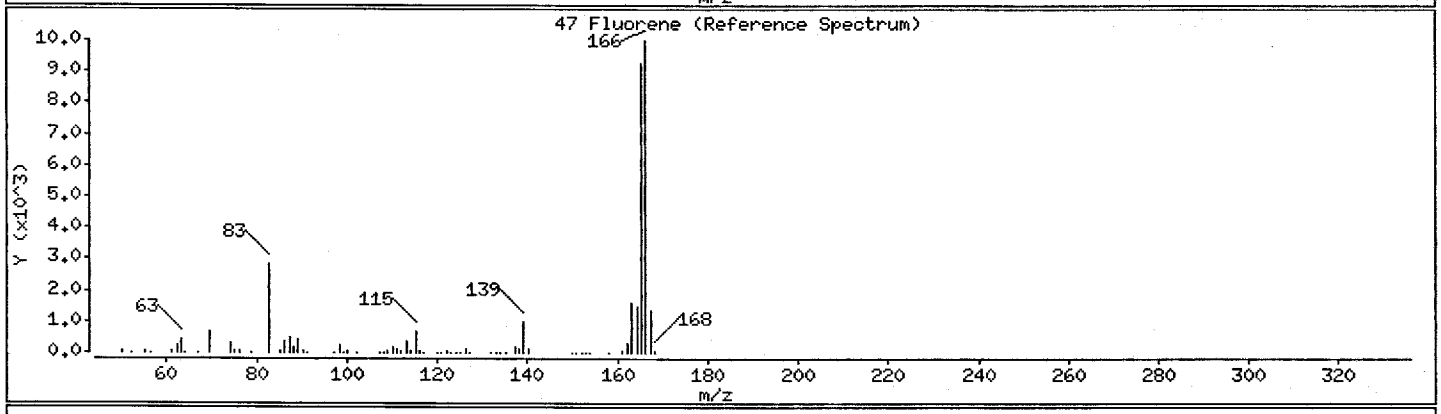
Volume Injected (uL): 1.0 Operator: BNAMS 4

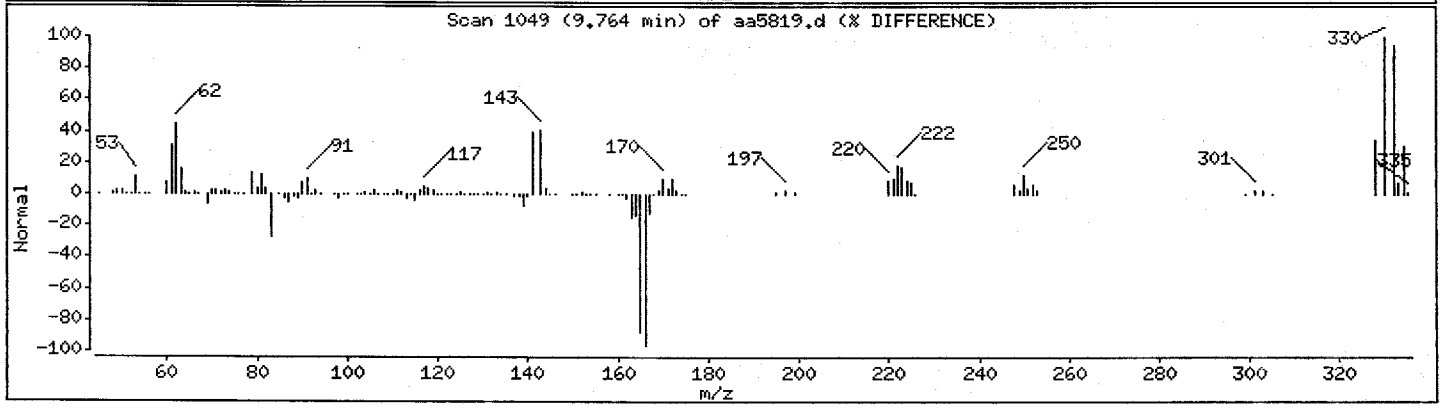
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 1.2 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5819.d

Date : 11-AUG-2008 03:29

Client ID: 080508-15 Instrument: BNAMS8.i

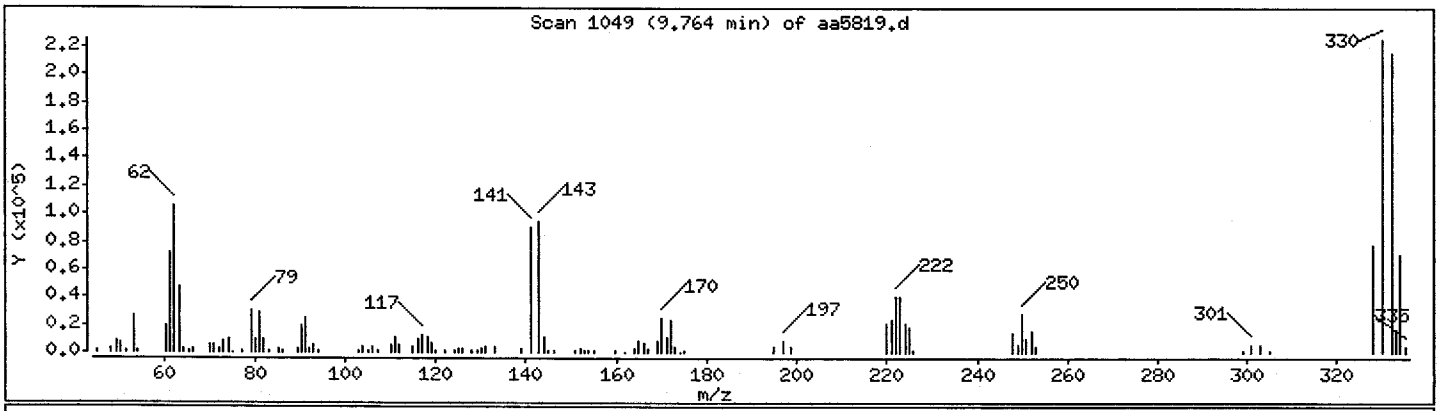
Sample Info: 940368;4447259

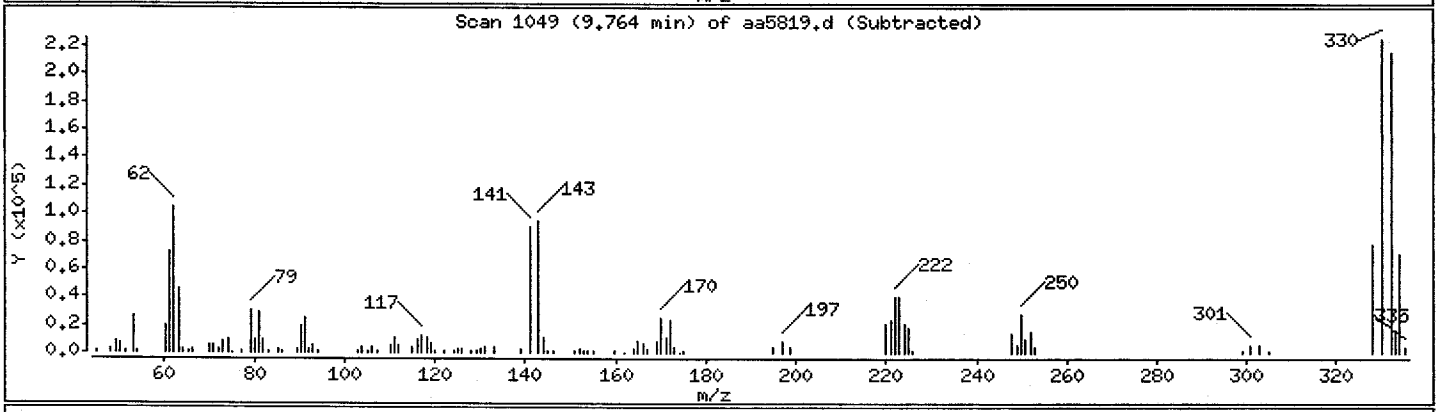
Volume Injected (uL): 1.0 Operator: BNAMS 4

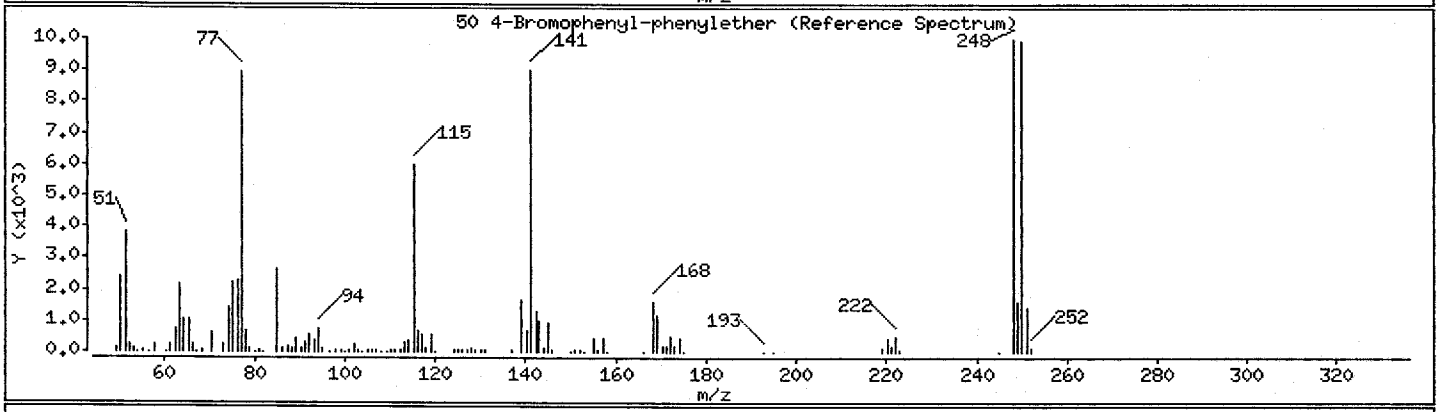
Column phase: DB-5 Column diameter: 0.25

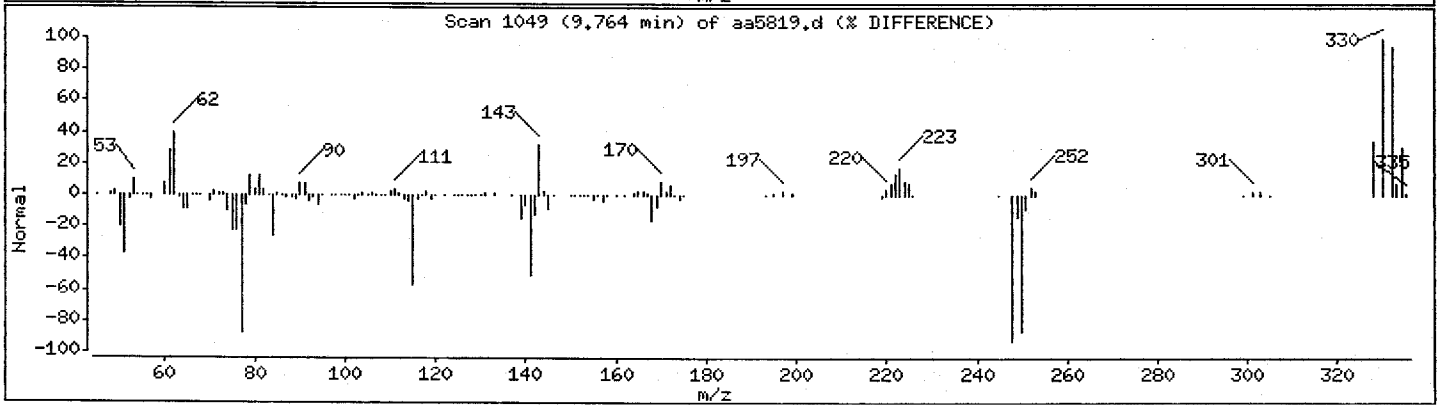
50 4-Bromophenyl-phenylether Concentration: 6.5 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5819.d

Date : 11-AUG-2008 03:29

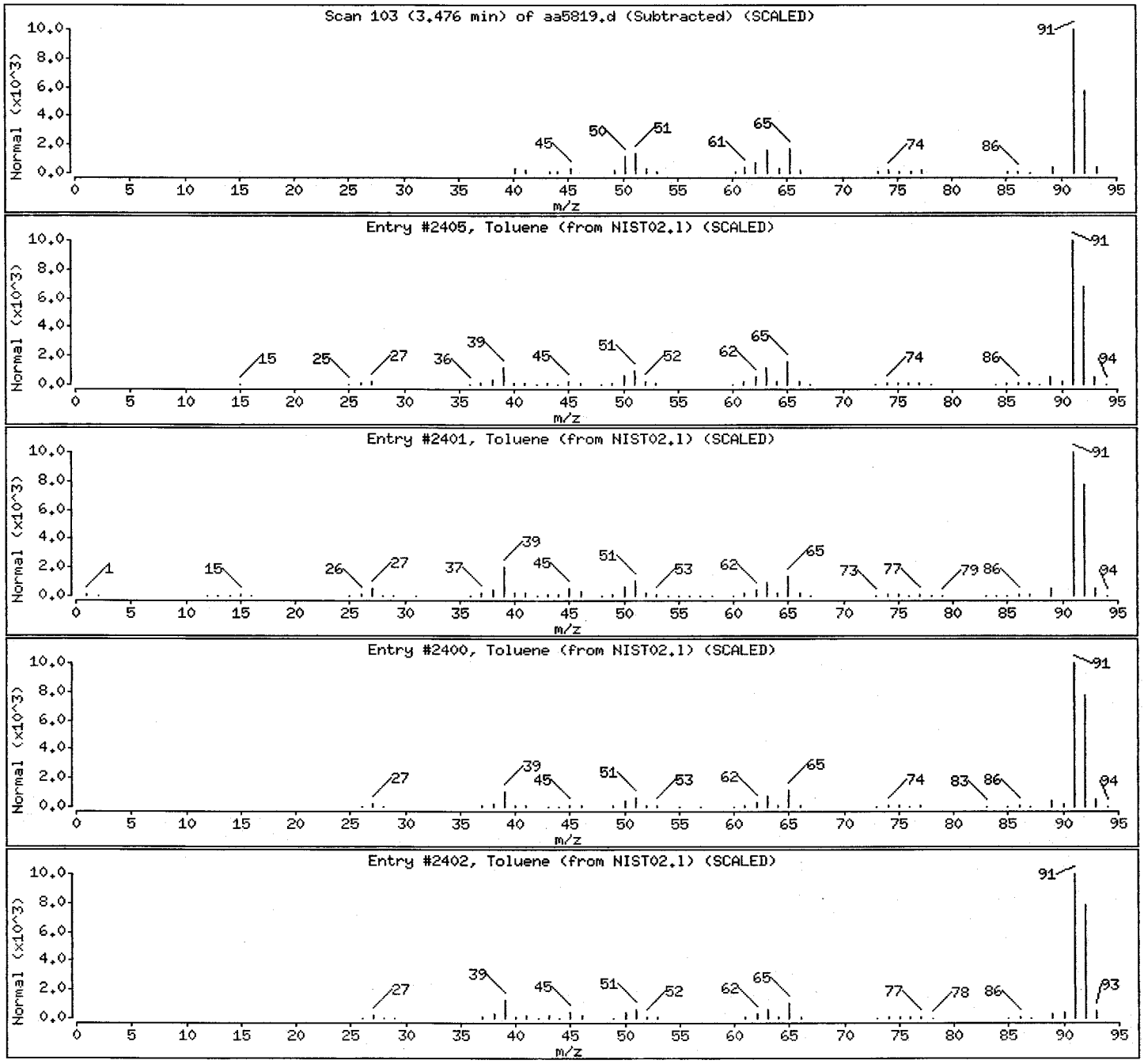
Client ID: 080508-15 Instrument: BNAMS8.i

Sample Info: 940368;4447259

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	91	C7H8	92
Toluene	108-88-3	NIST02.l	2401	90	C7H8	92
Toluene	108-88-3	NIST02.l	2400	90	C7H8	92
Toluene	108-88-3	NIST02.l	2402	87	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5819.d

Date : 11-AUG-2008 03:29

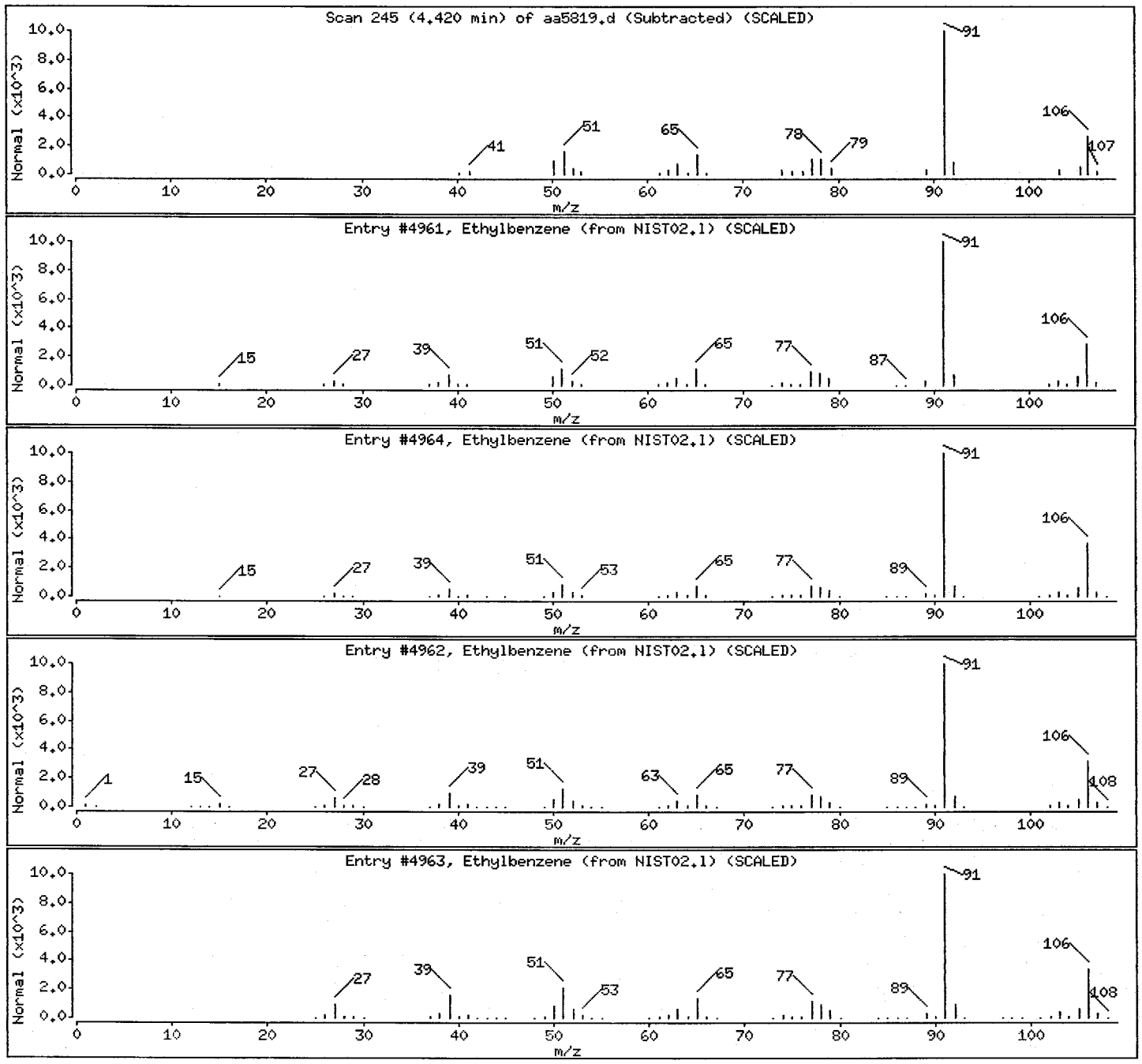
Client ID: 080508-15 Instrument: BNAMS8.i

Sample Info: 940368;4447259

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4961	93	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	90	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4963	90	C8H10	106



Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5820.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5820.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **080508-16**
Site: GM Wilmington-17338

Lab Sample No: **940369**
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/05/08
Date Extracted: 08/07/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5820.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.48	35	
2.	Ethylbenzene	4.42	10	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	45

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d
Report Date: 23-Aug-2008 12:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d
Lab Smp Id: 940369 Client Smp ID: 080508-16
Inj Date : 11-AUG-2008 03:53
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940369;4447285
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 23-Aug-2008 12:50 rusin Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4.2listae.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

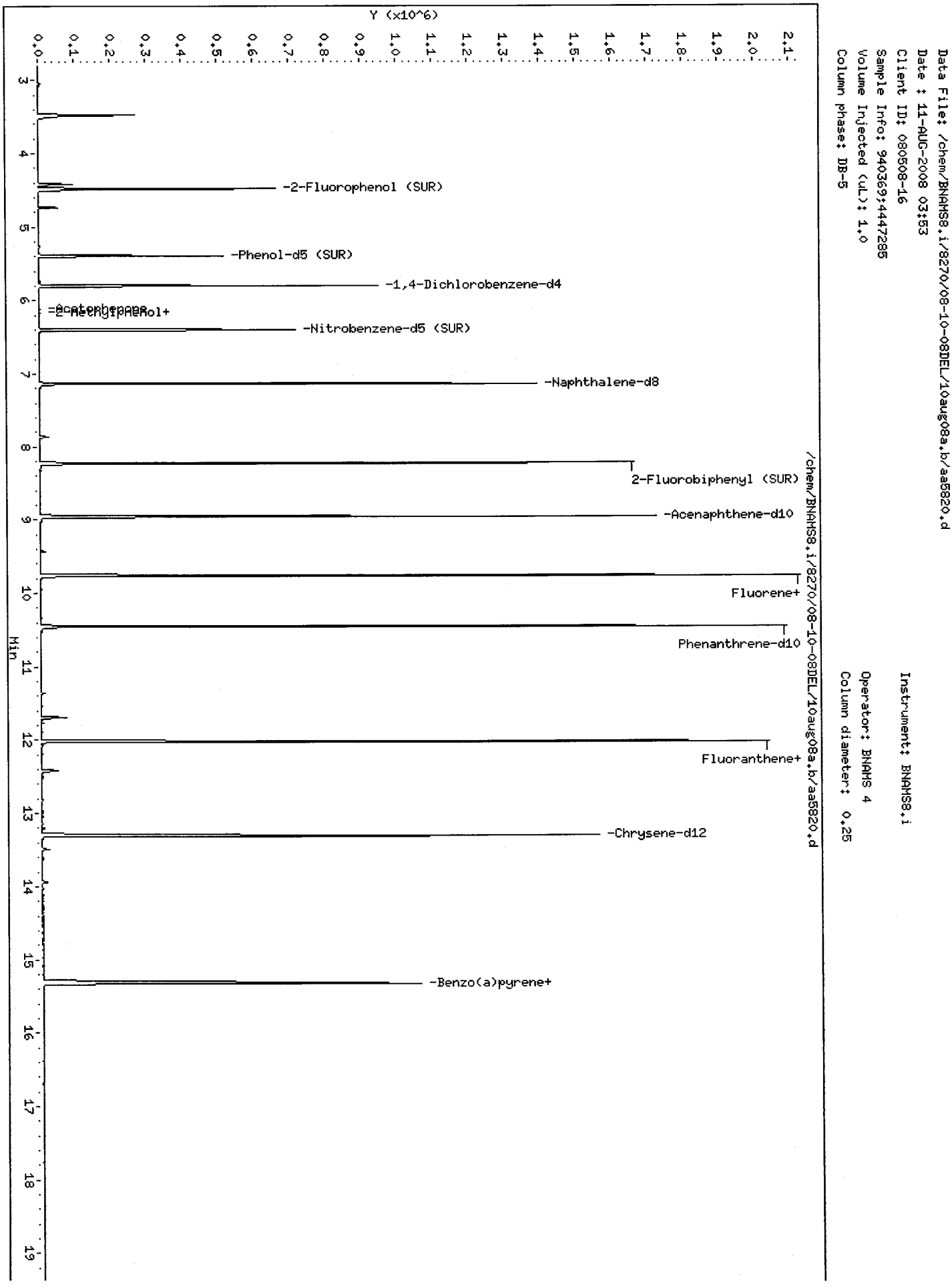
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.484	4.483	(0.773)	156536	40.3486	82
$ 17 Phenol-d5 (SUR)	99	5.394	5.401	(0.930)	139323	25.6203	52
* 79 1,4-Dichlorobenzene-d4	152	5.800	5.799	(1.000)	125744	40.0000	
3 2-Methylphenol	108	6.179	6.039	(1.065)	685	0.16426	0.34(a)
4 4-Methylphenol	108	6.179	6.192	(1.065)	685	0.15925	0.32(a)
104 Acetophenone	105	6.112	6.231	(1.054)	1031	0.15590	0.32(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.398	6.404	(0.897)	231331	36.1408	74
* 80 Naphthalene-d8	136	7.136	7.135	(1.000)	549862	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.226	8.232	(0.918)	425986	38.8875	79
* 82 Acenaphthene-d10	164	8.957	8.956	(1.000)	400059	40.0000	
47 Fluorene	166	9.761	9.501	(1.090)	0640	0.72000	1.5(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.761	9.767	(1.090)	211332	87.4693	180
50 4-Bromophenyl-phenylether	248	9.761	9.953	(0.934)	13938	3.42090	7.0(a)
* 83 Phenanthrene-d10	188	10.452	10.459	(1.000)	664770	40.0000	
56 Fluoranthene	202	12.021	11.695	(1.150)	2719	0.11608	0.24(a)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d
Report Date: 23-Aug-2008 12:58

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
~~	~~57 Pyrene~~	~~202~~	~~12.021~~	~~11.934~~	~~(0.904)~~	~~2719~~	~~0.13197~~	~~0.27(a)~~
$	78 Terphenyl-d14	244	12.021	12.020	(0.904)	635079	39.7086	81
*	81 Chrysene-d12	240	13.303	13.310	(1.000)	718100	40.0000	
	~~67 Benzo(a)pyrene~~	~~252~~	~~15.317~~	~~15.244~~	~~(1.000)~~	~~3338~~	~~0.13479~~	~~0.28(a)~~
*	84 Perylene-d12	264	15.317	15.324	(1.000)	611806	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d
Date : 11-AUG-2008 03:53
Client ID: 080508-16
Sample Info: 940369;4447285
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Fluoranthene+
-Chrysene-d12
-Benzo(a)pyrene+
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d
Min

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

Client ID: 080508-16 Instrument: BNAMS8.i

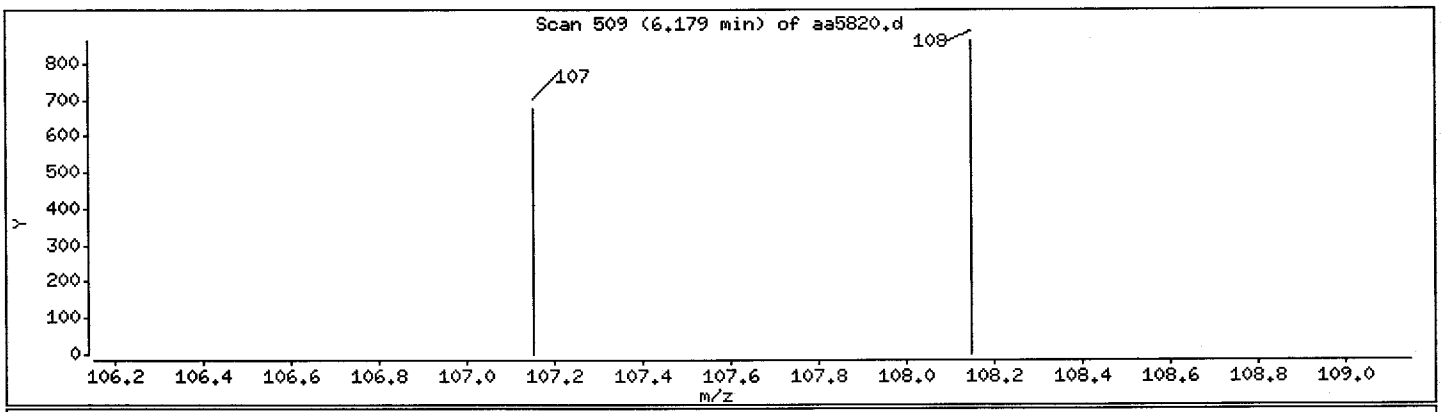
Sample Info: 940369;4447285

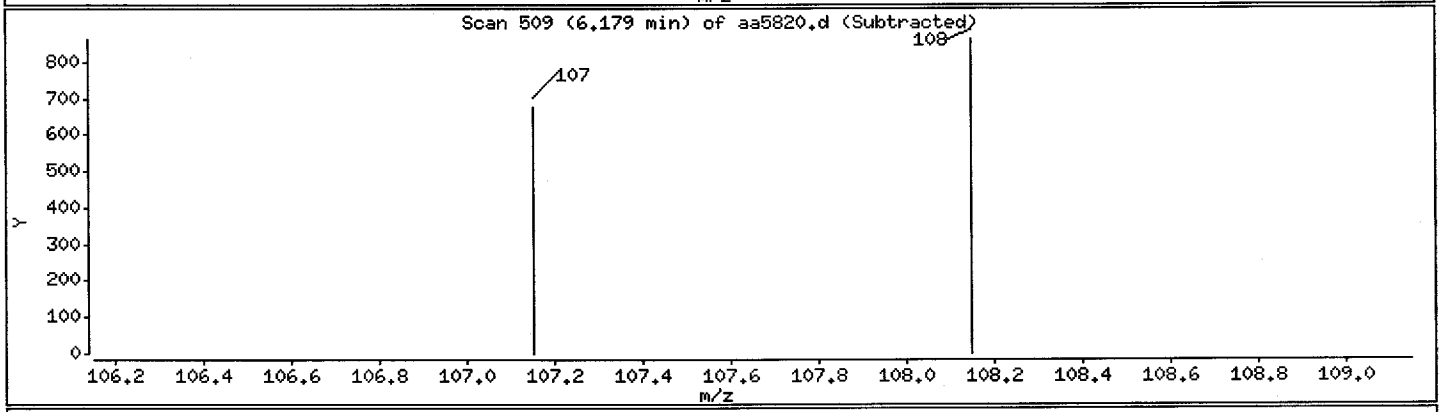
Volume Injected (uL): 1.0 Operator: BNAMS 4

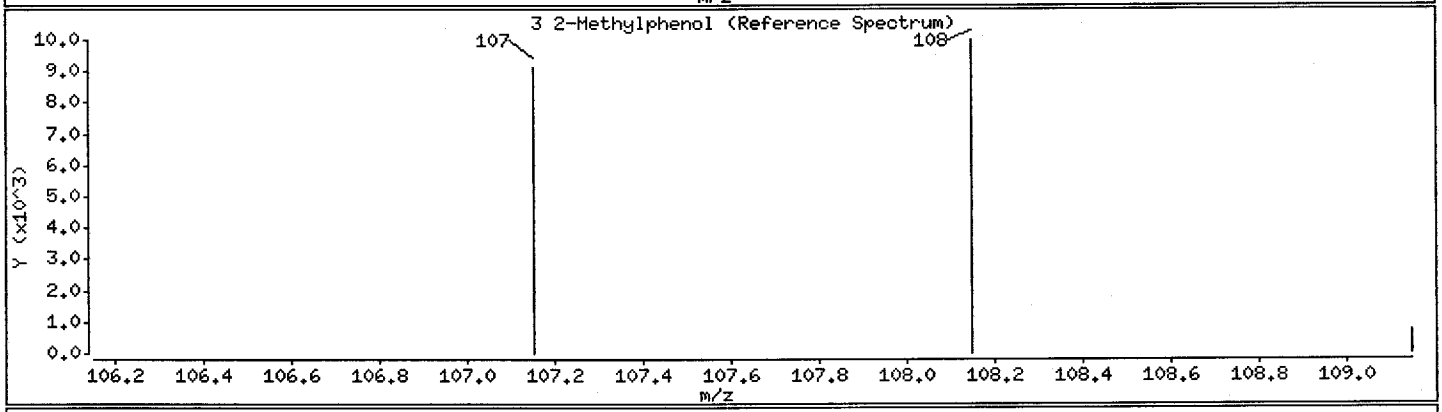
Column phase: DB-5 Column diameter: 0.25

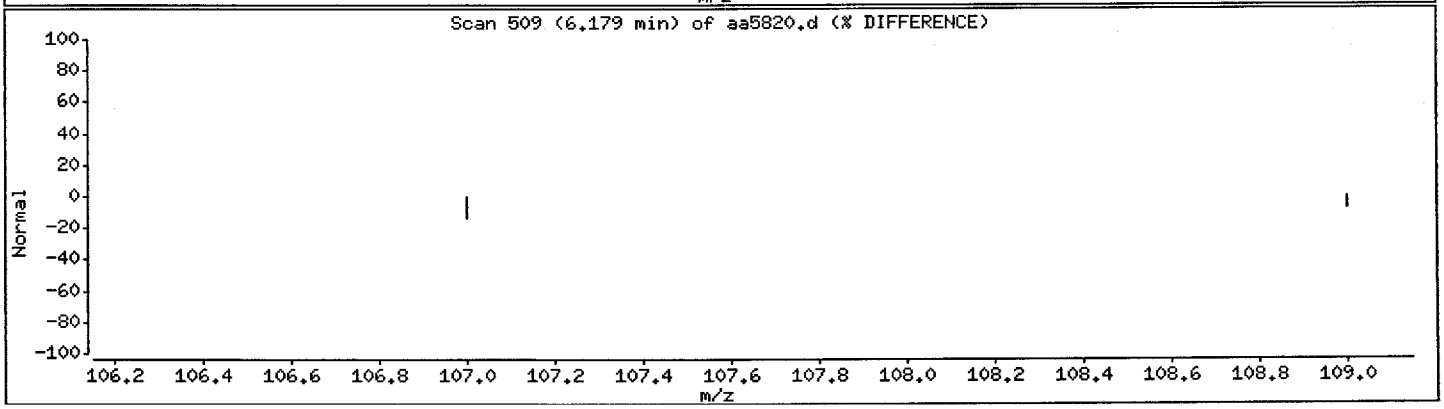
FALSE POSITIVE Init

3 2-Methylphenol Concentration: 0.34 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

Client ID: 080508-16 Instrument: BNAMS8.i

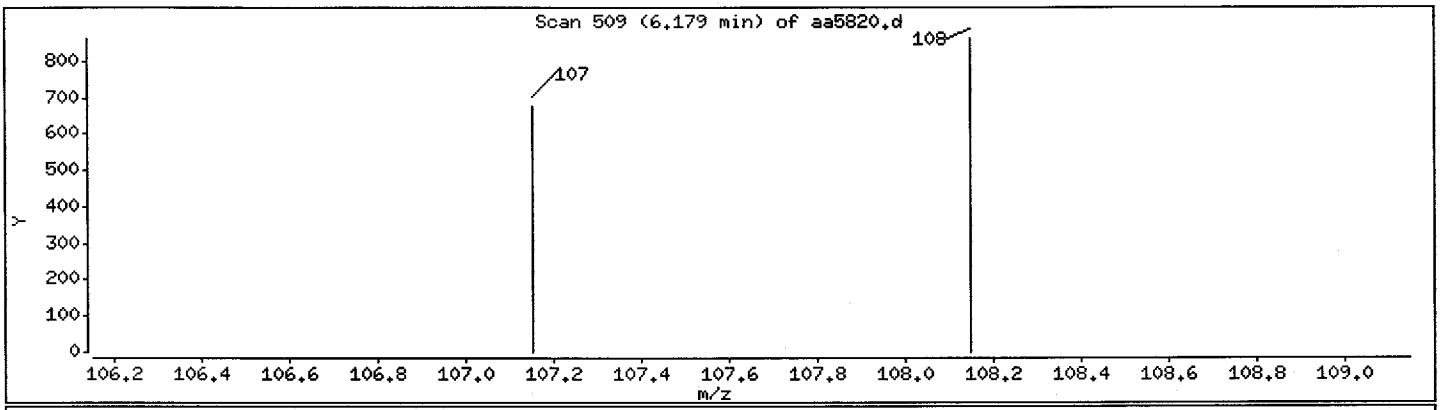
Sample Info: 940369;4447285

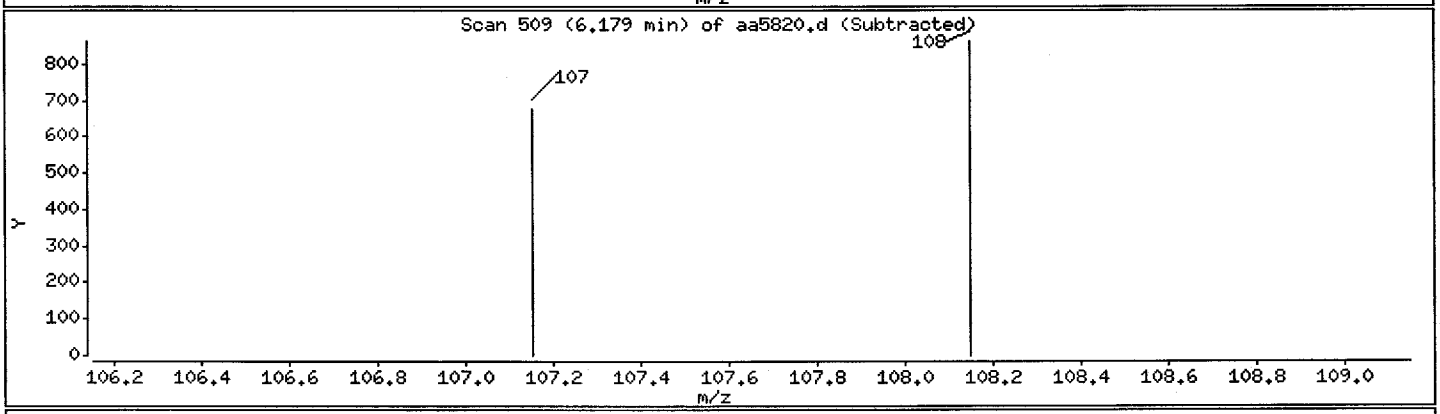
Volume Injected (uL): 1.0 Operator: BNAMS 4

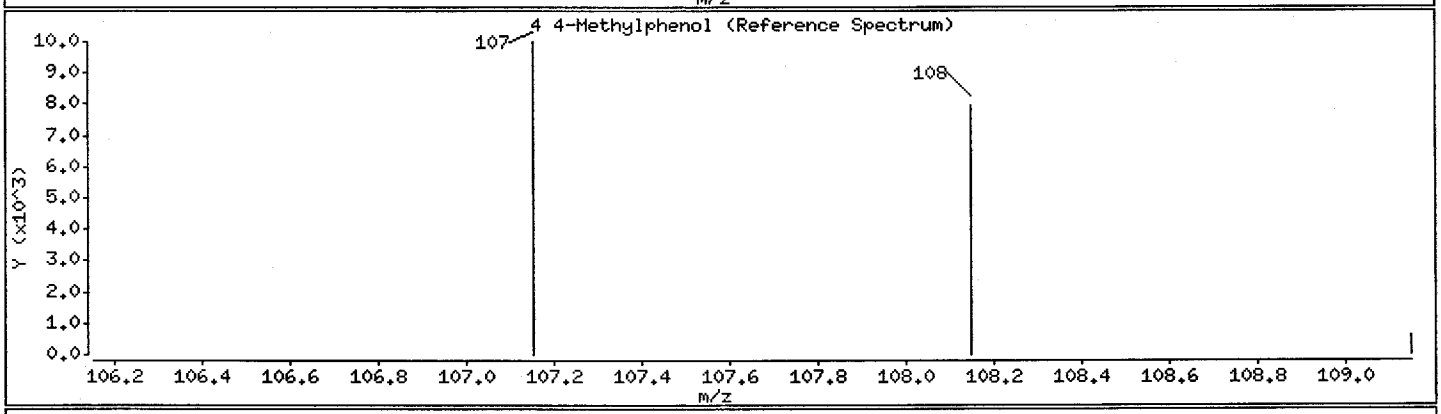
Column phase: DB-5 Column diameter: 0.25

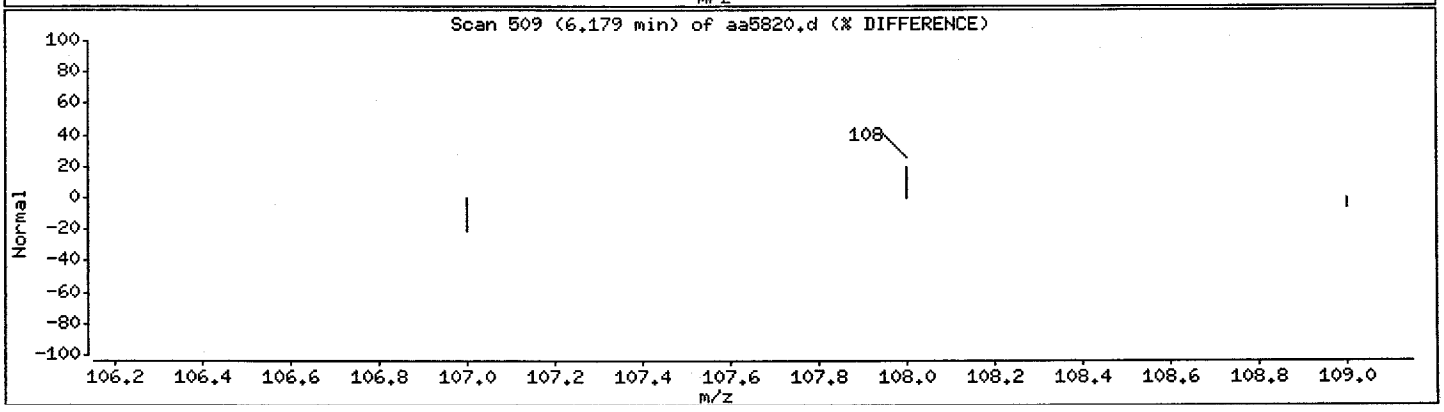
4 4-Methylphenol Concentration: 0.32 ug/L

False Pos.
w/ b









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

Client ID: 080508-16

Instrument: BNAMS8.i

Sample Info: 940369;4447285

Volume Injected (uL): 1.0

Operator: BNAMS 4

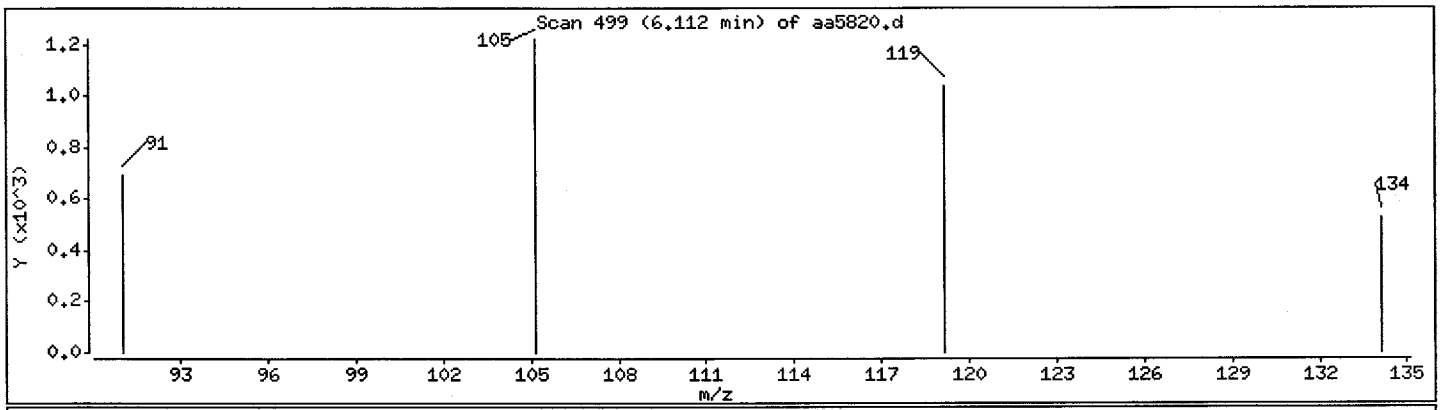
Column phase: DB-5

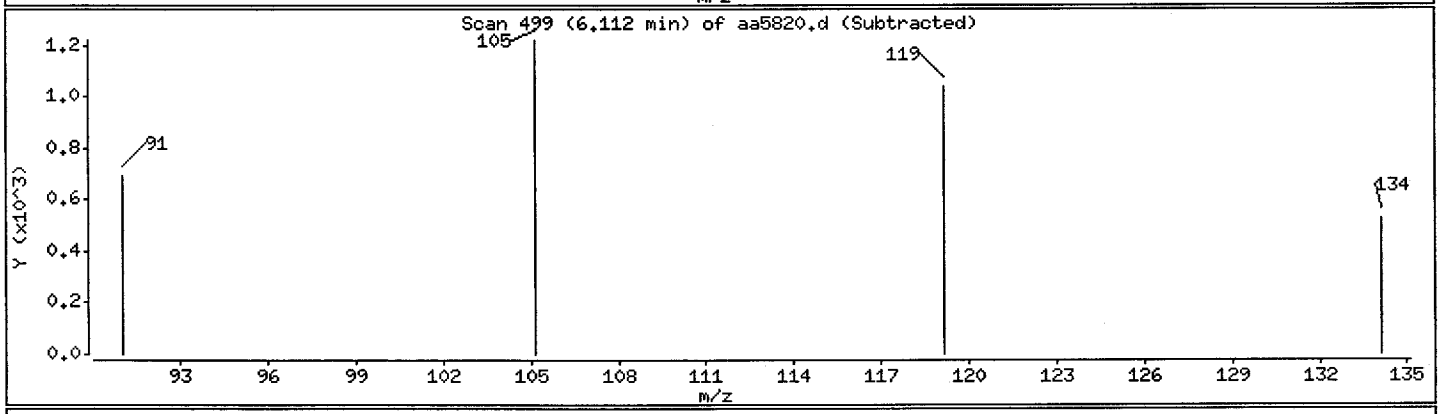
Column diameter: 0.25

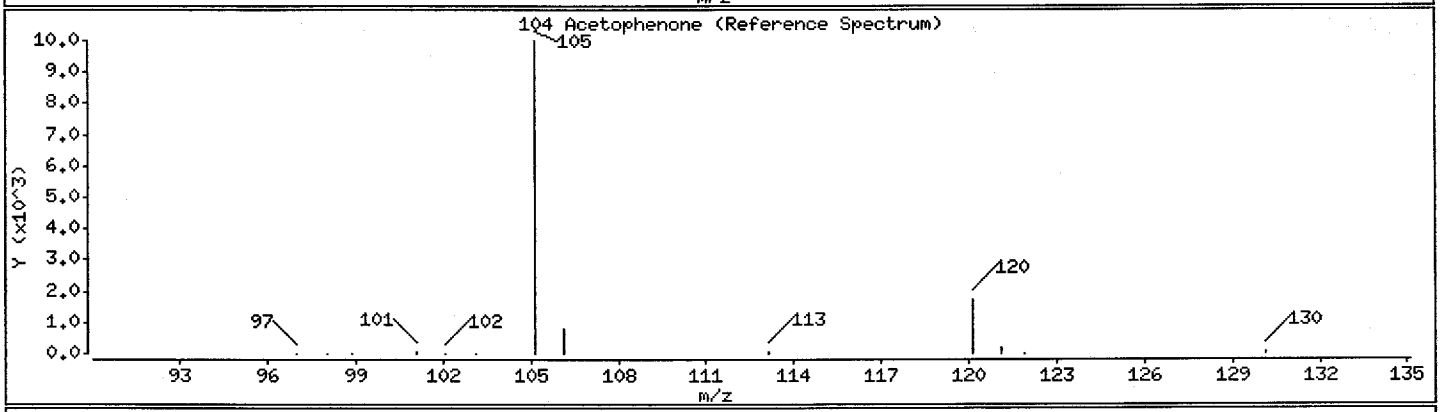
FALSE POSITIVE

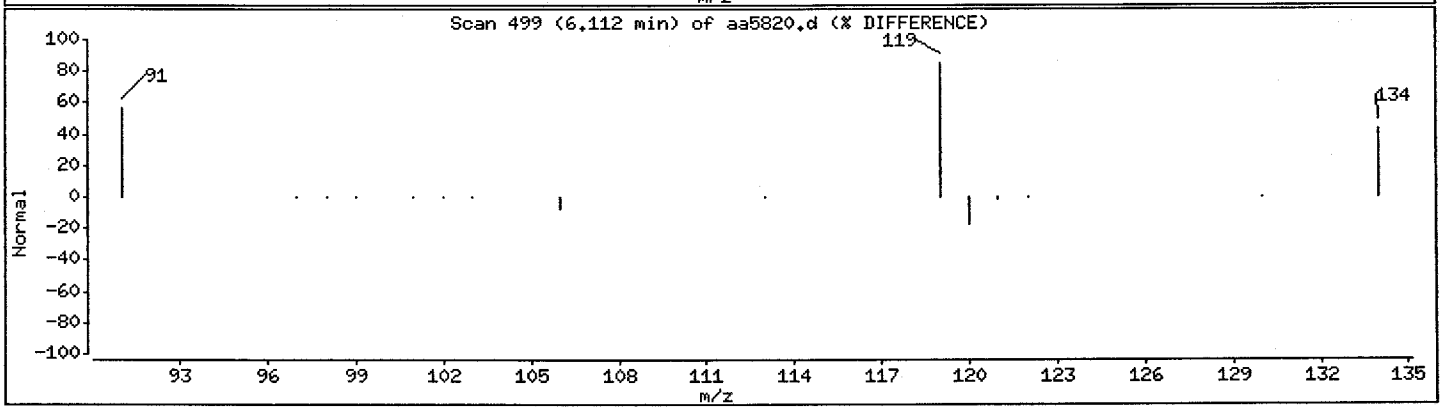
104 Acetophenone

Concentration: 0.32 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

Client ID: 080508-16

Instrument: BNAMS8.i

Sample Info: 940369;4447285

Volume Injected (uL): 1.0

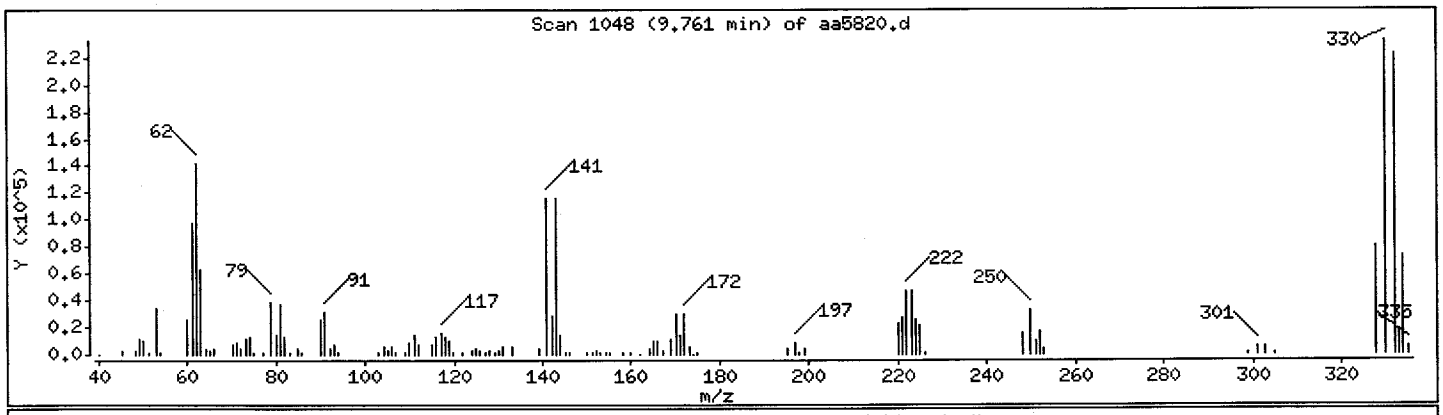
Operator: BNAMS 4

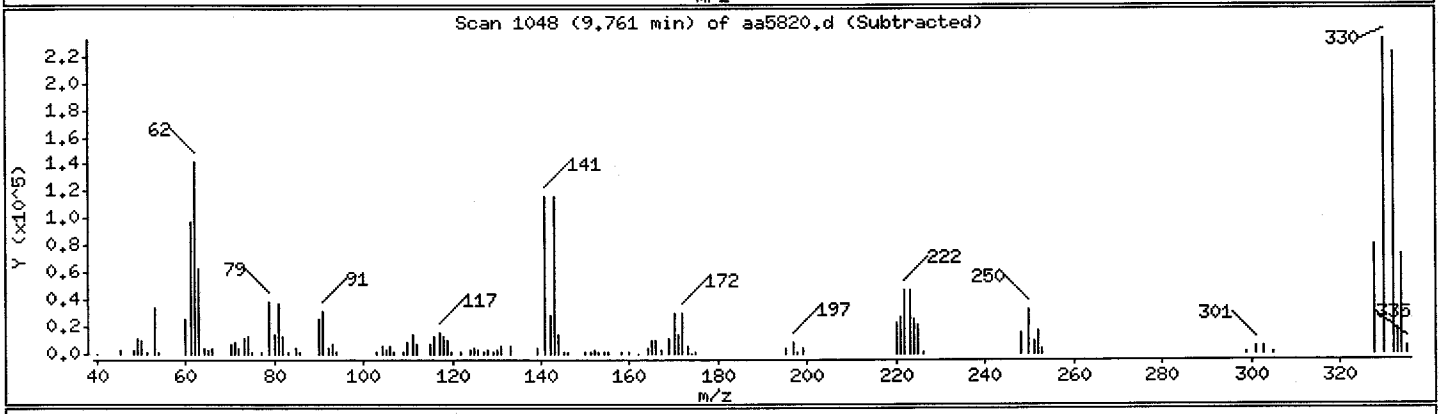
Column phase: DB-5

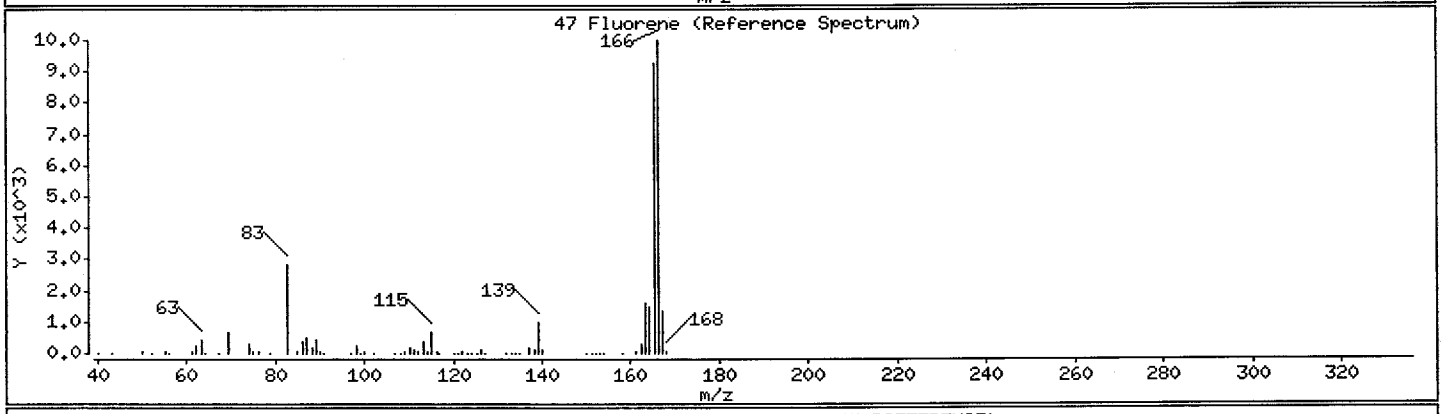
Column diameter: 0.25

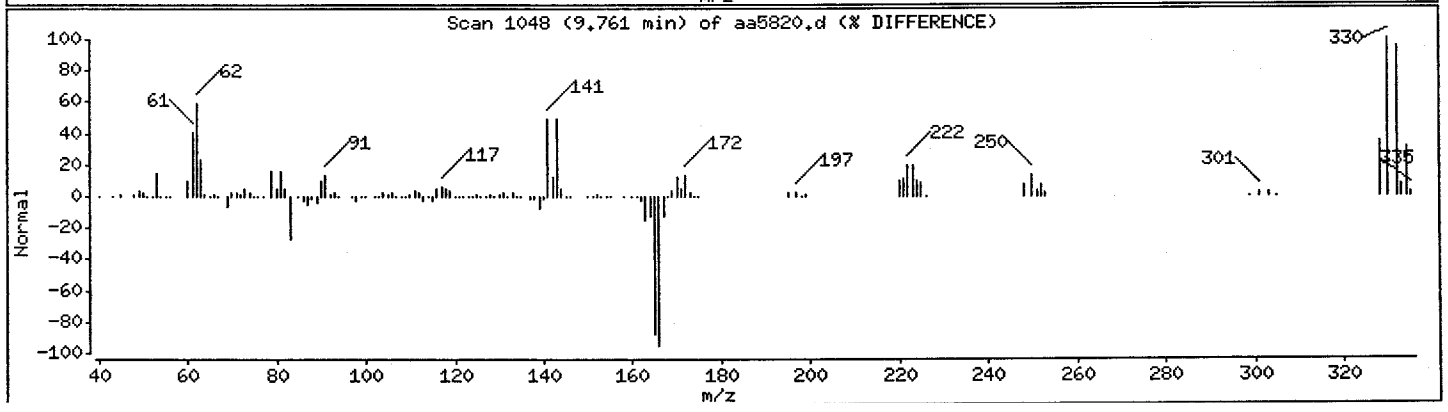
47 Fluorene

Concentration: 1.5 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

Client ID: 080508-16

Instrument: BNAMS8.i

Sample Info: 940369;4447285

Volume Injected (uL): 1.0

Operator: BNAMS 4

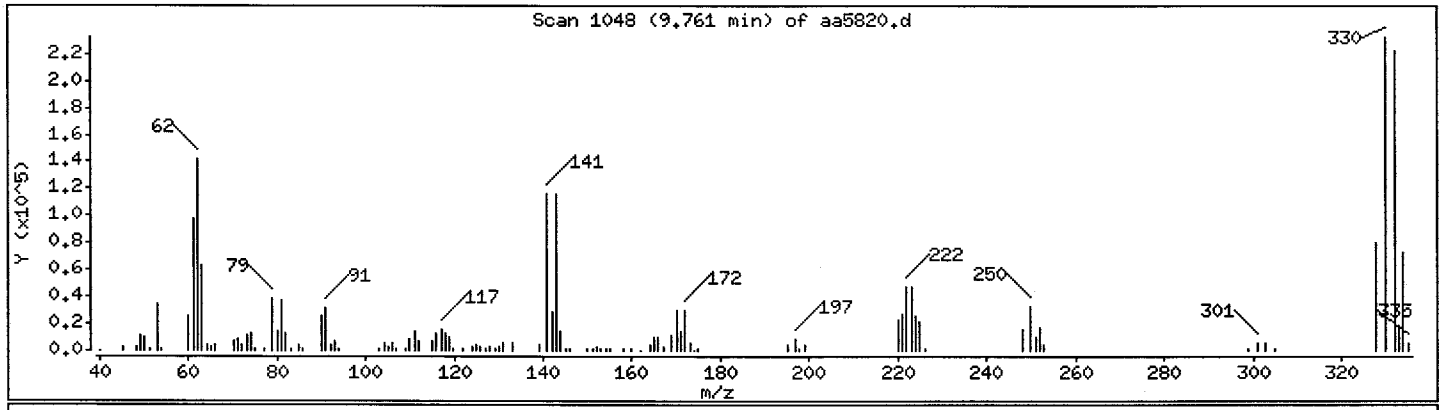
Column phase: DB-5

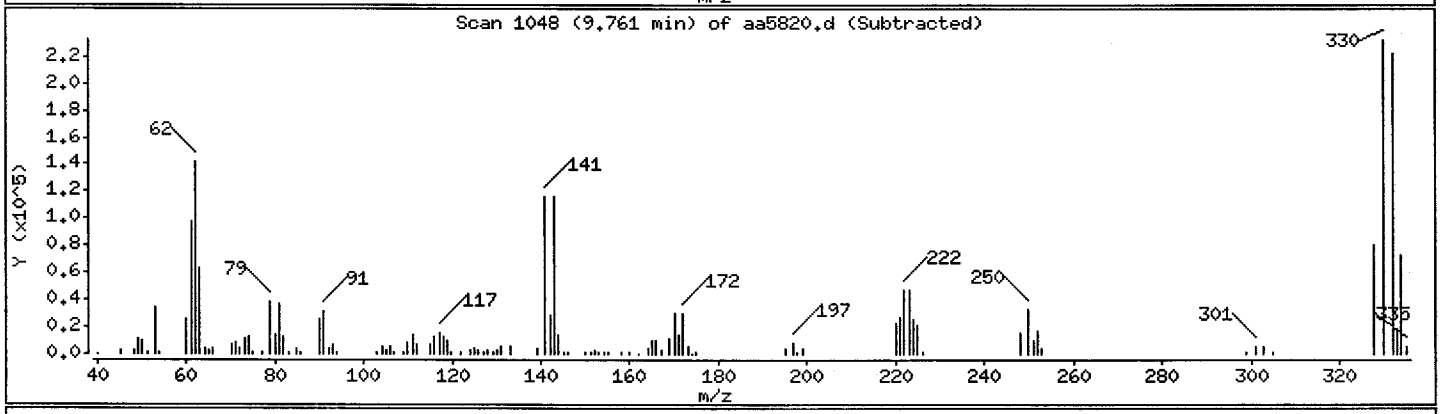
Column diameter: 0.25

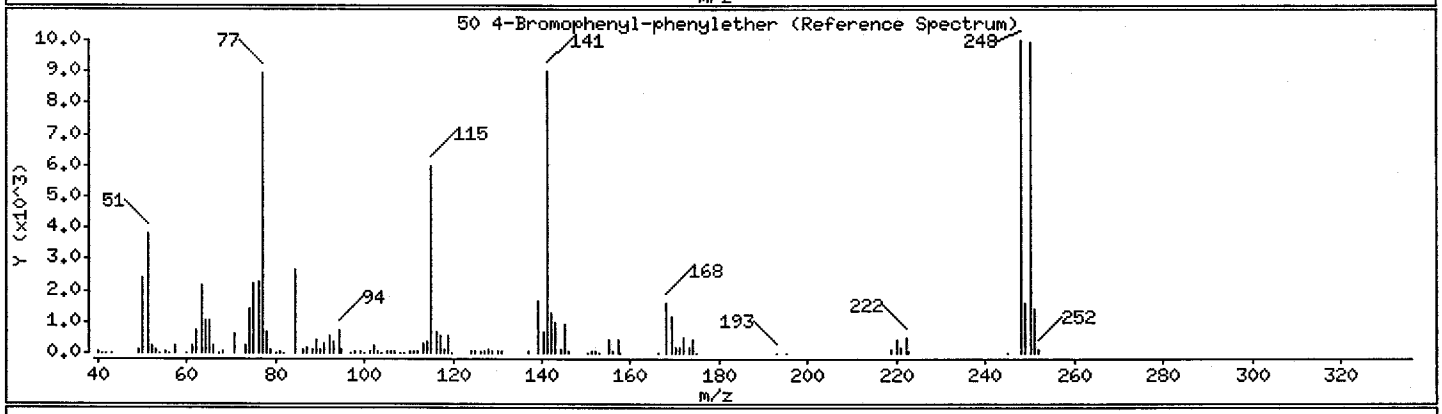
50 4-Bromophenyl-phenylether

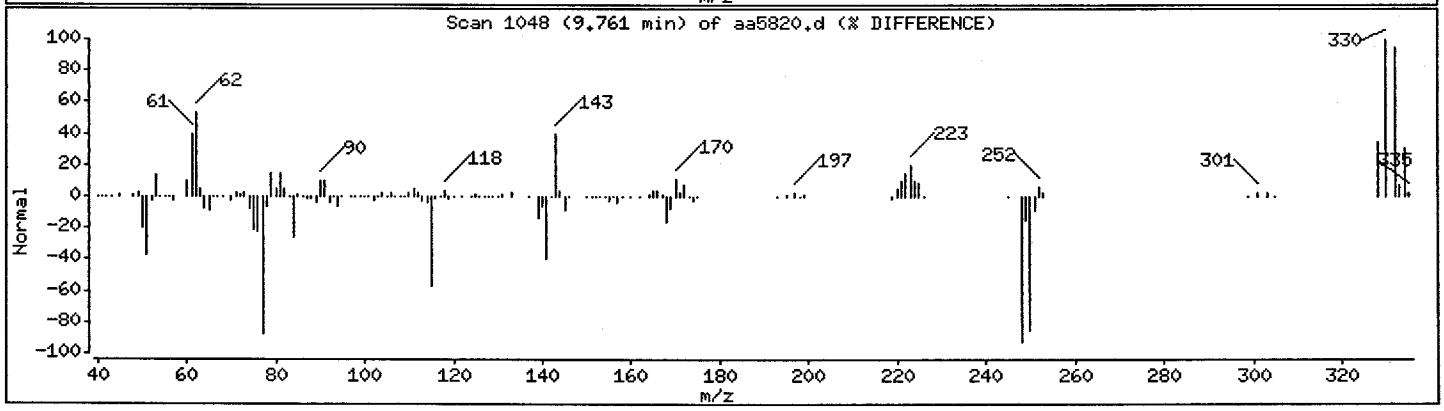
Concentration: 7.0 ug/L

FALSE POSITIVE









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

Client ID: 080508-16 Instrument: BNAMS8.i

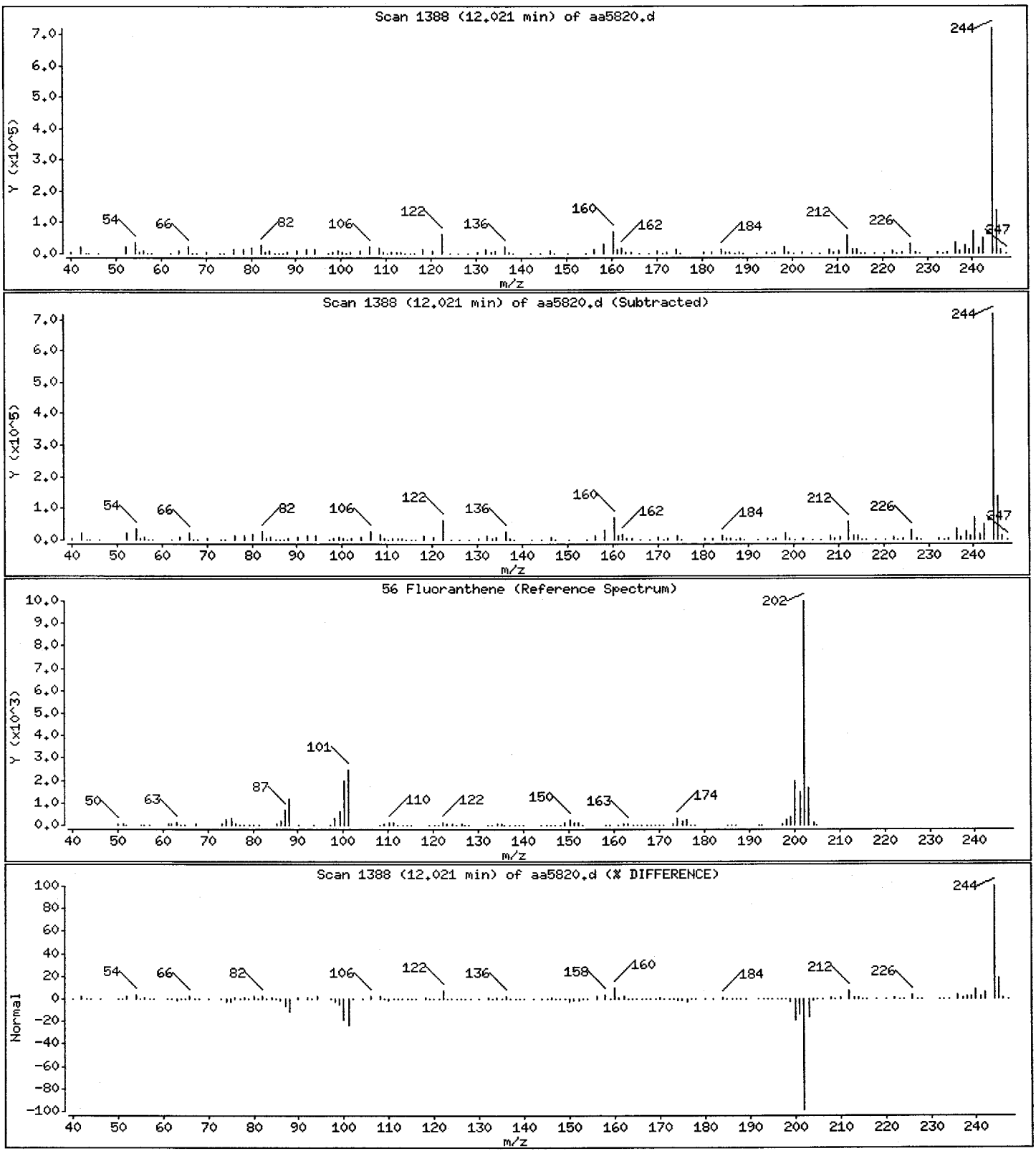
Sample Info: 940369;4447285

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

FALSE POSITIVE Init

56 Fluoranthene Concentration: 0.24 ug/L



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

Client ID: 080508-16

Instrument: BNAMS8.i

Sample Info: 940369;4447285

Volume Injected (uL): 1.0

Operator: BNAMS 4

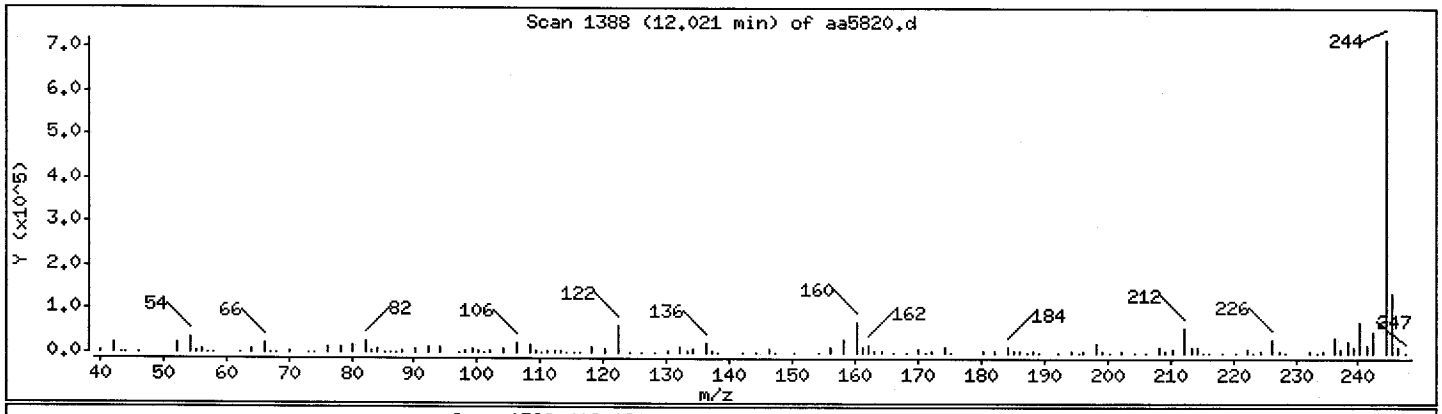
Column phase: DB-5

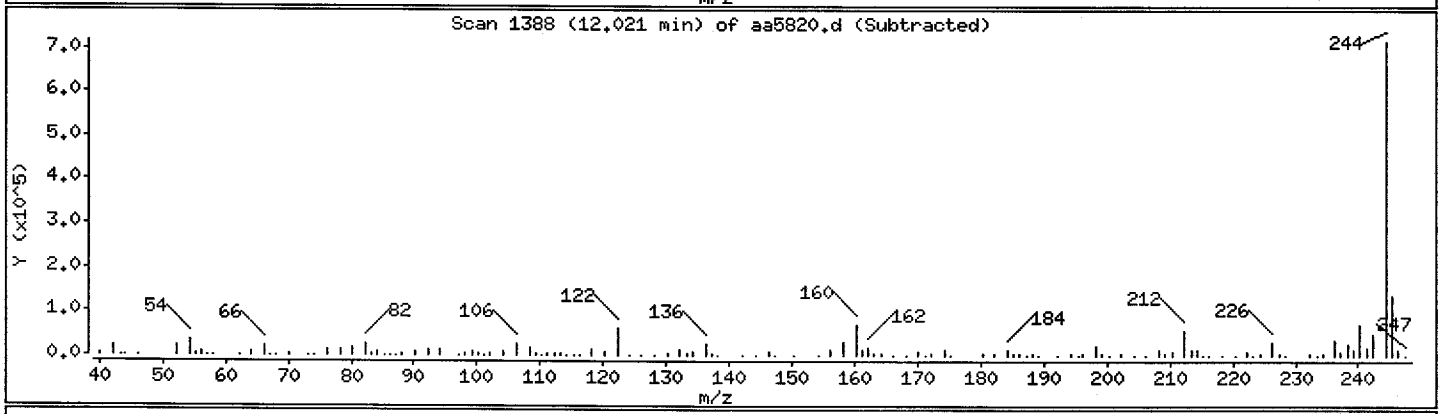
Column diameter: 0.25

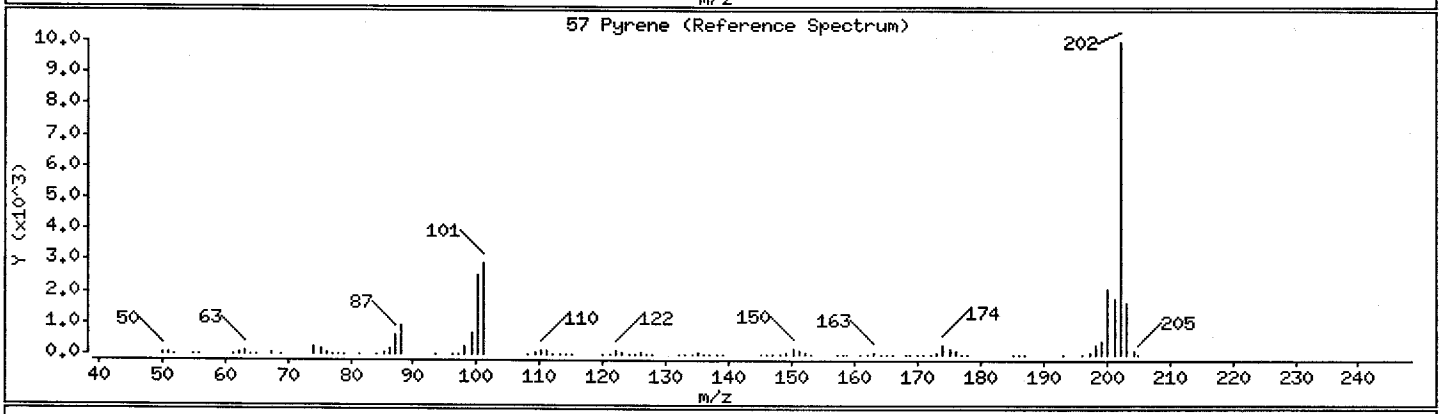
FALSE POSITIVE
Init.

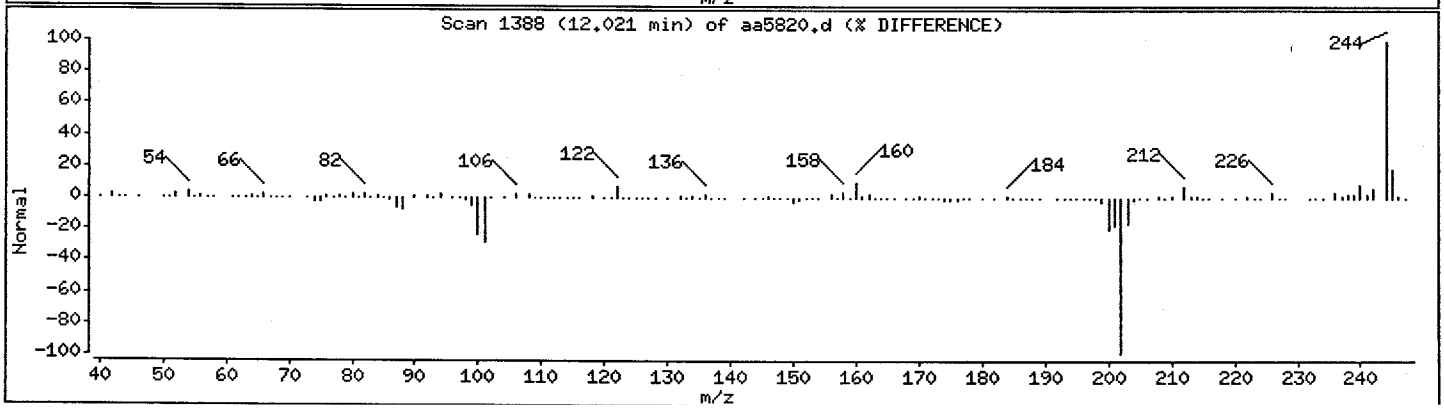
57 Pyrene

Concentration: 0.27 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

Client ID: 080508-16

Instrument: BNAMS8.i

Sample Info: 940369;4447285

Volume Injected (uL): 1.0

Operator: BNAMS 4

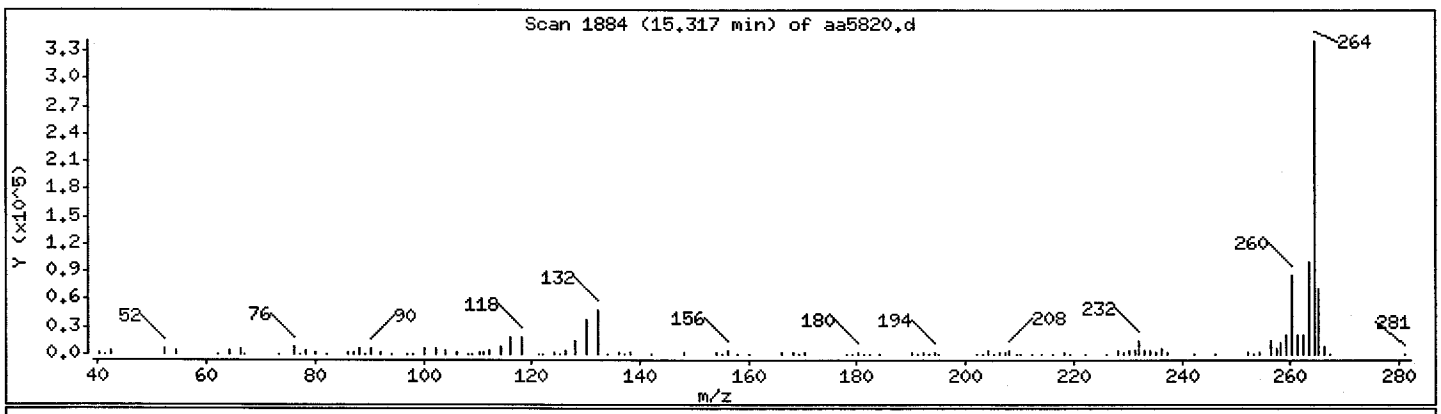
Column phase: DB-5

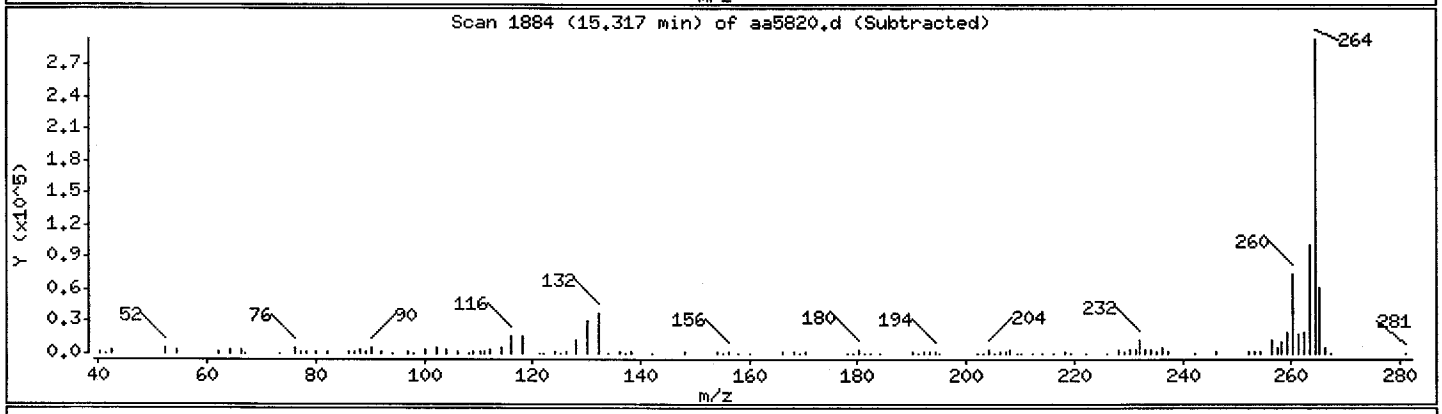
Column diameter: 0.25

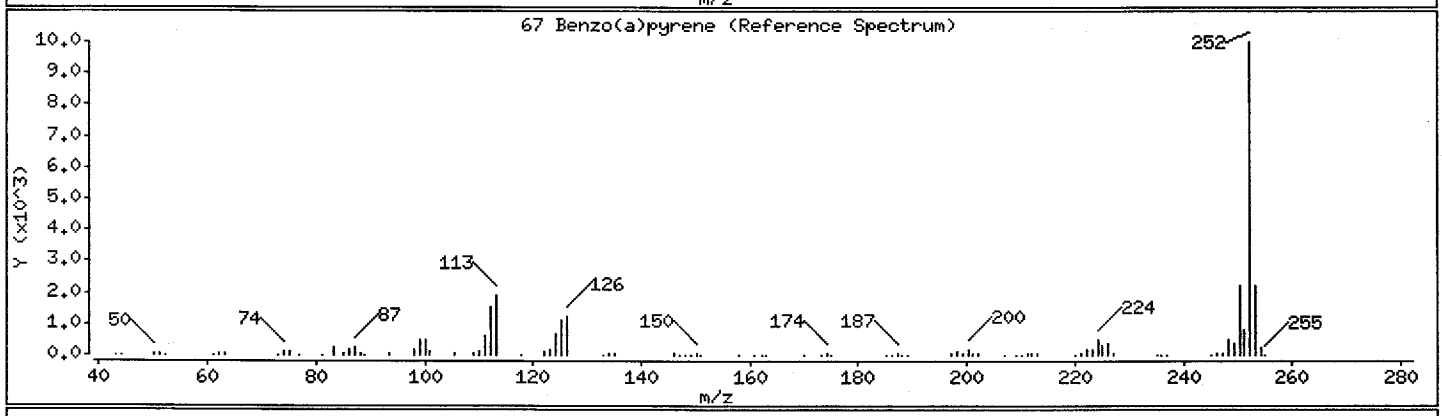
67 Benzo(a)pyrene

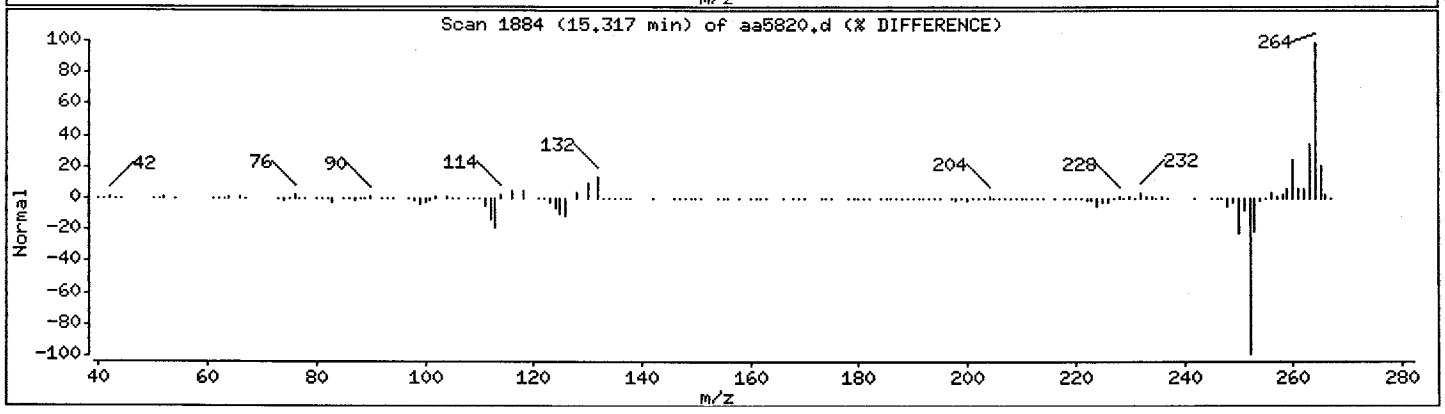
Concentration: 0.28 ug/L

FALSE POSITIVE
Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

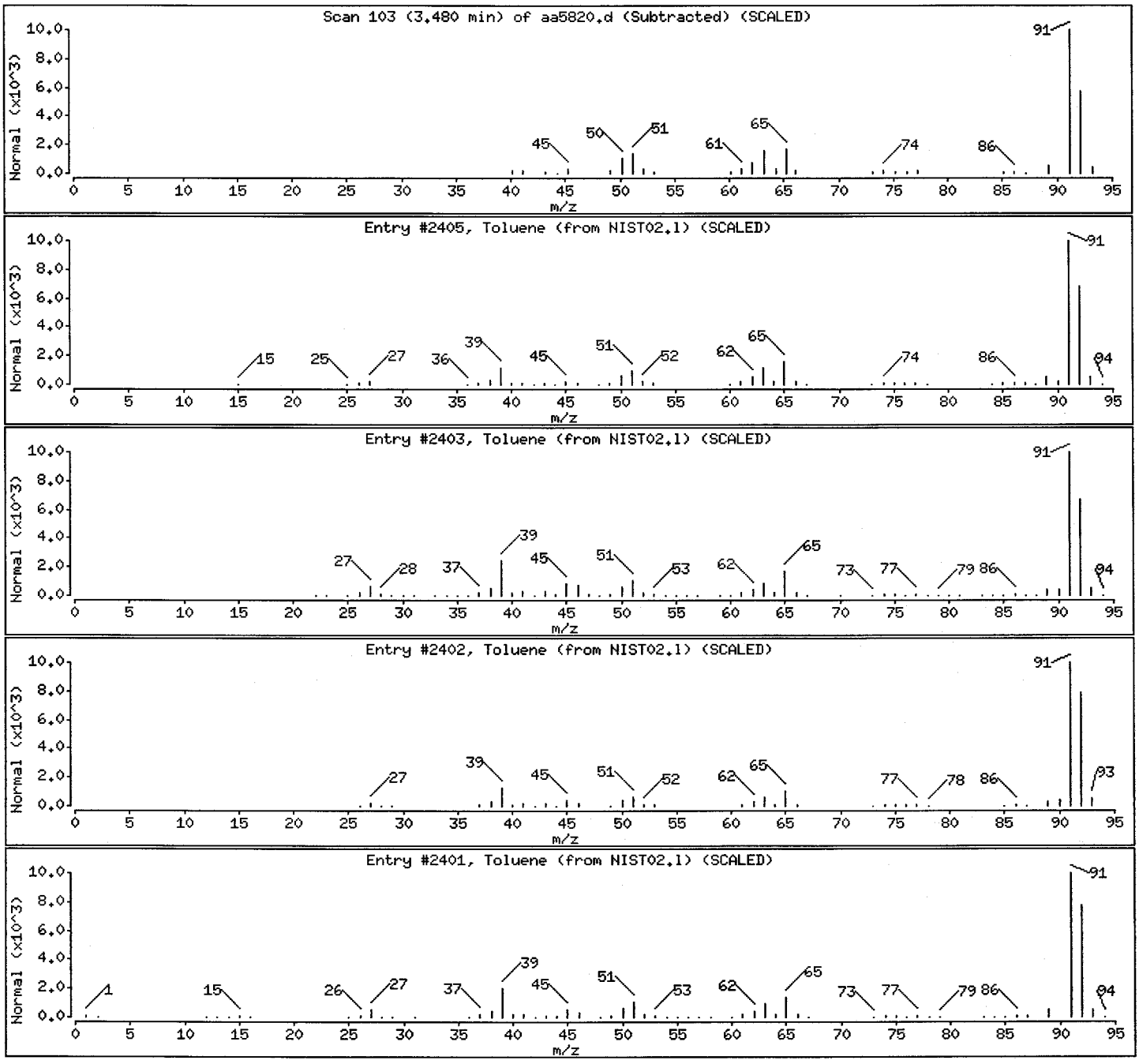
Client ID: 080508-16 Instrument: BNAMS8.i

Sample Info: 940369;4447285

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	91	C7H8	92
Toluene	108-88-3	NIST02.l	2403	90	C7H8	92
Toluene	108-88-3	NIST02.l	2402	90	C7H8	92
Toluene	108-88-3	NIST02.l	2401	90	C7H8	92



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5820.d

Date : 11-AUG-2008 03:53

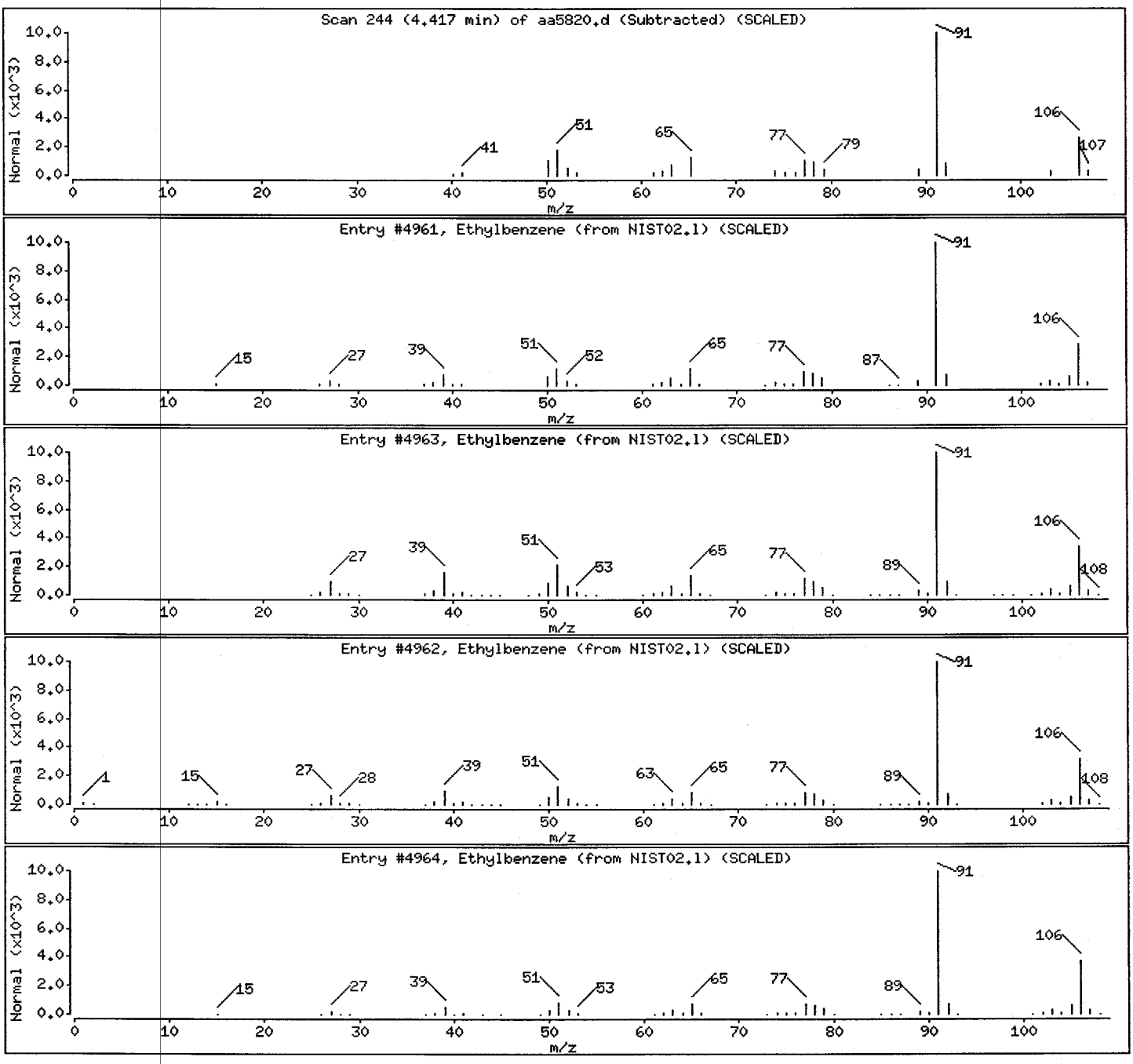
Client ID: 080508-16 Instrument: BNAMS8.i

Sample Info: 940369;4447285

Volume Injected (uL): 1.0 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4961	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4963	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	91	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	90	C8H10	106



Tuning Results Summary

SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: AA5791 DFTPP Injection Date: 08/10/08

Instrument ID: BNAMS8 DFTPP Injection Time: 1623

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	58.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	44.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.3
365	Greater than 1.0% of mass 198	3.86
441	0.0 - 100.0% of mass 443	12.4 (90.5)2
442	40.0 - 110.0% of mass 198	73.2
443	17.0 - 23.0% of mass 442	13.7 (18.8)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	AASTD050	AASTD050	AA5792	08/10/08	1646
02	AASTD120	AASTD120	AA5793	08/10/08	1710
03	AASTD005	AASTD005	AA5794	08/10/08	1734
04	AASTD080	AASTD080	AA5795	08/10/08	1758
05	AASTD020	AASTD020	AA5796	08/10/08	1822
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5791.d

Date : 10-AUG-2008 16:23

Client ID:

Instrument: BNAMS8.i

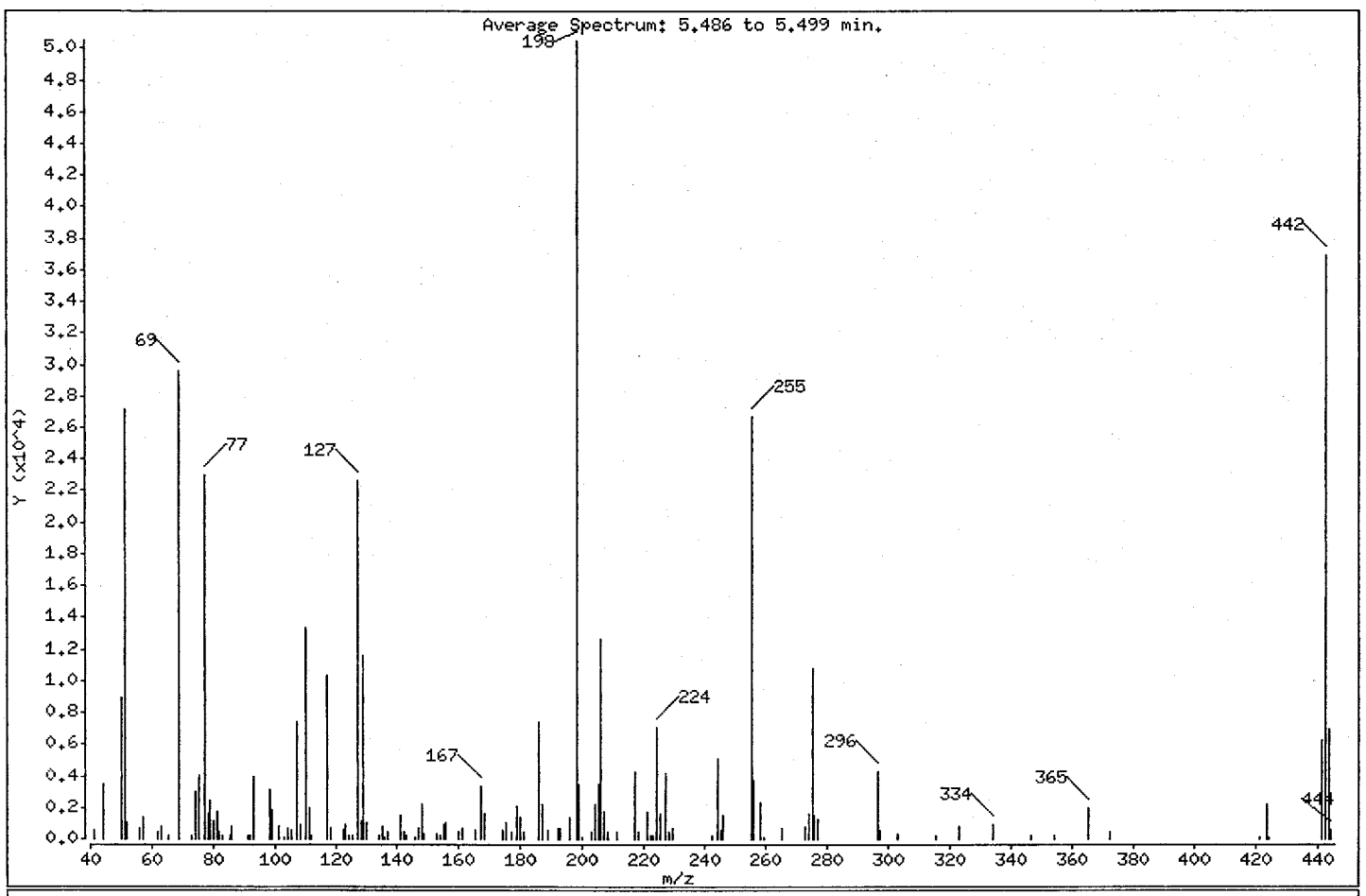
Sample Info: AADFTPP223

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	53.82
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	58.61
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	44.75
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.79
275	10.00 - 30.00% of mass 198	21.30
365	Greater than 1.00% of mass 198	3.86
441	0.01 - 100.00% of mass 443	12.43 (90.54)
442	40.00 - 110.00% of mass 198	73.19
443	17.00 - 23.00% of mass 442	13.73 (18.76)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5791.d

Date : 10-AUG-2008 16:23

Client ID:

Instrument: BNAMS8.i

Sample Info: AADFTPP223

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: aa5791.d

Spectrum: Average Spectrum: 5.486 to 5.499 min.

Location of Maximum: 198.00

Number of points: 130

m/z	Y	m/z	Y	m/z	Y	m/z	Y
41.00	563	108.00	890	168.00	1672	242.00	230
44.00	3443	110.00	13370	174.00	542	244.00	5097
50.00	8930	111.00	1946	175.00	1082	245.00	627
51.00	27176	112.00	215	177.00	435	246.00	1538
52.00	1033	117.00	10284	179.00	2134	255.00	26672
56.00	694	118.00	640	180.00	1375	256.00	3770
57.00	1424	122.00	605	181.00	442	258.00	2270
62.00	509	123.00	890	186.00	7401	259.00	168
63.00	861	124.00	193	187.00	2181	265.00	718
65.00	175	125.00	234	189.00	530	273.00	869
69.00	29592	127.00	22592	192.00	695	274.00	1604
73.00	192	128.00	1149	193.00	669	275.00	10755
74.00	2964	129.00	11631	196.00	1401	276.00	1464
75.00	4112	130.00	991	198.00	50496	277.00	1255
77.00	23040	134.00	185	199.00	3430	296.00	4346
78.00	1653	135.00	782	200.00	171	297.00	559
79.00	2409	136.00	170	203.00	463	303.00	310
80.00	1218	137.00	424	204.00	2244	315.00	213
81.00	1757	141.00	1542	205.00	3533	323.00	870
82.00	442	142.00	501	206.00	12704	334.00	878
83.00	177	143.00	199	207.00	1701	346.00	195
85.00	230	146.00	173	208.00	500	354.00	192
86.00	778	147.00	655	211.00	465	365.00	1951
91.00	204	148.00	2259	217.00	4305	372.00	517
92.00	219	149.00	361	218.00	501	421.00	167
93.00	3907	153.00	403	221.00	1732	423.00	2151
98.00	3105	154.00	223	222.00	204	424.00	171
99.00	1906	155.00	889	223.00	206	441.00	6277
101.00	755	156.00	1081	224.00	7111	442.00	36952
103.00	168	160.00	412	225.00	1676	443.00	6933
104.00	705	161.00	710	227.00	4178	444.00	630
105.00	594	165.00	563	228.00	488		
107.00	7402	167.00	3329	229.00	660		

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5791.d

Date : 10-AUG-2008 16:23

Client ID:

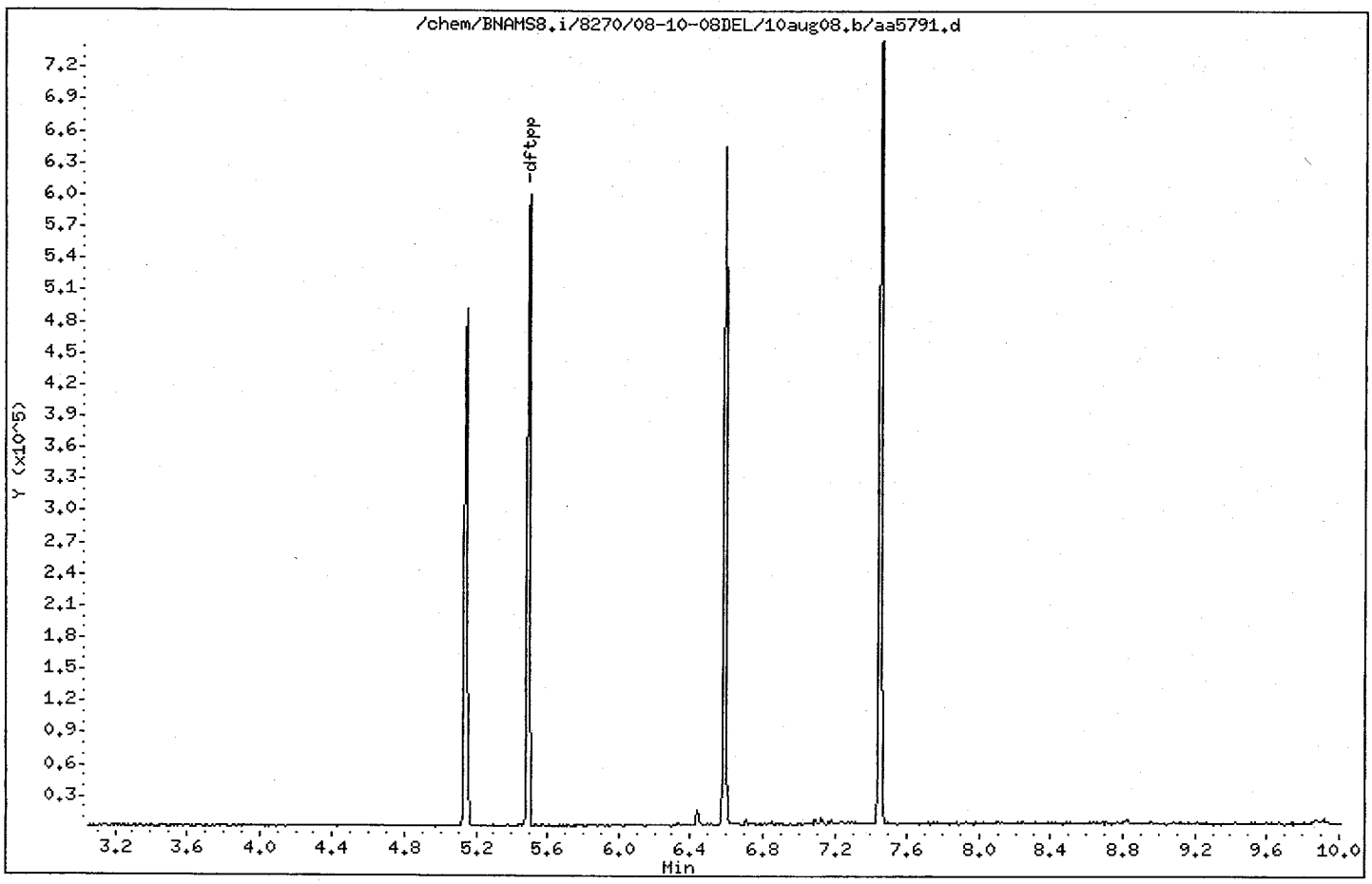
Instrument: BNAMS8.i

Sample Info: AADFTPP223

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5799.d

Date : 10-AUG-2008 19:38

Client ID:

Instrument: BNAMS8.i

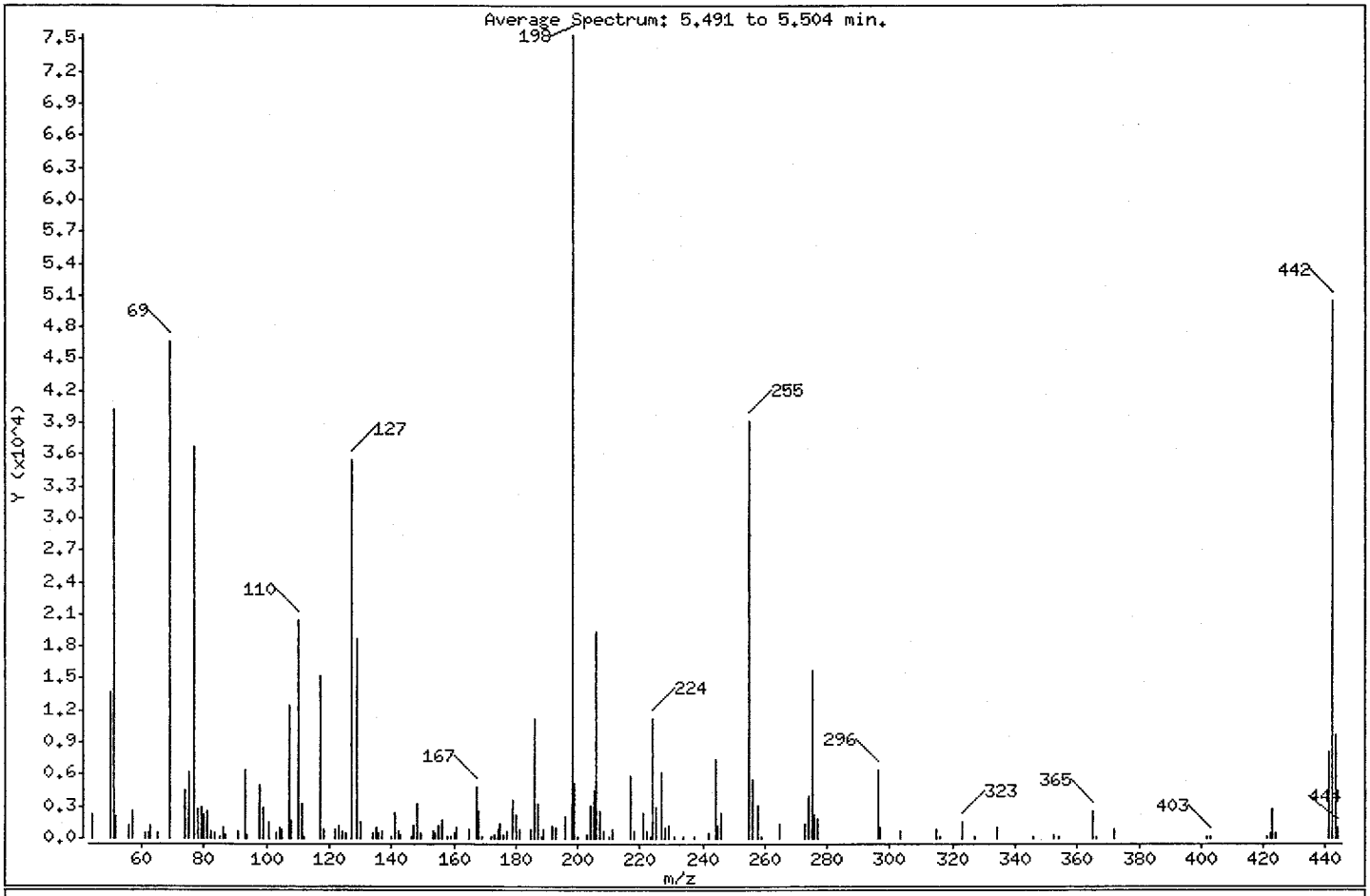
Sample Info: AADFTPP223a

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	53.41
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	61.84
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	47.17
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.93
275	10.00 - 30.00% of mass 198	20.99
365	Greater than 1.00% of mass 198	3.44
441	0.01 - 100.00% of mass 443	10.81 (84.08)
442	40.00 - 110.00% of mass 198	66.90
443	17.00 - 23.00% of mass 442	12.86 (19.22)

SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: AA5799

DFTPP Injection Date: 08/10/08

Instrument ID: BNAMS8

DFTPP Injection Time: 1938

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	61.8
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	47.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	21.0
365	Greater than 1.0% of mass 198	3.44
441	0.0 - 100.0% of mass 443	10.8 (84.1)2
442	40.0 - 110.0% of mass 198	66.9
443	17.0 - 23.0% of mass 442	12.9 (19.2)3

1-Value is % mass 69
2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	AASTD223	AASTD223	AA5800	08/10/08	1953
02	WB220Y	WB220Y	AA5801	08/10/08	2017
03	6517BS	6517BS	AA5802	08/10/08	2042
04	080408-01	940028	AA5803	08/10/08	2106
05	080408-02	940029	AA5804	08/10/08	2130
06	080408-03	940030	AA5805	08/10/08	2154
07	080408-04	940031	AA5806	08/10/08	2218
08	080408-05	940032	AA5807	08/10/08	2242
09	080408-06	940033	AA5808	08/10/08	2306
10	080508-09	940362	AA5811	08/11/08	0018
11	080508-10	940363	AA5812	08/11/08	0042
12	080508-11	940364	AA5813	08/11/08	0105
13	080508-11MS	940364MS	AA5814	08/11/08	0129
14	080508-11MSD	940364MSD	AA5815	08/11/08	0153
15	080508-12	940365	AA5816	08/11/08	0217
16	080508-13	940366	AA5817	08/11/08	0241
17	080508-14	940367	AA5818	08/11/08	0305
18	080508-15	940368	AA5819	08/11/08	0329
19	080508-16	940369	AA5820	08/11/08	0353

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5799.d

Date : 10-AUG-2008 19:38

Client ID:

Instrument: BNAMS8.i

Sample Info: AADFTPP223a

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: aa5799.d

Spectrum: Average Spectrum: 5.491 to 5.504 min.

Location of Maximum: 198.00

Number of points: 149

m/z	Y	m/z	Y	m/z	Y	m/z	Y
44.00	2222	118.00	922	179.00	3625	246.00	2359
50.00	13618	122.00	866	180.00	2250	255.00	39176
51.00	40280	123.00	1255	181.00	867	256.00	5572
52.00	2013	124.00	620	185.00	845	258.00	3108
56.00	1242	125.00	559	186.00	11259	259.00	242
57.00	2655	127.00	35568	187.00	3290	265.00	1315
61.00	533	129.00	18768	188.00	177	273.00	1370
62.00	590	130.00	1608	189.00	865	274.00	3911
63.00	1294	134.00	512	192.00	1134	275.00	15831
65.00	481	135.00	1047	193.00	979	276.00	2317
69.00	46640	136.00	529	196.00	2026	277.00	1909
74.00	4524	137.00	692	198.00	75424	296.00	6420
75.00	6304	140.00	186	199.00	5227	297.00	1014
77.00	36688	141.00	2442	200.00	181	303.00	681
78.00	2801	142.00	678	203.00	381	315.00	845
79.00	3008	143.00	429	204.00	3080	316.00	195
80.00	2269	146.00	257	205.00	4561	323.00	1603
81.00	2562	147.00	1231	206.00	19432	327.00	171
82.00	614	148.00	3319	207.00	2608	334.00	1122
83.00	456	149.00	568	208.00	621	346.00	211
85.00	216	153.00	755	210.00	192	352.00	278
86.00	975	154.00	455	211.00	819	354.00	214
87.00	402	155.00	1262	217.00	5914	365.00	2597
91.00	616	156.00	1776	218.00	668	366.00	209
93.00	6502	158.00	172	221.00	2451	372.00	904
94.00	388	159.00	174	222.00	752	402.00	184
98.00	4964	160.00	514	223.00	250	403.00	233
99.00	2937	161.00	995	224.00	11306	421.00	243
101.00	1501	165.00	832	225.00	3014	422.00	453
103.00	541	167.00	4849	227.00	6252	423.00	2711
104.00	1054	168.00	2538	228.00	969	424.00	447
105.00	946	169.00	192	229.00	1246	441.00	8157
107.00	12416	172.00	192	231.00	179	442.00	50456
108.00	1710	173.00	271	234.00	205	443.00	9701
110.00	20432	174.00	859	237.00	228	444.00	1019

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5799.d

Date : 10-AUG-2008 19:38

Client ID:

Instrument: BNAMS8.i

Sample Info: AADFTPP223a

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: aa5799.d

Spectrum: Average Spectrum: 5.491 to 5.504 min.

Location of Maximum: 198.00

Number of points: 149

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	3359	175.00	1390	242.00	581		
112.00	199	176.00	413	244.00	7418		
117.00	15248	177.00	695	245.00	1139		

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5799.d

Date : 10-AUG-2008 19:38

Client ID:

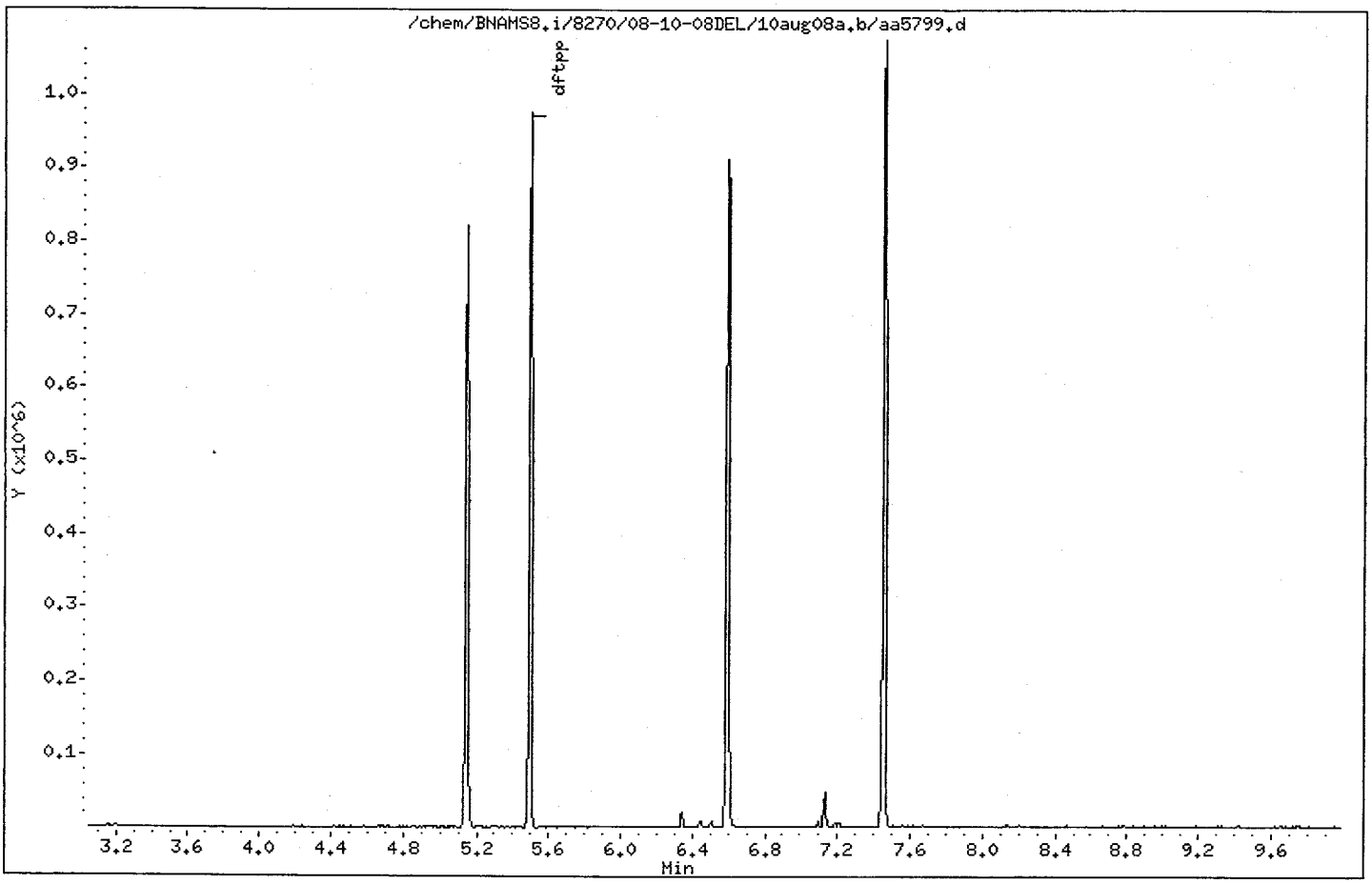
Instrument: BNAMS8.i

Sample Info: AADFTPP223a

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: AA5833

DFTPP Injection Date: 08/12/08

Instrument ID: BNAMS8

DFTPP Injection Time: 0951

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	57.5
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	69.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	19.4
365	Greater than 1.0% of mass 198	2.67
441	0.0 - 100.0% of mass 443	10.6 (97.9)2
442	40.0 - 110.0% of mass 198	55.7
443	17.0 - 23.0% of mass 442	10.8 (19.4)3

1-Value is % mass 69
2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	AASTD050	AASTD050	AA5834	08/12/08	1032
02	AASTD120	AASTD120	AA5835	08/12/08	1056
03	AASTD005	AASTD005	AA5836	08/12/08	1120
04	AASTD080	AASTD080	AA5837	08/12/08	1144
05	AASTD020	AASTD020	AA5838	08/12/08	1209
06	080508-07	940360	AA5843	08/12/08	1430
07	080508-08	940361	AA5844	08/12/08	1454
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5833.d

Date : 12-AUG-2008 09:51

Client ID:

Instrument: BNAMS8.i

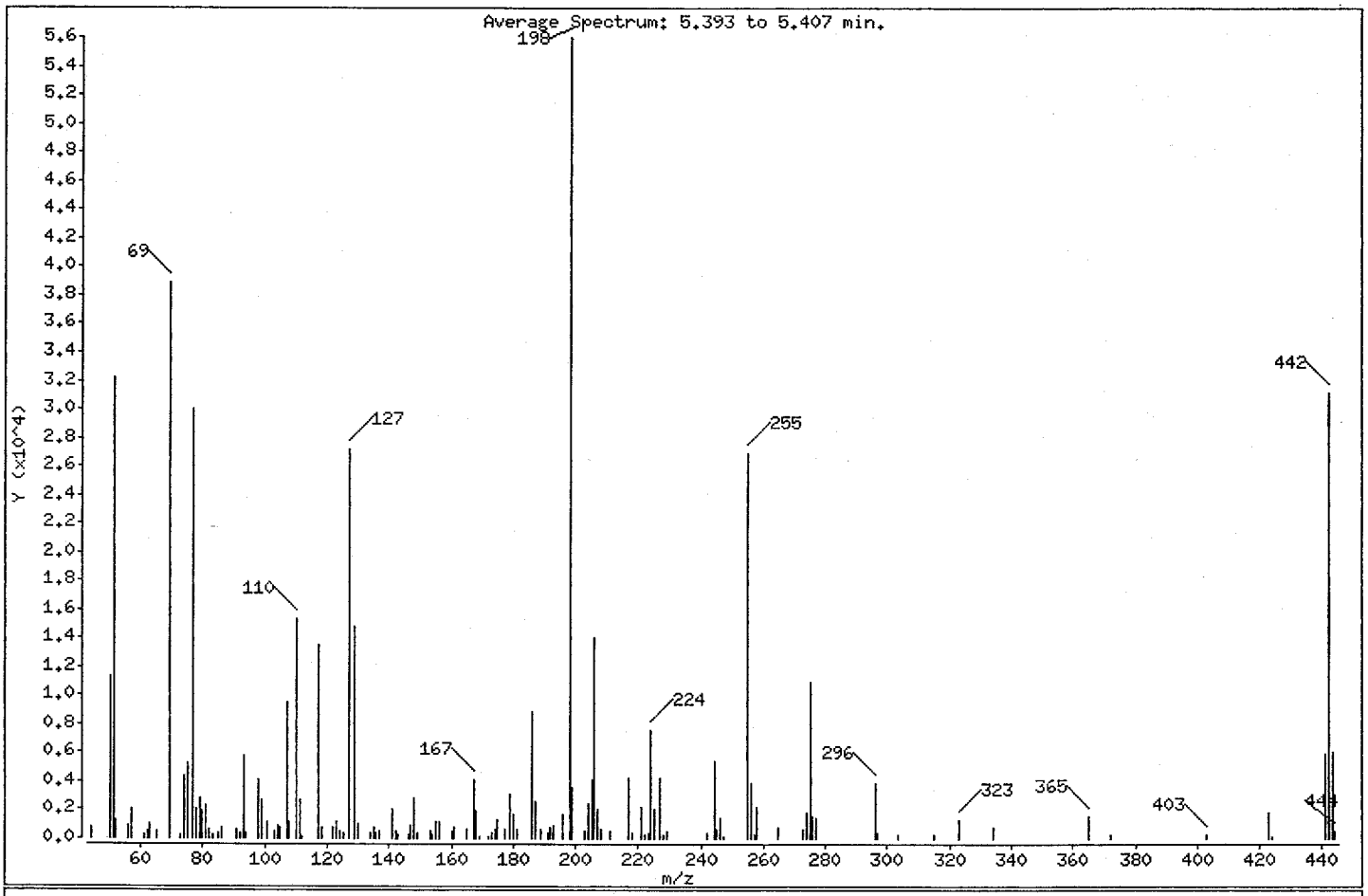
Sample Info: AADFTPP225

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	57.52
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	69.50
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.50
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.47
275	10.00 - 30.00% of mass 198	19.44
365	Greater than 1.00% of mass 198	2.67
441	0.01 - 100.00% of mass 443	10.58 (97.93)
442	40.00 - 110.00% of mass 198	55.67
443	17.00 - 23.00% of mass 442	10.80 (19.40)

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5833.d

Date : 12-AUG-2008 09:51

Client ID:

Instrument: BNAMS8.i

Sample Info: AADFTPP225

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: aa5833.d

Spectrum: Average Spectrum: 5.393 to 5.407 min.

Location of Maximum: 198.00

Number of points: 132

m/z	Y	m/z	Y	m/z	Y	m/z	Y
44.00	730	108.00	1199	172.00	167	242.00	397
50.00	11309	110.00	15284	173.00	393	244.00	5400
51.00	32224	111.00	2642	174.00	698	245.00	611
52.00	1259	112.00	175	175.00	1253	246.00	1469
56.00	873	117.00	13539	177.00	646	247.00	169
57.00	2081	118.00	728	179.00	3083	255.00	26888
61.00	243	122.00	739	180.00	1663	256.00	3864
62.00	485	123.00	1120	181.00	642	257.00	216
63.00	1078	124.00	456	186.00	8862	258.00	2130
65.00	559	125.00	392	187.00	2567	265.00	823
69.00	38936	127.00	27168	189.00	623	273.00	704
73.00	219	129.00	14871	191.00	359	274.00	1779
74.00	4404	130.00	1057	192.00	732	275.00	10891
75.00	5242	134.00	359	193.00	840	276.00	1513
77.00	29952	135.00	711	196.00	1663	277.00	1388
78.00	2116	136.00	378	198.00	56024	296.00	3909
79.00	2809	137.00	567	199.00	3627	297.00	393
80.00	1938	141.00	1999	203.00	562	303.00	213
81.00	2350	142.00	543	204.00	2392	315.00	204
82.00	584	143.00	230	205.00	4126	323.00	1260
83.00	263	146.00	213	206.00	14020	334.00	764
85.00	427	147.00	903	207.00	2046	365.00	1497
86.00	816	148.00	2770	208.00	612	372.00	270
91.00	669	149.00	408	211.00	572	403.00	198
92.00	389	153.00	510	217.00	4229	423.00	1758
93.00	5834	154.00	213	218.00	414	424.00	188
94.00	366	155.00	1114	221.00	2136	441.00	5926
98.00	4108	156.00	1151	222.00	278	442.00	31184
99.00	2759	160.00	550	223.00	449	443.00	6051
101.00	1162	161.00	761	224.00	7535	444.00	453
103.00	472	165.00	658	225.00	2080		
104.00	842	167.00	4162	227.00	4205		
105.00	766	168.00	1877	228.00	210		
107.00	9560	169.00	174	229.00	565		

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5833.d

Date : 12-AUG-2008 09:51

Client ID:

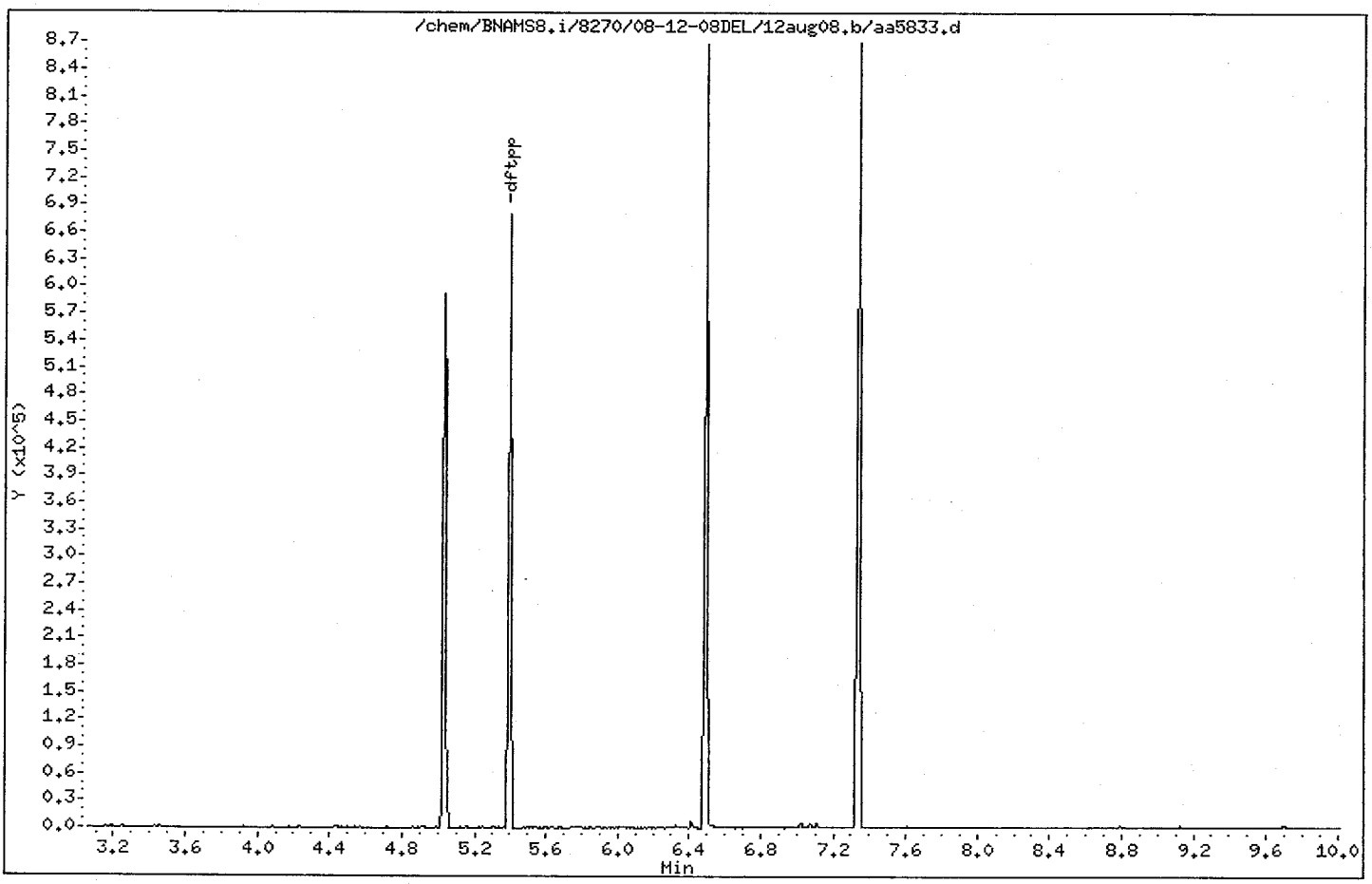
Instrument: BNAMS8.i

Sample Info: AADFTPP225

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



Method Blank Results Summary

LAB SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

WB220Y

Matrix: WATER

Date Analyzed: 08/10/08

Level: LOW

Time Analyzed: 2017

Instrument ID: BNAMS8

Lab File ID: AA5801

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	DATE ANALYZED
01	6517BS	6517BS	AA5802	08/10/08
02	080408-01	940028	AA5803	08/10/08
03	080408-02	940029	AA5804	08/10/08
04	080408-03	940030	AA5805	08/10/08
05	080408-04	940031	AA5806	08/10/08
06	080408-05	940032	AA5807	08/10/08
07	080408-06	940033	AA5808	08/10/08
08	080508-09	940362	AA5811	08/11/08
09	080508-10	940363	AA5812	08/11/08
10	080508-11	940364	AA5813	08/11/08
11	080508-11MS	940364MS	AA5814	08/11/08
12	080508-11MSD	940364MSD	AA5815	08/11/08
13	080508-12	940365	AA5816	08/11/08
14	080508-13	940366	AA5817	08/11/08
15	080508-14	940367	AA5818	08/11/08
16	080508-15	940368	AA5819	08/11/08
17	080508-16	940369	AA5820	08/11/08
18	080508-07	940360	AA5843	08/12/08
19	080508-08	940361	AA5844	08/12/08
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Client ID: **WB220Y**
Site:

Lab Sample No: **WB220Y**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5801.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
N-Nitrosodimethylamine	ND	10
bis(2-Chloroethyl)ether	ND	1.0
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
1,2,4-Trichlorobenzene	ND	1.0
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10

Client ID: **WB220Y**
Site:

Lab Sample No: **WB220Y**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5801.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Benzidine	ND	20
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Pyridine	ND	10
Aniline	ND	10

Client ID: **WB220Y**
Site:

Lab Sample No: **WB220Y**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5801.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Benzyl Alcohol	ND	10
1,2-Diphenylhydrazine	ND	10
Diphenyl	ND	10
Diphenyl Ether	ND	10
Acetophenone	ND	10
1,4-Dioxane	ND	10
N,N-Dimethylaniline	ND	1.0
2,3,7,8-TCDD (Screen)	ND	1.0
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10
n-decane	ND	10
Coumarin	ND	10
o-Tricresylphosphate	ND	10
Carbamazepine	ND	20
1-Methylnaphthalene	ND	20

Client ID: **WB220Y**
Site:

Lab Sample No: **WB220Y**
Lab Job No: X765

Date Sampled: _____
Date Received: _____
Date Extracted: 08/07/08
Date Analyzed: 08/10/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa5801.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d
Report Date: 11-Aug-2008 14:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d
Lab Smp Id: WB220Y Client Smp ID: WB220Y
Inj Date : 10-AUG-2008 20:17
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : WB220Y;MB85750
Misc Info :
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

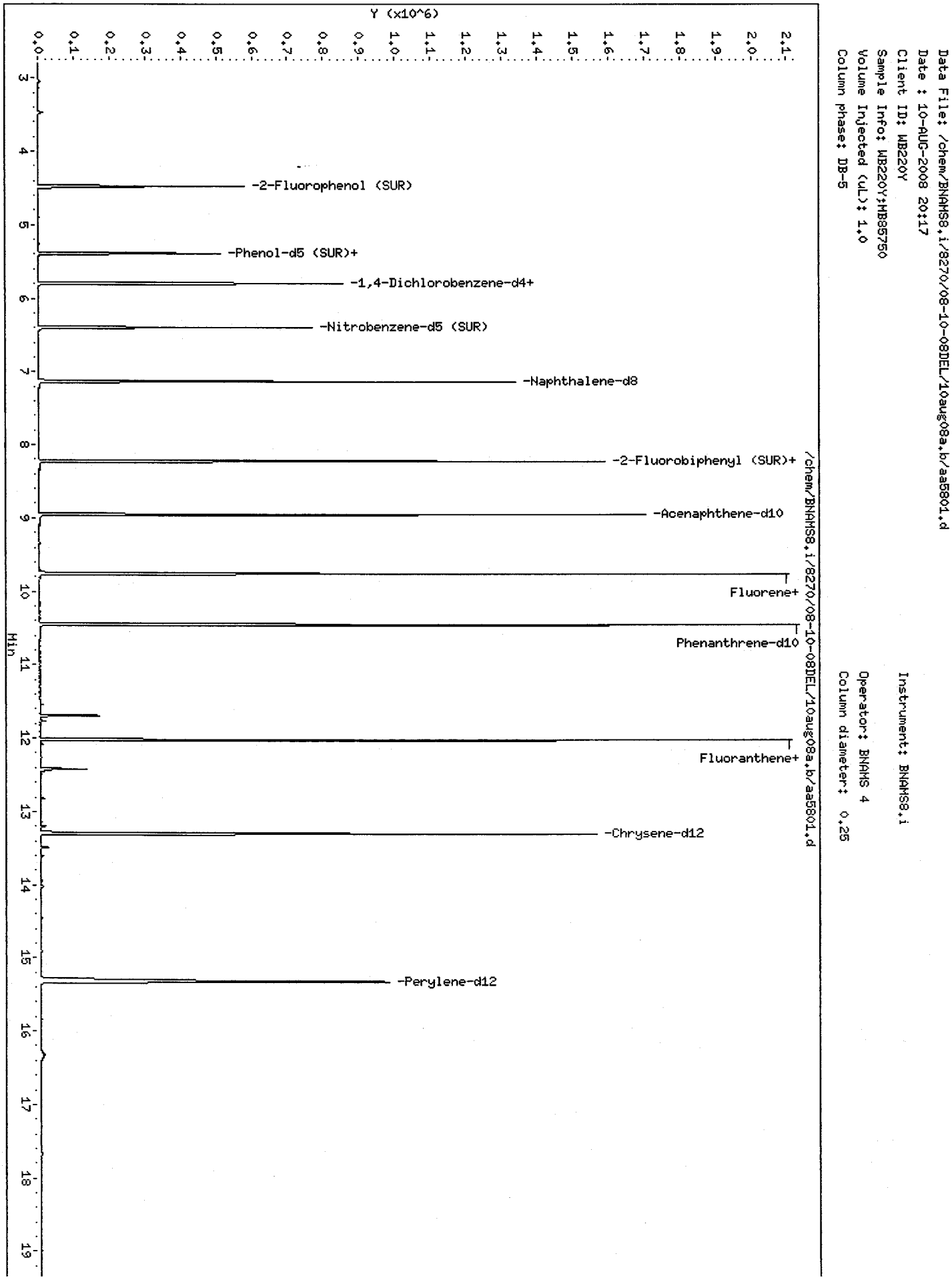
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.477	4.483	(0.772)	150549	39.1147	78
$ 17 Phenol-d5 (SUR)	99	5.387	5.401	(0.929)	133961	24.8306	50
113 n-decane	43	5.387	5.573	(0.929)	20086	3.48223	7.0(a)
* 79 1,4-Dichlorobenzene-d4	152	5.800	5.799	(1.000)	124750	40.0000	
74 Benzyl Alcohol	108	5.800	5.939	(1.009)	815	0.27441	0.55(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.398	6.404	(0.897)	218570	34.8078	70
* 80 Naphthalene-d8	136	7.135	7.135	(1.000)	539424	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.225	8.232	(0.918)	391960	35.6697	71
103 Diphenyl Ether	170	8.225	8.431	(0.918)	97387	14.6585	29
* 82 Acenaphthene-d10	164	8.957	8.956	(1.000)	401311	40.0000	
47 Fluorene	166	9.761	9.501	(1.090)	8561	0.71925	1.4(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.761	9.767	(1.090)	207146	85.4694	170
50 4-Bromophenyl phenylether	248	9.761	9.953	(0.934)	13702	3.37403	6.7(a)
* 83 Phenanthrene-d10	188	10.452	10.459	(1.000)	666503	40.0000	
56 Fluoranthene	202	12.020	11.695	(1.150)	2555	0.10884	0.22(a)
58 Benzidine	184	12.020	11.774	(1.150)	13338	3.00742	6.0(a)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d
Report Date: 11-Aug-2008 14:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
~~57 Pyrene~~	~~202~~	~~12.020~~	~~11.934~~	~~(0.904)~~	~~2555~~	~~0.12619~~	~~0.25(a)~~
$ 78 Terphenyl-d14	244	12.020	12.020	(0.904)	636742	40.5006	81
* 81 Chrysene-d12	240	13.303	13.310	(1.000)	705900	40.0000	
* 84 Perylene-d12	264	15.324	15.324	(1.000)	587365	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS8,i/8270/08-10-08DEL/10aug08a,b/aa5801.d
Date : 10-AUG-2008 20:17
Client ID: WB220Y
Sample Info: WB220Y;MB85750
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8,i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)+
-1,4-Dichlorobenzene-d4+
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)+
-Acenaphthene-d10
Fluorene+
Phenanthrene-d10
Fluoranthene+
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8,i/8270/08-10-08DEL/10aug08a,b/aa5801.d

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d

Date : 10-AUG-2008 20:17

Client ID: WB220Y

Instrument: BNAMS8.i

Sample Info: WB220Y;MB85750

Volume Injected (uL): 1.0

Operator: BNAMS 4

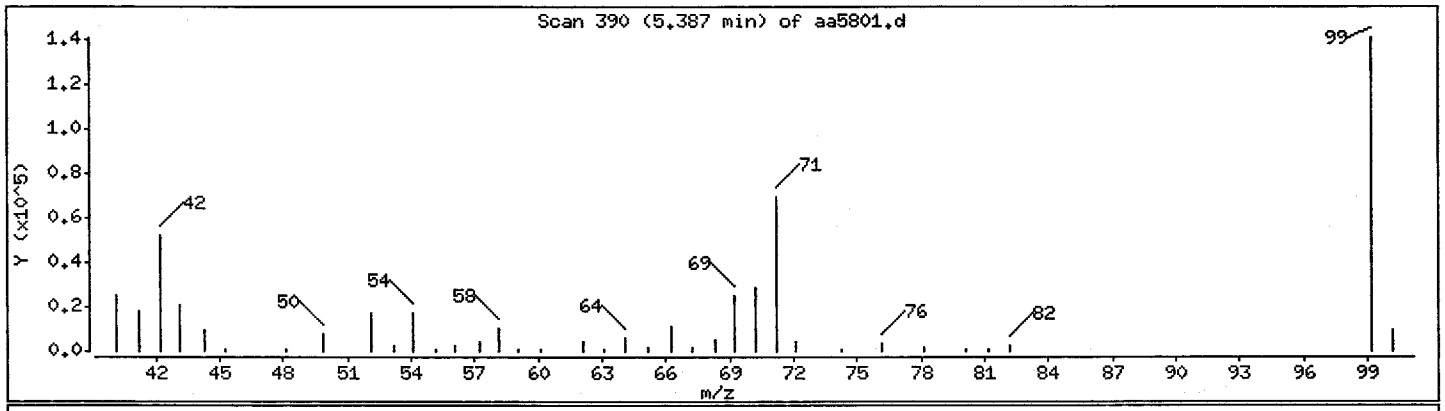
Column phase: DB-5

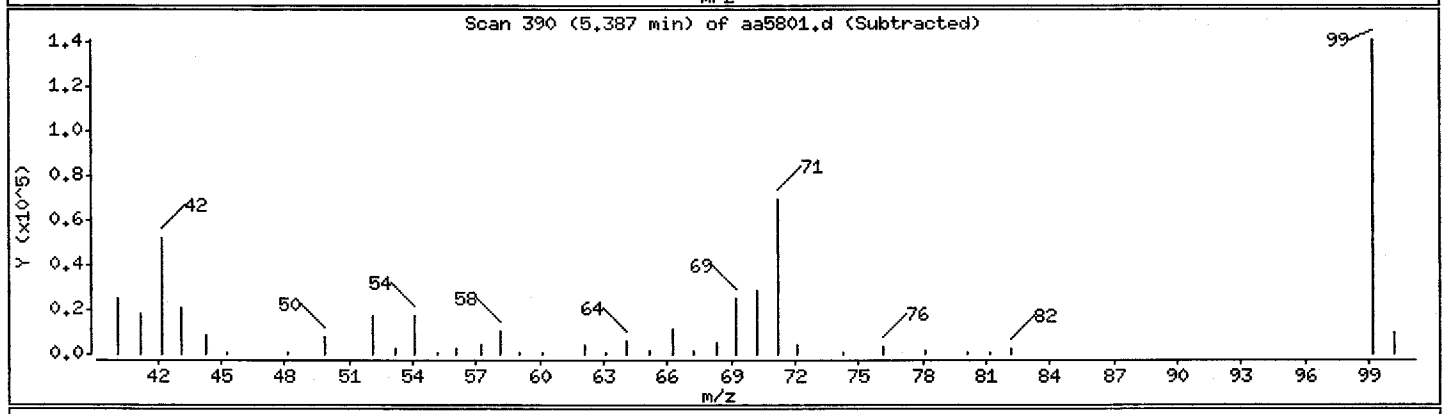
Column diameter: 0.25

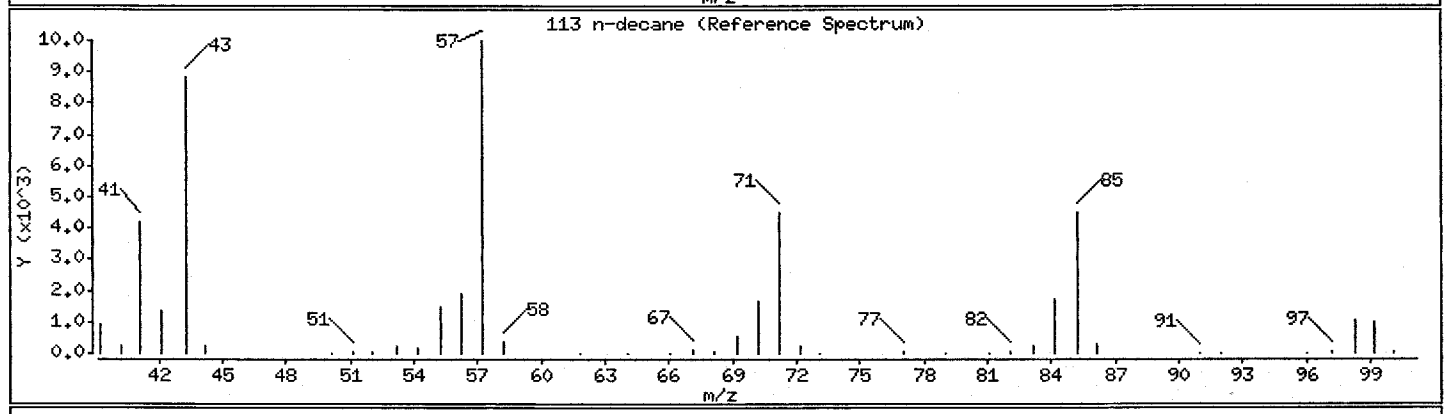
113 n-decane

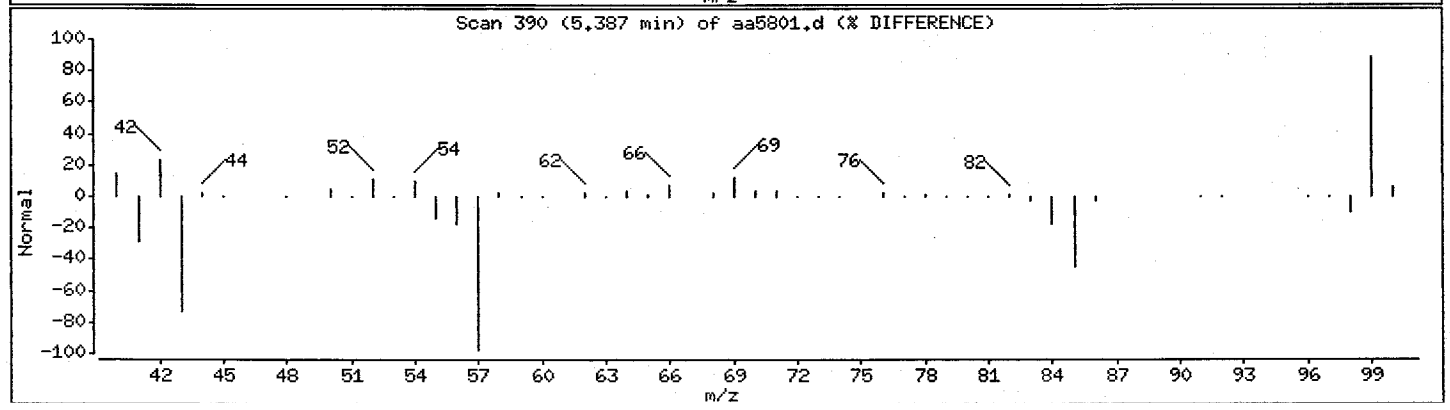
Concentration: 7.0 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d

Date : 10-AUG-2008 20:17

Client ID: WB220Y

Instrument: BNAMS8.i

Sample Info: WB220Y;MB85750

Volume Injected (uL): 1.0

Operator: BNAMS 4

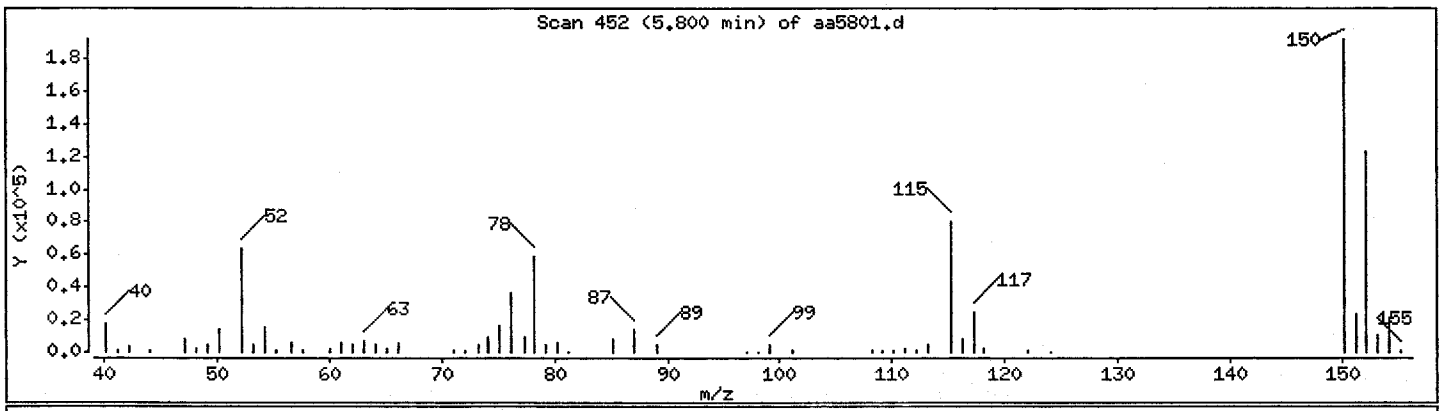
Column phase: DB-5

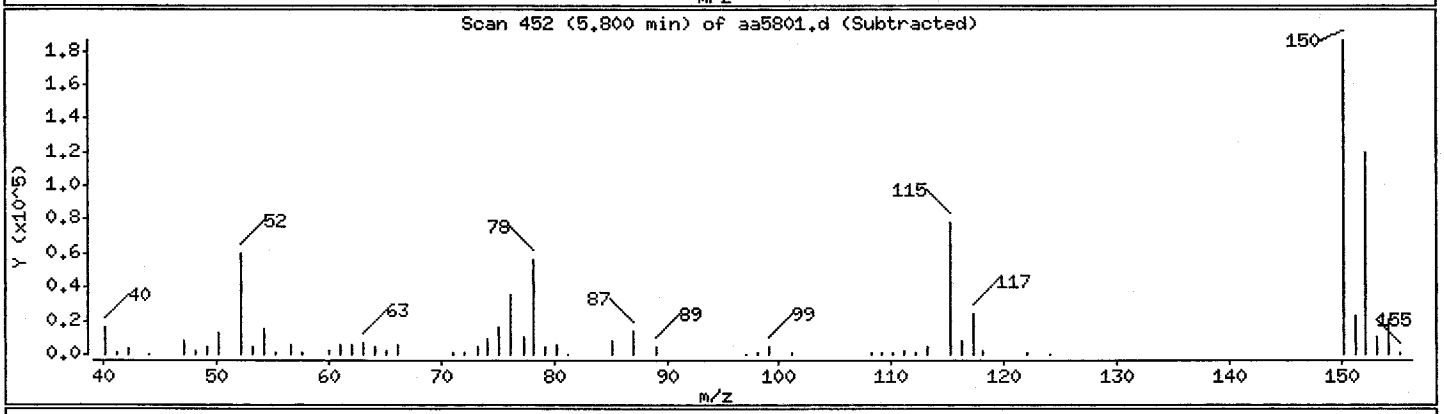
Column diameter: 0.25

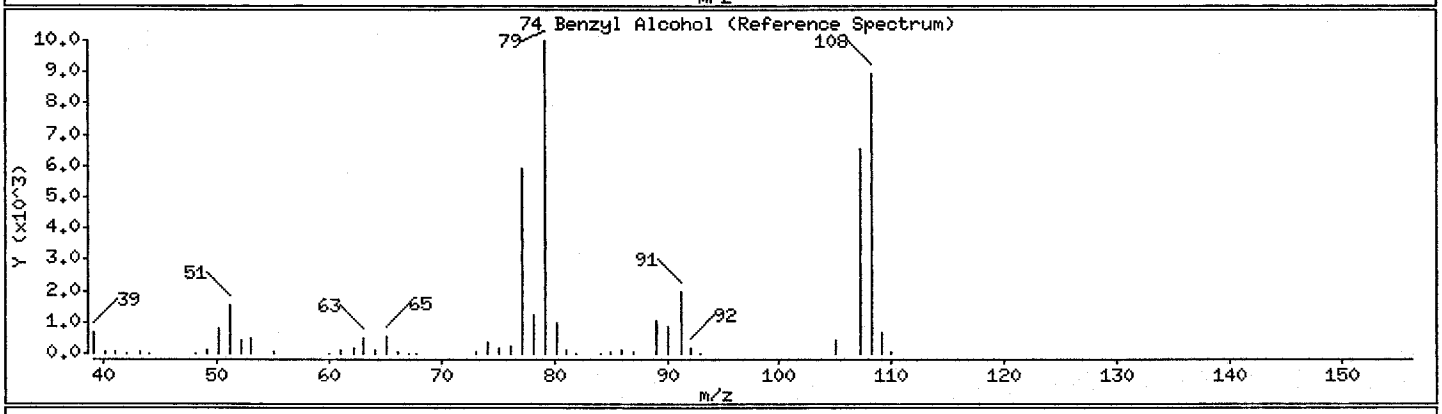
74 Benzyl Alcohol

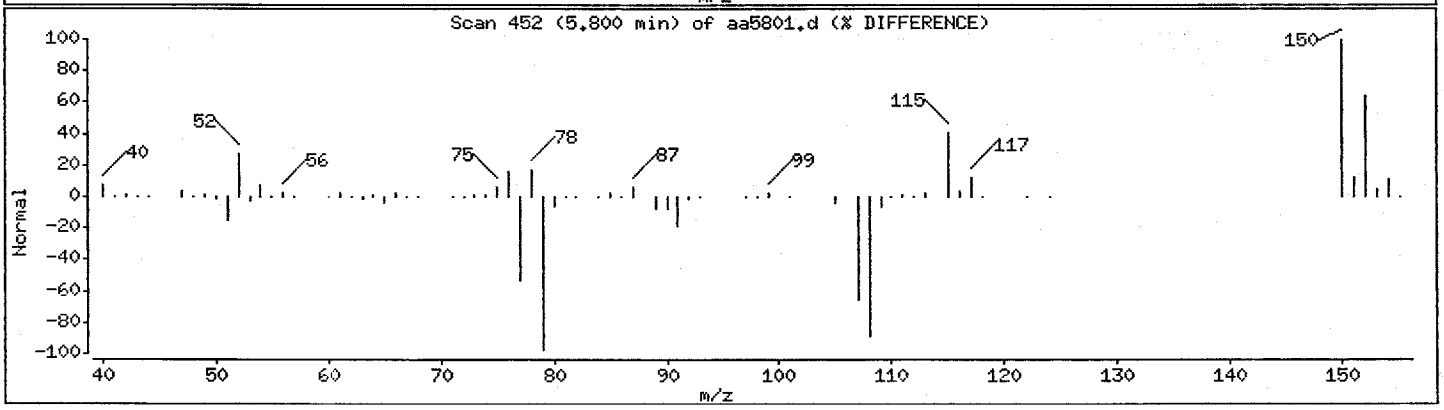
Concentration: 0.55 ug/L

FALSE POSITIVE









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d

Date : 10-AUG-2008 20:17

Client ID: WB220Y

Instrument: BNAMS8.i

Sample Info: WB220Y;MB85750

Volume Injected (uL): 1.0

Operator: BNAMS 4

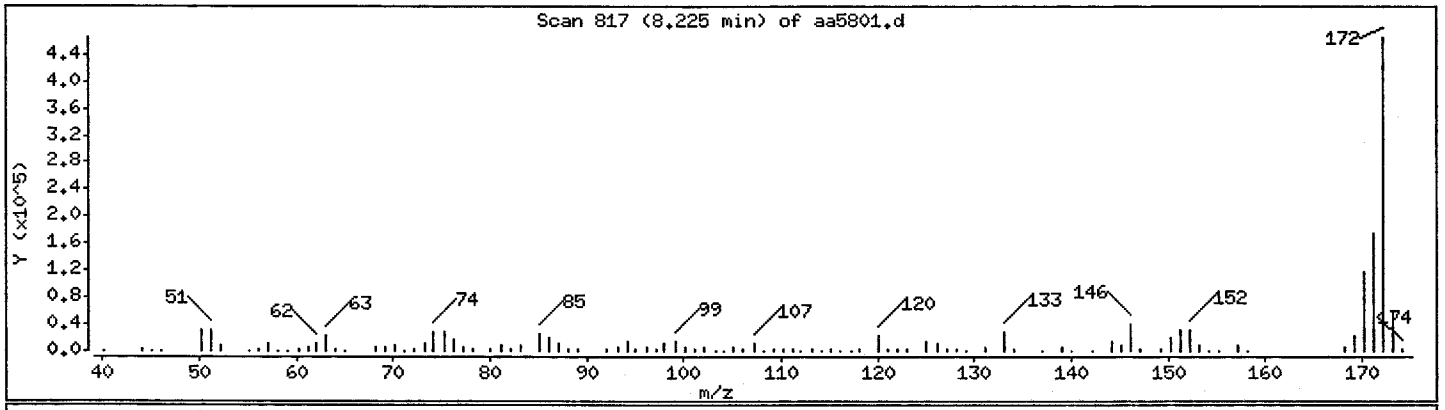
Column phase: DB-5

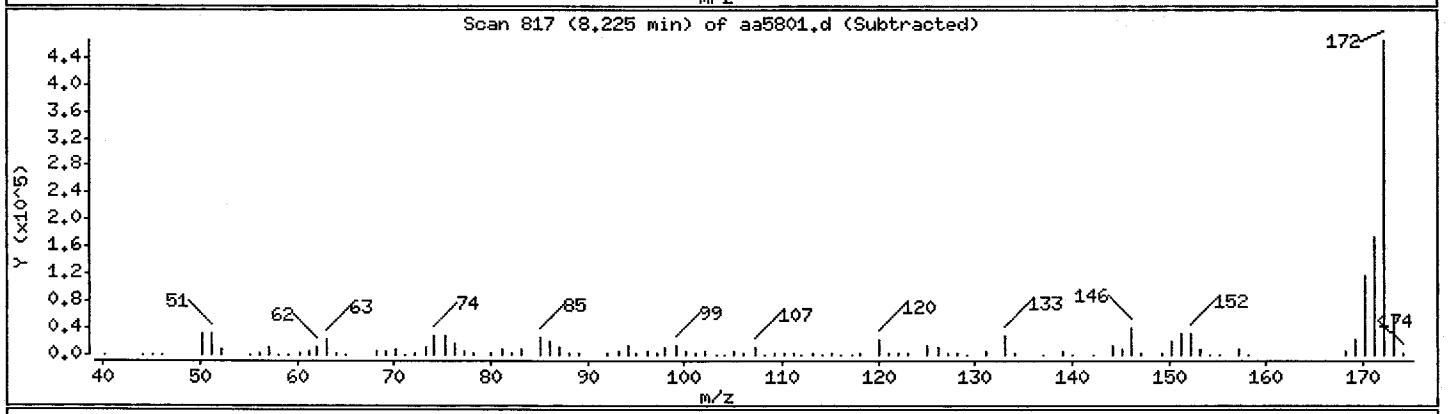
Column diameter: 0.25

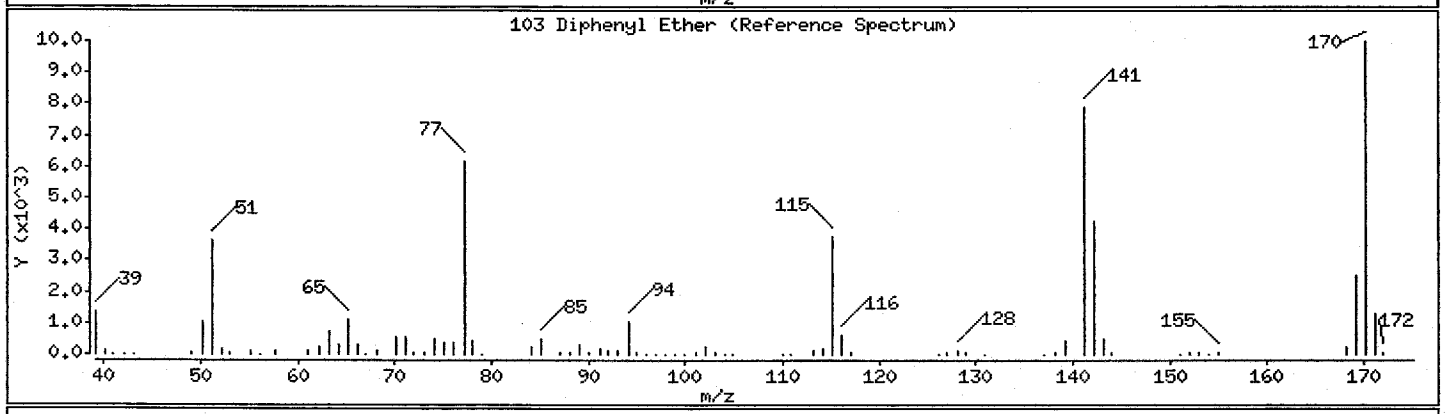
103 Diphenyl Ether

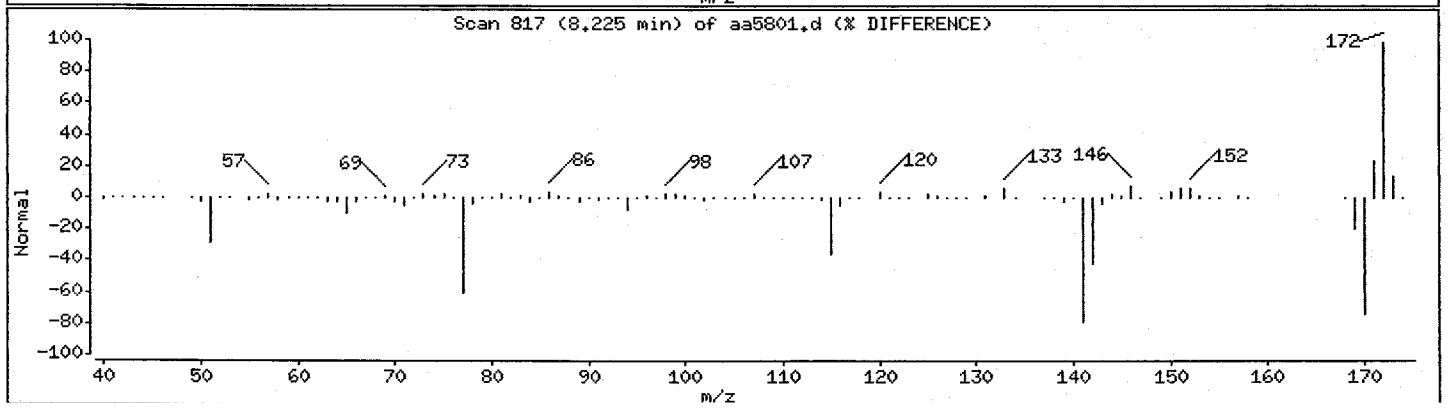
Concentration: 29 ug/L

FALSE POSITIVE









FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d

Date : 10-AUG-2008 20:17

Client ID: WB220Y

Instrument: BNAMS8.i

Sample Info: WB220Y;MB85750

Volume Injected (uL): 1.0

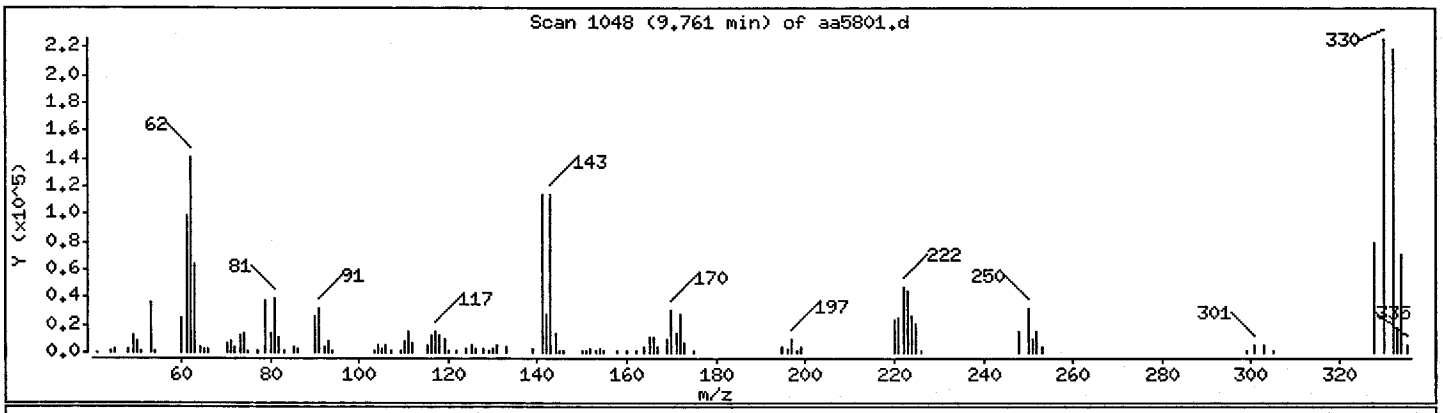
Operator: BNAMS 4

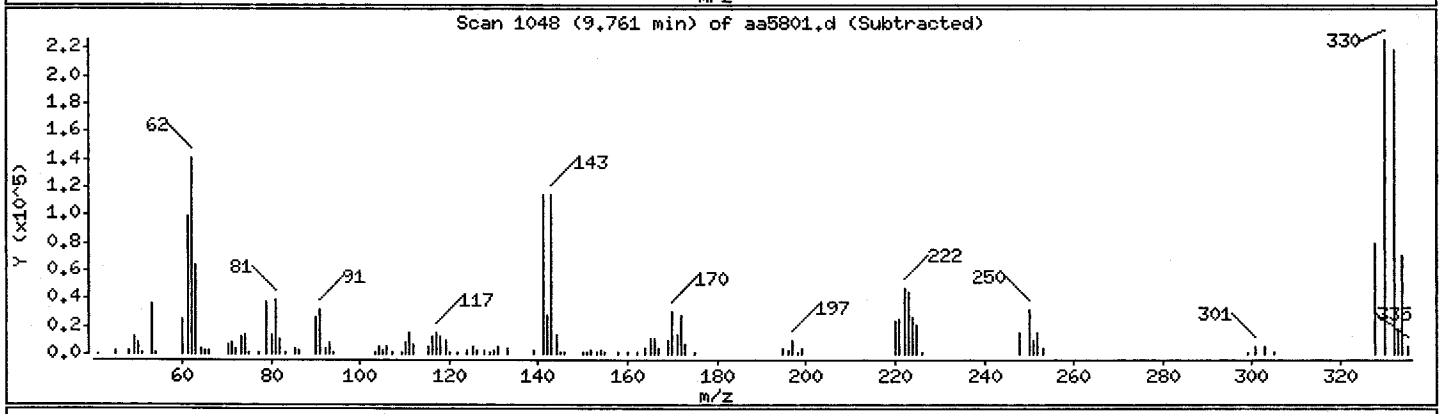
Column phase: DB-5

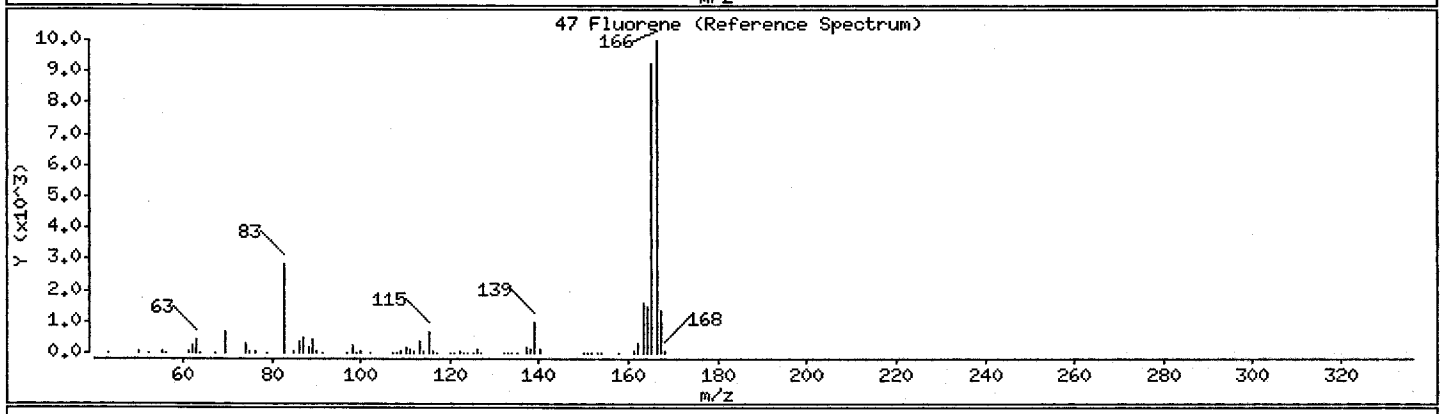
Column diameter: 0.25

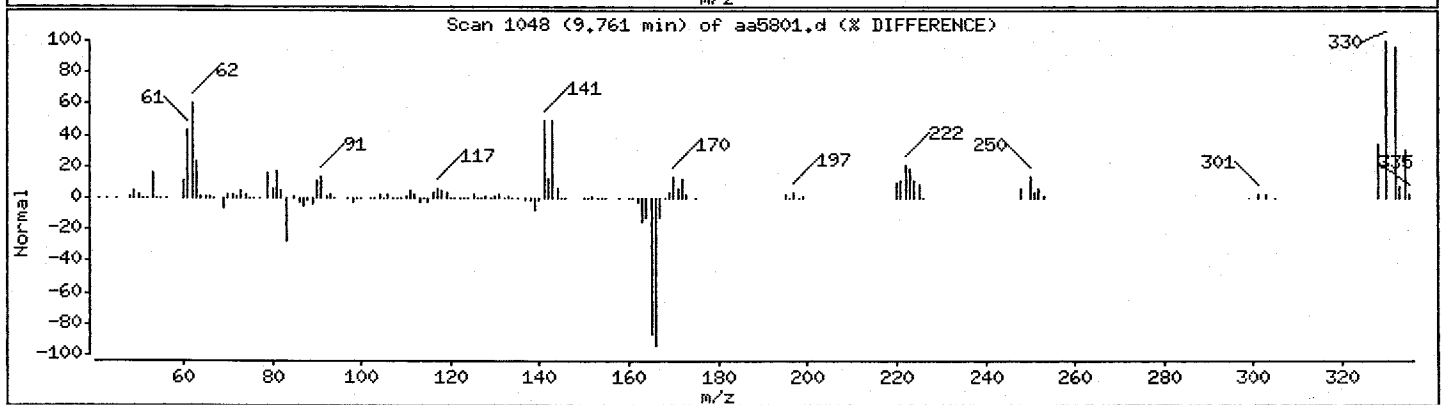
47 Fluorene

Concentration: 1.4 ug/L









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d

Date : 10-AUG-2008 20:17

Client ID: WB220Y

Instrument: BNAMS8.i

Sample Info: WB220Y;MB85750

Volume Injected (uL): 1.0

Operator: BNAMS 4

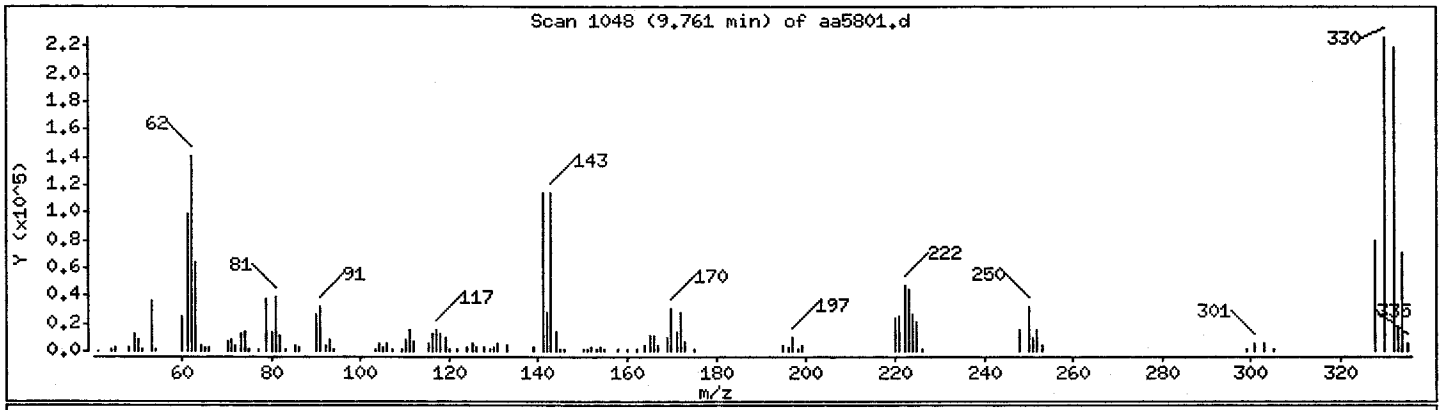
Column phase: DB-5

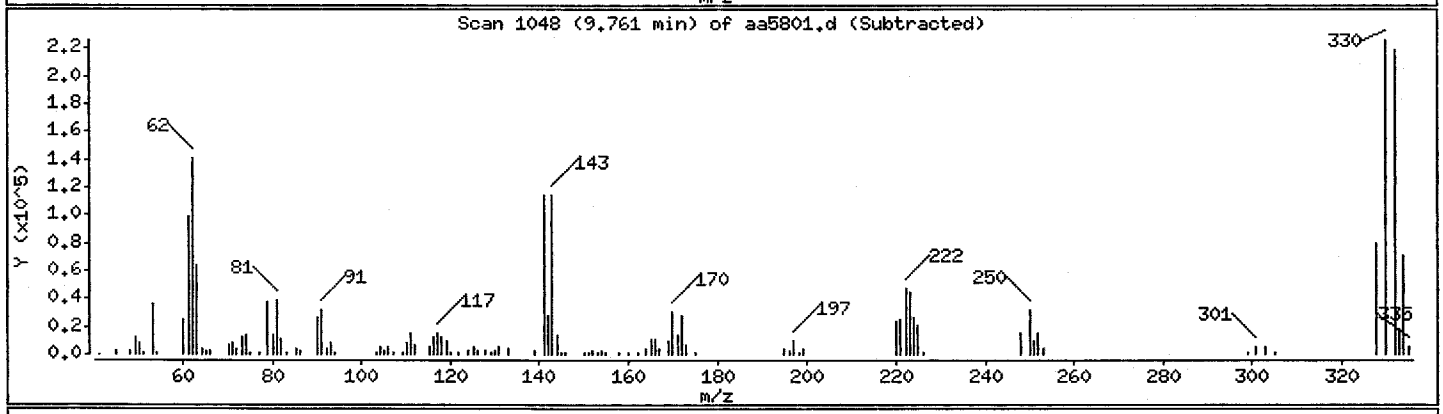
Column diameter: 0.25

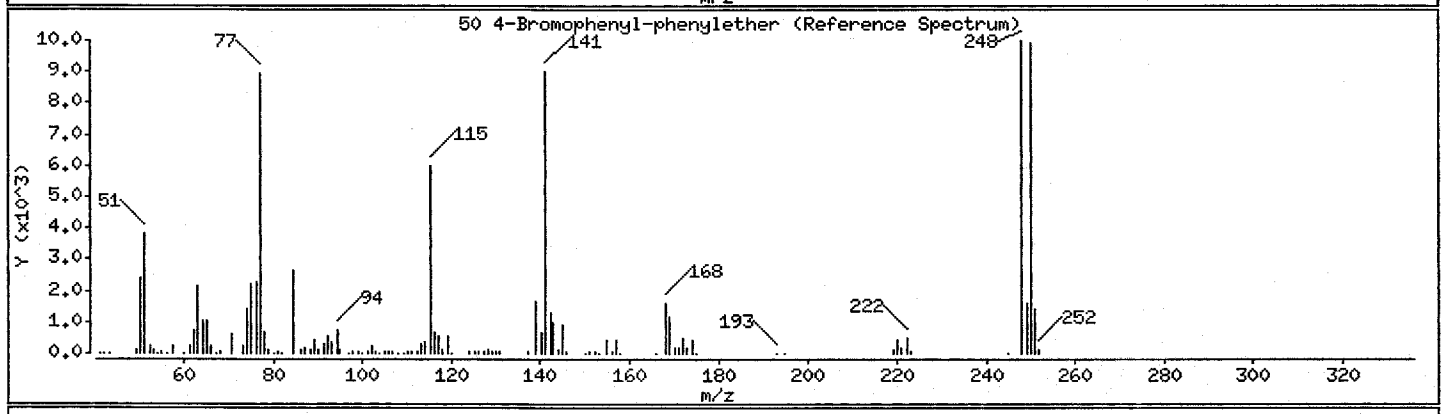
50 4-Bromophenyl-phenylether

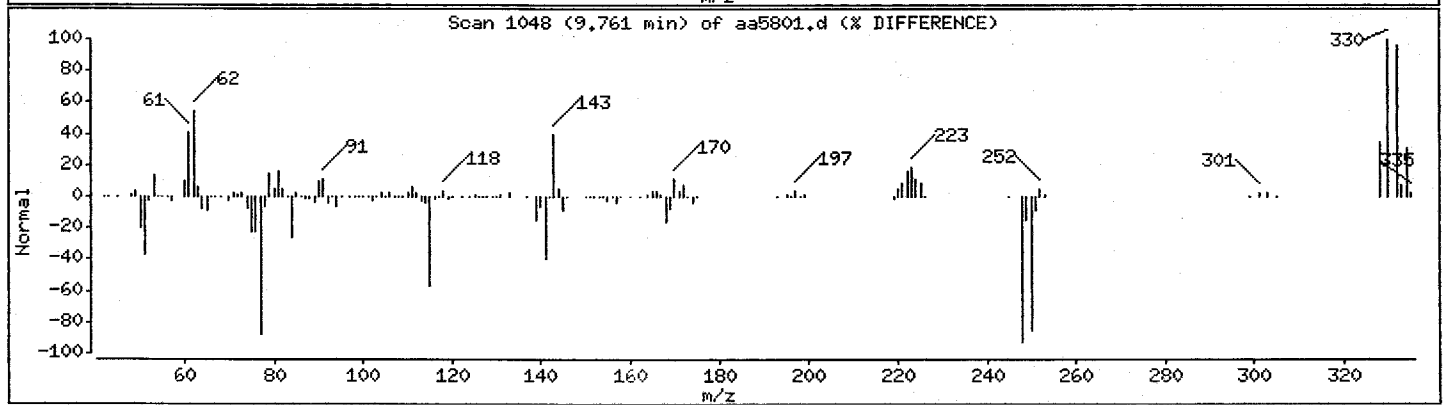
Concentration: 6.7 ug/L

FALSE POSITIVE Init









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d

Date : 10-AUG-2008 20:17

Client ID: WB220Y

Instrument: BNAMS8.i

Sample Info: WB220Y;MB85750

Volume Injected (uL): 1.0

Operator: BNAMS 4

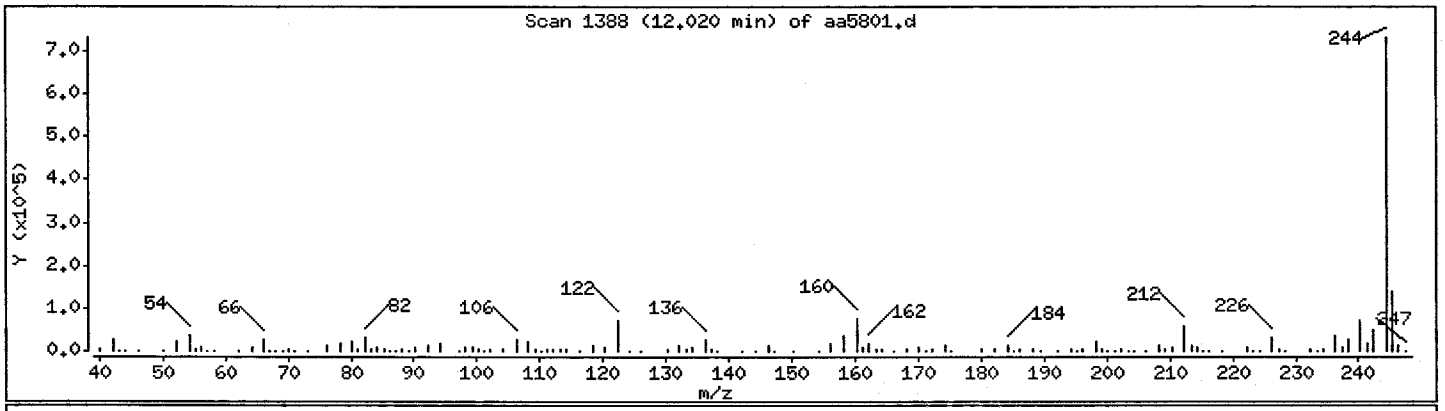
Column phase: DB-5

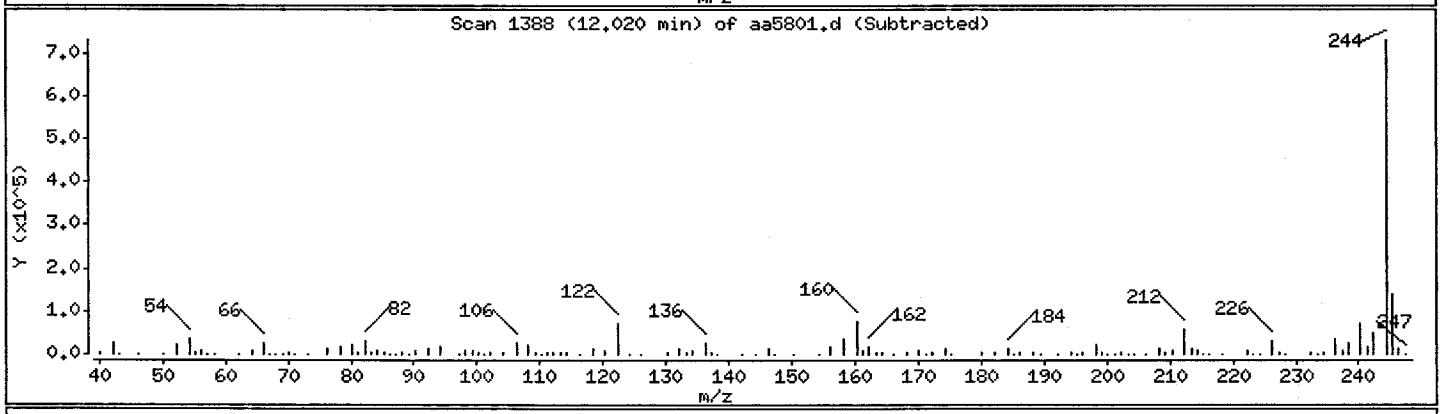
Column diameter: 0.25

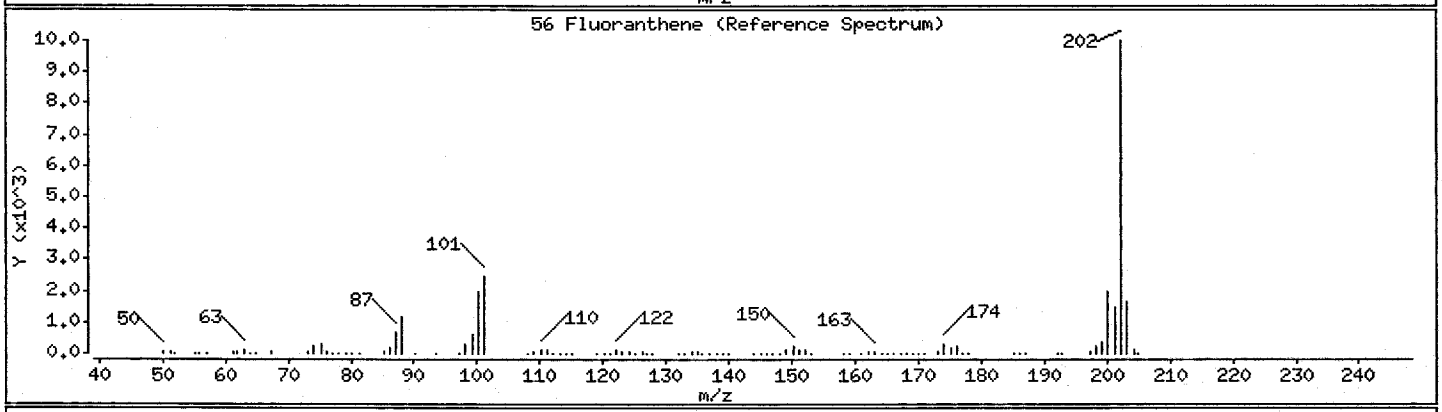
56 Fluoranthene

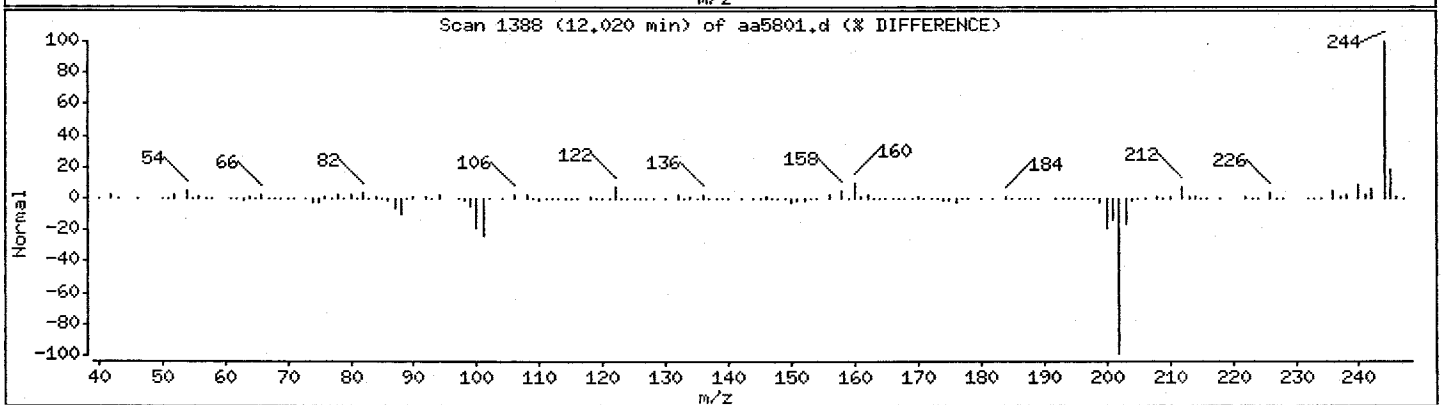
Concentration: 0.22 ug/L

FALSE POSITIVE Init.









Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d

Date : 10-AUG-2008 20:17

Client ID: WB220Y

Instrument: BNAMS8.i

Sample Info: WB220Y;MB85750

Volume Injected (uL): 1.0

Operator: BNAMS 4

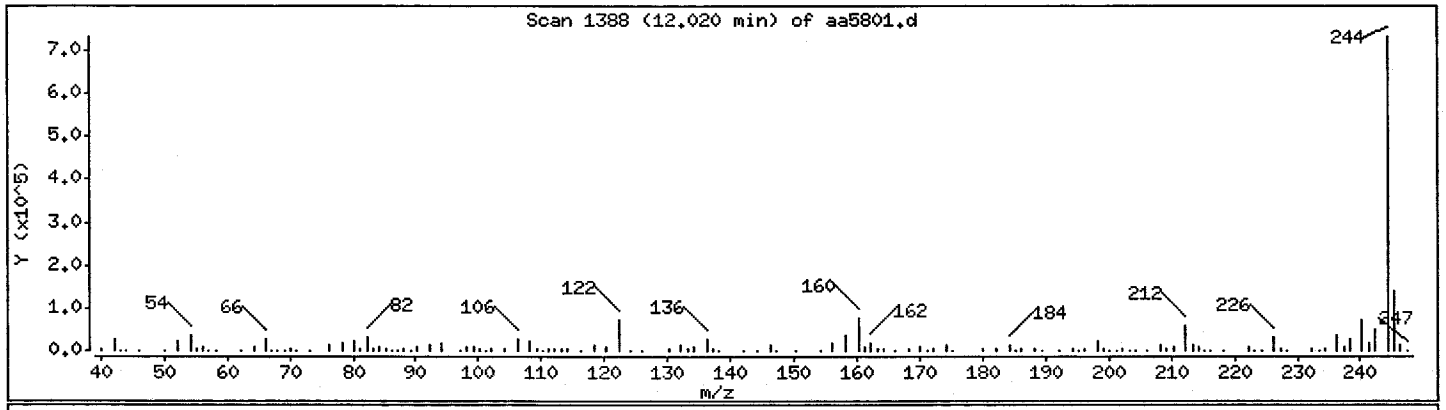
Column phase: DB-5

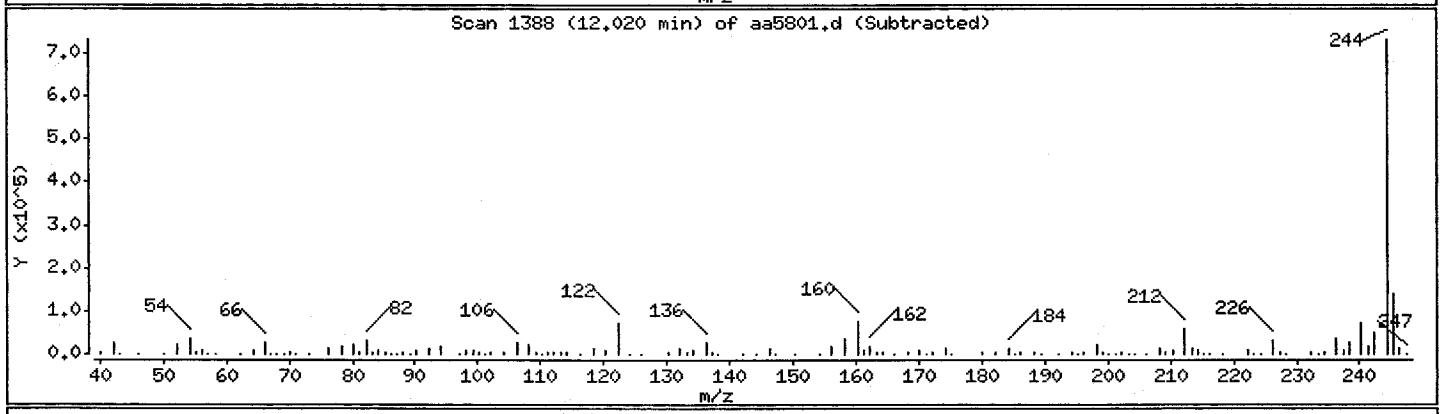
Column diameter: 0.25

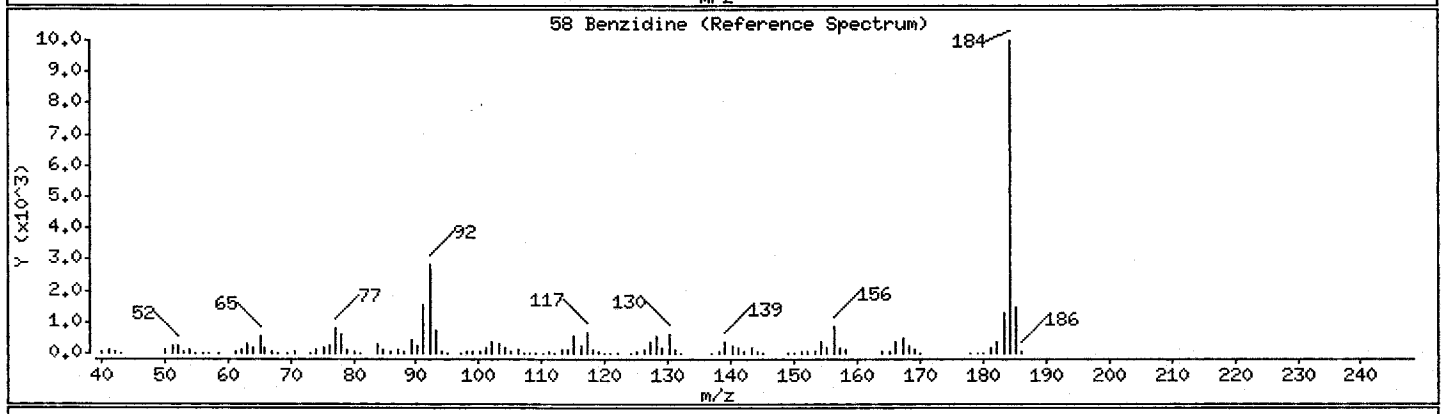
58 Benzidine

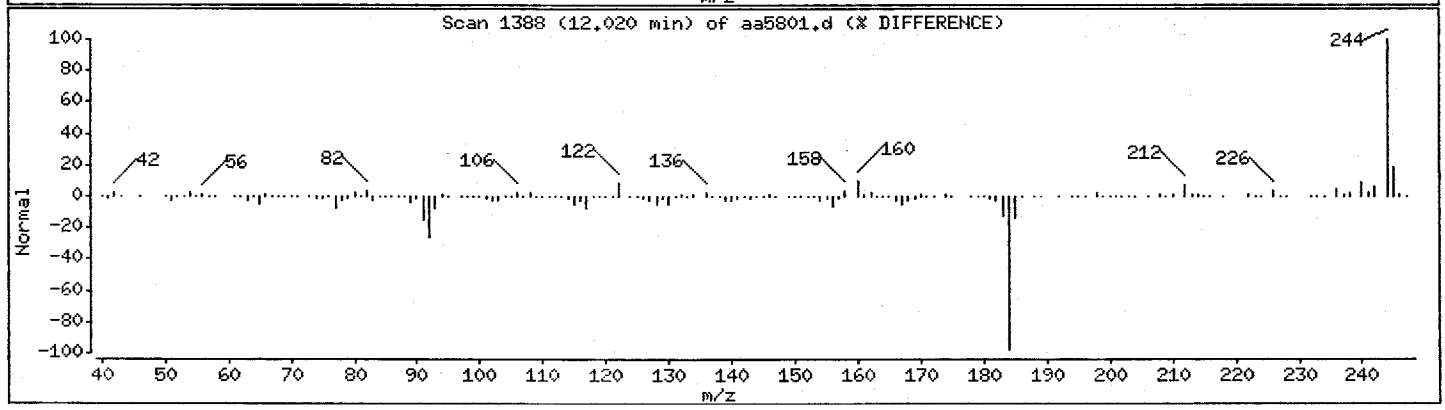
Concentration: 6.0 ug/L

FALSE POSITIVE Init.









FALSE POSITIVE
Init.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5801.d

Date : 10-AUG-2008 20:17

Client ID: WB220Y

Instrument: BNAMS8.i

Sample Info: WB220Y;MB85750

Volume Injected (uL): 1.0

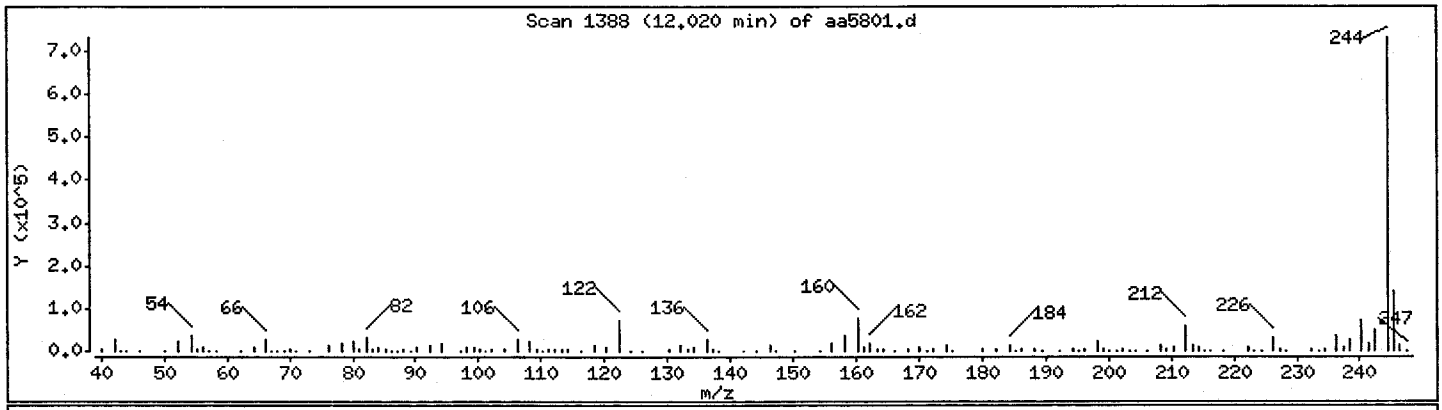
Operator: BNAMS 4

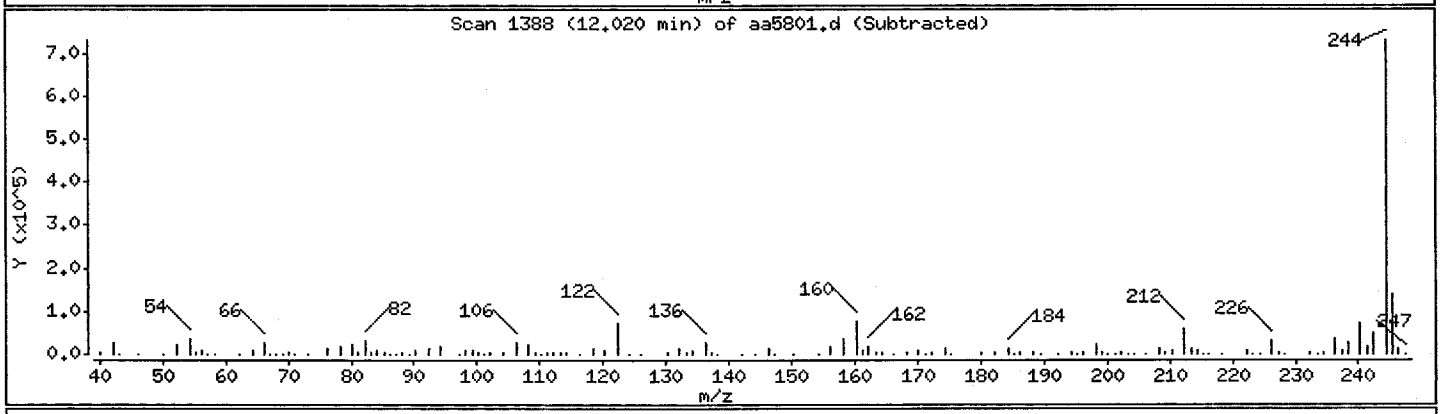
Column phase: DB-5

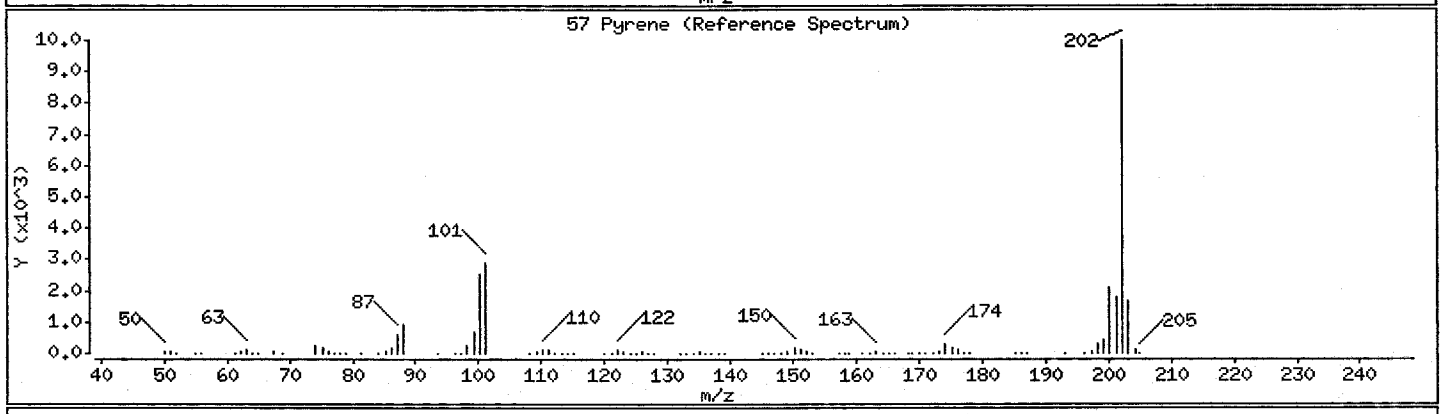
Column diameter: 0.25

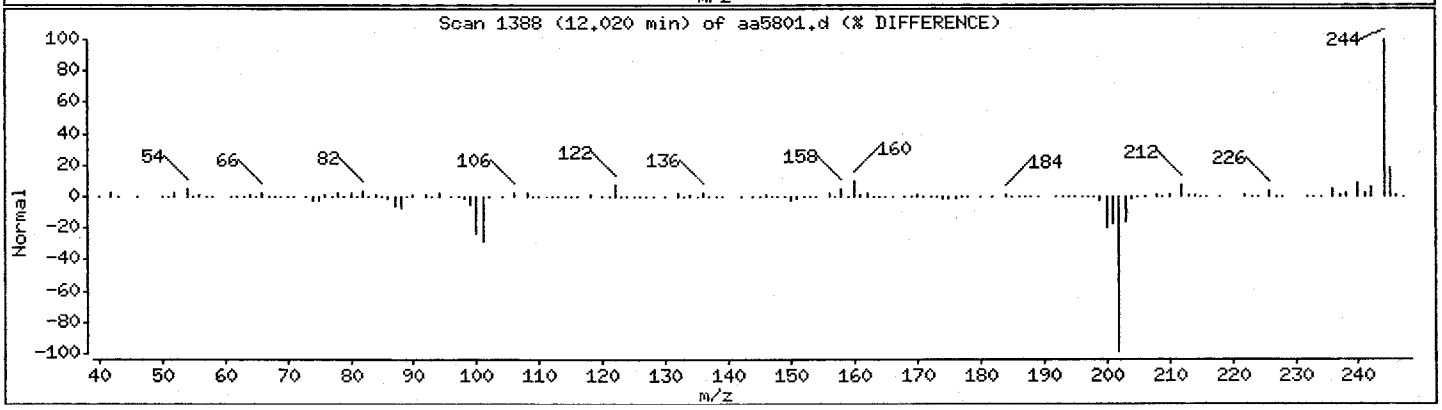
57 Pyrene

Concentration: 0.25 ug/L









Calibration Summary

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/10/08 08/10/08

Calibration Time(s): 1646 1822

LAB FILE ID: RRF5: AA5794 RRF20: AA5796 RRF50: AA5792
RRF80: AA5795 RRF120: AA5793

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Phenol	1.718	1.752	1.735	1.860	1.823
2-Chlorophenol	1.235	1.356	1.344	1.413	1.454
2-Methylphenol	1.327	1.281	1.308	1.348	1.345
4-Methylphenol	1.334	1.378	1.368	1.439	1.436
2-Nitrophenol	0.196	0.204	0.206	0.232	0.285
2,4-Dimethylphenol	0.297	0.308	0.316	0.351	0.400
2,4-Dichlorophenol	0.269	0.290	0.302	0.328	0.378
4-Chloro-3-methylphenol	0.344	0.360	0.373	0.338	0.359
2,4,6-Trichlorophenol	0.310	0.345	0.356	0.338	0.349
2,4,5-Trichlorophenol	0.361	0.366	0.362	0.369	0.415
2,4-Dinitrophenol	0.172	0.200	0.202	0.205	0.206
4-Nitrophenol	0.344	0.358	0.315	0.308	0.280
4,6-Dinitro-2-methylphenol	0.161	0.171	0.186	0.244	0.291
Pentachlorophenol	0.186	0.202	0.206	0.235	0.258
N-Nitrosodimethylamine	0.805	0.859	0.817	0.831	0.776
bis(2-Chloroethyl)ether	2.022	1.450	1.408	1.379	1.499
1,3-Dichlorobenzene	1.478	1.573	1.583	1.658	1.776
1,4-Dichlorobenzene	1.511	1.620	1.596	1.776	1.886
1,2-Dichlorobenzene	1.462	1.528	1.531	1.670	1.764
bis(2-chloroisopropyl)ether	2.764	3.062	2.717	2.667	2.359
N-Nitroso-di-n-propylamine	1.248	1.299	1.198	1.223	1.184
Hexachloroethane	0.676	0.781	0.796	0.819	0.844
Nitrobenzene	0.631	0.616	0.577	0.619	0.622
Isophorone	0.872	0.831	0.800	0.834	0.849
bis(2-Chloroethoxy)methane	0.415	0.415	0.401	0.418	0.430
1,2,4-Trichlorobenzene	0.292	0.334	0.356	0.376	0.431
Naphthalene	0.890	0.902	0.943	1.037	1.180
4-Chloroaniline	0.409	0.400	0.390	0.430	0.464
Hexachlorobutadiene	0.223	0.249	0.263	0.284	0.308
2-Methylnaphthalene	0.657	0.666	0.703	0.776	0.933
Hexachlorocyclopentadiene	0.304	0.285	0.320	0.315	0.335
2-Chloronaphthalene	0.856	0.920	0.928	0.909	0.996
2-Nitroaniline	0.427	0.428	0.379	0.356	0.330
Dimethylphthalate	1.268	1.269	1.264	1.219	1.316
Acenaphthylene	1.428	1.392	1.384	1.408	1.531
2,6-Dinitrotoluene	0.275	0.309	0.294	0.278	0.278
3-Nitroaniline	0.309	0.308	0.292	0.273	0.263
Acenaphthene	1.232	1.122	1.083	1.128	1.109
Dibenzofuran	1.359	1.428	1.515	1.567	1.590

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/10/08 08/10/08

Calibration Time(s): 1646 1822

LAB FILE ID: RRF5: AA5794 RRF20: AA5796 RRF50: AA5792
RRF80: AA5795 RRF120: AA5793

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
2,4-Dinitrotoluene	0.450	0.476	0.480	0.469	0.457
Diethylphthalate	1.470	1.497	1.511	1.422	1.474
4-Chlorophenyl-phenylether	0.557	0.585	0.630	0.623	0.670
Fluorene	1.138	1.134	1.244	1.244	1.288
4-Nitroaniline	0.324	0.313	0.275	0.259	0.278
N-Nitrosodiphenylamine	0.487	0.511	0.552	0.705	0.776
4-Bromophenyl-phenylether	0.215	0.229	0.250	0.278	0.312
Hexachlorobenzene	0.203	0.267	0.292	0.337	0.358
Phenanthrene	0.966	1.069	1.216	1.401	1.513
Anthracene	0.992	1.053	1.181	1.368	1.521
Carbazole	0.918	0.945	0.921	1.116	1.267
Di-n-butylphthalate	1.463	1.648	1.774	1.952	2.171
Fluoranthene	1.137	1.220	1.391	1.563	1.688
Pyrene	1.042	1.089	1.149	1.300	1.449
Benzidine	0.317	0.370	0.256	0.240	0.160
Butylbenzylphthalate	0.640	0.667	0.696	0.781	0.838
3,3'-Dichlorobenzidine	0.360	0.384	0.359	0.380	0.375
Benzo(a)anthracene	1.036	1.038	1.054	1.184	1.256
Chrysene	0.977	0.973	1.054	1.172	1.234
bis(2-Ethylhexyl)phthalate	0.875	0.934	0.978	1.143	1.198
Di-n-octylphthalate	1.661	1.769	1.920	2.232	2.453
Benzo(b)fluoranthene	1.176	1.146	1.367	1.521	2.095
Benzo(k)fluoranthene	1.206	1.317	1.198	1.269	1.293
Benzo(a)pyrene	0.902	1.086	1.135	1.260	1.360
Indeno(1,2,3-cd)pyrene	1.001	1.248	1.303	1.388	1.469
Dibenz(a,h)anthracene	0.782	1.041	1.111	1.196	1.240
Benzo(g,h,i)perylene	1.011	1.046	1.066	1.079	1.119
Pyridine	1.219	1.315	1.269	1.315	1.277
Aniline	2.001	1.902	1.754	1.876	1.815
Benzyl Alcohol	0.946	0.972	0.970	0.980	0.980
1,2-Diphenylhydrazine	1.071	1.086	1.030	1.056	1.233
Diphenyl	1.022	1.213	1.254	1.296	1.374
Diphenyl Ether	0.634	0.657	0.664	0.674	0.714
Acetophenone	1.734	2.157	2.047	2.167	2.185
1,4-Dioxane	0.376	0.456	0.444	0.448	0.428
N,N-Dimethylaniline	1.850	2.078	2.073	2.405	2.559
2,3,7,8-TCDD (Screen)			0.182		
Benzaldehyde	0.690	1.063	0.944	0.585	0.380
Caprolactam	0.107	0.120	0.122	0.112	0.102

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8

Calibration Date(s): 08/10/08 08/10/08

Calibration Time(s): 1646 1822

LAB FILE ID: RRF5: AA5794 RRF20: AA5796 RRF50: AA5792
RRF80: AA5795 RRF120: AA5793

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Atrazine	0.196	0.229	0.208	0.234	0.254
n-decane	2.294	2.050	1.749	1.762	1.692
Coumarin	0.323	0.277	0.273	0.292	0.322
o-Tricresylphosphate	0.296	0.295	0.298	0.348	0.384
Carbamazepine	0.487	0.466	0.426	0.514	0.562
1-Methylnaphthalene	0.758	0.682	0.691	0.796	1.002
2-Fluorophenol (SUR)	1.216	1.187	1.188	1.323	1.362
Phenol-d5 (SUR)	1.610	1.648	1.639	1.790	1.813
2,4,6-Tribromophenol (SUR)	0.222	0.238	0.246	0.251	0.254
Nitrobenzene-d5 (SUR)	0.429	0.453	0.452	0.497	0.525
2-Fluorobiphenyl (SUR)	0.933	1.015	1.102	1.154	1.368
Terphenyl-d14	0.714	0.791	0.901	1.022	1.079

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/10/08 08/10/08

Calibration Time(s): 1646 1822

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Phenol	AVRG	1.77775799	3.4*
2-Chlorophenol	AVRG	1.36071541	6.1*
2-Methylphenol	AVRG	1.32199435	2.1*
4-Methylphenol	AVRG	1.39109292	3.3*
2-Nitrophenol	AVRG	0.22472557	16.2*
2,4-Dimethylphenol	AVRG	0.33441022	12.5*
2,4-Dichlorophenol	AVRG	0.31349359	13.4*
4-Chloro-3-methylphenol	AVRG	0.35481433	3.9*
2,4,6-Trichlorophenol	AVRG	0.33966605	5.2*
2,4,5-Trichlorophenol	AVRG	0.37467309	6.1*
2,4-Dinitrophenol	AVRG	0.19685908	7.1**
4-Nitrophenol	AVRG	0.32111376	9.6**
4,6-Dinitro-2-methylphenol	AVRG	0.21047991	26.3*
Pentachlorophenol	AVRG	0.21743176	13.1*
N-Nitrosodimethylamine	AVRG	0.81757825	3.8*
bis(2-Chloroethyl)ether	AVRG	1.55143478	17.2*
1,3-Dichlorobenzene	AVRG	1.61382026	6.9*
1,4-Dichlorobenzene	AVRG	1.67790417	9.0*
1,2-Dichlorobenzene	AVRG	1.59100526	7.7*
bis(2-chloroisopropyl)ether	AVRG	2.71361270	9.2*
N-Nitroso-di-n-propylamine	AVRG	1.23028256	3.7**
Hexachloroethane	AVRG	0.78332865	8.2*
Nitrobenzene	AVRG	0.61293535	3.4*
Isophorone	AVRG	0.83723096	3.1*
bis(2-Chloroethoxy)methane	AVRG	0.41582351	2.5*
1,2,4-Trichlorobenzene	AVRG	0.35749021	14.4*
Naphthalene	AVRG	0.99052334	12.2*
4-Chloroaniline	AVRG	0.41862205	7.0*
Hexachlorobutadiene	AVRG	0.26539713	12.2*
2-Methylnaphthalene	AVRG	0.74724343	15.3*
Hexachlorocyclopentadiene	AVRG	0.31163091	6.0**
2-Chloronaphthalene	AVRG	0.92192828	5.4*
2-Nitroaniline	AVRG	0.38402852	11.3*
Dimethylphthalate	AVRG	1.26731989	2.7*
Acenaphthylene	AVRG	1.42895139	4.2*
2,6-Dinitrotoluene	AVRG	0.28687771	5.0*
3-Nitroaniline	AVRG	0.28879245	7.1*
Acenaphthene	AVRG	1.13502801	5.0*
Dibenzofuran	AVRG	1.49169300	6.5*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/10/08 08/10/08

Calibration Time(s): 1646 1822

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
2,4-Dinitrotoluene	AVRG	0.46658732	2.7*
Diethylphthalate	AVRG	1.47465563	2.3*
4-Chlorophenyl-phenylether	AVRG	0.61316448	7.1*
Fluorene	AVRG	1.20964322	5.8*
4-Nitroaniline	AVRG	0.28976719	9.5*
N-Nitrosodiphenylamine	AVRG	0.60624081	21.0*
4-Bromophenyl-phenylether	AVRG	0.25674897	15.0*
Hexachlorobenzene	AVRG	0.29138978	20.9*
Phenanthrene	AVRG	1.23302167	18.4*
Anthracene	AVRG	1.22331195	18.0*
Carbazole	AVRG	1.03366238	14.9*
Di-n-butylphthalate	AVRG	1.80190031	15.1*
Fluoranthene	AVRG	1.39989020	16.4*
Pyrene	AVRG	1.20613058	13.8*
Benzidine	AVRG	0.26881202	29.7*
Butylbenzylphthalate	AVRG	0.72455609	11.4*
3,3'-Dichlorobenzidine	AVRG	0.37152180	3.0*
Benzo(a)anthracene	AVRG	1.11353313	9.0*
Chrysene	AVRG	1.08191667	10.8*
bis(2-Ethylhexyl)phthalate	AVRG	1.02563156	13.5*
Di-n-octylphthalate	AVRG	2.00684315	16.4*
Benzo(b)fluoranthene	AVRG	1.46100434	26.4*
Benzo(k)fluoranthene	AVRG	1.25659115	4.2*
Benzo(a)pyrene	AVRG	1.14876008	15.2*
Indeno(1,2,3-cd)pyrene	AVRG	1.28182755	13.9*
Dibenz(a,h)anthracene	AVRG	1.07423281	16.8*
Benzo(g,h,i)perylene	AVRG	1.06441639	3.8*
Pyridine	AVRG	1.27915733	3.1*
Aniline	AVRG	1.86973956	5.0*
Benzyl Alcohol	AVRG	0.96963225	1.4*
1,2-Diphenylhydrazine	AVRG	1.09518395	7.3*
Diphenyl	AVRG	1.23198552	10.7*
Diphenyl Ether	AVRG	0.66887584	4.4*
Acetophenone	AVRG	2.05818350	9.2**
1,4-Dioxane	AVRG	0.43043893	7.4**
N,N-Dimethylaniline	AVRG	2.19288593	13.0**
2,3,7,8-TCDD (Screen)	AVRG	0.18188201	0.0**
Benzaldehyde	AVRG	0.73234166	37.5*
Caprolactam	AVRG	0.11258487	7.4*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/10/08 08/10/08

Calibration Time(s): 1646 1822

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Atrazine	AVRG	0.22426242	10.0*
n-decane	AVRG	1.90955294	13.4*
Coumarin	AVRG	0.29756097	8.1*
o-Tricresylphosphate	AVRG	0.32399416	12.4*
Carbamazepine	AVRG	0.49098185	10.4*
1-Methylnaphthalene	AVRG	0.78574472	16.6*
2-Fluorophenol (SUR)	AVRG	1.25523489	6.5*
Phenol-d5 (SUR)	AVRG	1.70008127	5.5*
2,4,6-Tribromophenol (SUR)	AVRG	0.24206213	5.3*
Nitrobenzene-d5 (SUR)	AVRG	0.47131643	8.2*
2-Fluorobiphenyl (SUR)	AVRG	1.11434514	14.8*
Terphenyl-d14	AVRG	0.90131832	17.0*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Report Date: 10-Aug-2008 18:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Lab Smp Id: AASTD005
Inj Date : 10-AUG-2008 17:34
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD005
Misc Info : 50 ng/uL BNA Std Lot 4269
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 18:56 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 16:46 Cal File: aa5792.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	2.911	2.911	(0.502)	4355	5.00000	4.4(a)
19	N-Nitrosodimethylamine	74	3.216	3.223	(0.555)	9315	5.00000	4.9(a)
71	Pyridine	79	3.250	3.243	(0.561)	14099	5.00000	4.8(a)
$ 16	2-Fluorophenol (SUR)	112	4.479	4.479	(0.773)	14066	5.00000	4.8(a)
110	Benzaldehyde	77	5.356	5.356	(0.924)	7981	5.00000	4.7(a)
$ 17	Phenol-d5 (SUR)	99	5.383	5.390	(0.929)	18618	5.00000	4.7(a)
1	Phenol	94	5.396	5.403	(0.931)	19867	5.00000	4.8(a)
73	Aniline	93	5.483	5.489	(0.946)	23140	5.00000	5.4
20	bis(2-Chloroethyl)ether	93	5.509	5.516	(0.951)	2338	0.50000	0.65
113	n-decane	43	5.569	5.569	(0.961)	26533	5.00000	6.0
2	2-Chlorophenol	128	5.602	5.609	(0.967)	14287	5.00000	4.5(a)
21	1,3-Dichlorobenzene	146	5.762	5.762	(0.994)	17096	5.00000	4.6(a)
* 79	1,4-Dichlorobenzene-d4	152	5.795	5.795	(1.000)	92514	40.0000	
22	1,4-Dichlorobenzene	146	5.815	5.815	(1.003)	17478	5.00000	4.5(a)
74	Benzyl Alcohol	108	5.921	5.928	(1.022)	10943	5.00000	4.9(a)
23	1,2-Dichlorobenzene	146	6.014	6.014	(1.038)	16905	5.00000	4.6(a)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Report Date: 10-Aug-2008 18:57

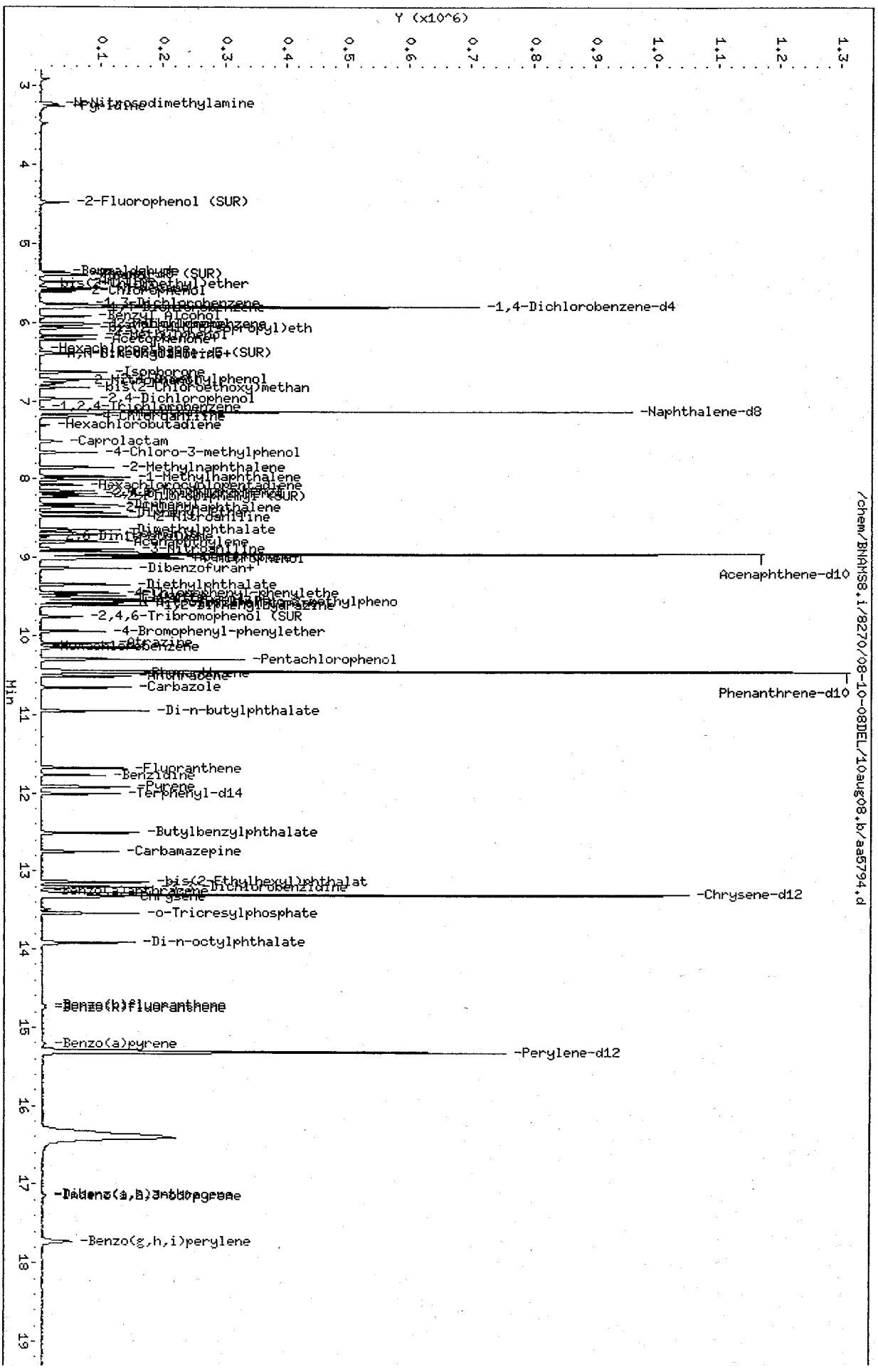
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
3	2-Methylphenol	108	6.028	6.034	(1.040)	15347	5.00000	5.0
24	bis(2-chloroisopropyl)ether	45	6.074	6.074	(1.048)	31958	5.00000	5.1
4	4-Methylphenol	108	6.167	6.174	(1.064)	15430	5.00000	4.8(a)
104	Acetophenone	105	6.221	6.220	(1.073)	20058	5.00000	4.2(a)
25	N-Nitroso-di-n-propylamine	70	6.221	6.227	(1.073)	1443	0.50000	0.51(M)
26	Hexachloroethane	117	6.340	6.340	(1.094)	782	0.50000	0.43(aM)
$ 76	Nitrobenzene-d5 (SUR)	82	6.393	6.400	(0.897)	20359	5.00000	4.6(a)
107	N,N-Dimethylaniline	120	6.407	6.413	(1.105)	2139	0.50000	0.42(a)
27	Nitrobenzene	77	6.413	6.413	(0.899)	2993	0.50000	0.74(M)
28	Isophorone	82	6.633	6.639	(0.930)	41377	5.00000	5.2
6	2,4-Dimethylphenol	122	6.726	6.732	(0.943)	14071	5.00000	4.4(a)
5	2-Nitrophenol	139	6.746	6.745	(0.946)	9289	5.00000	4.4(a)
29	bis(2-Chloroethoxy)methane	93	6.832	6.838	(0.958)	19694	5.00000	5.0
7	2,4-Dichlorophenol	162	6.972	6.978	(0.978)	12762	5.00000	4.3(a)
30	1,2,4-Trichlorobenzene	180	7.078	7.078	(0.993)	1384	0.50000	0.41(aM)
* 80	Naphthalene-d8	136	7.131	7.138	(1.000)	379515	40.0000	
31	Naphthalene	128	7.151	7.157	(1.003)	42230	5.00000	4.5(a)
32	4-Chloroaniline	127	7.204	7.204	(1.010)	19390	5.00000	4.9(a)
33	Hexachlorobutadiene	225	7.310	7.310	(1.025)	2119	1.00000	0.84(a)
111	Caprolactam	113	7.517	7.543	(1.054)	5058	5.00000	5.9
8	4-Chloro-3-methylphenol	107	7.656	7.663	(1.074)	16317	5.00000	4.8(a)
34	2-Methylnaphthalene	142	7.849	7.855	(1.101)	31183	5.00000	4.4(a)
120	1-Methylnaphthalene	142	7.968	7.968	(1.117)	35963	5.00000	4.8(aA)
35	Hexachlorocyclopentadiene	237	8.075	8.075	(0.902)	10032	5.00000	4.9(a)
9	2,4,6-Trichlorophenol	196	8.155	8.154	(0.911)	10246	5.00000	4.6(a)
10	2,4,5-Trichlorophenol	196	8.194	8.201	(0.915)	11929	5.00000	6.0
$ 77	2-Fluorobiphenyl (SUR)	172	8.221	8.228	(0.918)	30825	5.00000	4.2(a)
102	Diphenyl	154	8.321	8.327	(0.929)	33765	5.00000	4.1(a)
36	2-Chloronaphthalene	162	8.361	8.360	(0.934)	28278	5.00000	4.6(a)
103	Diphenyl Ether	170	8.427	8.427	(0.941)	20965	5.00000	4.7(a)
37	2-Nitroaniline	65	8.480	8.480	(0.947)	28199	10.0000	11
38	Dimethylphthalate	163	8.646	8.646	(0.966)	41912	5.00000	5.0
114	Coumarin	146	8.700	8.706	(1.220)	15345	5.00000	5.4
40	2,6-Dinitrotoluene	165	8.739	8.746	(0.976)	1819	1.00000	0.96(aM)
39	Acenaphthylene	152	8.799	8.799	(0.983)	47182	5.00000	5.0
41	3-Nitroaniline	138	8.899	8.899	(0.994)	20397	10.0000	11
* 82	Acenaphthene-d10	164	8.952	8.952	(1.000)	264319	40.0000	
42	Acenaphthene	154	8.985	8.985	(1.004)	40721	5.00000	5.4
11	2,4-Dinitrophenol	184	8.992	8.999	(1.004)	17066	15.0000	13(a)
12	4-Nitrophenol	65	9.012	9.018	(1.007)	34124	15.0000	16
43	Dibenzofuran	168	9.138	9.138	(1.021)	44888	5.00000	4.6(a)
44	2,4-Dinitrotoluene	165	9.138	9.145	(1.021)	2976	1.00000	0.96(aM)
45	Diethylphthalate	149	9.344	9.344	(1.044)	48567	5.00000	5.0
46	4-Chlorophenyl-phenylether	204	9.451	9.450	(1.056)	18414	5.00000	4.5(a)
47	Fluorene	166	9.490	9.490	(1.060)	37597	5.00000	4.7(a)
48	4-Nitroaniline	138	9.524	9.530	(1.064)	21439	10.0000	11
13	4,6-Dinitro-2-methylphenol	198	9.557	9.563	(0.914)	26909	15.0000	11(a)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Report Date: 10-Aug-2008 18:57

		QUANT SIG					AMOUNTS	
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	49 N-Nitrosodiphenylamine	169	9.570	9.577	(0.915)	27144	5.00000	4.8(a)
	75 1,2-Diphenylhydrazine	77	9.610	9.617	(0.919)	59681	5.00000	4.9(a)
$	18 2,4,6-Tribromophenol (SUR)	330	9.756	9.756	(1.090)	7325	5.00000	4.6(a)
	50 4-Bromophenyl-phenylether	248	9.949	9.949	(0.952)	11995	5.00000	4.2(a)
	112 Atrazine	200	10.095	10.102	(0.966)	10957	5.00000	4.4(a)
	51 Hexachlorobenzene	284	10.135	10.135	(0.969)	1132	0.50000	0.35(aM)
	14 Pentachlorophenol	266	10.301	10.301	(0.985)	31176	15.0000	13(a)
*	83 Phenanthrene-d10	188	10.454	10.454	(1.000)	445915	40.0000	
	52 Phenanthrene	178	10.474	10.474	(1.002)	53818	5.00000	3.9(a)
	53 Anthracene	178	10.514	10.521	(1.006)	55321	5.00000	4.0(aH)
	54 Carbazole	167	10.660	10.667	(1.020)	51190	5.00000	4.4(a)
	55 Di-n-butylphthalate	149	10.953	10.959	(1.048)	81573	5.00000	4.1(a)
	56 Fluoranthene	202	11.684	11.684	(1.118)	63377	5.00000	4.1(a)
	58 Benzidine	184	11.770	11.770	(1.126)	35372	10.0000	12
	57 Pyrene	202	11.923	11.930	(0.897)	64345	5.00000	4.3(a)
$	78 Terphenyl-d14	244	12.016	12.016	(0.904)	44059	5.00000	4.0(a)
	59 Butylbenzylphthalate	149	12.508	12.514	(0.941)	39532	5.00000	4.4(a)
	118 Carbamazepine	193	12.747	12.754	(0.959)	30058	5.00000	5.0(aA)
	63 bis(2-Ethylhexyl)phthalate	149	13.139	13.146	(0.988)	54012	5.00000	4.3(a)
	60 3,3'-Dichlorobenzidine	252	13.206	13.212	(0.993)	44417	10.0000	9.7(a)
	61 Benzo(a)anthracene	228	13.266	13.272	(0.998)	6393	0.50000	0.46(a)
*	81 Chrysene-d12	240	13.299	13.305	(1.000)	493901	40.0000	
	62 Chrysene	228	13.332	13.339	(1.002)	60300	5.00000	4.5(a)
	117 o-Tricresylphosphate	165	13.538	13.545	(1.018)	18247	5.00000	4.6(aA)
	64 Di-n-octylphthalate	149	13.917	13.917	(0.908)	89531	5.00000	4.1(a)
	65 Benzo(b)fluoranthene	252	14.721	14.734	(0.961)	6338	0.50000	0.41(aM)
	66 Benzo(k)fluoranthene	252	14.748	14.768	(0.963)	6503	0.50000	0.48(aM)
	67 Benzo(a)pyrene	252	15.213	15.219	(0.993)	4860	0.50000	0.39(aM)
*	84 Perylene-d12	264	15.319	15.319	(1.000)	431264	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.154	17.180	(1.120)	5398	0.50000	0.39(a)
	69 Dibenz(a,h)anthracene	278	17.140	17.174	(1.119)	4217	0.50000	0.36(aM)
	70 Benzo(g,h,i)perylene	276	17.732	17.758	(1.157)	54497	5.00000	4.7(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

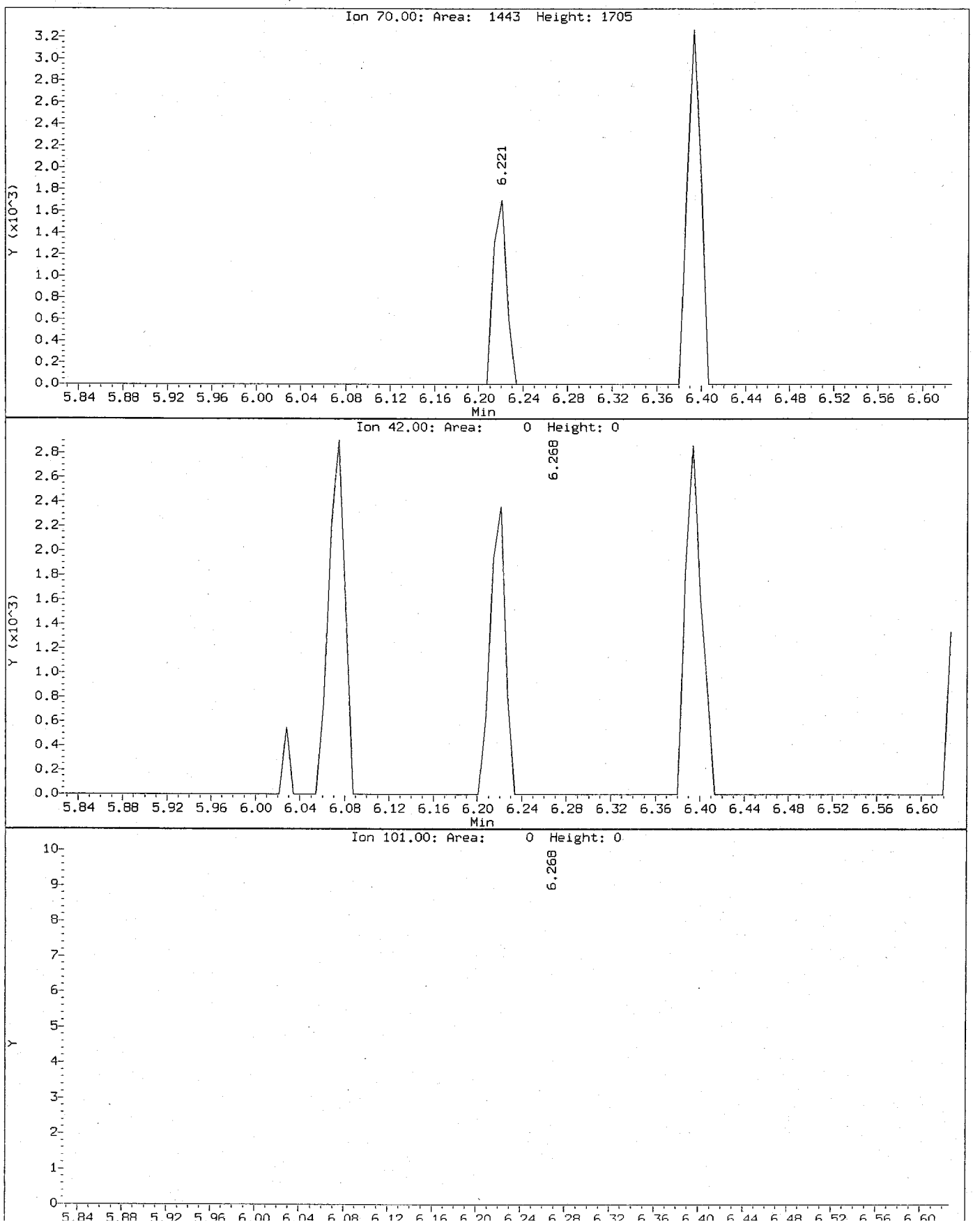


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Date : 10-AUG-2008 17:34
Client ID:
Sample Info: AASTD005
Volume Injected (uL): 1.0
Column phase: DB-5

Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25

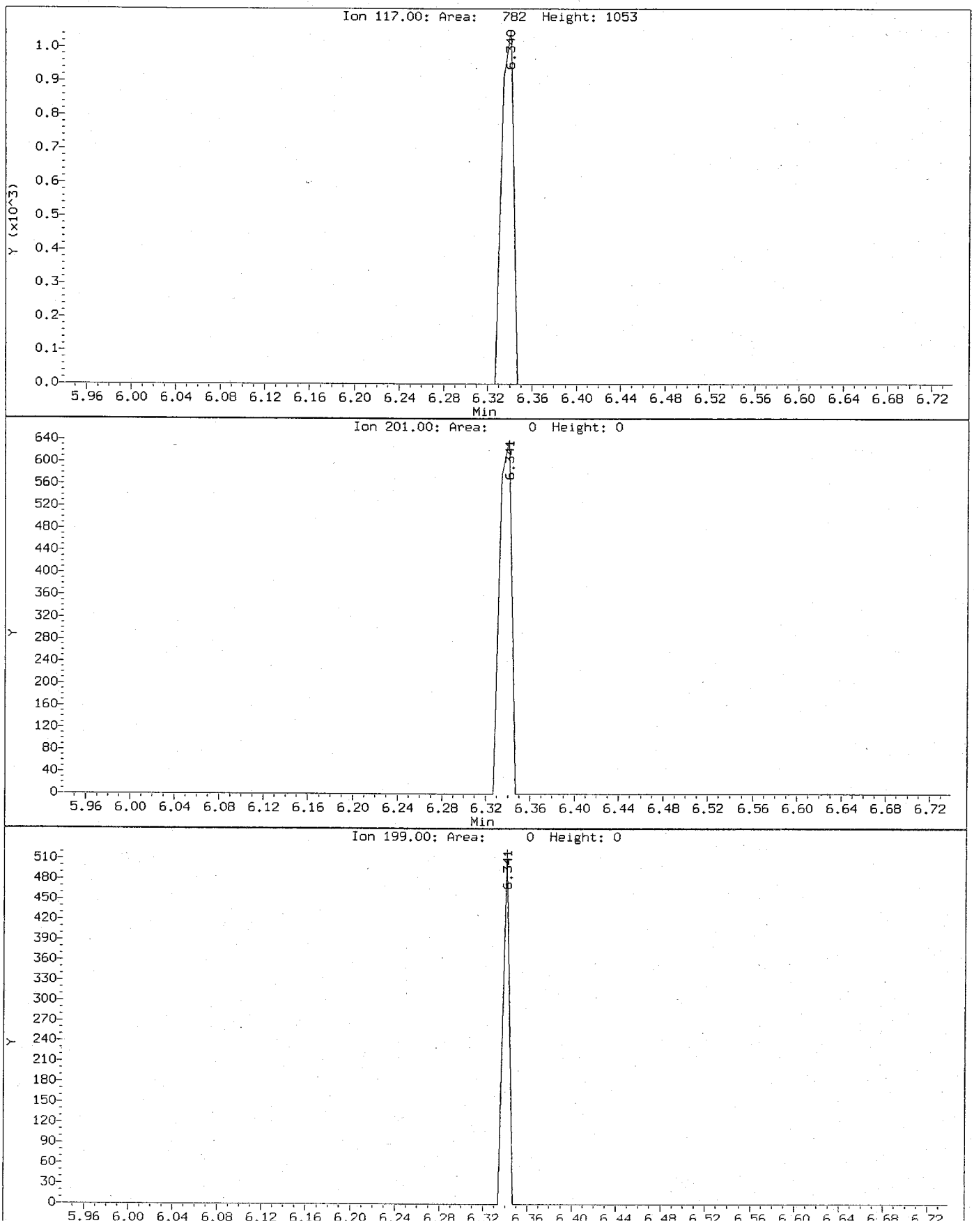
Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

Compound: N-Nitroso-di-n-propylamine
CAS Number: 621-64-7



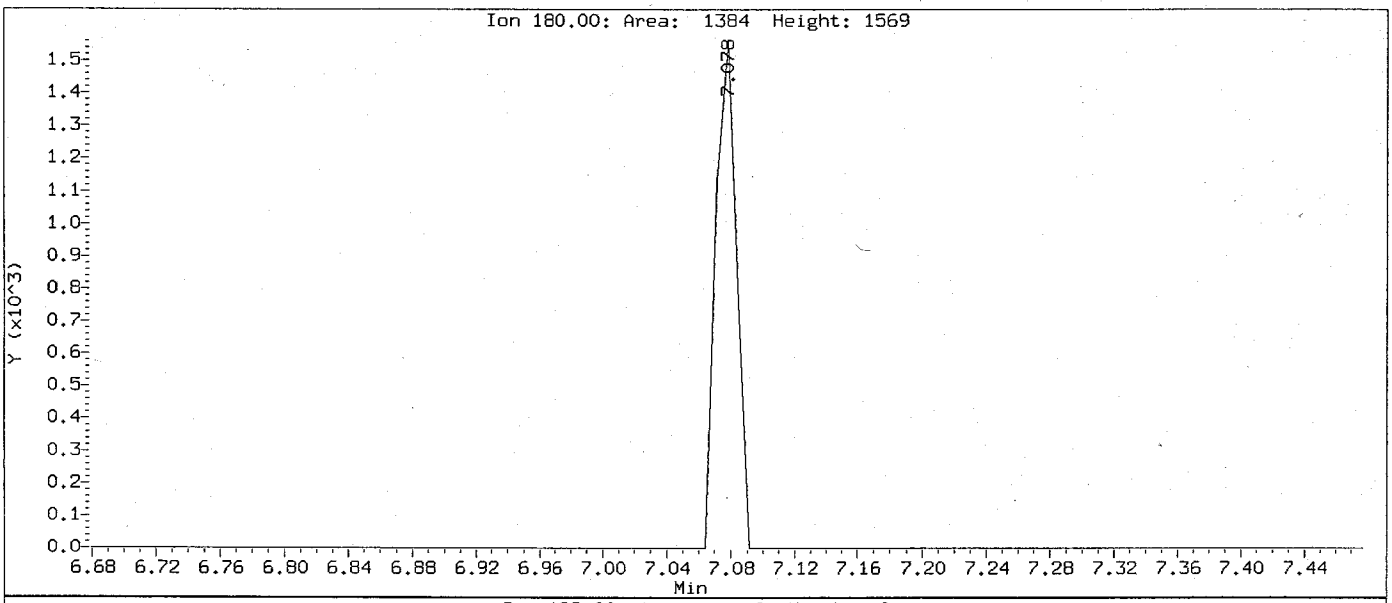
Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

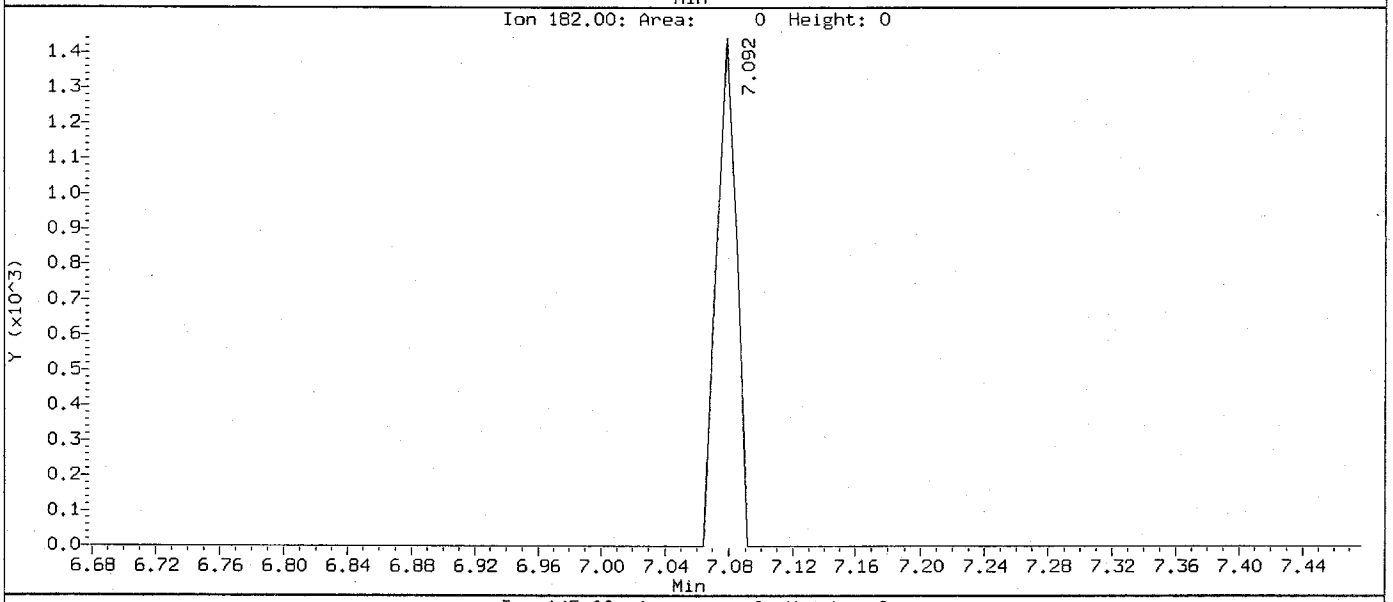
Compound: Hexachloroethane
CAS Number: 67-72-1

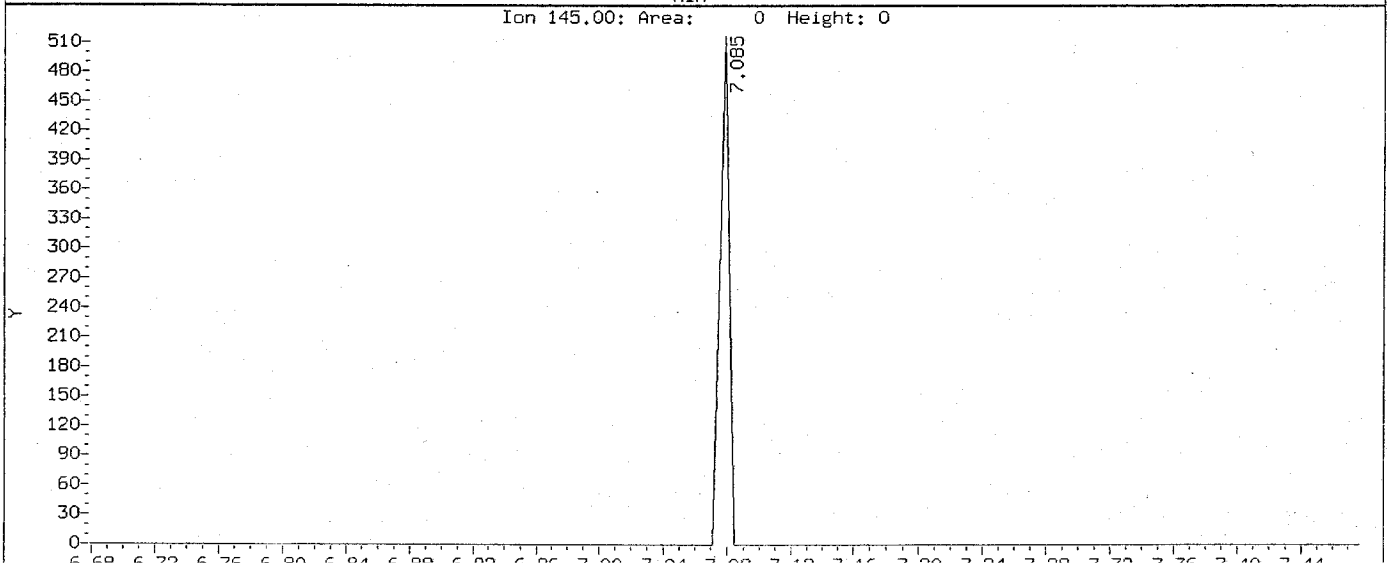


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

Compound: 1,2,4-Trichlorobenzene
CAS Number: 120-82-1

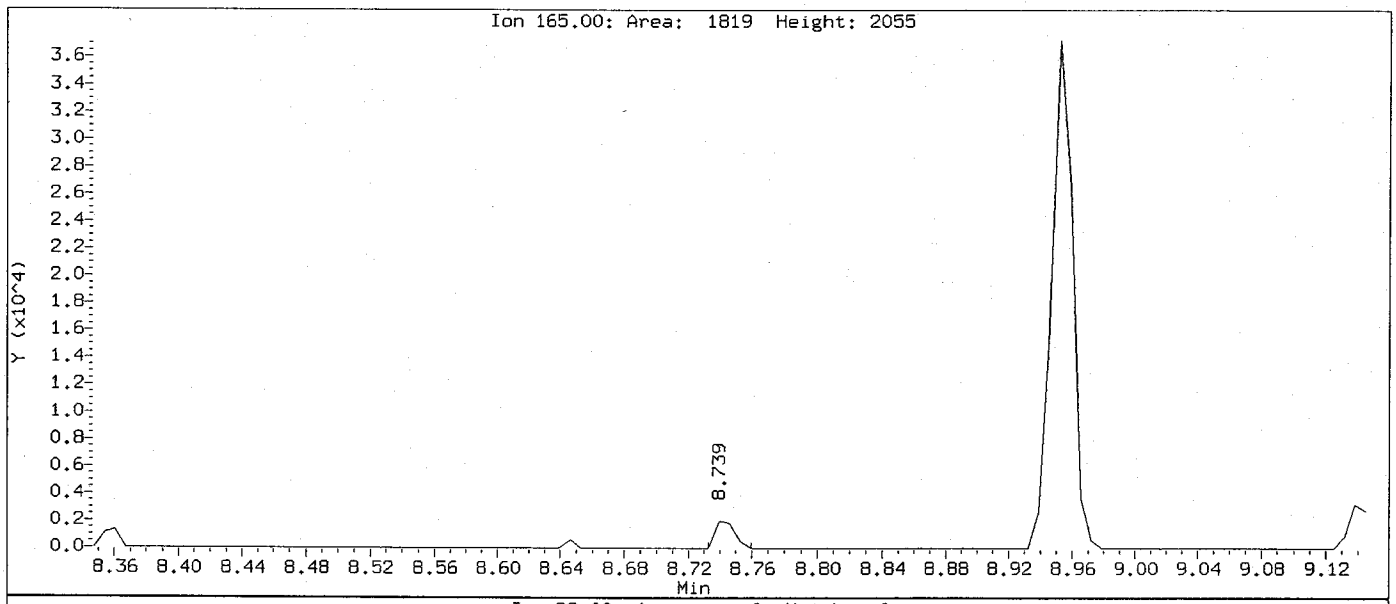


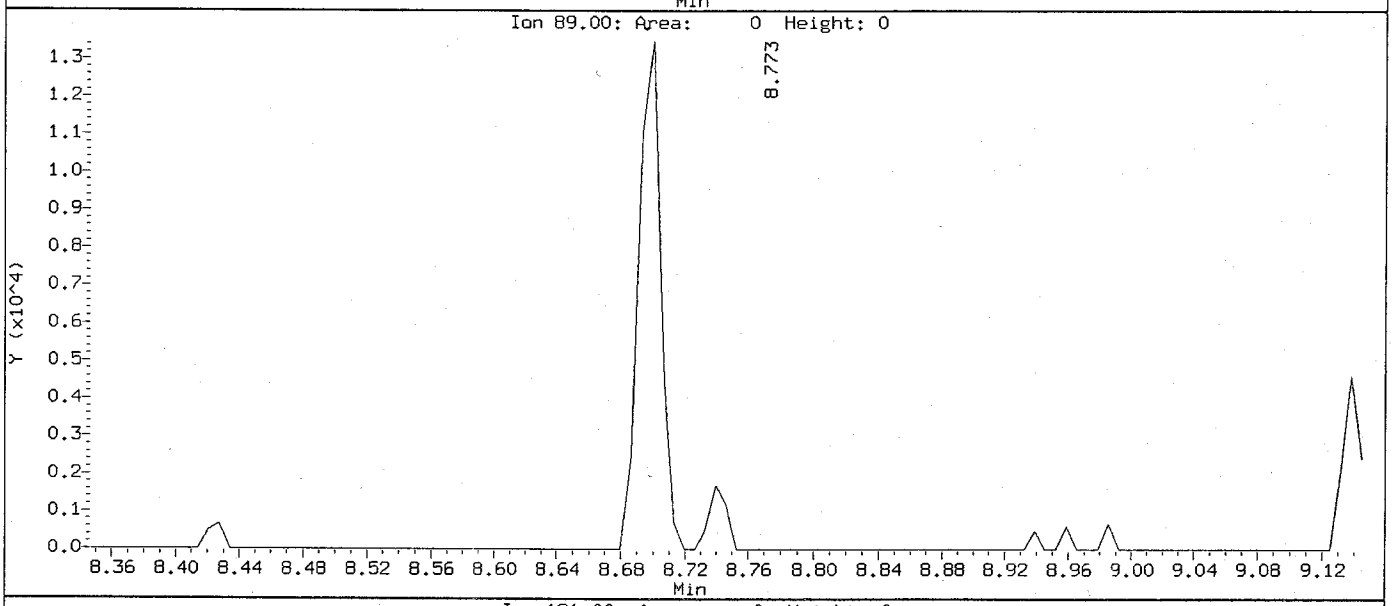


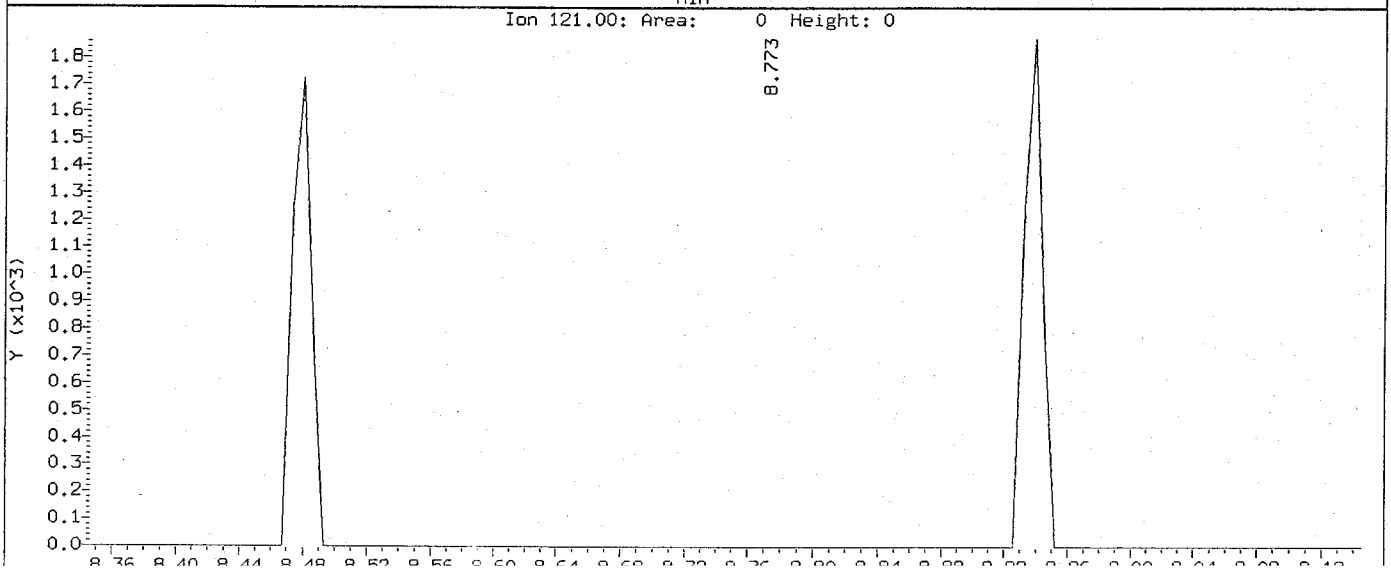


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

Compound: 2,6-Dinitrotoluene
CAS Number: 606-20-2

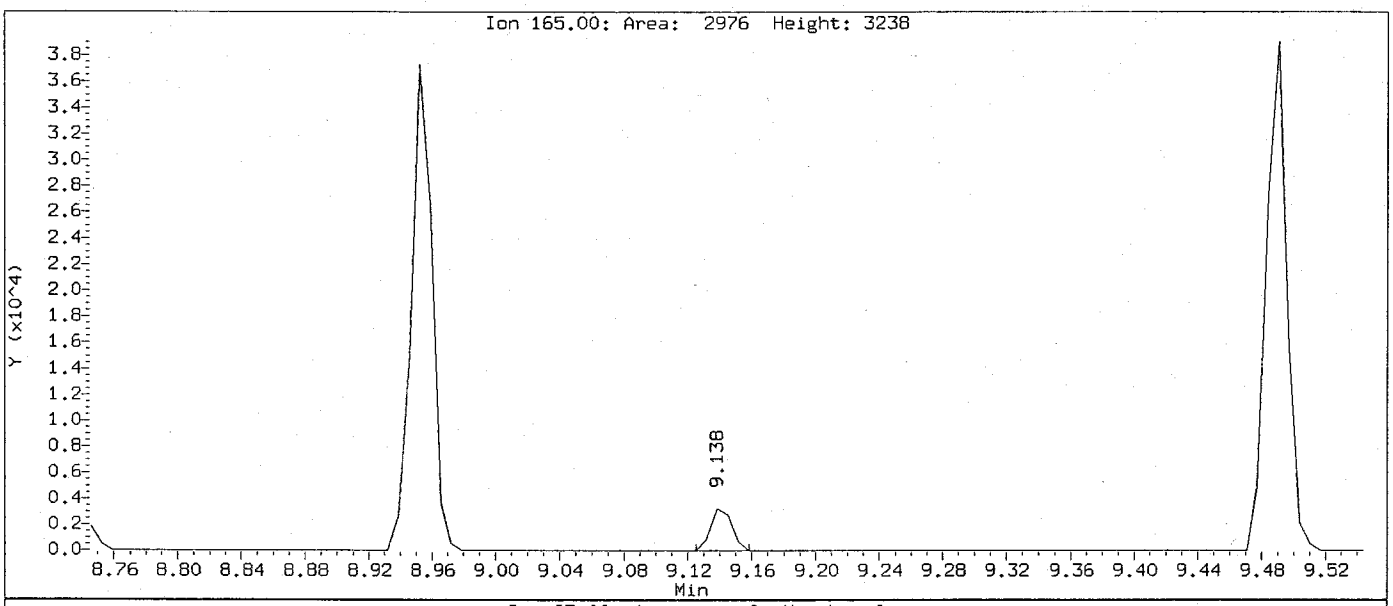


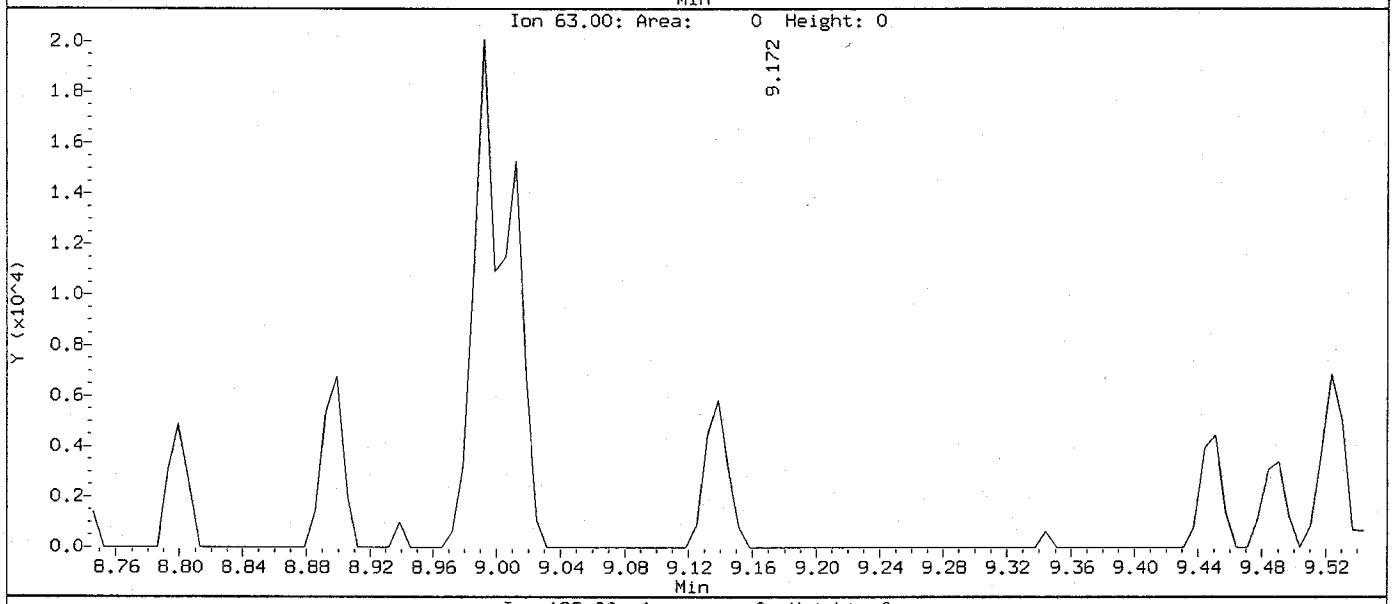


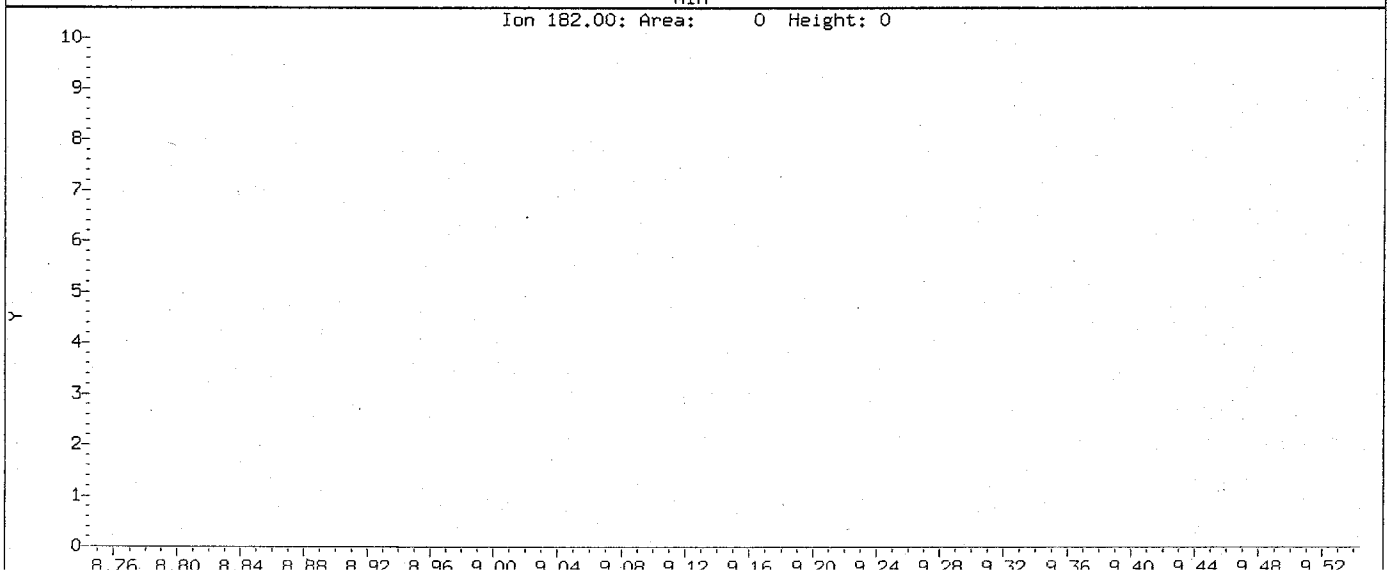


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

Compound: 2,4-Dinitrotoluene
CAS Number: 121-14-2

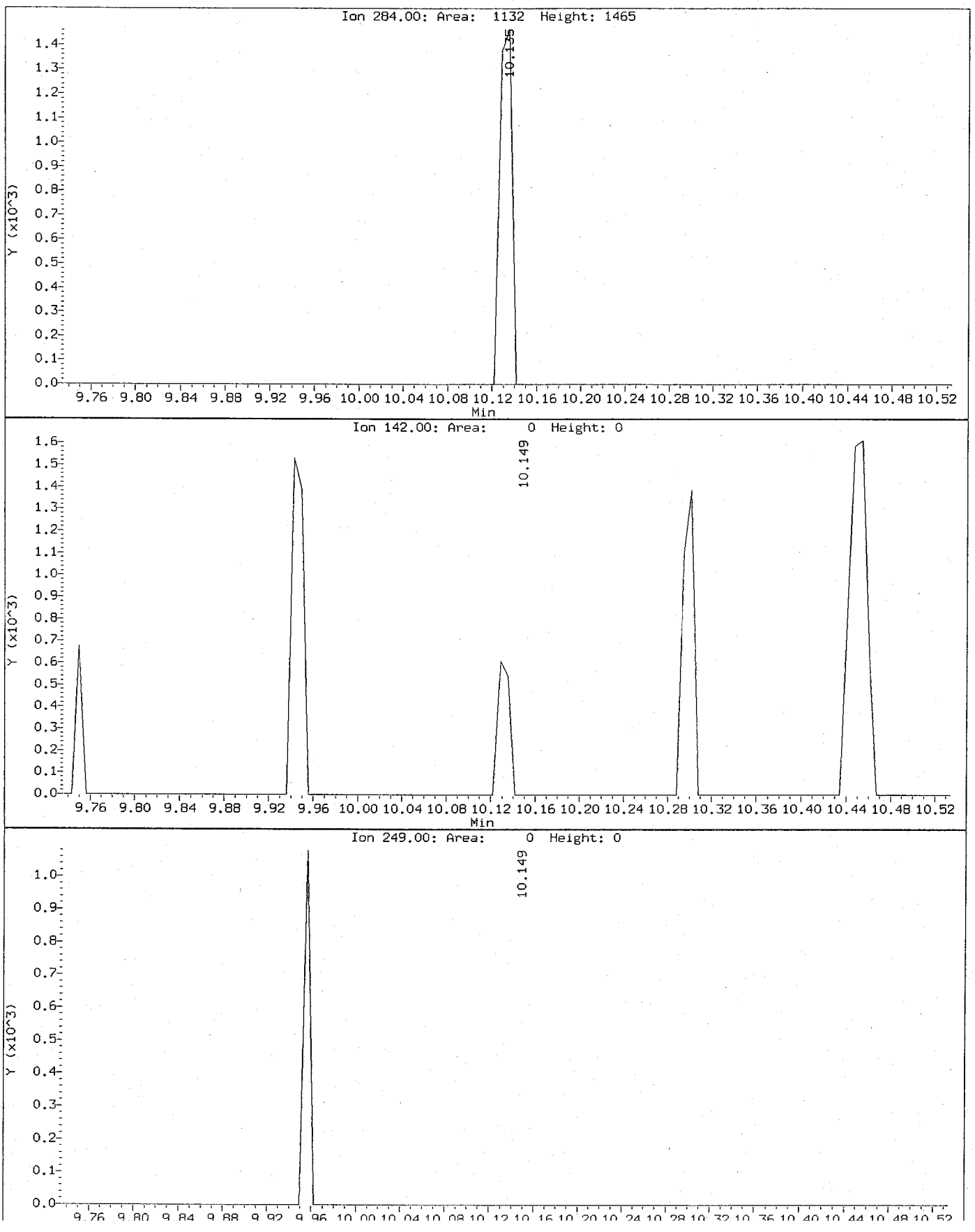






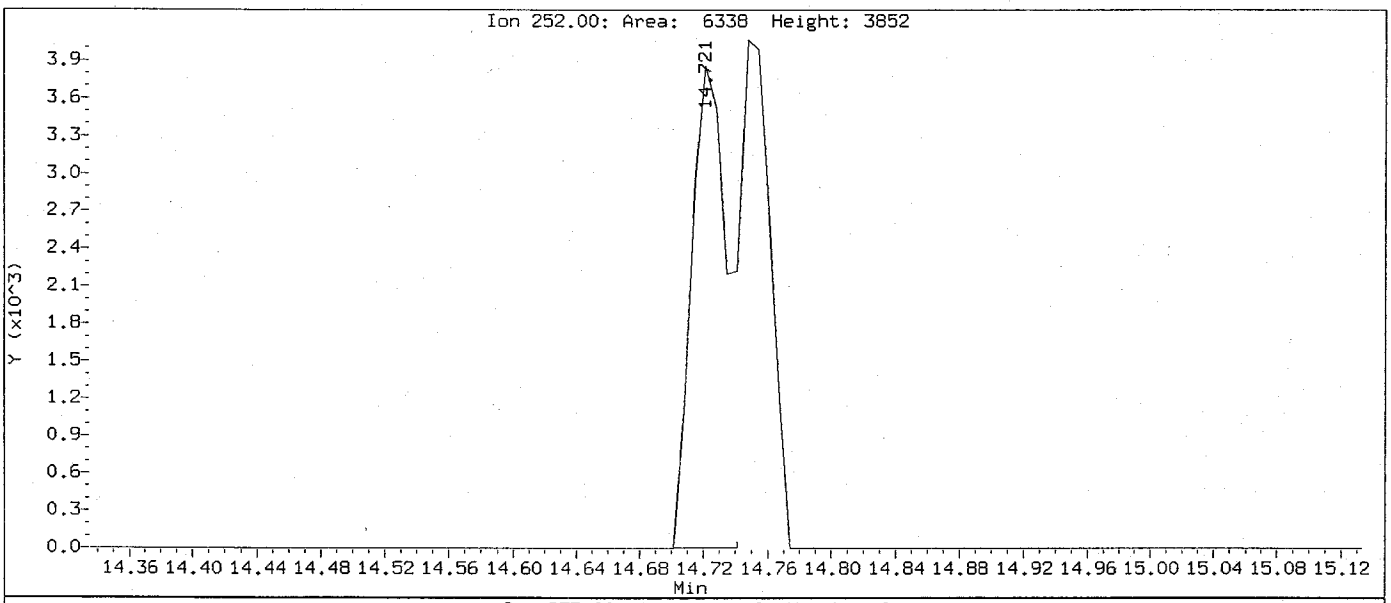
Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

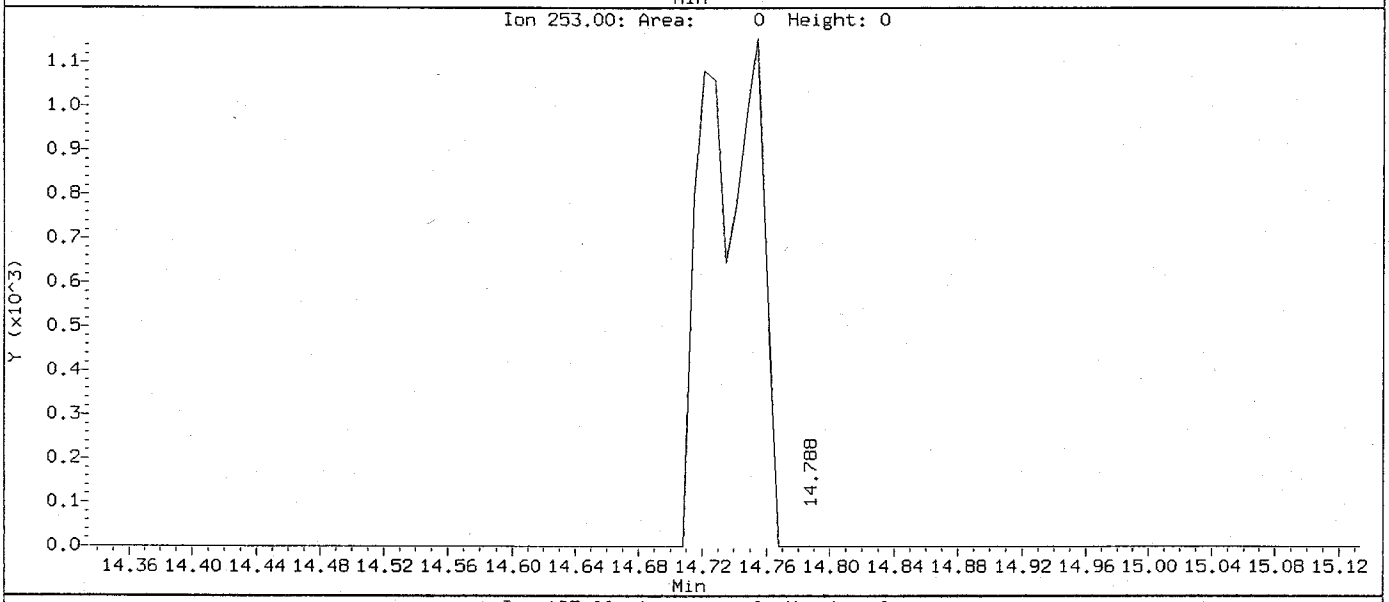
Compound: Hexachlorobenzene
CAS Number: 118-74-1

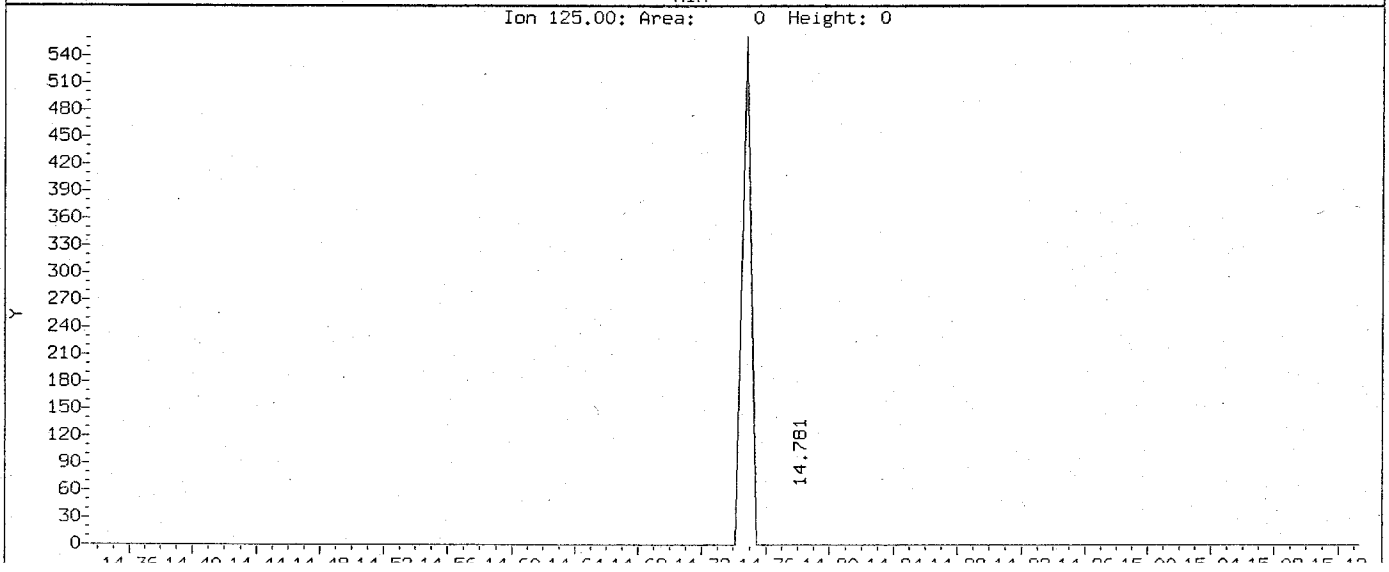


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2

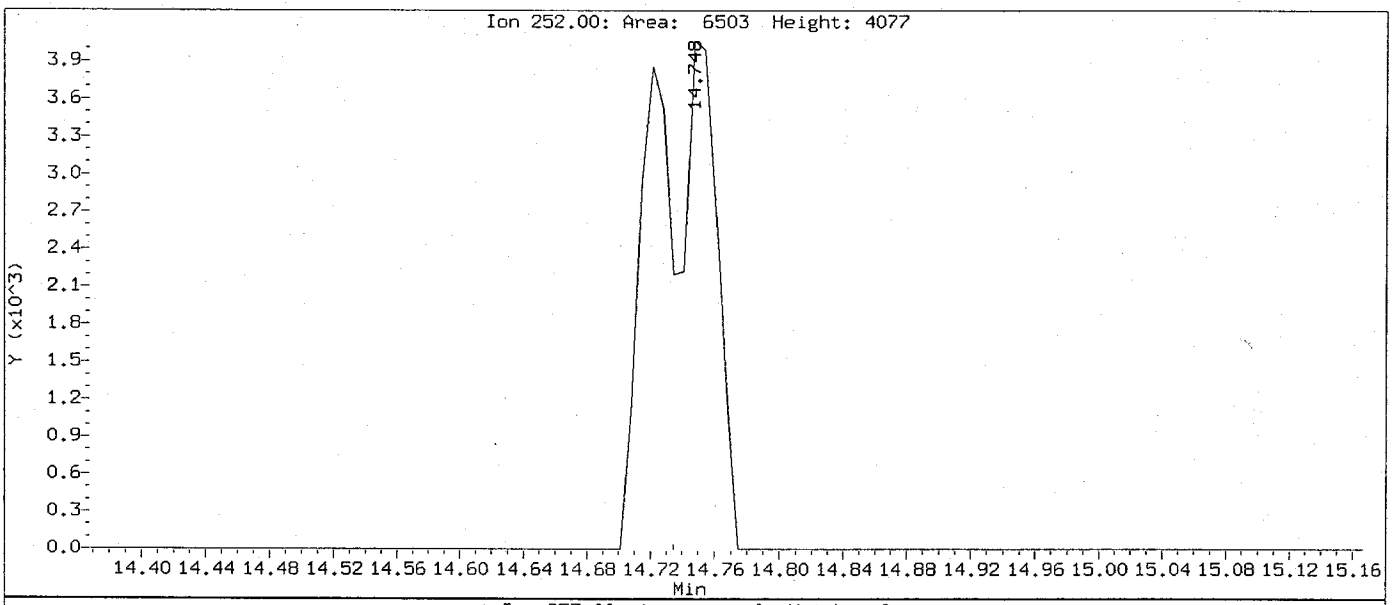


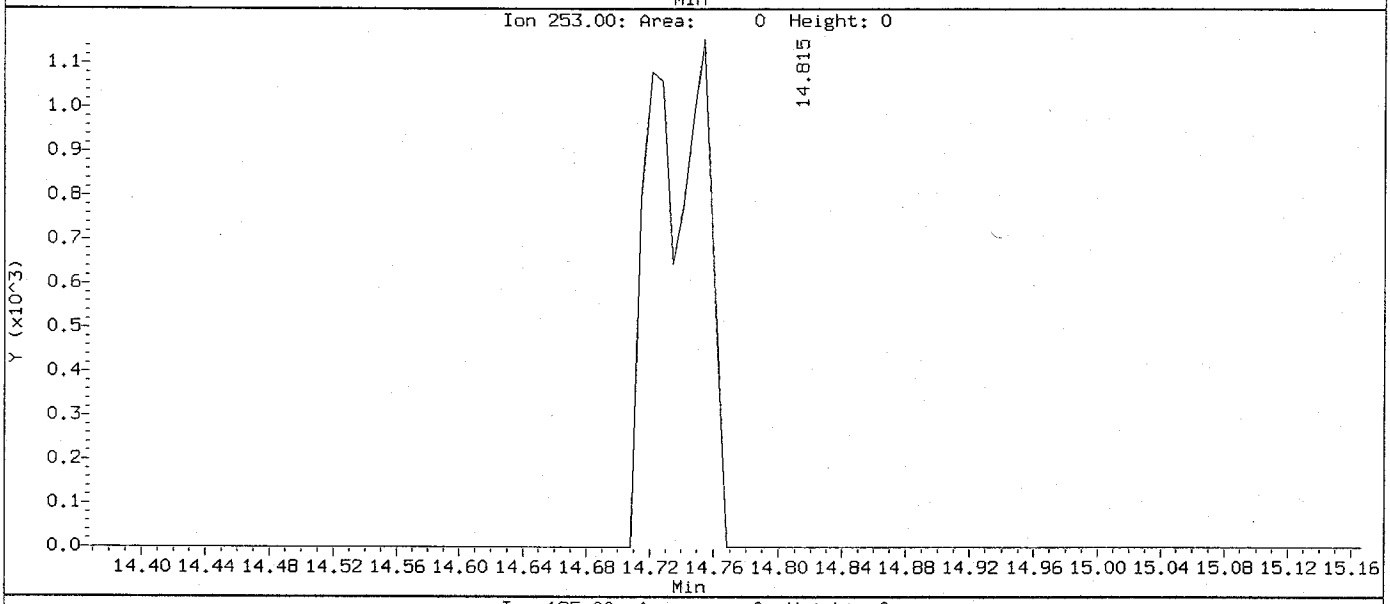


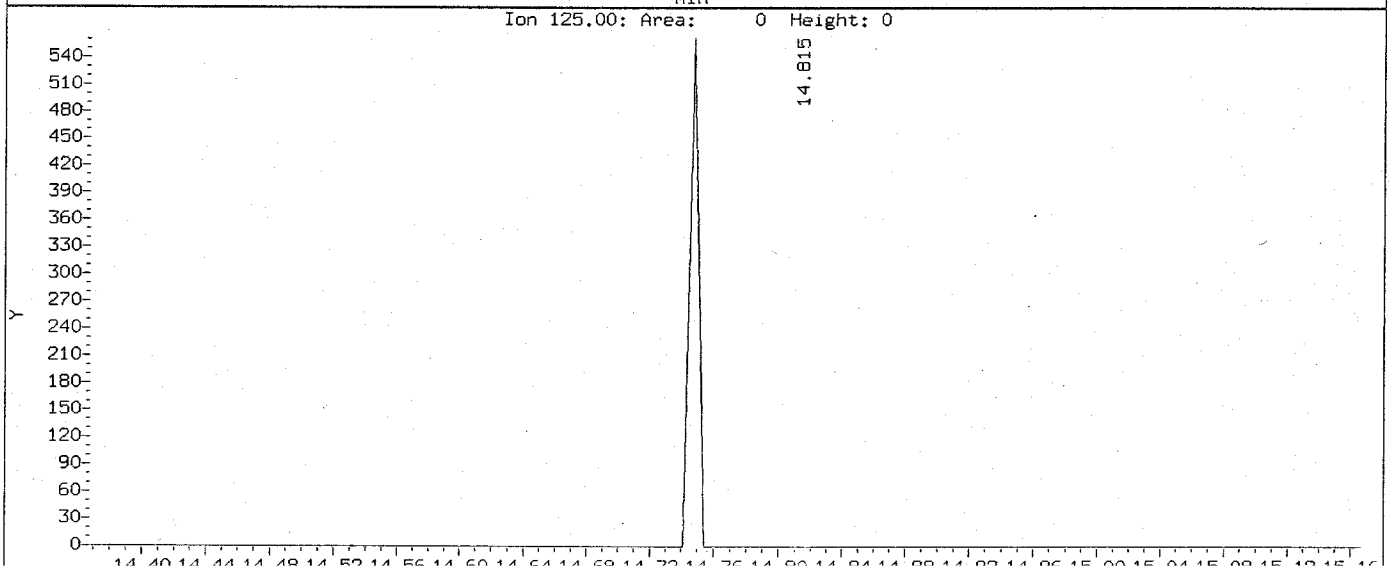


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

Compound: Benzo(k)fluoranthene
CAS Number: 207-08-9

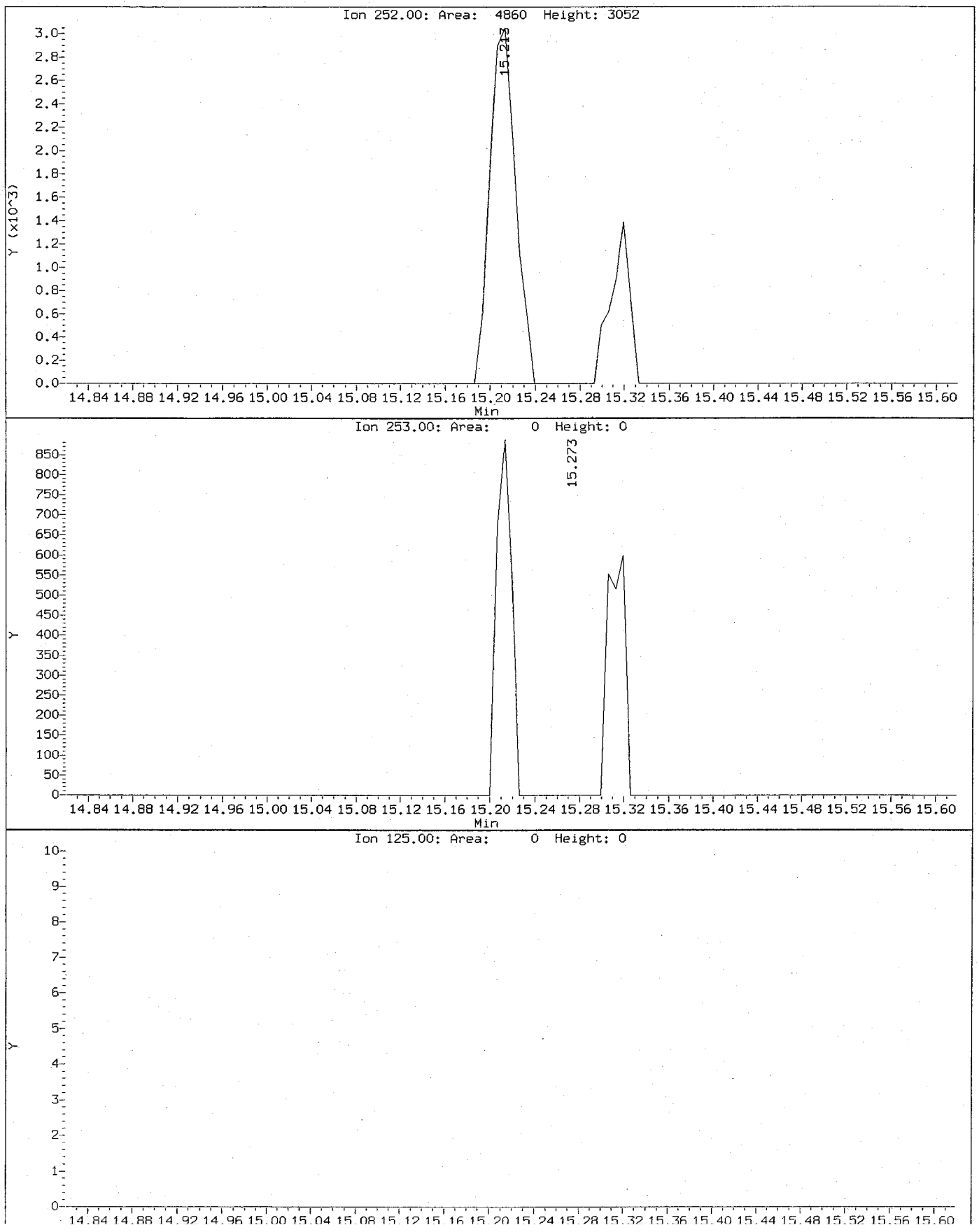






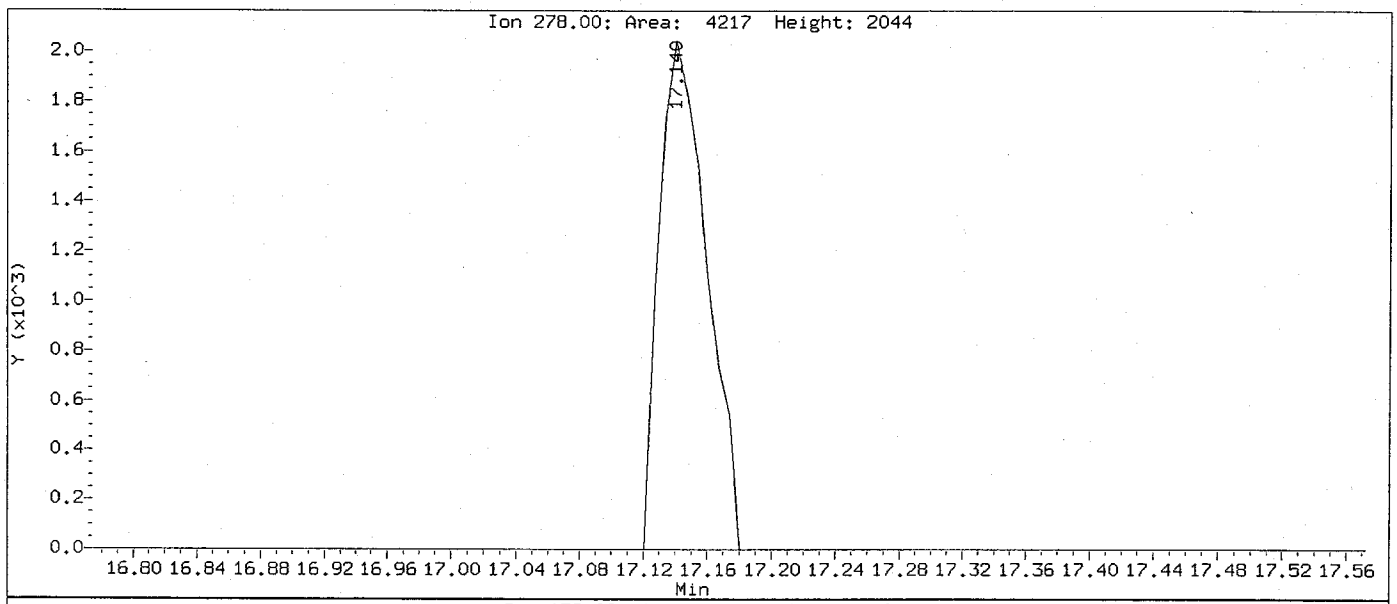
Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

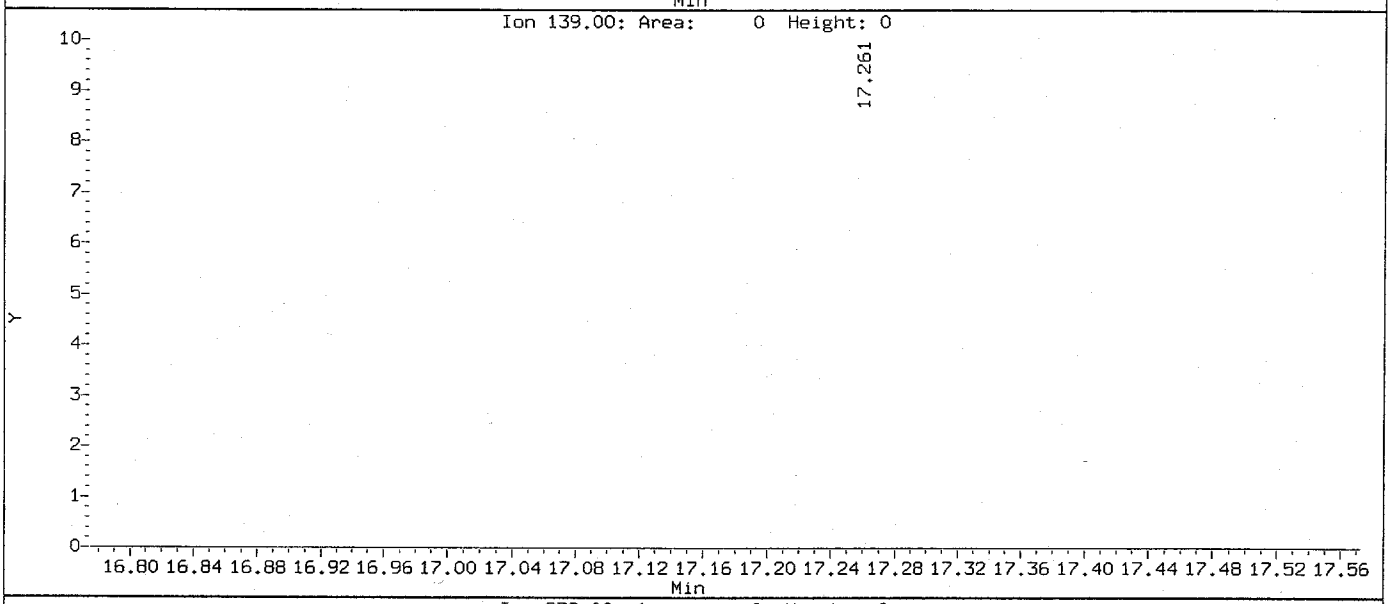
Compound: Benzo(a)pyrene
CAS Number: 50-32-8

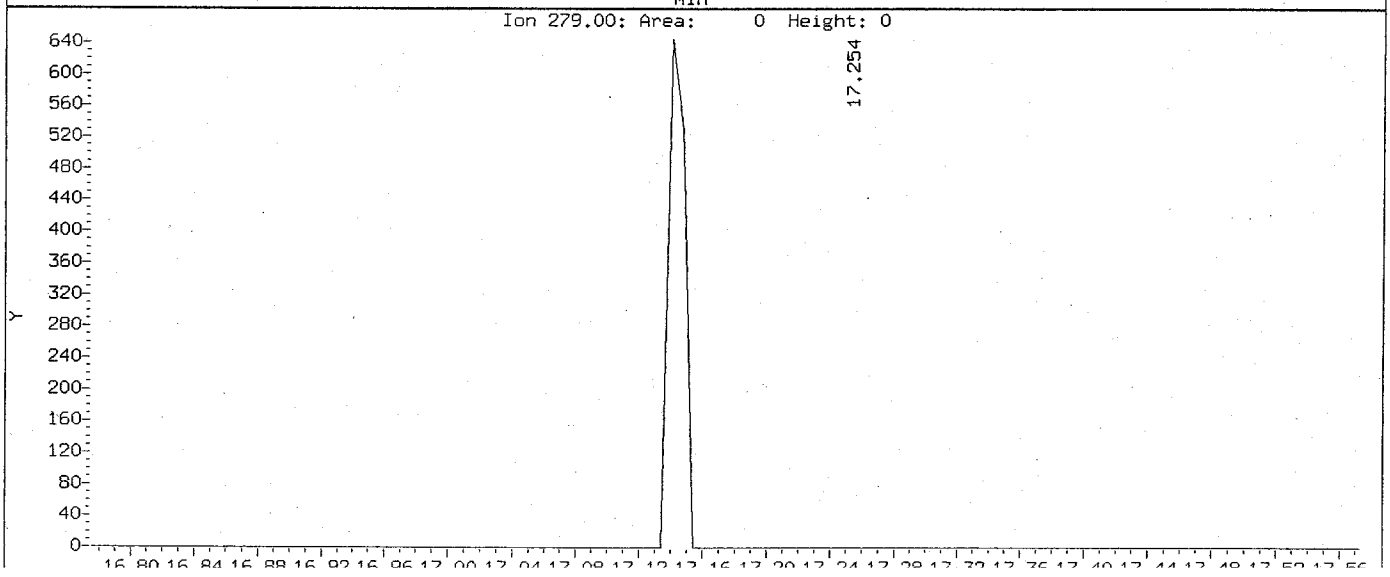


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5794.d
Injection Date: 10-AUG-2008 17:34
Instrument: BNAMS8.i
Client Sample ID:

Compound: Dibenz(a,h)anthracene
CAS Number: 53-70-3







Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5796.d
Report Date: 10-Aug-2008 18:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5796.d
Lab Smp Id: AASTD020
Inj Date : 10-AUG-2008 18:22
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD020
Misc Info : 50 ng/uL BNA Std Lot 4269
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 18:56 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 16:46 Cal File: aa5792.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	2.911	2.911	(0.502)	21194	20.0000	21
19	N-Nitrosodimethylamine	74	3.223	3.223	(0.556)	39943	20.0000	21
71	Pyridine	79	3.243	3.243	(0.560)	61162	20.0000	20
$ 16	2-Fluorophenol (SUR)	112	4.479	4.479	(0.773)	55192	20.0000	19
110	Benzaldehyde	77	5.356	5.356	(0.924)	49422	20.0000	29
$ 17	Phenol-d5 (SUR)	99	5.390	5.390	(0.930)	76657	20.0000	19
1	Phenol	94	5.403	5.403	(0.932)	81481	20.0000	20
73	Aniline	93	5.489	5.489	(0.947)	88474	20.0000	20
20	bis(2-Chloroethyl)ether	93	5.516	5.516	(0.952)	67409	20.0000	19
113	n-decane	43	5.569	5.569	(0.961)	95354	20.0000	21
2	2-Chlorophenol	128	5.609	5.609	(0.968)	63069	20.0000	20
21	1,3-Dichlorobenzene	146	5.762	5.762	(0.994)	73134	20.0000	19
* 79	1,4-Dichlorobenzene-d4	152	5.795	5.795	(1.000)	93005	40.0000	
22	1,4-Dichlorobenzene	146	5.815	5.815	(1.003)	75319	20.0000	19
74	Benzyl Alcohol	108	5.928	5.928	(1.023)	45185	20.0000	20
23	1,2-Dichlorobenzene	146	6.014	6.014	(1.038)	71066	20.0000	19

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5796.d
Report Date: 10-Aug-2008 18:57

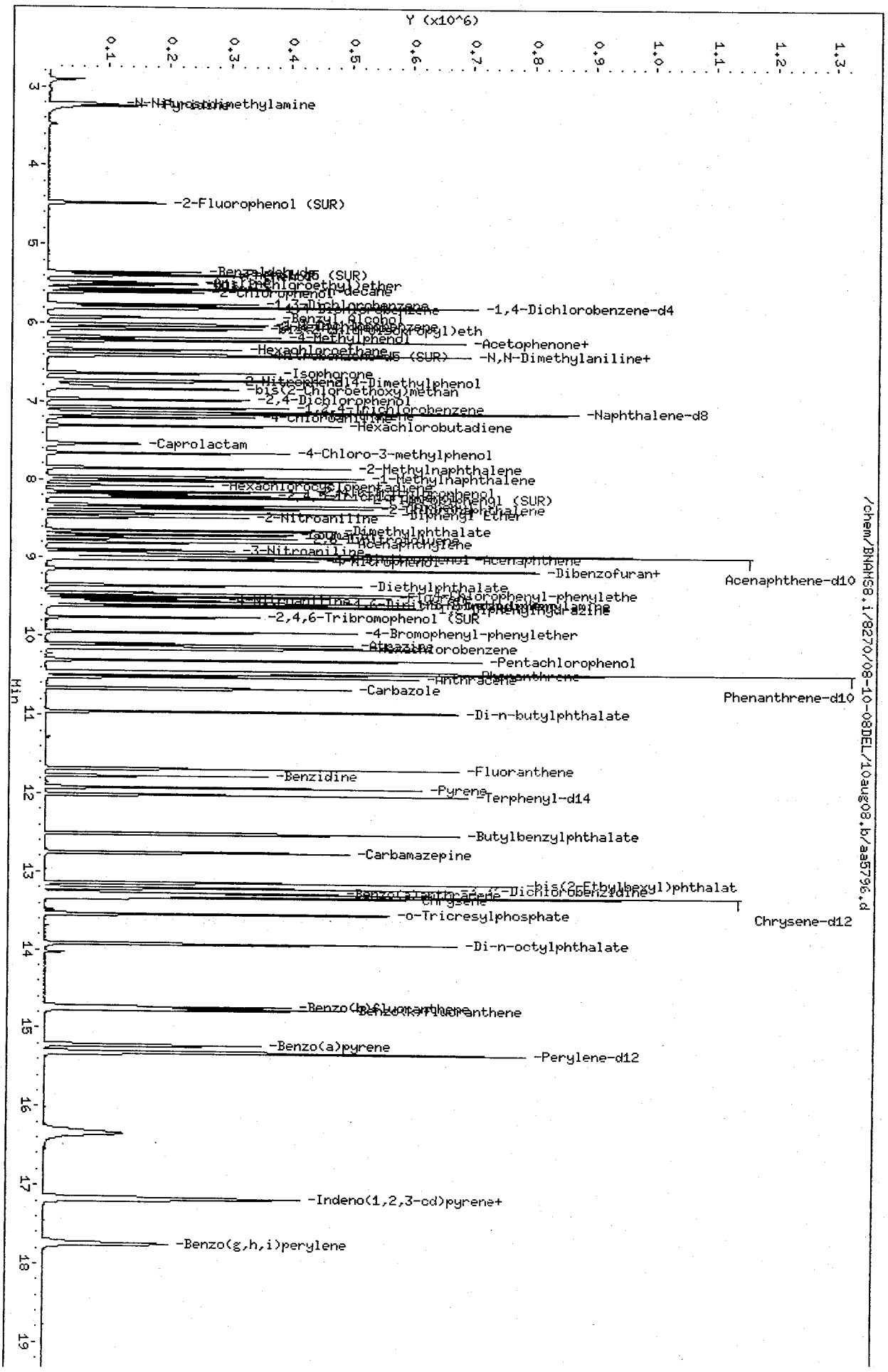
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
3	2-Methylphenol	108	6.034	6.034	(1.041)	59566	20.0000	19
24	bis(2-chloroisopropyl)ether	45	6.074	6.074	(1.048)	142378	20.0000	22
4	4-Methylphenol	108	6.174	6.174	(1.065)	64068	20.0000	20
104	Acetophenone	105	6.220	6.220	(1.073)	100322	20.0000	21
25	N-Nitroso-di-n-propylamine	70	6.227	6.227	(1.075)	60399	20.0000	21
26	Hexachloroethane	117	6.340	6.340	(1.094)	36336	20.0000	20
$ 76	Nitrobenzene-d5 (SUR)	82	6.400	6.400	(0.897)	88613	20.0000	19
107	N,N-Dimethylaniline	120	6.413	6.413	(1.107)	96641	20.0000	19
27	Nitrobenzene	77	6.413	6.413	(0.898)	120306	20.0000	20(H)
28	Isophorone	82	6.639	6.639	(0.930)	162393	20.0000	20
6	2,4-Dimethylphenol	122	6.732	6.732	(0.943)	60231	20.0000	18
5	2-Nitrophenol	139	6.745	6.745	(0.945)	39874	20.0000	18
29	bis(2-Chloroethoxy)methane	93	6.838	6.838	(0.958)	81073	20.0000	20
7	2,4-Dichlorophenol	162	6.978	6.978	(0.978)	56646	20.0000	18
30	1,2,4-Trichlorobenzene	180	7.078	7.078	(0.992)	65194	20.0000	19
* 80	Naphthalene-d8	136	7.138	7.138	(1.000)	390901	40.0000	
31	Naphthalene	128	7.157	7.157	(1.003)	176330	20.0000	18
32	4-Chloroaniline	127	7.204	7.204	(1.009)	78231	20.0000	19
33	Hexachlorobutadiene	225	7.310	7.310	(1.024)	48667	20.0000	19
111	Caprolactam	113	7.543	7.543	(1.057)	23413	20.0000	21(H)
8	4-Chloro-3-methylphenol	107	7.663	7.663	(1.074)	70292	20.0000	20
34	2-Methylnaphthalene	142	7.855	7.855	(1.101)	130161	20.0000	18
120	1-Methylnaphthalene	142	7.968	7.968	(1.116)	133233	20.0000	17(A)
35	Hexachlorocyclopentadiene	237	8.075	8.075	(0.902)	38449	20.0000	18
9	2,4,6-Trichlorophenol	196	8.154	8.154	(0.911)	46627	20.0000	20
10	2,4,5-Trichlorophenol	196	8.201	8.201	(0.916)	49407	20.0000	20(H)
$ 77	2-Fluorobiphenyl (SUR)	172	8.228	8.228	(0.919)	137063	20.0000	18
102	Diphenyl	154	8.327	8.327	(0.930)	163700	20.0000	20
36	2-Chloronaphthalene	162	8.360	8.360	(0.934)	124236	20.0000	20
103	Diphenyl Ether	170	8.427	8.427	(0.941)	88696	20.0000	20
37	2-Nitroaniline	65	8.480	8.480	(0.947)	57821	20.0000	22
38	Dimethylphthalate	163	8.646	8.646	(0.966)	171301	20.0000	20
114	Coumarin	146	8.706	8.706	(1.220)	54106	20.0000	19
40	2,6-Dinitrotoluene	165	8.746	8.746	(0.977)	41753	20.0000	22
39	Acenaphthylene	152	8.799	8.799	(0.983)	187967	20.0000	19
41	3-Nitroaniline	138	8.899	8.899	(0.994)	41510	20.0000	21
* 82	Acenaphthene-d10	164	8.952	8.952	(1.000)	269962	40.0000	
42	Acenaphthene	154	8.985	8.985	(1.004)	151451	20.0000	20
11	2,4-Dinitrophenol	184	8.999	8.999	(1.005)	40452	30.0000	30
12	4-Nitrophenol	65	9.018	9.018	(1.007)	72451	30.0000	33
43	Dibenzofuran	168	9.138	9.138	(1.021)	192736	20.0000	19
44	2,4-Dinitrotoluene	165	9.145	9.145	(1.022)	64275	20.0000	20
45	Diethylphthalate	149	9.344	9.344	(1.044)	202014	20.0000	20
46	4-Chlorophenyl-phenylether	204	9.450	9.450	(1.056)	79018	20.0000	19
47	Fluorene	166	9.490	9.490	(1.060)	153011	20.0000	19
48	4-Nitroaniline	138	9.530	9.530	(1.065)	42224	20.0000	22
13	4,6-Dinitro-2-methylphenol	198	9.563	9.563	(0.915)	56103	30.0000	24

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5796.d
Report Date: 10-Aug-2008 18:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	49 N-Nitrosodiphenylamine	169	9.577	9.577	(0.916)	112074	20.0000	17(H)
	75 1,2-Diphenylhydrazine	77	9.617	9.617	(0.920)	238025	20.0000	20
$	18 2,4,6-Tribromophenol (SUR)	330	9.756	9.756	(1.090)	32065	20.0000	20
	50 4-Bromophenyl-phenylether	248	9.949	9.949	(0.952)	50239	20.0000	18
	112 Atrazine	200	10.102	10.102	(0.966)	50141	20.0000	20
	51 Hexachlorobenzene	284	10.135	10.135	(0.969)	58499	20.0000	18
	14 Pentachlorophenol	266	10.301	10.301	(0.985)	66302	30.0000	28
*	83 Phenanthrene-d10	188	10.454	10.454	(1.000)	438352	40.0000	
	52 Phenanthrene	178	10.474	10.474	(1.002)	234304	20.0000	17
	53 Anthracene	178	10.521	10.521	(1.006)	230828	20.0000	17
	54 Carbazole	167	10.667	10.667	(1.020)	207197	20.0000	18
	55 Di-n-butylphthalate	149	10.959	10.959	(1.048)	361255	20.0000	18
	56 Fluoranthene	202	11.684	11.684	(1.118)	267439	20.0000	17
	58 Benzidine	184	11.770	11.770	(1.126)	121716	30.0000	41
	57 Pyrene	202	11.930	11.930	(0.897)	275029	20.0000	18
$	78 Terphenyl-d14	244	12.016	12.016	(0.903)	199621	20.0000	18
	59 Butylbenzylphthalate	149	12.514	12.514	(0.941)	168428	20.0000	18
	118 Carbamazepine	193	12.754	12.754	(0.959)	117667	20.0000	19(A)
	63 bis(2-Ethylhexyl)phthalate	149	13.146	13.146	(0.988)	235709	20.0000	18
	60 3,3'-Dichlorobenzidine	252	13.212	13.212	(0.993)	145305	30.0000	31
	61 Benzo(a)anthracene	228	13.272	13.272	(0.998)	262121	20.0000	19
*	81 Chrysene-d12	240	13.305	13.305	(1.000)	504913	40.0000	
	62 Chrysene	228	13.339	13.339	(1.002)	245756	20.0000	18
	117 o-Tricresylphosphate	165	13.545	13.545	(1.018)	74477	20.0000	18(A)
	64 Di-n-octylphthalate	149	13.917	13.917	(0.908)	389577	20.0000	18
	65 Benzo(b)fluoranthene	252	14.734	14.734	(0.962)	252363	20.0000	16(H)
	66 Benzo(k)fluoranthene	252	14.768	14.768	(0.964)	289997	20.0000	21
	67 Benzo(a)pyrene	252	15.219	15.219	(0.993)	239142	20.0000	19
*	84 Perylene-d12	264	15.319	15.319	(1.000)	440401	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.180	17.180	(1.121)	274715	20.0000	19
	69 Dibenz(a,h)anthracene	278	17.174	17.174	(1.121)	229323	20.0000	19
	70 Benzo(g,h,i)perylene	276	17.758	17.758	(1.159)	230369	20.0000	20

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5796.d
Date : 10-AUG-2008 18:22
Client ID:
Sample Info: AASTD020
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5796.d
-N-Nitrosodimethylamine
-2-Fluorophenol (SURR)
-1,4-Dichlorobenzene-d4
-Acetophenone+
-N,N-Dimethylaniline+
-Naphthalene-d8
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-1-Methylnaphthalene
-2-Nitroaniline
-Dibenzofuran+
Acenaphthene-d10
-Diethylphthalate
-2,4,6-Tribromophenol (SURR
-4-Bromophenyl-phenylether
-Pentachlorophenol
-Carbazole
Phenanthrene-d10
-Di-n-butylphthalate
-Fluoranthene
-Benzidine
-Pyrene
-Terphenyl-d14
-Butylbenzylphthalate
-Carbamazepine
-o-Tricresylphosphate
Chrysene-d12
-Di-n-octylphthalate
-Benzo(a)pyrene
-Perylene-d12
-Indeno(1,2,3-cd)pyrene+
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5792.d
Report Date: 10-Aug-2008 18:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5792.d
Lab Smp Id: AASTD050
Inj Date : 10-AUG-2008 16:46
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD050
Misc Info : 50 ng/uL BNA Std Lot 4268
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 18:56 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 16:46 Cal File: aa5792.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	2.905	2.911	(0.501)	54088	50.0000	50
19	N-Nitrosodimethylamine	74	3.224	3.223	(0.556)	99416	50.0000	50
71	Pyridine	79	3.244	3.243	(0.559)	154484	50.0000	50
$ 16	2-Fluorophenol (SUR)	112	4.480	4.479	(0.772)	144654	50.0000	50
110	Benzaldehyde	77	5.357	5.356	(0.923)	114898	50.0000	50
$ 17	Phenol-d5 (SUR)	99	5.397	5.390	(0.930)	199574	50.0000	50
1	Phenol	94	5.417	5.403	(0.934)	211269	50.0000	50
73	Aniline	93	5.497	5.489	(0.947)	213543	50.0000	50
20	bis(2-Chloroethyl)ether	93	5.523	5.516	(0.952)	171419	50.0000	50
113	n-decane	43	5.570	5.569	(0.960)	212899	50.0000	50
2	2-Chlorophenol	128	5.610	5.609	(0.967)	163645	50.0000	50
21	1,3-Dichlorobenzene	146	5.769	5.762	(0.994)	192762	50.0000	50
* 79	1,4-Dichlorobenzene-d4	152	5.802	5.795	(1.000)	97389	40.0000	
22	1,4-Dichlorobenzene	146	5.816	5.815	(1.002)	194352	50.0000	50
74	Benzyl Alcohol	108	5.935	5.928	(1.023)	118139	50.0000	50
23	1,2-Dichlorobenzene	146	6.022	6.014	(1.038)	186368	50.0000	50

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5792.d
Report Date: 10-Aug-2008 18:57

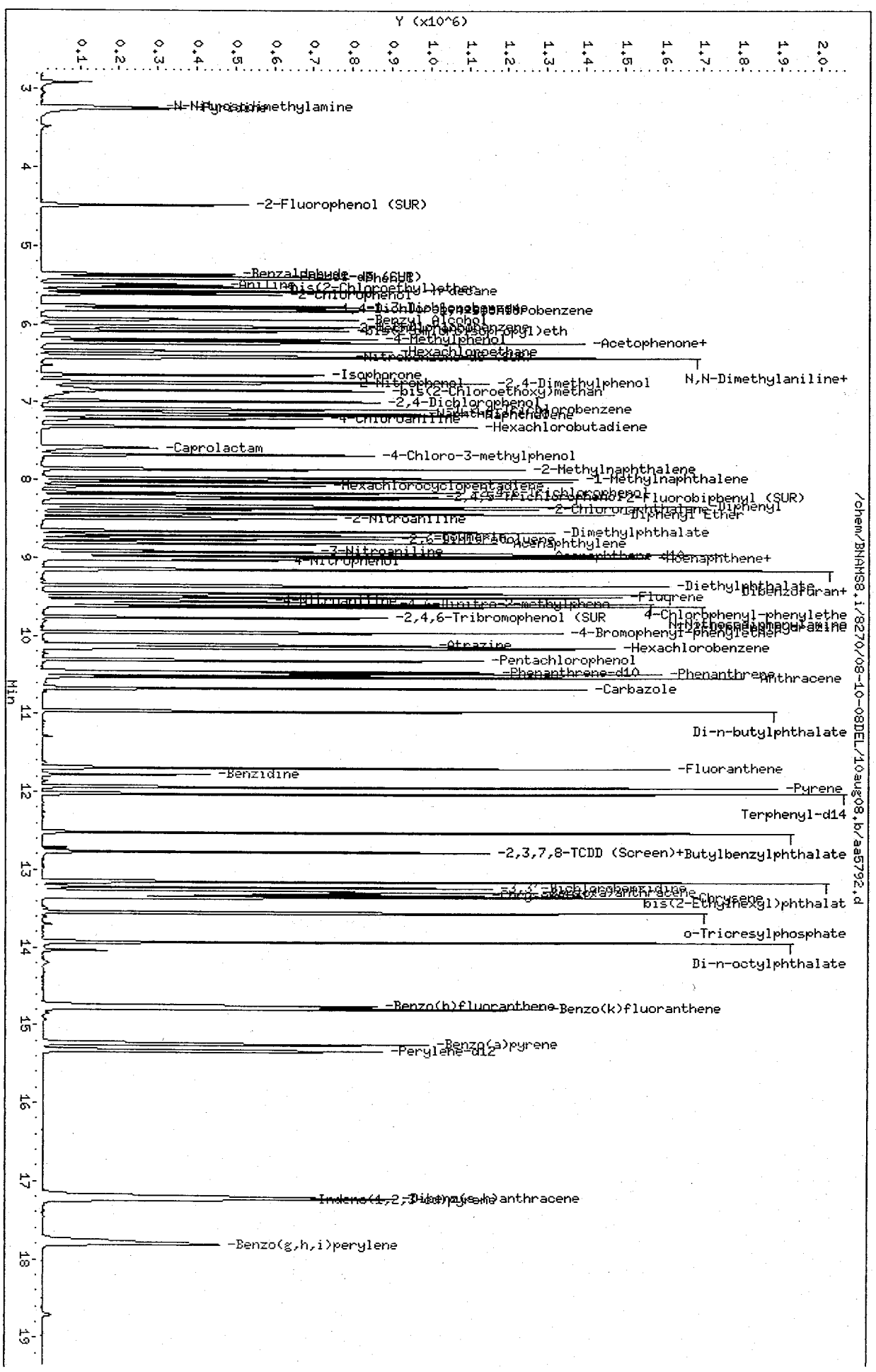
		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
3	2-Methylphenol	108	6.042	6.034	(1.041)	159259	50.0000	50
24	bis(2-chloroisopropyl)ether	45	6.082	6.074	(1.048)	330745	50.0000	50
4	4-Methylphenol	108	6.188	6.174	(1.066)	166566	50.0000	50
104	Acetophenone	105	6.234	6.220	(1.074)	249169	50.0000	50
25	N-Nitroso-di-n-propylamine	70	6.241	6.227	(1.076)	145803	50.0000	50
26	Hexachloroethane	117	6.341	6.340	(1.093)	96962	50.0000	50
$ 76	Nitrobenzene-d5 (SUR)	82	6.407	6.400	(0.898)	228701	50.0000	50
107	N,N-Dimethylaniline	120	6.420	6.413	(1.107)	252313	50.0000	50
27	Nitrobenzene	77	6.427	6.413	(0.900)	292071	50.0000	50
28	Isophorone	82	6.646	6.639	(0.931)	405175	50.0000	50
6	2,4-Dimethylphenol	122	6.739	6.732	(0.944)	160183	50.0000	50
5	2-Nitrophenol	139	6.753	6.745	(0.946)	104529	50.0000	50
29	bis(2-Chloroethoxy)methane	93	6.846	6.838	(0.959)	203009	50.0000	50
7	2,4-Dichlorophenol	162	6.985	6.978	(0.979)	152979	50.0000	50
30	1,2,4-Trichlorobenzene	180	7.085	7.078	(0.993)	180201	50.0000	50
* 80	Naphthalene-d8	136	7.138	7.138	(1.000)	405007	40.0000	
31	Naphthalene	128	7.158	7.157	(1.003)	477201	50.0000	50
32	4-Chloroaniline	127	7.211	7.204	(1.010)	197355	50.0000	50
33	Hexachlorobutadiene	225	7.318	7.310	(1.025)	133128	50.0000	50
111	Caprolactam	113	7.590	7.543	(1.063)	61650	50.0000	50
8	4-Chloro-3-methylphenol	107	7.677	7.663	(1.075)	188860	50.0000	50
34	2-Methylnaphthalene	142	7.863	7.855	(1.101)	355978	50.0000	50
120	1-Methylnaphthalene	142	7.976	7.968	(1.117)	349716	50.0000	50(A)
35	Hexachlorocyclopentadiene	237	8.082	8.075	(0.902)	116508	50.0000	50
9	2,4,6-Trichlorophenol	196	8.162	8.154	(0.911)	129577	50.0000	50
10	2,4,5-Trichlorophenol	196	8.208	8.201	(0.916)	131824	50.0000	50
$ 77	2-Fluorobiphenyl (SUR)	172	8.235	8.228	(0.919)	401291	50.0000	50
102	Diphenyl	154	8.335	8.327	(0.930)	456961	50.0000	50
36	2-Chloronaphthalene	162	8.368	8.360	(0.934)	338179	50.0000	50
103	Diphenyl Ether	170	8.434	8.427	(0.941)	241973	50.0000	50
37	2-Nitroaniline	65	8.494	8.480	(0.948)	138124	50.0000	50
38	Dimethylphthalate	163	8.660	8.646	(0.967)	460447	50.0000	50
114	Coumarin	146	8.713	8.706	(1.221)	138314	50.0000	50
40	2,6-Dinitrotoluene	165	8.760	8.746	(0.978)	106955	50.0000	50
39	Acenaphthylene	152	8.813	8.799	(0.984)	504331	50.0000	50
41	3-Nitroaniline	138	8.913	8.899	(0.995)	106263	50.0000	50
* 82	Acenaphthene-d10	164	8.959	8.952	(1.000)	291403	40.0000	
42	Acenaphthene	154	8.993	8.985	(1.004)	394632	50.0000	50
11	2,4-Dinitrophenol	184	9.006	8.999	(1.005)	73399	50.0000	50
12	4-Nitrophenol	65	9.032	9.018	(1.008)	114724	50.0000	50
43	Dibenzofuran	168	9.152	9.138	(1.022)	551856	50.0000	50
44	2,4-Dinitrotoluene	165	9.159	9.145	(1.022)	174975	50.0000	50
45	Diethylphthalate	149	9.358	9.344	(1.044)	550293	50.0000	50
46	4-Chlorophenyl-phenylether	204	9.458	9.450	(1.056)	229334	50.0000	50
47	Fluorene	166	9.498	9.490	(1.060)	453156	50.0000	50
48	4-Nitroaniline	138	9.551	9.530	(1.066)	100192	50.0000	50
13	4,6-Dinitro-2-methylphenol	198	9.577	9.563	(0.916)	104157	50.0000	50

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5792.d
Report Date: 10-Aug-2008 18:57

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	49	N-Nitrosodiphenylamine	169	9.591	9.577	(0.917)	309696	50.0000	50
	75	1,2-Diphenylhydrazine	77	9.624	9.617	(0.920)	577735	50.0000	50
$	18	2,4,6-Tribromophenol (SUR)	330	9.770	9.756	(1.091)	89685	50.0000	50
	50	4-Bromophenyl-phenylether	248	9.956	9.949	(0.952)	140234	50.0000	50
	112	Atrazine	200	10.116	10.102	(0.967)	116956	50.0000	50
	51	Hexachlorobenzene	284	10.142	10.135	(0.970)	164089	50.0000	50
	14	Pentachlorophenol	266	10.309	10.301	(0.985)	115797	50.0000	50
*	83	Phenanthrene-d10	188	10.461	10.454	(1.000)	448757	40.0000	
	52	Phenanthrene	178	10.481	10.474	(1.002)	682377	50.0000	50
	53	Anthracene	178	10.528	10.521	(1.006)	662468	50.0000	50
	54	Carbazole	167	10.674	10.667	(1.020)	516815	50.0000	50
	55	Di-n-butylphthalate	149	10.967	10.959	(1.048)	995201	50.0000	50
	56	Fluoranthene	202	11.698	11.684	(1.118)	780140	50.0000	50
	58	Benzidine	184	11.777	11.770	(1.126)	143881	50.0000	50
	57	Pyrene	202	11.937	11.930	(0.896)	781698	50.0000	50
$	78	Terphenyl-d14	244	12.023	12.016	(0.903)	612604	50.0000	50
	59	Butylbenzylphthalate	149	12.522	12.514	(0.940)	473437	50.0000	50
	109	2,3,7,8-TCDD (Screen)	320	12.761	12.761	(0.958)	1237	0.50000	0.50
	118	Carbamazepine	193	12.768	12.754	(0.959)	289601	50.0000	50(A)
	63	bis(2-Ethylhexyl)phthalate	149	13.153	13.146	(0.988)	665025	50.0000	50
	60	3,3'-Dichlorobenzidine	252	13.226	13.212	(0.993)	244464	50.0000	50
	61	Benzo(a)anthracene	228	13.286	13.272	(0.998)	717094	50.0000	50
*	81	Chrysene-d12	240	13.319	13.305	(1.000)	544089	40.0000	
	62	Chrysene	228	13.353	13.339	(1.002)	716734	50.0000	50
	117	o-Tricresylphosphate	165	13.552	13.545	(1.017)	202394	50.0000	50(A)
	64	Di-n-octylphthalate	149	13.931	13.917	(0.909)	1138896	50.0000	50
	65	Benzo(b)fluoranthene	252	14.755	14.734	(0.962)	810783	50.0000	50
	66	Benzo(k)fluoranthene	252	14.788	14.768	(0.964)	710545	50.0000	50
	67	Benzo(a)pyrene	252	15.247	15.219	(0.994)	673537	50.0000	50
*	84	Perylene-d12	264	15.333	15.319	(1.000)	474537	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	17.234	17.180	(1.124)	772842	50.0000	50
	69	Dibenz(a,h)anthracene	278	17.221	17.174	(1.123)	659114	50.0000	50
	70	Benzo(g,h,i)perylene	276	17.806	17.758	(1.161)	632549	50.0000	50

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5792.d
Date : 10-AUG-2008 16:46
Client ID:
Sample Info: AASTD050
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5792.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Acetophenone+
N,N-Dimethylaniline+
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-1-Methylnaphthalene
-Dimethylphthalate
-Acenaphthylene
-Diethylphthalate
-Fluorene
-Hexachlorobenzene
-Pentachlorophenol
-Phenanthrene
-Anthracene
-Carbazole
Di-n-butylphthalate
-Fluoranthene
-Benzidine
-Pyrene
Terphenyl-d14
-2,3,7,8-TCDD (Screen)+Butylbenzylphthalate
-Chrysene
o-Tricresylphosphate
Di-n-octylphthalate
-Benzo(b)fluoranthene
-Benzo(k)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5795.d
Report Date: 10-Aug-2008 19:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5795.d
Lab Smp Id: AASTD080
Inj Date : 10-AUG-2008 17:58
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD080
Misc Info : 50 ng/uL BNA Std Lot 4269
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 19:20 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 16:46 Cal File: aa5792.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	2.907	2.907	(0.501)	87240	80.0000	83
19	N-Nitrosodimethylamine	74	3.226	3.226	(0.556)	161827	80.0000	81
71	Pyridine	79	3.246	3.246	(0.560)	256126	80.0000	82
$ 16	2-Fluorophenol (SUR)	112	4.482	4.482	(0.773)	257635	80.0000	84
110	Benzaldehyde	77	5.360	5.360	(0.924)	113928	80.0000	64
$ 17	Phenol-d5 (SUR)	99	5.406	5.406	(0.932)	348466	80.0000	84
1	Phenol	94	5.420	5.420	(0.935)	362163	80.0000	84
73	Aniline	93	5.493	5.493	(0.947)	365237	80.0000	80
20	bis(2-Chloroethyl)ether	93	5.526	5.526	(0.953)	268514	80.0000	71
113	n-decane	43	5.572	5.572	(0.961)	343194	80.0000	74
2	2-Chlorophenol	128	5.612	5.612	(0.968)	275213	80.0000	83
21	1,3-Dichlorobenzene	146	5.765	5.765	(0.994)	322965	80.0000	82
* 79	1,4-Dichlorobenzene-d4	152	5.798	5.798	(1.000)	97361	40.0000	
22	1,4-Dichlorobenzene	146	5.818	5.818	(1.003)	345762	80.0000	85
74	Benzyl Alcohol	108	5.938	5.938	(1.024)	190740	80.0000	81

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5795.d
Report Date: 10-Aug-2008 19:20

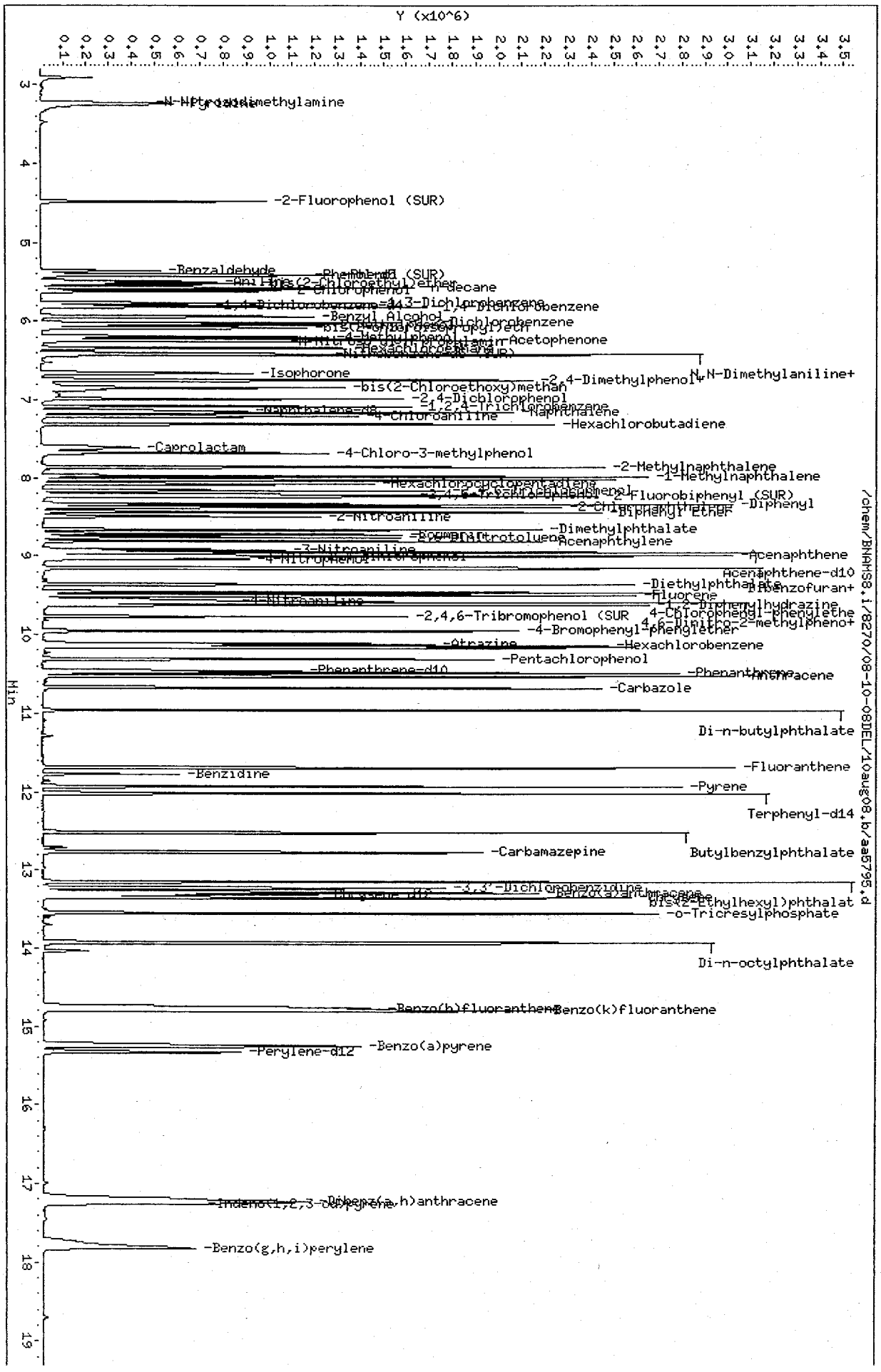
							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	6.018	6.018	(1.038)	325224	80.0000	84
	3 2-Methylphenol	108	6.044	6.044	(1.042)	262571	80.0000	82
	24 bis(2-chloroisopropyl)ether	45	6.084	6.084	(1.049)	519361	80.0000	79
	4 4-Methylphenol	108	6.197	6.197	(1.069)	280157	80.0000	83
	104 Acetophenone	105	6.237	6.237	(1.076)	422039	80.0000	84
	25 N-Nitroso-di-n-propylamine	70	6.250	6.250	(1.078)	238125	80.0000	80
	26 Hexachloroethane	117	6.343	6.343	(1.094)	159448	80.0000	84
$	76 Nitrobenzene-d5 (SUR)	82	6.410	6.410	(0.898)	400354	80.0000	84
	107 N,N-Dimethylaniline	120	6.423	6.423	(1.108)	468316	80.0000	88
	27 Nitrobenzene	77	6.430	6.430	(0.900)	498660	80.0000	81(H)
	28 Isophorone	82	6.662	6.662	(0.933)	671705	80.0000	80
	6 2,4-Dimethylphenol	122	6.742	6.742	(0.944)	282799	80.0000	84
	5 2-Nitrophenol	139	6.756	6.756	(0.946)	187060	80.0000	83
	29 bis(2-Chloroethoxy)methane	93	6.849	6.849	(0.959)	337153	80.0000	80
	7 2,4-Dichlorophenol	162	6.988	6.988	(0.979)	264192	80.0000	84
	30 1,2,4-Trichlorobenzene	180	7.088	7.088	(0.993)	302558	80.0000	84
*	80 Naphthalene-d8	136	7.141	7.141	(1.000)	402855	40.0000	
	31 Naphthalene	128	7.161	7.161	(1.003)	835671	80.0000	84
	32 4-Chloroaniline	127	7.214	7.214	(1.010)	346734	80.0000	82
	33 Hexachlorobutadiene	225	7.314	7.314	(1.024)	228424	80.0000	85
	111 Caprolactam	113	7.620	7.620	(1.067)	90695	80.0000	80
	8 4-Chloro-3-methylphenol	107	7.679	7.679	(1.075)	272548	80.0000	76
	34 2-Methylnaphthalene	142	7.859	7.859	(1.101)	625606	80.0000	83
	120 1-Methylnaphthalene	142	7.978	7.978	(1.117)	641174	80.0000	81(A)
	35 Hexachlorocyclopentadiene	237	8.078	8.078	(0.902)	205687	80.0000	81
	9 2,4,6-Trichlorophenol	196	8.165	8.165	(0.912)	220588	80.0000	80
	10 2,4,5-Trichlorophenol	196	8.218	8.218	(0.918)	241291	80.0000	79
$	77 2-Fluorobiphenyl (SUR)	172	8.238	8.238	(0.920)	753548	80.0000	83
	102 Diphenyl	154	8.337	8.337	(0.931)	846855	80.0000	84
	36 2-Chloronaphthalene	162	8.371	8.371	(0.935)	594029	80.0000	79
	103 Diphenyl Ether	170	8.437	8.437	(0.942)	440343	80.0000	81
	37 2-Nitroaniline	65	8.497	8.497	(0.949)	232600	80.0000	74
	38 Dimethylphthalate	163	8.663	8.663	(0.967)	796519	80.0000	77
	114 Coumarin	146	8.723	8.723	(1.222)	235738	80.0000	79
	40 2,6-Dinitrotoluene	165	8.763	8.763	(0.978)	181799	80.0000	78
	39 Acenaphthylene	152	8.809	8.809	(0.984)	919925	80.0000	79
	41 3-Nitroaniline	138	8.922	8.922	(0.996)	178450	80.0000	76
*	82 Acenaphthene-d10	164	8.955	8.955	(1.000)	326619	40.0000	
	42 Acenaphthene	154	8.995	8.995	(1.004)	737023	80.0000	80
	11 2,4-Dinitrophenol	184	9.015	9.015	(1.007)	134030	80.0000	83
	12 4-Nitrophenol	65	9.042	9.042	(1.010)	201494	80.0000	77
	43 Dibenzofuran	168	9.148	9.148	(1.022)	1023594	80.0000	84
	44 2,4-Dinitrotoluene	165	9.162	9.162	(1.023)	306476	80.0000	80
	45 Diethylphthalate	149	9.361	9.361	(1.045)	928801	80.0000	77
	46 4-Chlorophenyl-phenylether	204	9.461	9.461	(1.056)	406999	80.0000	81
	47 Fluorene	166	9.500	9.500	(1.061)	812947	80.0000	82
	48 4-Nitroaniline	138	9.567	9.567	(1.068)	169159	80.0000	71

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5795.d
Report Date: 10-Aug-2008 19:20

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	13	4,6-Dinitro-2-methylphenol	198	9.594	9.594	(0.917)	214475	80.0000	93
	49	N-Nitrosodiphenylamine	169	9.600	9.600	(0.918)	619115	80.0000	93
	75	1,2-Diphenylhydrazine	77	9.627	9.627	(0.921)	927916	80.0000	77
$	18	2,4,6-Tribromophenol (SUR)	330	9.773	9.773	(1.091)	164005	80.0000	83
	50	4-Bromophenyl-phenylether	248	9.959	9.959	(0.952)	244012	80.0000	86
	112	Atrazine	200	10.119	10.119	(0.968)	205384	80.0000	83
	51	Hexachlorobenzene	284	10.145	10.145	(0.970)	295872	80.0000	92
	14	Pentachlorophenol	266	10.311	10.311	(0.986)	206507	80.0000	86
*	83	Phenanthrene-d10	188	10.458	10.458	(1.000)	439308	40.0000	
	52	Phenanthrene	178	10.484	10.484	(1.003)	1230593	80.0000	91
	53	Anthracene	178	10.531	10.531	(1.007)	1202369	80.0000	89
	54	Carbazole	167	10.677	10.677	(1.021)	980744	80.0000	86
	55	Di-n-butylphthalate	149	10.963	10.963	(1.048)	1715463	80.0000	87
	56	Fluoranthene	202	11.694	11.694	(1.118)	1373555	80.0000	89
	58	Benzidine	184	11.780	11.780	(1.126)	210966	80.0000	71
	57	Pyrene	202	11.940	11.940	(0.897)	1378231	80.0000	86
$	78	Terphenyl-d14	244	12.026	12.026	(0.903)	1083343	80.0000	91
	59	Butylbenzylphthalate	149	12.518	12.518	(0.940)	827876	80.0000	86
	118	Carbamazepine	193	12.770	12.770	(0.959)	545137	80.0000	84(A)
	63	bis(2-Ethylhexyl)phthalate	149	13.156	13.156	(0.988)	1211909	80.0000	89
	60	3,3'-Dichlorobenzidine	252	13.229	13.229	(0.994)	402687	80.0000	82(A)
	61	Benzo(a)anthracene	228	13.289	13.289	(0.998)	1254504	80.0000	85
*	81	Chrysene-d12	240	13.315	13.315	(1.000)	529947	40.0000	
	62	Chrysene	228	13.355	13.355	(1.003)	1242204	80.0000	87
	117	o-Tricresylphosphate	165	13.555	13.555	(1.018)	368983	80.0000	86(A)
	64	Di-n-octylphthalate	149	13.934	13.934	(0.909)	1987483	80.0000	89
	65	Benzo(b)fluoranthene	252	14.771	14.771	(0.964)	1355034	80.0000	83(MH)
	66	Benzo(k)fluoranthene	252	14.798	14.798	(0.965)	1130261	80.0000	81
	67	Benzo(a)pyrene	252	15.250	15.250	(0.995)	1122490	80.0000	88
*	84	Perylene-d12	264	15.329	15.329	(1.000)	445322	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	17.263	17.263	(1.126)	1236206	80.0000	87
	69	Dibenz(a,h)anthracene	278	17.230	17.230	(1.124)	1065219	80.0000	89
	70	Benzo(g,h,i)perylene	276	17.822	17.822	(1.163)	961241	80.0000	81

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

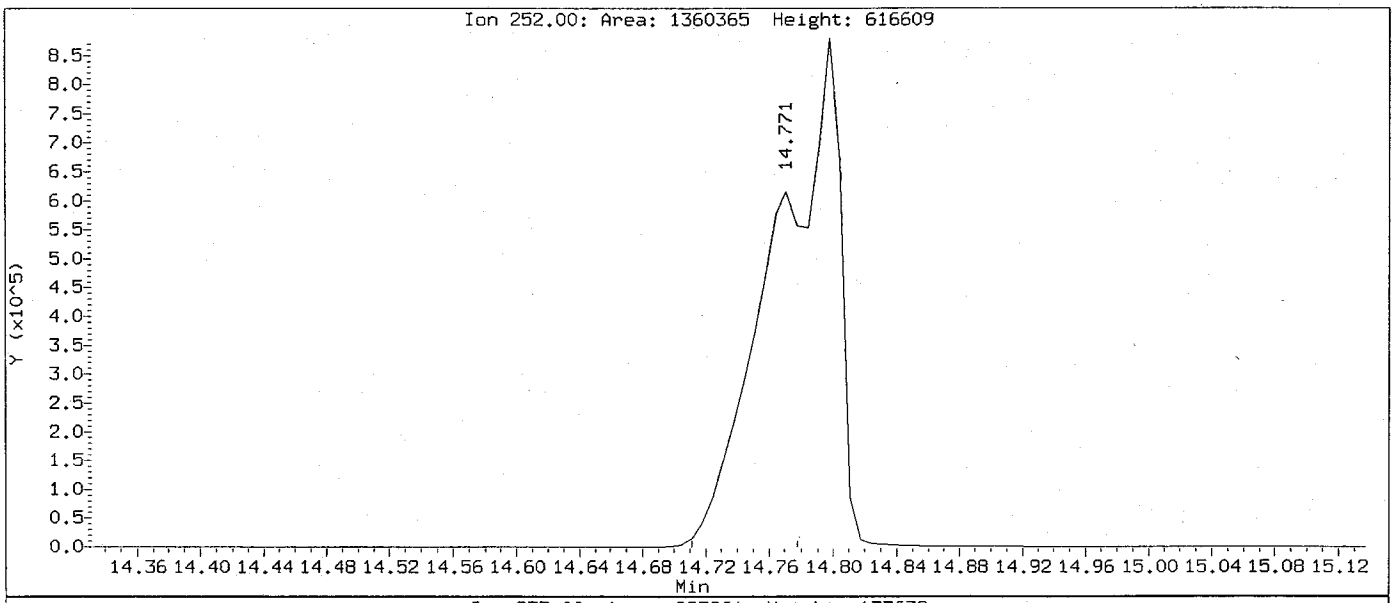


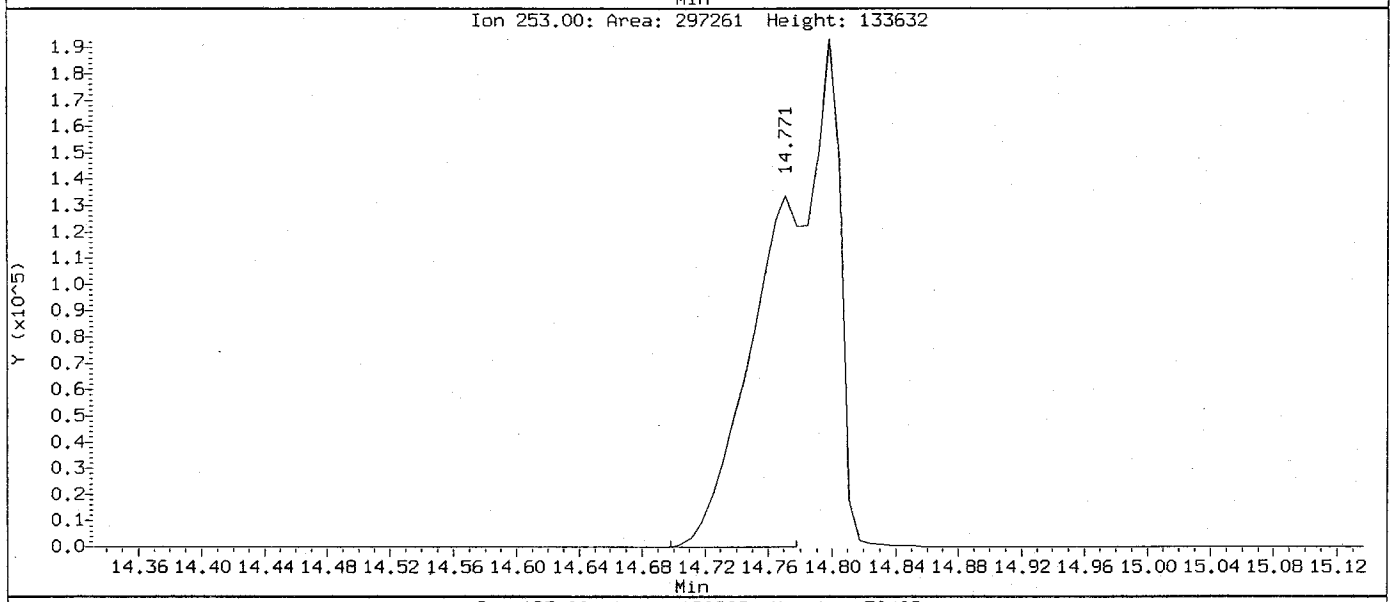
Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5795.d
Date : 10-AUG-2008 17:58
Client ID:
Sample Info: AASTD080
Volume Injected (uL): 1.0
Column phase: DB-5

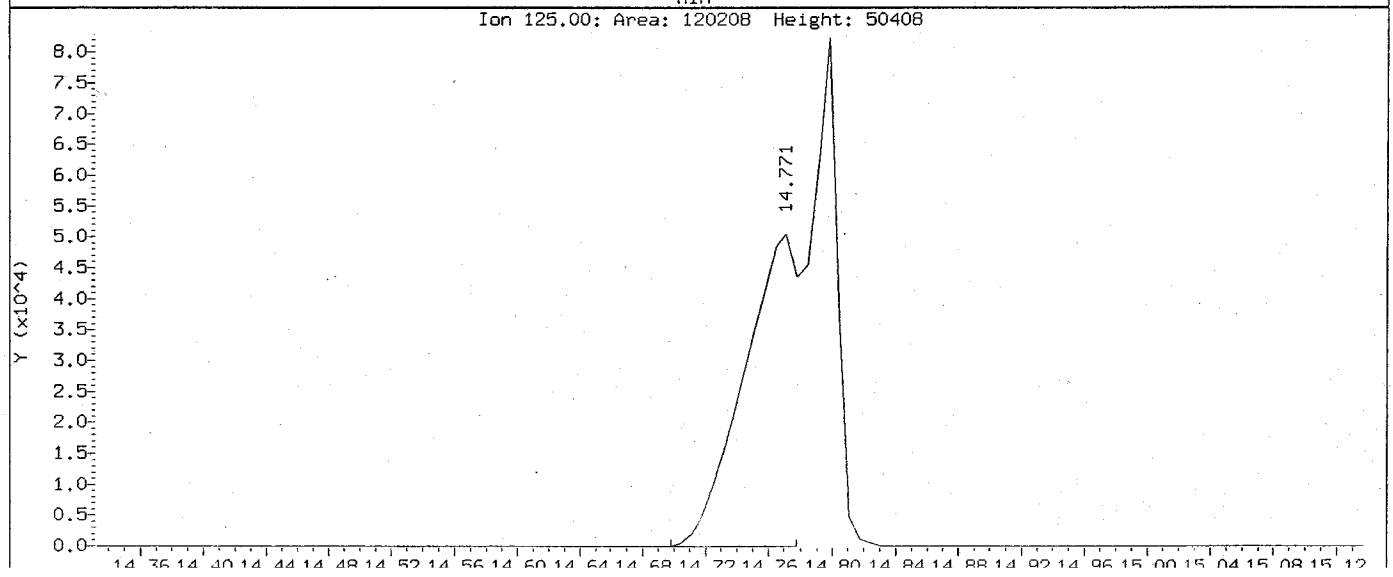
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5795.d
Injection Date: 10-AUG-2008 17:58
Instrument: BNAMS8.i
Client Sample ID:

Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2







Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5793.d
Report Date: 10-Aug-2008 18:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5793.d
Lab Smp Id: AASTD120
Inj Date : 10-AUG-2008 17:10
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD120
Misc Info : 50 ng/uL BNA Std Lot 4269
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 18:56 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 16:46 Cal File: aa5792.d
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	2.905	2.911	(0.501)	125384	120.000	120
19	N-Nitrosodimethylamine	74	3.230	3.223	(0.557)	227511	120.000	110
71	Pyridine	79	3.244	3.243	(0.559)	374529	120.000	120
$ 16	2-Fluorophenol (SUR)	112	4.486	4.479	(0.773)	399347	120.000	130(A)
110	Benzaldehyde	77	5.357	5.356	(0.923)	111412	120.000	62
$ 17	Phenol-d5 (SUR)	99	5.417	5.390	(0.934)	531740	120.000	130(A)
1	Phenol	94	5.430	5.403	(0.936)	534741	120.000	120(A)
73	Aniline	93	5.497	5.489	(0.947)	532405	120.000	120
20	bis(2-Chloroethyl)ether	93	5.530	5.516	(0.953)	439568	120.000	120
113	n-decane	43	5.576	5.569	(0.961)	496098	120.000	110
2	2-Chlorophenol	128	5.623	5.609	(0.969)	426514	120.000	130(A)
21	1,3-Dichlorobenzene	146	5.769	5.762	(0.994)	520884	120.000	130(A)
* 79	1,4-Dichlorobenzene-d4	152	5.802	5.795	(1.000)	97762	40.0000	
22	1,4-Dichlorobenzene	146	5.822	5.815	(1.003)	553223	120.000	130(A)
74	Benzyl Alcohol	108	5.949	5.928	(1.025)	287483	120.000	120(A)
23	1,2-Dichlorobenzene	146	6.022	6.014	(1.038)	517316	120.000	130(A)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5793.d
Report Date: 10-Aug-2008 18:57

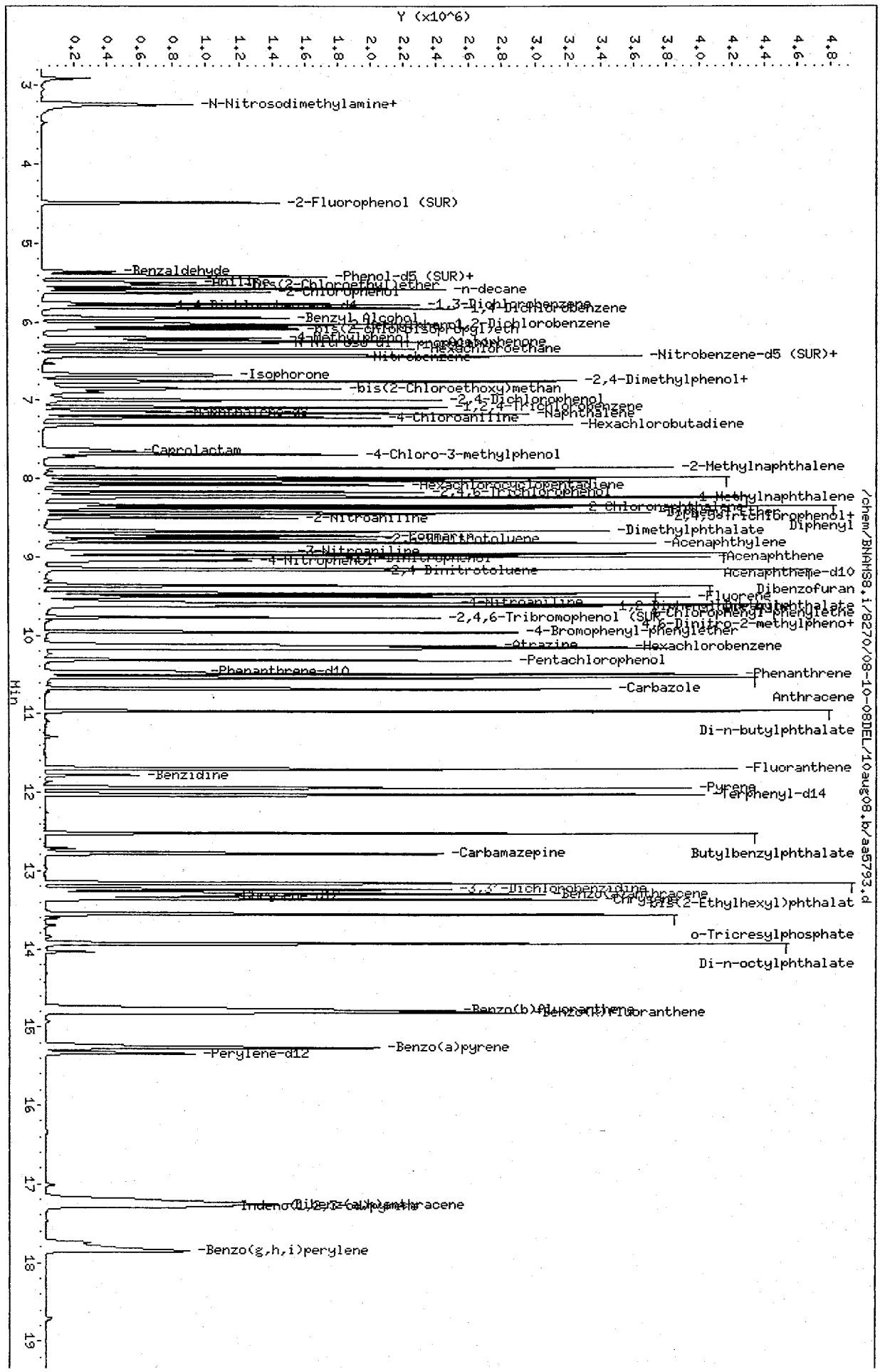
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	3 2-Methylphenol	108	6.048	6.034	(1.042)	394550	120.000	120(A)
	24 bis(2-chloroisopropyl)ether	45	6.088	6.074	(1.049)	691782	120.000	100
	4 4-Methylphenol	108	6.208	6.174	(1.070)	421288	120.000	120(A)
	104 Acetophenone	105	6.248	6.220	(1.077)	640801	120.000	130(A)
	25 N-Nitroso-di-n-propylamine	70	6.268	6.227	(1.080)	347302	120.000	120
	26 Hexachloroethane	117	6.341	6.340	(1.093)	247446	120.000	120(A)
$	76 Nitrobenzene-d5 (SUR)	82	6.420	6.400	(0.899)	611072	120.000	130(A)
	107 N,N-Dimethylaniline	120	6.434	6.413	(1.109)	750491	120.000	140(A)
	27 Nitrobenzene	77	6.440	6.413	(0.901)	723893	120.000	120(A)
	28 Isophorone	82	6.673	6.639	(0.934)	987514	120.000	120(A)
	6 2,4-Dimethylphenol	122	6.753	6.732	(0.945)	465079	120.000	140(A)
	5 2-Nitrophenol	139	6.759	6.745	(0.946)	331666	120.000	150(A)
	29 bis(2-Chloroethoxy)methane	93	6.852	6.838	(0.959)	499792	120.000	120(A)
	7 2,4-Dichlorophenol	162	6.992	6.978	(0.979)	440278	120.000	140(A)
	30 1,2,4-Trichlorobenzene	180	7.085	7.078	(0.992)	500915	120.000	140(A)
*	80 Naphthalene-d8	136	7.145	7.138	(1.000)	387685	40.0000	
	31 Naphthalene	128	7.165	7.157	(1.003)	1372948	120.000	140(A)
	32 4-Chloroaniline	127	7.218	7.204	(1.010)	539590	120.000	130(A)
	33 Hexachlorobutadiene	225	7.318	7.310	(1.024)	358428	120.000	140(A)
	111 Caprolactam	113	7.650	7.543	(1.071)	118833	120.000	130(A)
	8 4-Chloro-3-methylphenol	107	7.690	7.663	(1.076)	417717	120.000	120(A)
	34 2-Methylnaphthalene	142	7.863	7.855	(1.100)	1085503	120.000	150(A)
	120 1-Methylnaphthalene	142	7.982	7.968	(1.117)	1165842	120.000	150(A)
	35 Hexachlorocyclopentadiene	237	8.082	8.075	(0.902)	346012	120.000	130(A)
	9 2,4,6-Trichlorophenol	196	8.168	8.154	(0.912)	360911	120.000	120(A)
	10 2,4,5-Trichlorophenol	196	8.228	8.201	(0.918)	428719	120.000	160(A)
$	77 2-Fluorobiphenyl (SUR)	172	8.242	8.228	(0.920)	1413295	120.000	150(A)
	102 Diphenyl	154	8.341	8.327	(0.931)	1419709	120.000	130(A)
	36 2-Chloronaphthalene	162	8.374	8.360	(0.935)	1028483	120.000	130(A)
	103 Diphenyl Ether	170	8.441	8.427	(0.942)	737951	120.000	130(A)
	37 2-Nitroaniline	65	8.501	8.480	(0.949)	340661	120.000	100
	38 Dimethylphthalate	163	8.674	8.646	(0.968)	1359034	120.000	120(A)
	114 Coumarin	146	8.733	8.706	(1.222)	374178	120.000	130(A)
	40 2,6-Dinitrotoluene	165	8.773	8.746	(0.979)	287037	120.000	120
	39 Acenaphthylene	152	8.820	8.799	(0.984)	1581956	120.000	130(A)
	41 3-Nitroaniline	138	8.933	8.899	(0.997)	271543	120.000	110
*	82 Acenaphthene-d10	164	8.959	8.952	(1.000)	344345	40.0000	
	42 Acenaphthene	154	9.006	8.985	(1.005)	1145618	120.000	120
	11 2,4-Dinitrophenol	184	9.026	8.999	(1.007)	212439	120.000	120(A)
	12 4-Nitrophenol	65	9.052	9.018	(1.010)	289306	120.000	100
	43 Dibenzofuran	168	9.159	9.138	(1.022)	1642529	120.000	130(A)
	44 2,4-Dinitrotoluene	165	9.172	9.145	(1.024)	471956	120.000	120
	45 Diethylphthalate	149	9.371	9.344	(1.046)	1522832	120.000	120
	46 4-Chlorophenyl-phenylether	204	9.464	9.450	(1.056)	692595	120.000	130(A)
	47 Fluorene	166	9.511	9.490	(1.062)	1330713	120.000	130(A)
	48 4-Nitroaniline	138	9.591	9.530	(1.070)	286734	120.000	110
	13 4,6-Dinitro-2-methylphenol	198	9.604	9.563	(0.918)	377868	120.000	160(A)

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5793.d
Report Date: 10-Aug-2008 18:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
49	N-Nitrosodiphenylamine	169	9.611	9.577	(0.919)	1007676	120.000	180(A)
75	1,2-Diphenylhydrazine	77	9.631	9.617	(0.921)	1601045	120.000	140(A)
$ 18	2,4,6-Tribromophenol (SUR)	330	9.777	9.756	(1.091)	262160	120.000	120(A)
50	4-Bromophenyl-phenylether	248	9.963	9.949	(0.952)	404571	120.000	140(A)
112	Atrazine	200	10.129	10.102	(0.968)	329397	120.000	140(A)
51	Hexachlorobenzene	284	10.149	10.135	(0.970)	464393	120.000	140(A)
14	Pentachlorophenol	266	10.315	10.301	(0.986)	334423	120.000	140(A)
* 83	Phenanthrene-d10	188	10.461	10.454	(1.000)	432774	40.0000	
52	Phenanthrene	178	10.495	10.474	(1.003)	1964982	120.000	150(A)
53	Anthracene	178	10.541	10.521	(1.008)	1975318	120.000	180(A)
54	Carbazole	167	10.681	10.667	(1.021)	1645001	120.000	150(A)
55	Di-n-butylphthalate	149	10.967	10.959	(1.048)	2818892	120.000	140(A)
56	Fluoranthene	202	11.704	11.684	(1.119)	2191764	120.000	140(A)
58	Benzidine	184	11.784	11.770	(1.126)	207641	120.000	71
57	Pyrene	202	11.944	11.930	(0.896)	2278853	120.000	140(A)
$ 78	Terphenyl-d14	244	12.030	12.016	(0.903)	1697180	120.000	140(A)
59	Butylbenzylphthalate	149	12.528	12.514	(0.940)	1317806	120.000	140(A)
118	Carbamazepine	193	12.788	12.754	(0.960)	883382	120.000	140(A)
63	bis(2-Ethylhexyl)phthalate	149	13.160	13.146	(0.988)	1884336	120.000	140(A)
60	3,3'-Dichlorobenzidine	252	13.240	13.212	(0.994)	589327	120.000	120(A)
61	Benzo(a)anthracene	228	13.299	13.272	(0.998)	1974737	120.000	140(A)
* 81	Chrysene-d12	240	13.326	13.305	(1.000)	524130	40.0000	
62	Chrysene	228	13.366	13.339	(1.003)	1939629	120.000	140(A)
117	o-Tricresylphosphate	165	13.559	13.545	(1.017)	603299	120.000	140(A)
64	Di-n-octylphthalate	149	13.937	13.917	(0.909)	3205195	120.000	150(A)
65	Benzo(b)fluoranthene	252	14.788	14.734	(0.964)	2737744	120.000	170(A)
66	Benzo(k)fluoranthene	252	14.815	14.768	(0.966)	1689391	120.000	120(AH)
67	Benzo(a)pyrene	252	15.273	15.219	(0.996)	1777845	120.000	130(A)
* 84	Perylene-d12	264	15.340	15.319	(1.000)	435603	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	17.294	17.180	(1.127)	1920153	120.000	140(A)
69	Dibenz(a,h)anthracene	278	17.261	17.174	(1.125)	1620832	120.000	130(A)
70	Benzo(g,h,i)perylene	276	17.852	17.758	(1.164)	1462747	120.000	130(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b/aa5793.d
Date : 10-AUG-2008 17:10
Client ID:
Sample Info: AASTD120
Volume Injected (uL): 1.0
Column phase: DB-5

Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/10/08 Time: 1646

Lab File ID: AA5792 Init. Calib. Date(s): 08/10/08 08/10/08

Init. Calib. Times: 1646 1822

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
Phenol	1.7780000	1.7354693		2.39	25.00	AVRG
2-Chlorophenol	1.3600000	1.3442622		1.16	25.00	AVRG
2-Methylphenol	1.3220000	1.3082342		1.04	25.00	AVRG
4-Methylphenol	1.3910000	1.3682575		1.63	25.00	AVRG
2-Nitrophenol	0.2250000	0.2064751		8.23	25.00	AVRG
2,4-Dimethylphenol	0.3340000	0.3164068		5.27	25.00	AVRG
2,4-Dichlorophenol	0.3130000	0.3021757		3.46	25.00	AVRG
4-Chloro-3-methylphenol	0.3550000	0.3730510		-5.08	25.00	AVRG
2,4,6-Trichlorophenol	0.3400000	0.3557346		-4.63	25.00	AVRG
2,4,5-Trichlorophenol	0.3750000	0.3619026		3.49	25.00	AVRG
2,4-Dinitrophenol	0.1970000	0.2015058	0.05	-2.29	25.00	AVRG
4-Nitrophenol	0.3210000	0.3149568	0.05	1.88	25.00	AVRG
4,6-Dinitro-2-methylphenol	0.2110000	0.1856821		12.00	25.00	AVRG
Pentachlorophenol	0.2170000	0.2064319		4.87	25.00	AVRG
N-Nitrosodimethylamine	0.8180000	0.8166530		0.16	25.00	AVRG
bis(2-Chloroethyl)ether	1.5520000	1.4081200		9.27	25.00	AVRG
1,3-Dichlorobenzene	1.6140000	1.5834442		1.89	25.00	AVRG
1,4-Dichlorobenzene	1.6780000	1.5964999		4.86	25.00	AVRG
1,2-Dichlorobenzene	1.5910000	1.5309182		3.78	25.00	AVRG
bis(2-chloroisopropyl)ether	2.7140000	2.7168973		-0.11	25.00	AVRG
N-Nitroso-di-n-propylamine	1.2300000	1.1976991	0.05	2.63	25.00	AVRG
Hexachloroethane	0.7830000	0.7964959		-1.72	25.00	AVRG
Nitrobenzene	0.6130000	0.5769217		5.88	25.00	AVRG
Isophorone	0.8370000	0.8003327		4.38	25.00	AVRG
bis(2-Chloroethoxy)methane	0.4160000	0.4009988		3.61	25.00	AVRG
1,2,4-Trichlorobenzene	0.3580000	0.3559463		0.57	25.00	AVRG
Naphthalene	0.9900000	0.9426022		4.79	25.00	AVRG
4-Chloroaniline	0.4190000	0.3898316		6.96	25.00	AVRG
Hexachlorobutadiene	0.2650000	0.2629659		0.77	25.00	AVRG
2-Methylnaphthalene	0.7470000	0.7031551		5.87	25.00	AVRG
Hexachlorocyclopentadiene	0.3120000	0.3198544	0.05	-2.52	25.00	AVRG
2-Chloronaphthalene	0.9220000	0.9284152		-0.70	25.00	AVRG
2-Nitroaniline	0.3840000	0.3791975		1.25	25.00	AVRG
Dimethylphthalate	1.2670000	1.2640819		0.23	25.00	AVRG
Acenaphthylene	1.4290000	1.3845596		3.11	25.00	AVRG
2,6-Dinitrotoluene	0.2870000	0.2936288		-2.31	25.00	AVRG
3-Nitroaniline	0.2890000	0.2917297		-0.94	25.00	AVRG
Acenaphthene	1.1350000	1.0833981		4.55	25.00	AVRG
Dibenzofuran	1.4920000	1.5150302		-1.54	25.00	AVRG
2,4-Dinitrotoluene	0.4660000	0.4803654		-3.08	25.00	AVRG
Diethylphthalate	1.4750000	1.5107405		-2.42	25.00	AVRG
4-Chlorophenyl-phenylether	0.6130000	0.6296002		-2.71	25.00	AVRG

FORM VII SV-1

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/10/08 Time: 1646

Lab File ID: AA5792 Init. Calib. Date(s): 08/10/08 08/10/08

Init. Calib. Times: 1646 1822

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Fluorene	1.2100000	1.2440674		-2.82	25.00	AVRG	
4-Nitroaniline	0.2900000	0.2750621		5.15	25.00	AVRG	
N-Nitrosodiphenylamine	0.6060000	0.5520963		8.90	25.00	AVRG	
4-Bromophenyl-phenylether	0.2570000	0.2499967		2.72	25.00	AVRG	
Hexachlorobenzene	0.2910000	0.2925218		-0.52	25.00	AVRG	
Phenanthrene	1.2330000	1.2164744		1.34	25.00	AVRG	
Anthracene	1.2230000	1.1809827		3.44	25.00	AVRG	
Carbazole	1.0330000	0.9213272		10.81	25.00	AVRG	
Di-n-butylphthalate	1.8020000	1.7741446		1.54	25.00	AVRG	
Fluoranthene	1.4000000	1.3907547		0.66	25.00	AVRG	
Pyrene	1.2060000	1.1493670		4.70	25.00	AVRG	
Benzidine	0.2690000	0.2564982		4.65	25.00	AVRG	
Butylbenzylphthalate	0.7240000	0.6961164		3.85	25.00	AVRG	
3,3'-Dichlorobenzidine	0.3720000	0.3594469		3.37	25.00	AVRG	
Benzo(a)anthracene	1.1140000	1.0543769		5.35	25.00	AVRG	
Chrysene	1.0820000	1.0538473		2.60	25.00	AVRG	
bis(2-Ethylhexyl)phthalate	1.0260000	0.9778181		4.70	25.00	AVRG	
Di-n-octylphthalate	2.0070000	1.9200116		4.33	25.00	AVRG	
Benzo(b)fluoranthene	1.4610000	1.3668616		6.44	25.00	AVRG	
Benzo(k)fluoranthene	1.2570000	1.1978754		4.70	25.00	AVRG	
Benzo(a)pyrene	1.1490000	1.1354848		1.18	25.00	AVRG	
Indeno(1,2,3-cd)pyrene	1.2820000	1.3028994		-1.63	25.00	AVRG	
Dibenz(a,h)anthracene	1.0740000	1.1111703		-3.46	25.00	AVRG	
Benzo(g,h,i)perylene	1.0640000	1.0663856		-0.22	25.00	AVRG	
Pyridine	1.2790000	1.2690057		0.78	25.00	AVRG	
Aniline	1.8700000	1.7541497		6.20	25.00	AVRG	
Benzyl Alcohol	0.9700000	0.9704568		-0.05	25.00	AVRG	
1,2-Diphenylhydrazine	1.0950000	1.0299282		5.94	25.00	AVRG	
Diphenyl	1.2320000	1.2545138		-1.83	25.00	AVRG	
Diphenyl Ether	0.6690000	0.6642991		0.70	25.00	AVRG	
Acetophenone	2.0580000	2.0467940	0.01	0.54	25.00	AVRG	
1,4-Dioxane	0.4300000	0.4443081	0.01	-3.33	25.00	AVRG	
N,N-Dimethylaniline	2.1930000	2.0726263	0.01	5.49	25.00	AVRG	
2,3,7,8-TCDD (Screen)	0.1820000	0.1819877	0.01	0.01	25.00	AVRG	
Benzaldehyde	0.7320000	0.9438285		-28.94	25.00	AVRG	<-
Caprolactam	0.1130000	0.1217762		-7.77	25.00	AVRG	
Atrazine	0.2240000	0.2084990		6.92	25.00	AVRG	
n-decane	1.9090000	1.7488597		8.39	25.00	AVRG	
Coumarin	0.2970000	0.2732084		8.01	25.00	AVRG	
o-Tricresylphosphate	0.3240000	0.2975903		8.15	25.00	AVRG	
Carbamazepine	0.4910000	0.4258147		13.28	25.00	AVRG	
1-Methylnaphthalene	0.7860000	0.6907862		12.11	25.00	AVRG	

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/10/08 Time: 1646

Lab File ID: AA5792 Init. Calib. Date(s): 08/10/08 08/10/08

Init. Calib. Times: 1646 1822

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
2-Fluorophenol (SUR)	1.2550000	1.1882592		5.32	25.00	AVRG
Phenol-d5 (SUR)	1.7000000	1.6393979		3.56	25.00	AVRG
2,4,6-Tribromophenol (SUR)	0.2420000	0.2462155		-1.74	25.00	AVRG
Nitrobenzene-d5 (SUR)	0.4710000	0.4517484		4.09	25.00	AVRG
2-Fluorobiphenyl (SUR)	1.1140000	1.1016813		1.10	25.00	AVRG
Terphenyl-d14	0.9010000	0.9007406		0.03	25.00	AVRG

Average %D/%Drift test result.

Calculate Average %D/%Drift: 4.893833160
Maximum Average %D/%Drift: 20.00000000

Note: Passes Average %D/%Drift Test.

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/10/08 Time: 1953

Lab File ID: AA5800 Init. Calib. Date(s): 08/10/08 08/10/08

Init. Calib. Times: 1646 1822

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
Phenol	1.7780000	1.8294846		-2.90	25.00	AVRG
2-Chlorophenol	1.3600000	1.3461898		1.02	25.00	AVRG
2-Methylphenol	1.3220000	1.3265514		-0.34	25.00	AVRG
4-Methylphenol	1.3910000	1.3683474		1.63	25.00	AVRG
2-Nitrophenol	0.2250000	0.2095524		6.86	25.00	AVRG
2,4-Dimethylphenol	0.3340000	0.3222626		3.51	25.00	AVRG
2,4-Dichlorophenol	0.3130000	0.3025488		3.34	25.00	AVRG
4-Chloro-3-methylphenol	0.3550000	0.3714955		-4.65	25.00	AVRG
2,4,6-Trichlorophenol	0.3400000	0.3468102		-2.00	25.00	AVRG
2,4,5-Trichlorophenol	0.3750000	0.3613995		3.63	25.00	AVRG
2,4-Dinitrophenol	0.1970000	0.2033975	0.05	-3.25	25.00	AVRG
4-Nitrophenol	0.3210000	0.3329837	0.05	-3.73	25.00	AVRG
4,6-Dinitro-2-methylphenol	0.2110000	0.1869246		11.41	25.00	AVRG
Pentachlorophenol	0.2170000	0.1996537		7.99	25.00	AVRG
N-Nitrosodimethylamine	0.8180000	0.8422476		-2.96	25.00	AVRG
bis(2-Chloroethyl)ether	1.5520000	1.4951947		3.66	25.00	AVRG
1,3-Dichlorobenzene	1.6140000	1.5941200		1.23	25.00	AVRG
1,4-Dichlorobenzene	1.6780000	1.6223334		3.32	25.00	AVRG
1,2-Dichlorobenzene	1.5910000	1.5939176		-0.18	25.00	AVRG
bis(2-chloroisopropyl)ether	2.7140000	2.8238353		-4.05	25.00	AVRG
N-Nitroso-di-n-propylamine	1.2300000	1.2374524	0.05	-0.60	25.00	AVRG
Hexachloroethane	0.7830000	0.7920041		-1.15	25.00	AVRG
Nitrobenzene	0.6130000	0.5943729		3.04	25.00	AVRG
Isophorone	0.8370000	0.8202582		2.00	25.00	AVRG
bis(2-Chloroethoxy)methane	0.4160000	0.3977631		4.38	25.00	AVRG
1,2,4-Trichlorobenzene	0.3580000	0.3491706		2.47	25.00	AVRG
Naphthalene	0.9900000	0.9495122		4.09	25.00	AVRG
4-Chloroaniline	0.4190000	0.3972812		5.18	25.00	AVRG
Hexachlorobutadiene	0.2650000	0.2626161		0.90	25.00	AVRG
2-Methylnaphthalene	0.7470000	0.6799596		8.97	25.00	AVRG
Hexachlorocyclopentadiene	0.3120000	0.2754033	0.05	11.73	25.00	AVRG
2-Chloronaphthalene	0.9220000	0.9331456		-1.21	25.00	AVRG
2-Nitroaniline	0.3840000	0.3974010		-3.49	25.00	AVRG
Dimethylphthalate	1.2670000	1.2416788		2.00	25.00	AVRG
Acenaphthylene	1.4290000	1.3759750		3.71	25.00	AVRG
2,6-Dinitrotoluene	0.2870000	0.2897163		-0.95	25.00	AVRG
3-Nitroaniline	0.2890000	0.2928317		-1.32	25.00	AVRG
Acenaphthene	1.1350000	1.1118017		2.04	25.00	AVRG
Dibenzofuran	1.4920000	1.5151371		-1.55	25.00	AVRG
2,4-Dinitrotoluene	0.4660000	0.4696648		-0.79	25.00	AVRG
Diethylphthalate	1.4750000	1.4656889		0.63	25.00	AVRG
4-Chlorophenyl-phenylether	0.6130000	0.6114453		0.25	25.00	AVRG

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/10/08 Time: 1953

Lab File ID: AA5800 Init. Calib. Date(s): 08/10/08 08/10/08

Init. Calib. Times: 1646 1822

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Fluorene	1.2100000	1.1864329		1.95	25.00	AVRG	
4-Nitroaniline	0.2900000	0.2857391		1.47	25.00	AVRG	
N-Nitrosodiphenylamine	0.6060000	0.5564124		8.18	25.00	AVRG	
4-Bromophenyl-phenylether	0.2570000	0.2451593		4.61	25.00	AVRG	
Hexachlorobenzene	0.2910000	0.2884592		0.87	25.00	AVRG	
Phenanthrene	1.2330000	1.1747462		4.72	25.00	AVRG	
Anthracene	1.2230000	1.1758373		3.86	25.00	AVRG	
Carbazole	1.0330000	1.0040935		2.80	25.00	AVRG	
Di-n-butylphthalate	1.8020000	1.7435698		3.24	25.00	AVRG	
Fluoranthene	1.4000000	1.4093937		-0.67	25.00	AVRG	
Pyrene	1.2060000	1.1476807		4.84	25.00	AVRG	
Benzidine	0.2690000	0.2661704		1.05	25.00	AVRG	
Butylbenzylphthalate	0.7240000	0.6966702		3.77	25.00	AVRG	
3,3'-Dichlorobenzidine	0.3720000	0.3960277		-6.46	25.00	AVRG	
Benzo(a)anthracene	1.1140000	1.0744148		3.55	25.00	AVRG	
Chrysene	1.0820000	1.0531809		2.66	25.00	AVRG	
bis(2-Ethylhexyl)phthalate	1.0260000	1.0043097		2.11	25.00	AVRG	
Di-n-octylphthalate	2.0070000	1.9632787		2.18	25.00	AVRG	
Benzo(b)fluoranthene	1.4610000	1.2803981		12.36	25.00	AVRG	
Benzo(k)fluoranthene	1.2570000	1.3893880		-10.53	25.00	AVRG	
Benzo(a)pyrene	1.1490000	1.1340351		1.30	25.00	AVRG	
Indeno(1,2,3-cd)pyrene	1.2820000	1.3239193		-3.27	25.00	AVRG	
Dibenz(a,h)anthracene	1.0740000	1.1350419		-5.68	25.00	AVRG	
Benzo(g,h,i)perylene	1.0640000	1.0299629		3.20	25.00	AVRG	
Pyridine	1.2790000	1.3198806		-3.20	25.00	AVRG	
Aniline	1.8700000	1.7066181		8.74	25.00	AVRG	
Benzyl Alcohol	0.9700000	0.9529490		1.76	25.00	AVRG	
1,2-Diphenylhydrazine	1.0950000	1.0348299		5.49	25.00	AVRG	
Diphenyl	1.2320000	1.2704415		-3.12	25.00	AVRG	
Diphenyl Ether	0.6690000	0.6622031		1.02	25.00	AVRG	
Acetophenone	2.0580000	2.1036572	0.01	-2.22	25.00	AVRG	
1,4-Dioxane	0.4300000	0.4608759	0.01	-7.18	25.00	AVRG	
N,N-Dimethylaniline	2.1930000	2.0967355	0.01	4.39	25.00	AVRG	
2,3,7,8-TCDD (Screen)	0.1820000	0.1738093	0.01	4.50	25.00	AVRG	
Benzaldehyde	0.7320000	1.0052897		-37.33	25.00	AVRG	<-
Caprolactam	0.1130000	0.1169493		-3.49	25.00	AVRG	
Atrazine	0.2240000	0.2015007		10.04	25.00	AVRG	
n-decane	1.9090000	1.8495007		3.12	25.00	AVRG	
Coumarin	0.2970000	0.2589335		12.82	25.00	AVRG	
o-Tricresylphosphate	0.3240000	0.3005682		7.23	25.00	AVRG	
Carbamazepine	0.4910000	0.4717265		3.92	25.00	AVRG	
1-Methylnaphthalene	0.7860000	0.7014965		10.75	25.00	AVRG	

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/10/08 Time: 1953

Lab File ID: AA5800 Init. Calib. Date(s): 08/10/08 08/10/08

Init. Calib. Times: 1646 1822

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
2-Fluorophenol (SUR)	1.2550000	1.2341237		1.66	25.00	AVRG
Phenol-d5 (SUR)	1.7000000	1.7298590		-1.76	25.00	AVRG
2,4,6-Tribromophenol (SUR)	0.2420000	0.2415715		0.18	25.00	AVRG
Nitrobenzene-d5 (SUR)	0.4710000	0.4656318		1.14	25.00	AVRG
2-Fluorobiphenyl (SUR)	1.1140000	1.0952714		1.68	25.00	AVRG
Terphenyl-d14	0.9010000	0.8908791		1.12	25.00	AVRG

Average %D/%Drift test result.

Calculate Average %D/%Drift: 4.090989113
Maximum Average %D/%Drift: 20.00000000

Note: Passes Average %D/%Drift Test.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5800.d
Report Date: 10-Aug-2008 20:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5800.d
Lab Smp Id: AASTD223
Inj Date : 10-AUG-2008 19:53
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD223
Misc Info : 50 ng/uL BNA Std Lot 4268
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	2.908	2.908	(0.501)	59898	50.0000	54
	19 N-Nitrosodimethylamine	74	3.227	3.227	(0.556)	109464	50.0000	52
	71 Pyridine	79	3.241	3.241	(0.559)	171541	50.0000	52
$	16 2-Fluorophenol (SUR)	112	4.483	4.483	(0.773)	160396	50.0000	49
	110 Benzaldehyde	77	5.361	5.361	(0.924)	130655	50.0000	69
$	17 Phenol-d5 (SUR)	99	5.401	5.401	(0.931)	224825	50.0000	51
	1 Phenol	94	5.414	5.414	(0.934)	237773	50.0000	51
	73 Aniline	93	5.494	5.494	(0.947)	221805	50.0000	46
	20 bis(2-Chloroethyl)ether	93	5.520	5.520	(0.952)	194326	50.0000	48
	113 n-decane	43	5.573	5.573	(0.961)	240375	50.0000	48
	2 2-Chlorophenol	128	5.613	5.613	(0.968)	174961	50.0000	49
	21 1,3-Dichlorobenzene	146	5.766	5.766	(0.994)	207184	50.0000	49
*	79 1,4-Dichlorobenzene-d4	152	5.799	5.799	(1.000)	103974	40.0000	
	22 1,4-Dichlorobenzene	146	5.819	5.819	(1.003)	210850	50.0000	48
	74 Benzyl Alcohol	108	5.939	5.939	(1.024)	123852	50.0000	49
	23 1,2-Dichlorobenzene	146	6.019	6.019	(1.038)	207157	50.0000	50

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5800.d
Report Date: 10-Aug-2008 20:14

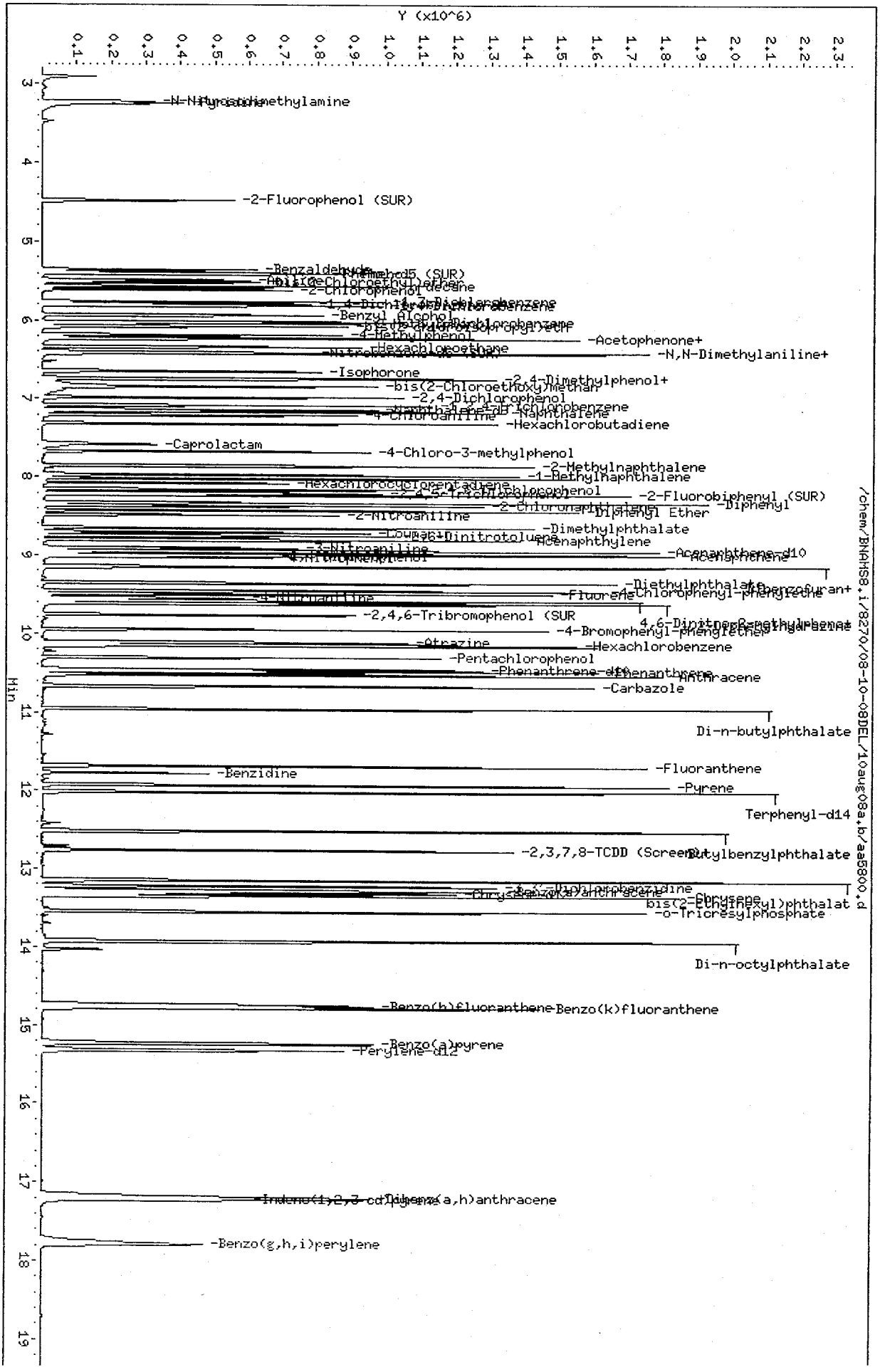
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	3 2-Methylphenol	108	6.039	6.039	(1.041)	172408	50.0000	50
	24 bis(2-chloroisopropyl)ether	45	6.079	6.079	(1.048)	367007	50.0000	52
	4 4-Methylphenol	108	6.192	6.192	(1.068)	177840	50.0000	49
	104 Acetophenone	105	6.231	6.231	(1.074)	273407	50.0000	51
	25 N-Nitroso-di-n-propylamine	70	6.238	6.238	(1.076)	160828	50.0000	50
	26 Hexachloroethane	117	6.338	6.338	(1.093)	102934	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	6.404	6.404	(0.898)	251746	50.0000	49
	107 N,N-Dimethylaniline	120	6.418	6.418	(1.107)	272507	50.0000	48
	27 Nitrobenzene	77	6.424	6.424	(0.900)	321351	50.0000	48
	28 Isophorone	82	6.650	6.650	(0.932)	443477	50.0000	49
	6 2,4-Dimethylphenol	122	6.743	6.743	(0.945)	174233	50.0000	48
	5 2-Nitrophenol	139	6.750	6.750	(0.946)	113295	50.0000	47
	29 bis(2-Chloroethoxy)methane	93	6.843	6.843	(0.959)	215053	50.0000	48
	7 2,4-Dichlorophenol	162	6.982	6.982	(0.979)	163574	50.0000	48
	30 1,2,4-Trichlorobenzene	180	7.082	7.082	(0.993)	188781	50.0000	49
*	80 Naphthalene-d8	136	7.135	7.135	(1.000)	432524	40.0000	
	31 Naphthalene	128	7.162	7.162	(1.004)	513359	50.0000	48
	32 4-Chloroaniline	127	7.208	7.208	(1.010)	214792	50.0000	47
	33 Hexachlorobutadiene	225	7.315	7.315	(1.025)	141984	50.0000	49
	111 Caprolactam	113	7.587	7.587	(1.063)	63229	50.0000	52
	8 4-Chloro-3-methylphenol	107	7.674	7.674	(1.075)	200851	50.0000	52
	34 2-Methylnaphthalene	142	7.860	7.860	(1.102)	367624	50.0000	45
	120 1-Methylnaphthalene	142	7.979	7.979	(1.118)	379268	50.0000	45(A)
	35 Hexachlorocyclopentadiene	237	8.079	8.079	(0.902)	106922	50.0000	44
	9 2,4,6-Trichlorophenol	196	8.159	8.159	(0.911)	134645	50.0000	51
	10 2,4,5-Trichlorophenol	196	8.212	8.212	(0.917)	140309	50.0000	48
$	77 2-Fluorobiphenyl (SUR)	172	8.232	8.232	(0.919)	425227	50.0000	49
	102 Diphenyl	154	8.332	8.332	(0.930)	493235	50.0000	52
	36 2-Chloronaphthalene	162	8.372	8.372	(0.935)	362283	50.0000	51
	103 Diphenyl Ether	170	8.431	8.431	(0.941)	257093	50.0000	50
	37 2-Nitroaniline	65	8.491	8.491	(0.948)	154286	50.0000	52
	38 Dimethylphthalate	163	8.657	8.657	(0.967)	482068	50.0000	49
	114 Coumarin	146	8.717	8.717	(1.222)	139993	50.0000	44
	40 2,6-Dinitrotoluene	165	8.757	8.757	(0.978)	112479	50.0000	50
	39 Acenaphthylene	152	8.810	8.810	(0.984)	534207	50.0000	48
	41 3-Nitroaniline	138	8.910	8.910	(0.995)	113688	50.0000	51
*	82 Acenaphthene-d10	164	8.956	8.956	(1.000)	310591	40.0000	
	42 Acenaphthene	154	8.996	8.996	(1.004)	431645	50.0000	49
	11 2,4-Dinitrophenol	184	9.010	9.010	(1.006)	78966	50.0000	52
	12 4-Nitrophenol	65	9.030	9.030	(1.008)	129277	50.0000	52
	43 Dibenzofuran	168	9.149	9.149	(1.022)	588236	50.0000	51
	44 2,4-Dinitrotoluene	165	9.156	9.156	(1.022)	182342	50.0000	50
	45 Diethylphthalate	149	9.355	9.355	(1.045)	569038	50.0000	50
	46 4-Chlorophenyl-phenylether	204	9.455	9.455	(1.056)	237387	50.0000	50
	47 Fluorene	166	9.501	9.501	(1.061)	460620	50.0000	49
	48 4-Nitroaniline	138	9.555	9.555	(1.067)	110935	50.0000	49
	13 4,6-Dinitro-2-methylphenol	198	9.581	9.581	(0.916)	111164	50.0000	44

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5800.d
Report Date: 10-Aug-2008 20:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
49	N-Nitrosodiphenylamine	169	9.588	9.588	(0.917)	330900	50.0000	46
75	1,2-Diphenylhydrazine	77	9.621	9.621	(0.920)	615416	50.0000	47
$ 18	2,4,6-Tribromophenol (SUR)	330	9.767	9.767	(1.091)	93787	50.0000	50
50	4-Bromophenyl-phenylether	248	9.953	9.953	(0.952)	145797	50.0000	48
112	Atrazine	200	10.113	10.113	(0.967)	119833	50.0000	45
51	Hexachlorobenzene	284	10.139	10.139	(0.969)	171547	50.0000	49
14	Pentachlorophenol	266	10.312	10.312	(0.986)	118734	50.0000	46
* 83	Phenanthrene-d10	188	10.459	10.459	(1.000)	475762	40.0000	
52	Phenanthrene	178	10.485	10.485	(1.003)	698625	50.0000	48
53	Anthracene	178	10.525	10.525	(1.006)	699274	50.0000	48
54	Carbazole	167	10.671	10.671	(1.020)	597137	50.0000	48
55	Di-n-butylphthalate	149	10.964	10.964	(1.048)	1036906	50.0000	48
56	Fluoranthene	202	11.695	11.695	(1.118)	838171	50.0000	50
58	Benzidine	184	11.774	11.774	(1.126)	158292	50.0000	50
57	Pyrene	202	11.934	11.934	(0.897)	826494	50.0000	48
$ 78	Terphenyl-d14	244	12.020	12.020	(0.903)	641560	50.0000	49
59	Butylbenzylphthalate	149	12.519	12.519	(0.941)	501702	50.0000	48
109	2,3,7,8-TCDD (Screen)	320	12.758	12.758	(0.959)	1251	0.50000	0.48 (a)
118	Carbamazepine	193	12.765	12.765	(0.959)	339710	50.0000	48 (A)
63	bis(2-Ethylhexyl)phthalate	149	13.150	13.150	(0.988)	723247	50.0000	49
60	3,3'-Dichlorobenzidine	252	13.223	13.223	(0.994)	285196	50.0000	53
61	Benzo(a)anthracene	228	13.283	13.283	(0.998)	773732	50.0000	48
* 81	Chrysene-d12	240	13.310	13.310	(1.000)	576114	40.0000	
62	Chrysene	228	13.350	13.350	(1.003)	758441	50.0000	49
117	o-Tricresylphosphate	165	13.549	13.549	(1.018)	216452	50.0000	46 (A)
64	Di-n-octylphthalate	149	13.928	13.928	(0.909)	1218773	50.0000	49
65	Benzo(b)fluoranthene	252	14.752	14.752	(0.963)	794851	50.0000	44
66	Benzo(k)fluoranthene	252	14.785	14.785	(0.965)	862510	50.0000	55
67	Benzo(a)pyrene	252	15.244	15.244	(0.995)	703991	50.0000	49
* 84	Perylene-d12	264	15.324	15.324	(1.000)	496627	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	17.231	17.231	(1.124)	821868	50.0000	52
69	Dibenz(a,h)anthracene	278	17.211	17.211	(1.123)	704616	50.0000	53
70	Benzo(g,h,i)perylene	276	17.796	17.796	(1.161)	639385	50.0000	48

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.


Y (x10^6)
Min
/chem/BNAHS8.i/8270/08-10-08DEL/10aug08a.b/aa5800.d
Data File: /chem/BNAHS8.i/8270/08-10-08DEL/10aug08a.b/aa5800.d
Date : 10-AUG-2008 19:53
Client ID:
Sample Info: AASTD223
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAHS8.i
Operator: BNAHS 4
Column diameter: 0.25
-N-Nitrosodimethylamine
-2-Fluorophenol (SUR)
-Benzaldehyde
-Phenol-d5 (SUR)
-Aniline
-bis(2-Chloroethyl)ether
-2-Chlorophenol
-Benzyl Alcohol
-4-Methylphenol
-Acetophenone+
-Hexachloroethane
-N,N-Dimethylaniline+
-Isophorone
-2,4-Dimethylphenol+
-bis(2-Chloroethoxy)methan
-2,4-Dichlorophenol
-Naphthalene
-4-Chloroaniline
-Hexachlorobutadiene
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-1-Methylnaphthalene
-Hexachlorocyclopentadiene
-2-Fluorobiphenyl (SUR)
-Diphenyl
-2-Nitroaniline
-Diphenyl Ether
-Dimethylphthalate
-Acenaphthylene
-Acenaphthene-d10
-Acenaphthene
-Diethylphthalate
-Fluorene
-4-Chlorophenyl-phenylether
-2,4,6-Tribromophenol (SUR
-4-Bromophenyl-phenylether
-Atrazine
-Hexachlorobenzene
-Pentachlorophenol
-Phenanthrene-d10
-Phenanthrene
-Anthracene
-Carbazole
Di-n-butylphthalate
-Benzidine
-Fluoranthene
-Pyrene
Terphenyl-d14
-2,3,7,8-TCDD (Screen)
Butylbenzylphthalate
-Chrysene-d12
-Chrysene
bis(2-Ethylhexyl)phthalat
-o-Tricresylphosphate
Di-n-octylphthalate
-Benzo(b)fluoranthene
Benzo(k)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Indeno(1,2,3-cd)pyrene
-Dibenz(a,h)anthracene
-Benzo(g,h,i)perylene

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/11/08 Time: 0417

Lab File ID: AA5821 Init. Calib. Date(s): 08/10/08 08/10/08

Init. Calib. Times: 1646 1822

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
Phenol	1.7780000	1.7471956		1.73	25.00	AVRG
2-Chlorophenol	1.3600000	1.3210537		2.86	25.00	AVRG
2-Methylphenol	1.3220000	1.2835688		2.91	25.00	AVRG
4-Methylphenol	1.3910000	1.3817310		0.67	25.00	AVRG
2-Nitrophenol	0.2250000	0.2084789		7.34	25.00	AVRG
2,4-Dimethylphenol	0.3340000	0.3126988		6.38	25.00	AVRG
2,4-Dichlorophenol	0.3130000	0.3128390		0.05	25.00	AVRG
4-Chloro-3-methylphenol	0.3550000	0.3674633		-3.51	25.00	AVRG
2,4,6-Trichlorophenol	0.3400000	0.3384463		0.46	25.00	AVRG
2,4,5-Trichlorophenol	0.3750000	0.3695983		1.44	25.00	AVRG
2,4-Dinitrophenol	0.1970000	0.1866287	0.05	5.26	25.00	AVRG
4-Nitrophenol	0.3210000	0.3115957	0.05	2.93	25.00	AVRG
4,6-Dinitro-2-methylphenol	0.2110000	0.1820580		13.72	25.00	AVRG
Pentachlorophenol	0.2170000	0.1922120		11.42	25.00	AVRG
N-Nitrosodimethylamine	0.8180000	0.8112136		0.83	25.00	AVRG
bis(2-Chloroethyl)ether	1.5520000	1.3887268		10.52	25.00	AVRG
1,3-Dichlorobenzene	1.6140000	1.5490052		4.03	25.00	AVRG
1,4-Dichlorobenzene	1.6780000	1.6451380		1.96	25.00	AVRG
1,2-Dichlorobenzene	1.5910000	1.5536942		2.34	25.00	AVRG
bis(2-chloroisopropyl)ether	2.7140000	2.6265715		3.22	25.00	AVRG
N-Nitroso-di-n-propylamine	1.2300000	1.1991897	0.05	2.50	25.00	AVRG
Hexachloroethane	0.7830000	0.7670928		2.03	25.00	AVRG
Nitrobenzene	0.6130000	0.5791371		5.52	25.00	AVRG
Isophorone	0.8370000	0.7906987		5.53	25.00	AVRG
bis(2-Chloroethoxy)methane	0.4160000	0.3966996		4.64	25.00	AVRG
1,2,4-Trichlorobenzene	0.3580000	0.3515441		1.80	25.00	AVRG
Naphthalene	0.9900000	0.9516256		3.88	25.00	AVRG
4-Chloroaniline	0.4190000	0.3882083		7.35	25.00	AVRG
Hexachlorobutadiene	0.2650000	0.2654435		-0.17	25.00	AVRG
2-Methylnaphthalene	0.7470000	0.7285390		2.47	25.00	AVRG
Hexachlorocyclopentadiene	0.3120000	0.2542798	0.05	18.50	25.00	AVRG
2-Chloronaphthalene	0.9220000	0.9025938		2.10	25.00	AVRG
2-Nitroaniline	0.3840000	0.3627812		5.52	25.00	AVRG
Dimethylphthalate	1.2670000	1.2253354		3.29	25.00	AVRG
Acenaphthylene	1.4290000	1.3216157		7.51	25.00	AVRG
2,6-Dinitrotoluene	0.2870000	0.2862260		0.27	25.00	AVRG
3-Nitroaniline	0.2890000	0.2832778		1.98	25.00	AVRG
Acenaphthene	1.1350000	1.0793089		4.91	25.00	AVRG
Dibenzofuran	1.4920000	1.4926138		-0.04	25.00	AVRG
2,4-Dinitrotoluene	0.4660000	0.4655758		0.09	25.00	AVRG
Diethylphthalate	1.4750000	1.4557215		1.31	25.00	AVRG
4-Chlorophenyl-phenylether	0.6130000	0.6032257		1.59	25.00	AVRG

FORM VII SV-1

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/11/08 Time: 0417

Lab File ID: AA5821 Init. Calib. Date(s): 08/10/08 08/10/08

Init. Calib. Times: 1646 1822

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Fluorene	1.2100000	1.1890262		1.73	25.00	AVRG	
4-Nitroaniline	0.2900000	0.2758146		4.89	25.00	AVRG	
N-Nitrosodiphenylamine	0.6060000	0.5536545		8.64	25.00	AVRG	
4-Bromophenyl-phenylether	0.2570000	0.2460400		4.26	25.00	AVRG	
Hexachlorobenzene	0.2910000	0.2830443		2.73	25.00	AVRG	
Phenanthrene	1.2330000	1.1644491		5.56	25.00	AVRG	
Anthracene	1.2230000	1.1273090		7.82	25.00	AVRG	
Carbazole	1.0330000	1.0028817		2.92	25.00	AVRG	
Di-n-butylphthalate	1.8020000	1.7375304		3.58	25.00	AVRG	
Fluoranthene	1.4000000	1.3566859		3.09	25.00	AVRG	
Pyrene	1.2060000	1.1679018		3.16	25.00	AVRG	
Benzidine	0.2690000	0.2164371		19.54	25.00	AVRG	
Butylbenzylphthalate	0.7240000	0.6869532		5.12	25.00	AVRG	
3,3'-Dichlorobenzidine	0.3720000	0.3903283		-4.93	25.00	AVRG	
Benzo(a)anthracene	1.1140000	1.0535512		5.43	25.00	AVRG	
Chrysene	1.0820000	1.0456454		3.36	25.00	AVRG	
bis(2-Ethylhexyl)phthalate	1.0260000	0.9814997		4.34	25.00	AVRG	
Di-n-octylphthalate	2.0070000	1.9701954		1.83	25.00	AVRG	
Benzo(b)fluoranthene	1.4610000	1.3652093		6.56	25.00	AVRG	
Benzo(k)fluoranthene	1.2570000	1.3318746		-5.96	25.00	AVRG	
Benzo(a)pyrene	1.1490000	1.1414803		0.65	25.00	AVRG	
Indeno(1,2,3-cd)pyrene	1.2820000	1.2619248		1.56	25.00	AVRG	
Dibenz(a,h)anthracene	1.0740000	1.0815647		-0.70	25.00	AVRG	
Benzo(g,h,i)perylene	1.0640000	0.9776293		8.12	25.00	AVRG	
Pyridine	1.2790000	1.2731703		0.46	25.00	AVRG	
Aniline	1.8700000	1.6233975		13.19	25.00	AVRG	
Benzyl Alcohol	0.9700000	0.8931361		7.92	25.00	AVRG	
1,2-Diphenylhydrazine	1.0950000	0.9776793		10.71	25.00	AVRG	
Diphenyl	1.2320000	1.2481253		-1.31	25.00	AVRG	
Diphenyl Ether	0.6690000	0.6560279		1.94	25.00	AVRG	
Acetophenone	2.0580000	2.0768914	0.01	-0.92	25.00	AVRG	
1,4-Dioxane	0.4300000	0.4197473	0.01	2.38	25.00	AVRG	
N,N-Dimethylaniline	2.1930000	2.0596433	0.01	6.08	25.00	AVRG	
2,3,7,8-TCDD (Screen)	0.1820000	0.1680956	0.01	7.64	25.00	AVRG	
Benzaldehyde	0.7320000	0.9648104		-31.80	25.00	AVRG	<-
Caprolactam	0.1130000	0.1144976		-1.32	25.00	AVRG	
Atrazine	0.2240000	0.1831802		18.22	25.00	AVRG	
n-decane	1.9090000	1.7340941		9.16	25.00	AVRG	
Coumarin	0.2970000	0.2691623		9.37	25.00	AVRG	
o-Tricresylphosphate	0.3240000	0.2925513		9.71	25.00	AVRG	
Carbamazepine	0.4910000	0.4396342		10.46	25.00	AVRG	
1-Methylnaphthalene	0.7860000	0.7093412		9.75	25.00	AVRG	

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/11/08 Time: 0417

Lab File ID: AA5821 Init. Calib. Date(s): 08/10/08 08/10/08

Init. Calib. Times: 1646 1822

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
2-Fluorophenol (SUR)	1.2550000	1.1599533		7.57	25.00	AVRG
Phenol-d5 (SUR)	1.7000000	1.6591094		2.40	25.00	AVRG
2,4,6-Tribromophenol (SUR)	0.2420000	0.2364791		2.28	25.00	AVRG
Nitrobenzene-d5 (SUR)	0.4710000	0.4537389		3.66	25.00	AVRG
2-Fluorobiphenyl (SUR)	1.1140000	1.0683563		4.10	25.00	AVRG
Terphenyl-d14	0.9010000	0.8727585		3.13	25.00	AVRG

Average %D/%Drift test result.

Calculate Average %D/%Drift: 5.100881577
Maximum Average %D/%Drift: 20.00000000

Note: Passes Average %D/%Drift Test.

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08abr.b/aa5821.d
Report Date: 11-Aug-2008 13:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08abr.b/aa5821.d
Lab Smp Id: AASTD223br
Inj Date : 11-AUG-2008 04:17
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD223br
Misc Info :
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08abr.b/8270Cdel_08.m
Meth Date : 11-Aug-2008 13:03 czhao Quant Type: ISTD
Cal Date : 11-AUG-2008 04:17 Cal File: aa5821.d
Als bottle: 22 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	2.911	2.911	(0.502)	62850	50.0000	49
19	N-Nitrosodimethylamine	74	3.230	3.230	(0.557)	121465	50.0000	50
71	Pyridine	79	3.250	3.250	(0.560)	190635	50.0000	50
$ 16	2-Fluorophenol (SUR)	112	4.486	4.486	(0.773)	173683	50.0000	46
110	Benzaldehyde	77	5.364	5.364	(0.924)	144464	50.0000	66
$ 17	Phenol-d5 (SUR)	99	5.403	5.403	(0.931)	248423	50.0000	49
1	Phenol	94	5.417	5.417	(0.934)	261612	50.0000	49
73	Aniline	93	5.496	5.496	(0.947)	243076	50.0000	43
20	bis(2-Chloroethyl)ether	93	5.523	5.523	(0.952)	207938	50.0000	45
113	n-decane	43	5.570	5.570	(0.960)	259651	50.0000	45
2	2-Chlorophenol	128	5.616	5.616	(0.968)	197805	50.0000	48
21	1,3-Dichlorobenzene	146	5.769	5.769	(0.994)	231937	50.0000	48
* 79	1,4-Dichlorobenzene-d4	152	5.802	5.802	(1.000)	119786	40.0000	
22	1,4-Dichlorobenzene	146	5.815	5.815	(1.002)	246331	50.0000	49
74	Benzyl Alcohol	108	5.942	5.942	(1.024)	133732	50.0000	46
23	1,2-Dichlorobenzene	146	6.021	6.021	(1.038)	232639	50.0000	49

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08abr.b/aa5821.d
Report Date: 11-Aug-2008 13:04

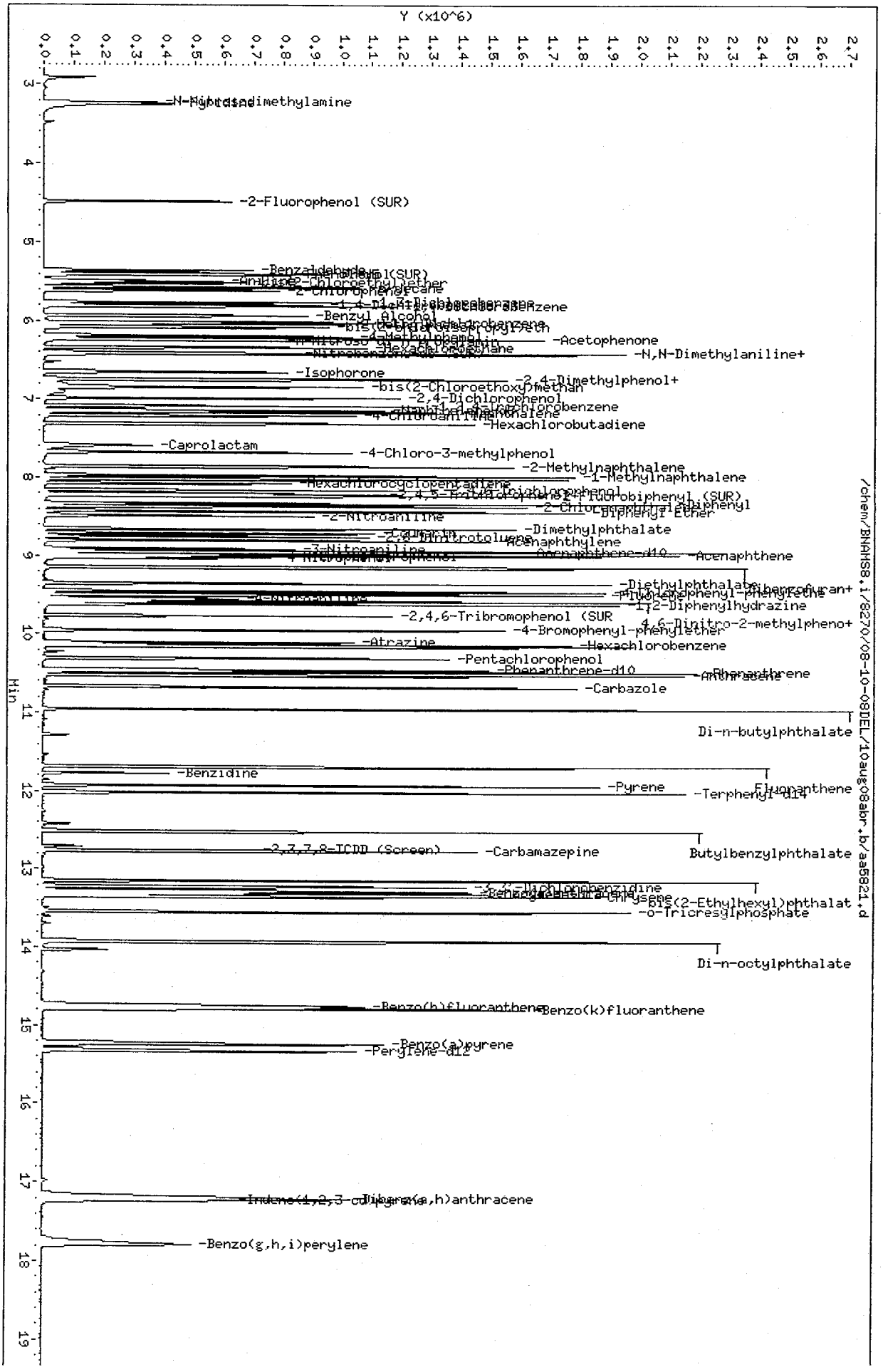
							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
3	2-Methylphenol	108	6.041	6.041	(1.041)	192192	50.0000	48
24	bis(2-chloroisopropyl)ether	45	6.081	6.081	(1.048)	393284	50.0000	48
4	4-Methylphenol	108	6.194	6.194	(1.068)	206890	50.0000	50
104	Acetophenone	105	6.234	6.234	(1.074)	310979	50.0000	50
25	N-Nitroso-di-n-propylamine	70	6.247	6.247	(1.077)	179558	50.0000	49
26	Hexachloroethane	117	6.341	6.341	(1.093)	114859	50.0000	49
$ 76	Nitrobenzene-d5 (SUR)	82	6.407	6.407	(0.898)	279019	50.0000	48
107	N,N-Dimethylaniline	120	6.420	6.420	(1.107)	308396	50.0000	47
27	Nitrobenzene	77	6.427	6.427	(0.900)	356131	50.0000	47
28	Isophorone	82	6.653	6.653	(0.932)	486227	50.0000	47
6	2,4-Dimethylphenol	122	6.746	6.746	(0.945)	192289	50.0000	47
5	2-Nitrophenol	139	6.753	6.753	(0.946)	128200	50.0000	46
29	bis(2-Chloroethoxy)methane	93	6.846	6.846	(0.959)	243944	50.0000	48
7	2,4-Dichlorophenol	162	6.985	6.985	(0.979)	192375	50.0000	50
30	1,2,4-Trichlorobenzene	180	7.085	7.085	(0.993)	216176	50.0000	49
* 80	Naphthalene-d8	136	7.138	7.138	(1.000)	491947	40.0000	
31	Naphthalene	128	7.165	7.165	(1.004)	585187	50.0000	48
32	4-Chloroaniline	127	7.211	7.211	(1.010)	238722	50.0000	46
33	Hexachlorobutadiene	225	7.318	7.318	(1.025)	163230	50.0000	50
111	Caprolactam	113	7.597	7.597	(1.064)	70408	50.0000	51
8	4-Chloro-3-methylphenol	107	7.676	7.676	(1.075)	225965	50.0000	52
34	2-Methylnaphthalene	142	7.856	7.856	(1.101)	448003	50.0000	49
120	1-Methylnaphthalene	142	7.976	7.976	(1.117)	436198	50.0000	45(A)
35	Hexachlorocyclopentadiene	237	8.075	8.075	(0.901)	117868	50.0000	41
9	2,4,6-Trichlorophenol	196	8.162	8.162	(0.911)	156883	50.0000	50
10	2,4,5-Trichlorophenol	196	8.208	8.208	(0.916)	171323	50.0000	49
$ 77	2-Fluorobiphenyl (SUR)	172	8.235	8.235	(0.919)	495225	50.0000	48
102	Diphenyl	154	8.334	8.334	(0.930)	578555	50.0000	51
36	2-Chloronaphthalene	162	8.368	8.368	(0.934)	418387	50.0000	49
103	Diphenyl Ether	170	8.434	8.434	(0.941)	304094	50.0000	49
37	2-Nitroaniline	65	8.494	8.494	(0.948)	168163	50.0000	47
38	Dimethylphthalate	163	8.660	8.660	(0.967)	567991	50.0000	48
114	Coumarin	146	8.720	8.720	(1.222)	165517	50.0000	45
40	2,6-Dinitrotoluene	165	8.760	8.760	(0.978)	132676	50.0000	50
39	Acenaphthylene	152	8.806	8.806	(0.983)	612620	50.0000	46
41	3-Nitroaniline	138	8.913	8.913	(0.995)	131310	50.0000	49
* 82	Acenaphthene-d10	164	8.959	8.959	(1.000)	370831	40.0000	
42	Acenaphthene	154	8.992	8.992	(1.004)	500302	50.0000	48
11	2,4-Dinitrophenol	184	9.006	9.006	(1.005)	86509	50.0000	47
12	4-Nitrophenol	65	9.032	9.032	(1.008)	144436	50.0000	48
43	Dibenzofuran	168	9.145	9.145	(1.021)	691885	50.0000	50
44	2,4-Dinitrotoluene	165	9.159	9.159	(1.022)	215812	50.0000	50
45	Diethylphthalate	149	9.358	9.358	(1.044)	674784	50.0000	49
46	4-Chlorophenyl-phenylether	204	9.458	9.458	(1.056)	279618	50.0000	49
47	Fluorene	166	9.498	9.498	(1.060)	551160	50.0000	49
48	4-Nitroaniline	138	9.557	9.557	(1.067)	127850	50.0000	48
13	4,6-Dinitro-2-methylphenol	198	9.584	9.584	(0.917)	130092	50.0000	43

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08abr.b/aa5821.d
Report Date: 11-Aug-2008 13:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	49 N-Nitrosodiphenylamine	169	9.591	9.591	(0.917)	395621	50.0000	46
	75 1,2-Diphenylhydrazine	77	9.624	9.624	(0.921)	698614	50.0000	45
$	18 2,4,6-Tribromophenol (SUR)	330	9.763	9.763	(1.090)	109617	50.0000	49
	50 4-Bromophenyl-phenylether	248	9.956	9.956	(0.952)	175811	50.0000	48
	112 Atrazine	200	10.116	10.116	(0.968)	130894	50.0000	41
	51 Hexachlorobenzene	284	10.142	10.142	(0.970)	202253	50.0000	48
	14 Pentachlorophenol	266	10.308	10.308	(0.986)	137347	50.0000	44
*	83 Phenanthrene-d10	188	10.455	10.455	(1.000)	571651	40.0000	
	52 Phenanthrene	178	10.481	10.481	(1.003)	832073	50.0000	47
	53 Anthracene	178	10.528	10.528	(1.007)	805534	50.0000	46
	54 Carbazole	167	10.674	10.674	(1.021)	716623	50.0000	48
	55 Di-n-butylphthalate	149	10.960	10.960	(1.048)	1241577	50.0000	48
	56 Fluoranthene	202	11.691	11.691	(1.118)	969439	50.0000	48
	58 Benzidine	184	11.777	11.777	(1.127)	154658	50.0000	40
	57 Pyrene	202	11.937	11.937	(0.897)	993207	50.0000	48
$	78 Terphenyl-d14	244	12.023	12.023	(0.903)	742211	50.0000	48
	59 Butylbenzylphthalate	149	12.515	12.515	(0.940)	584198	50.0000	47
	109 2,3,7,8-TCDD (Screen)	320	12.754	12.754	(0.958)	1429	0.50000	0.46(a)
	118 Carbamazepine	193	12.768	12.768	(0.959)	373873	50.0000	45(A)
	63 bis(2-Ethylhexyl)phthalate	149	13.146	13.146	(0.988)	834686	50.0000	48
	60 3,3'-Dichlorobenzidine	252	13.226	13.226	(0.994)	331943	50.0000	52
	61 Benzo(a)anthracene	228	13.286	13.286	(0.998)	895960	50.0000	47
*	81 Chrysene-d12	240	13.312	13.312	(1.000)	680336	40.0000	
	62 Chrysene	228	13.352	13.352	(1.003)	889237	50.0000	48
	117 o-Tricresylphosphate	165	13.545	13.545	(1.017)	248791	50.0000	45(A)
	64 Di-n-octylphthalate	149	13.924	13.924	(0.908)	1401721	50.0000	49
	65 Benzo(b)fluoranthene	252	14.755	14.755	(0.963)	971295	50.0000	47
	66 Benzo(k)fluoranthene	252	14.788	14.788	(0.965)	947579	50.0000	53
	67 Benzo(a)pyrene	252	15.240	15.240	(0.994)	812121	50.0000	50
*	84 Perylene-d12	264	15.326	15.326	(1.000)	569170	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.234	17.234	(1.124)	897812	50.0000	49
	69 Dibenz(a,h)anthracene	278	17.214	17.214	(1.123)	769493	50.0000	50
	70 Benzo(g,h,i)perylene	276	17.792	17.792	(1.161)	695547	50.0000	46

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08abr.b/aa5824.d
Date : 11-AUG-2008 04:17
Client ID:
Sample Info: AASTD223br
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08abr.b/aa5821.d
Y (x10^6)
Min
-N-Nitrosodimethylamine
-2-Fluorophenol (SUR)
-Benzaldehyde
-Phenol(SUR)
-Aniline
-bis(2-Chloroethyl)ether
-2-Chlorophenol
-1,4-Dichlorobenzene
-Benzyl Alcohol
-Acetophenone
-N,N-Dimethylaniline+
-Isophorone
-2,4-Dimethylphenol+
-bis(2-Chloroethoxy)methan
-2,4-Dichlorophenol
-Hexachlorobutadiene
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-1-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-2-Nitroaniline
-Dimethylphthalate
-Acenaphthylene
-Acenaphthene
-Diethylphthalate
-4-Chlorophenyl-phenylether
-Fluorene
-1,2-Diphenylhydrazine
-2,4,6-Tribromophenol (SUR
-4,6-Dinitro-2-methylpheno+
-4-Bromophenyl-phenylether
-Atrazine
-Hexachlorobenzene
-Pentachlorophenol
-Phenanthrene-d10
-Phenanthrene
-Anthracene
-Carbazole
Di-n-butylphthalate
-Benzidine
-Pyrene
Fluoranthene
-Terphenyl-d14
-2,3,7,8-TCDD (Screen)
-Carbamazepine
Butylbenzylphthalate
-3,3'-Dichlorobenzidine
-Benzo(a)anthracene
-Chrysene
bis(2-Ethylhexyl)phthalat
-o-Tricresylphosphate
Di-n-octylphthalate
-Benzo(b)fluoranthene
Benzo(k)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Indeno(1,2,3-cd)pyrene
-Dibenz(a,h)anthracene
-Benzo(g,h,i)perylene

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/12/08 08/12/08

Calibration Time(s): 1032 1209

LAB FILE ID: RRF5: AA5836 RRF20: AA5838 RRF50: AA5834
RRF80: AA5837 RRF120: AA5835

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Phenol	1.498	1.509	1.491	1.679	1.804
2-Chlorophenol	1.095	1.179	1.173	1.292	1.362
2-Methylphenol	1.065	1.133	1.084	1.213	1.253
4-Methylphenol	1.078	1.173	1.156	1.279	1.318
2-Nitrophenol	0.186	0.203	0.215	0.264	0.290
2,4-Dimethylphenol	0.295	0.293	0.313	0.379	0.410
2,4-Dichlorophenol	0.317	0.316	0.328	0.357	0.377
4-Chloro-3-methylphenol	0.356	0.350	0.344	0.376	0.353
2,4,6-Trichlorophenol	0.350	0.370	0.346	0.339	0.346
2,4,5-Trichlorophenol	0.422	0.402	0.362	0.351	0.360
2,4-Dinitrophenol	0.199	0.239	0.215	0.241	0.240
4-Nitrophenol	0.376	0.390	0.342	0.360	0.351
4,6-Dinitro-2-methylphenol	0.182	0.191	0.179	0.185	0.188
Pentachlorophenol	0.171	0.170	0.160	0.160	0.165
N-Nitrosodimethylamine	0.651	0.696	0.671	0.677	0.693
bis(2-Chloroethyl)ether	0.874	1.305	1.209	1.268	1.398
1,3-Dichlorobenzene	1.432	1.474	1.471	1.606	1.760
1,4-Dichlorobenzene	1.474	1.552	1.580	1.701	1.791
1,2-Dichlorobenzene	1.367	1.480	1.476	1.598	1.694
bis(2-chloroisopropyl)ether	2.177	2.219	2.091	1.984	2.026
N-Nitroso-di-n-propylamine	1.133	1.199	1.128	1.148	1.198
Hexachloroethane	0.689	0.728	0.712	0.755	0.811
Nitrobenzene	0.627	0.634	0.617	0.632	0.664
Isophorone	0.886	0.845	0.793	0.823	0.855
bis(2-Chloroethoxy)methane	0.404	0.414	0.407	0.434	0.466
1,2,4-Trichlorobenzene	0.316	0.368	0.368	0.364	0.393
Naphthalene	0.858	0.869	0.916	1.054	1.150
4-Chloroaniline	0.386	0.387	0.373	0.434	0.460
Hexachlorobutadiene	0.218	0.215	0.211	0.182	0.188
2-Methylnaphthalene	0.646	0.650	0.682	0.793	0.841
Hexachlorocyclopentadiene	0.280	0.252	0.241	0.229	0.238
2-Chloronaphthalene	0.979	0.999	0.938	1.024	1.035
2-Nitroaniline	0.443	0.443	0.389	0.392	0.388
Dimethylphthalate	1.405	1.387	1.310	1.406	1.409
Acenaphthylene	1.580	1.530	1.431	1.620	1.657
2,6-Dinitrotoluene	0.277	0.330	0.303	0.322	0.326
3-Nitroaniline	0.302	0.304	0.280	0.303	0.301
Acenaphthene	1.278	1.125	1.036	1.063	1.058
Dibenzofuran	1.504	1.494	1.478	1.546	1.572

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/12/08 08/12/08

Calibration Time(s): 1032 1209

LAB FILE ID: RRF5: AA5836 RRF20: AA5838 RRF50: AA5834
RRF80: AA5837 RRF120: AA5835

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
2,4-Dinitrotoluene	0.497	0.488	0.470	0.495	0.495
Diethylphthalate	1.504	1.495	1.438	1.555	1.583
4-Chlorophenyl-phenylether	0.634	0.598	0.549	0.508	0.511
Fluorene	1.184	1.212	1.171	1.244	1.257
4-Nitroaniline	0.320	0.305	0.275	0.299	0.308
N-Nitrosodiphenylamine	0.568	0.560	0.555	0.635	0.628
4-Bromophenyl-phenylether	0.219	0.214	0.201	0.178	0.183
Hexachlorobenzene	0.204	0.228	0.215	0.186	0.190
Phenanthrene	1.119	1.154	1.149	1.202	1.228
Anthracene	1.102	1.148	1.128	1.175	1.218
Carbazole	1.063	1.095	1.036	1.159	1.181
Di-n-butylphthalate	1.594	1.692	1.722	1.923	1.948
Fluoranthene	1.288	1.284	1.203	1.147	1.165
Pyrene	1.305	1.362	1.256	1.187	1.169
Benzidine	0.439	0.513	0.296	0.305	0.188
Butylbenzylphthalate	0.768	0.850	0.847	0.949	0.939
3,3'-Dichlorobenzidine	0.442	0.447	0.413	0.355	0.322
Benzo(a)anthracene	1.252	1.208	1.084	1.013	0.996
Chrysene	1.159	1.138	1.016	0.905	0.895
bis(2-Ethylhexyl)phthalate	1.076	1.180	1.222	1.368	1.343
Di-n-octylphthalate	1.824	2.132	2.246	2.586	2.563
Benzo(b)fluoranthene	1.144	1.452	1.418	1.628	1.562
Benzo(k)fluoranthene	1.305	1.346	1.194	0.768	0.822
Benzo(a)pyrene	1.045	1.257	1.166	1.166	1.119
Indeno(1,2,3-cd)pyrene	1.095	1.371	1.287	1.292	1.260
Dibenz(a,h)anthracene	0.884	1.146	1.078	1.097	1.071
Benzo(g,h,i)perylene	1.079	1.193	1.146	1.156	1.122
Pyridine	1.116	1.162	1.121	1.165	1.240
Aniline	1.841	1.764	1.658	1.767	1.887
Benzyl Alcohol	0.785	0.839	0.802	0.867	0.896
1,2-Diphenylhydrazine	1.129	1.097	1.071	1.090	1.133
Diphenyl	1.016	1.208	1.203	1.345	1.355
Diphenyl Ether	0.741	0.717	0.688	0.702	0.724
Acetophenone	1.670	2.127	2.071	2.170	2.274
1,4-Dioxane	0.300	0.349	0.357	0.353	0.373
N,N-Dimethylaniline	1.517	1.840	1.892	2.319	2.475
2,3,7,8-TCDD (Screen)			0.174		
Benzaldehyde	0.619	0.962	0.912	0.518	0.329
Caprolactam	0.105	0.113	0.111	0.106	0.108

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/12/08 08/12/08

Calibration Time(s): 1032 1209

LAB FILE ID: RRF5: AA5836 RRF20: AA5838 RRF50: AA5834
RRF80: AA5837 RRF120: AA5835

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Atrazine	0.219	0.238	0.189	0.195	0.199
n-decane	1.875	1.591	1.478	1.406	1.585
Coumarin	0.322	0.285	0.265	0.305	0.329
o-Tricresylphosphate	0.397	0.379	0.367	0.387	0.397
Carbamazepine	0.633	0.656	0.567	0.643	0.649
1-Methylnaphthalene	0.723	0.651	0.665	0.811	0.903
2-Fluorophenol (SUR)	1.010	1.049	1.068	1.176	1.280
Phenol-d5 (SUR)	1.389	1.402	1.372	1.598	1.705
2,4,6-Tribromophenol (SUR)	0.166	0.190	0.174	0.169	0.164
Nitrobenzene-d5 (SUR)	0.435	0.461	0.460	0.501	0.534
2-Fluorobiphenyl (SUR)	1.068	1.134	1.111	1.178	1.236
Terphenyl-d14	0.830	0.869	0.783	0.661	0.666

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/12/08 08/12/08

Calibration Time(s): 1032 1209

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Phenol	AVRG	1.59605643	8.8*
2-Chlorophenol	AVRG	1.22041234	8.7*
2-Methylphenol	AVRG	1.14971700	7.1*
4-Methylphenol	AVRG	1.20088620	8.1*
2-Nitrophenol	AVRG	0.23164986	18.8*
2,4-Dimethylphenol	AVRG	0.33815287	15.8*
2,4-Dichlorophenol	AVRG	0.33922518	8.0*
4-Chloro-3-methylphenol	AVRG	0.35573943	3.4*
2,4,6-Trichlorophenol	AVRG	0.35051272	3.4*
2,4,5-Trichlorophenol	AVRG	0.37959100	8.1*
2,4-Dinitrophenol	AVRG	0.22690576	8.4**
4-Nitrophenol	AVRG	0.36385245	5.3**
4,6-Dinitro-2-methylphenol	AVRG	0.18502882	2.6*
Pentachlorophenol	AVRG	0.16515977	3.1*
N-Nitrosodimethylamine	AVRG	0.67765559	2.7*
bis(2-Chloroethyl)ether	AVRG	1.21087878	16.5*
1,3-Dichlorobenzene	AVRG	1.54867743	8.7*
1,4-Dichlorobenzene	AVRG	1.61937622	7.8*
1,2-Dichlorobenzene	AVRG	1.52310723	8.2*
bis(2-chloroisopropyl)ether	AVRG	2.09974437	4.7*
N-Nitroso-di-n-propylamine	AVRG	1.16139795	3.0**
Hexachloroethane	AVRG	0.73918353	6.4*
Nitrobenzene	AVRG	0.63494160	2.8*
Isophorone	AVRG	0.84021380	4.1*
bis(2-Chloroethoxy)methane	AVRG	0.42521569	6.0*
1,2,4-Trichlorobenzene	AVRG	0.36202420	7.8*
Naphthalene	AVRG	0.96953149	13.2*
4-Chloroaniline	AVRG	0.40801381	9.1*
Hexachlorobutadiene	AVRG	0.20265076	8.2*
2-Methylnaphthalene	AVRG	0.72246756	12.3*
Hexachlorocyclopentadiene	AVRG	0.24817457	7.9**
2-Chloronaphthalene	AVRG	0.99491444	3.9*
2-Nitroaniline	AVRG	0.41119640	7.1*
Dimethylphthalate	AVRG	1.38328605	3.0*
Acenaphthylene	AVRG	1.56373419	5.6*
2,6-Dinitrotoluene	AVRG	0.31177088	7.0*
3-Nitroaniline	AVRG	0.29800858	3.4*
Acenaphthene	AVRG	1.11216078	8.9*
Dibenzofuran	AVRG	1.51905148	2.6*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8

Calibration Date(s): 08/12/08 08/12/08

Calibration Time(s): 1032 1209

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
2,4-Dinitrotoluene	AVRG	0.48903071	2.2*
Diethylphthalate	AVRG	1.51496430	3.7*
4-Chlorophenyl-phenylether	AVRG	0.56000555	9.9*
Fluorene	AVRG	1.21358727	3.0*
4-Nitroaniline	AVRG	0.30166424	5.5*
N-Nitrosodiphenylamine	AVRG	0.58910139	6.6*
4-Bromophenyl-phenylether	AVRG	0.19902029	9.2*
Hexachlorobenzene	AVRG	0.20477805	8.7*
Phenanthrene	AVRG	1.17034916	3.7*
Anthracene	AVRG	1.15454435	3.9*
Carbazole	AVRG	1.10676258	5.6*
Di-n-butylphthalate	AVRG	1.77587182	8.6*
Fluoranthene	AVRG	1.21744409	5.4*
Pyrene	AVRG	1.25577781	6.4*
Benzidine	AVRG	0.34840629	36.8*
Butylbenzylphthalate	AVRG	0.87062942	8.6*
3,3'-Dichlorobenzidine	AVRG	0.39595439	13.8*
Benzo(a)anthracene	AVRG	1.11051715	10.3*
Chrysene	AVRG	1.02270432	12.2*
bis(2-Ethylhexyl)phthalate	AVRG	1.23753147	9.7*
Di-n-octylphthalate	AVRG	2.27012563	14.0*
Benzo(b)fluoranthene	AVRG	1.44096774	12.9*
Benzo(k)fluoranthene	AVRG	1.08715007	25.1*
Benzo(a)pyrene	AVRG	1.15086356	6.7*
Indeno(1,2,3-cd)pyrene	AVRG	1.26084156	8.1*
Dibenz(a,h)anthracene	AVRG	1.05507028	9.5*
Benzo(g,h,i)perylene	AVRG	1.13915191	3.7*
Pyridine	AVRG	1.16088422	4.3*
Aniline	AVRG	1.78361431	4.9*
Benzyl Alcohol	AVRG	0.83776940	5.5*
1,2-Diphenylhydrazine	AVRG	1.10416024	2.4*
Diphenyl	AVRG	1.22570423	11.2*
Diphenyl Ether	AVRG	0.71451967	2.8*
Acetophenone	AVRG	2.06259420	11.2**
1,4-Dioxane	AVRG	0.34652167	8.0**
N,N-Dimethylaniline	AVRG	2.00870448	19.2**
2,3,7,8-TCDD (Screen)	AVRG	0.17389672	0.0**
Benzaldehyde	AVRG	0.66812005	40.0*
Caprolactam	AVRG	0.10873441	3.2*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS8 Calibration Date(s): 08/12/08 08/12/08

Calibration Time(s): 1032 1209

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Atrazine	AVRG	0.20788093	9.8*
n-decane	AVRG	1.58704394	11.2*
Coumarin	AVRG	0.30139781	8.8*
o-Tricresylphosphate	AVRG	0.38549256	3.2*
Carbamazepine	AVRG	0.62949518	5.7*
1-Methylnaphthalene	AVRG	0.75079887	14.1*
2-Fluorophenol (SUR)	AVRG	1.11663188	9.8*
Phenol-d5 (SUR)	AVRG	1.49301989	10.0*
2,4,6-Tribromophenol (SUR)	AVRG	0.17263574	6.2*
Nitrobenzene-d5 (SUR)	AVRG	0.47827366	8.2*
2-Fluorobiphenyl (SUR)	AVRG	1.14560472	5.6*
Terphenyl-d14	AVRG	0.76173597	12.4*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Report Date: 12-Aug-2008 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Lab Smp Id: AASTD005
Inj Date : 12-AUG-2008 11:20
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD005
Misc Info : 5 ng/uL BNA Std Lot 4269
Comment :
Method : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/8270Cdel_08.m
Meth Date : 12-Aug-2008 12:49 czhao Quant Type: ISTD
Cal Date : 12-AUG-2008 10:32 Cal File: aa5834.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106 1,4-Dioxane	88	2.824	2.817	(0.494)	4581	5.00000	4.3(a)
19 N-Nitrosodimethylamine	74	3.136	3.130	(0.549)	9950	5.00000	4.8(a)
71 Pyridine	79	3.163	3.150	(0.553)	17071	5.00000	4.8(a)
$ 16 2-Fluorophenol (SUR)	112	4.399	4.393	(0.770)	15446	5.00000	4.5(a)
110 Benzaldehyde	77	5.276	5.276	(0.923)	9473	5.00000	4.6(a)
$ 17 Phenol-d5 (SUR)	99	5.309	5.310	(0.929)	21236	5.00000	4.6(a)
1 Phenol	94	5.323	5.323	(0.931)	22900	5.00000	4.7(a)
73 Aniline	93	5.402	5.409	(0.945)	28156	5.00000	5.2
20 bis(2-Chloroethyl)ether	93	5.436	5.436	(0.951)	1337	0.50000	0.36(aM)
113 n-decane	43	5.495	5.496	(0.962)	28677	5.00000	5.9
2 2-Chlorophenol	128	5.522	5.529	(0.966)	16747	5.00000	4.5(a)
21 1,3-Dichlorobenzene	146	5.681	5.682	(0.994)	21893	5.00000	4.6(a)
* 79 1,4-Dichlorobenzene-d4	152	5.715	5.715	(1.000)	122332	40.0000	
22 1,4-Dichlorobenzene	146	5.735	5.735	(1.003)	22537	5.00000	4.6(a)
74 Benzyl Alcohol	108	5.848	5.848	(1.023)	12000	5.00000	4.7(a)
23 1,2-Dichlorobenzene	146	5.934	5.934	(1.038)	20906	5.00000	4.5(a)

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Report Date: 12-Aug-2008 12:50

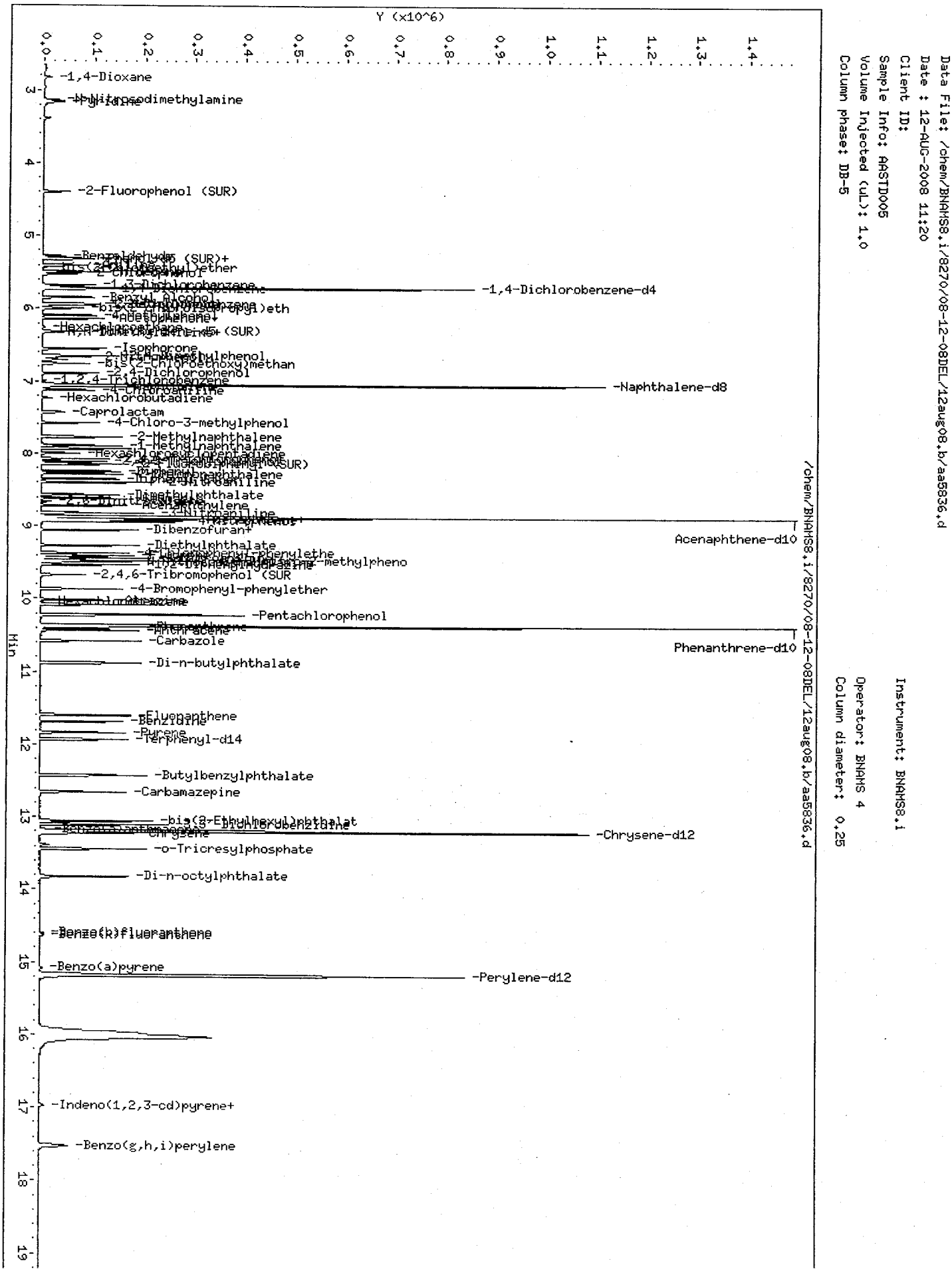
			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	==========		====	==	======	======	========	=======	=======
	3	2-Methylphenol	108	5.954	5.954	(1.042)	16292	5.00000	4.6(a)
	24	bis(2-chloroisopropyl)ether	45	5.994	6.001	(1.049)	33292	5.00000	5.2
	4	4-Methylphenol	108	6.094	6.101	(1.066)	16480	5.00000	4.5(a)
	104	Acetophenone	105	6.140	6.147	(1.074)	25544	5.00000	4.0(a)
	25	N-Nitroso-di-n-propylamine	70	6.140	6.147	(1.074)	1733	0.50000	0.49(aM)
	26	Hexachloroethane	117	6.260	6.260	(1.095)	1053	0.50000	0.46(aM)
$	76	Nitrobenzene-d5 (SUR)	82	6.313	6.320	(0.895)	25386	5.00000	4.5(a)
	107	N,N-Dimethylaniline	120	6.333	6.333	(1.108)	2320	0.50000	0.38(aM)
	27	Nitrobenzene	77	6.333	6.340	(0.898)	3660	0.50000	0.79(M)
	28	Isophorone	82	6.552	6.559	(0.929)	51694	5.00000	5.3
	6	2,4-Dimethylphenol	122	6.652	6.659	(0.943)	17219	5.00000	4.4(a)
	5	2-Nitrophenol	139	6.665	6.666	(0.945)	10876	5.00000	4.9(a)
	29	bis(2-Chloroethoxy)methane	93	6.758	6.759	(0.959)	23605	5.00000	4.8(a)
	7	2,4-Dichlorophenol	162	6.891	6.898	(0.977)	18487	5.00000	4.7(a)
	30	1,2,4-Trichlorobenzene	180	6.997	6.998	(0.992)	1843	0.50000	0.44(a)
*	80	Naphthalene-d8	136	7.051	7.058	(1.000)	466978	40.0000	
	31	Naphthalene	128	7.071	7.078	(1.003)	50063	5.00000	4.4(a)
	32	4-Chloroaniline	127	7.124	7.124	(1.010)	22532	5.00000	4.7(a)
	33	Hexachlorobutadiene	225	7.237	7.237	(1.026)	2542	1.00000	1.1
	111	Caprolactam	113	7.429	7.463	(1.054)	6127	5.00000	7.2(H)
	8	4-Chloro-3-methylphenol	107	7.582	7.589	(1.075)	20773	5.00000	5.0
	34	2-Methylnaphthalene	142	7.775	7.775	(1.103)	37742	5.00000	4.5(a)
	120	1-Methylnaphthalene	142	7.895	7.895	(1.120)	42193	5.00000	4.8(aA)
	35	Hexachlorocyclopentadiene	237	8.001	8.001	(0.902)	11440	5.00000	5.6
	9	2,4,6-Trichlorophenol	196	8.074	8.081	(0.910)	14307	5.00000	5.0
	10	2,4,5-Trichlorophenol	196	8.114	8.121	(0.915)	17247	5.00000	7.0
$	77	2-Fluorobiphenyl (SUR)	172	8.147	8.148	(0.918)	43652	5.00000	4.7(a)
	102	Diphenyl	154	8.247	8.247	(0.930)	41529	5.00000	4.1(a)
	36	2-Chloronaphthalene	162	8.280	8.281	(0.933)	39991	5.00000	4.9(a)
	103	Diphenyl Ether	170	8.353	8.354	(0.942)	30280	5.00000	5.2
	37	2-Nitroaniline	65	8.400	8.400	(0.947)	36230	10.0000	11
	38	Dimethylphthalate	163	8.573	8.573	(0.966)	57397	5.00000	5.1
	114	Coumarin	146	8.619	8.626	(1.222)	18807	5.00000	5.3
	40	2,6-Dinitrotoluene	165	8.666	8.673	(0.977)	2265	1.00000	0.89(a)
	39	Acenaphthylene	152	8.719	8.726	(0.983)	64538	5.00000	5.0
	41	3-Nitroaniline	138	8.819	8.826	(0.994)	24703	10.0000	10
*	82	Acenaphthene-d10	164	8.872	8.879	(1.000)	326847	40.0000	
	42	Acenaphthene	154	8.905	8.912	(1.004)	52236	5.00000	5.7
	11	2,4-Dinitrophenol	184	8.918	8.919	(1.005)	24387	15.0000	13(a)
	12	4-Nitrophenol	65	8.932	8.945	(1.007)	46138	15.0000	16
	43	Dibenzofuran	168	9.058	9.065	(1.021)	61462	5.00000	5.0
	44	2,4-Dinitrotoluene	165	9.064	9.072	(1.022)	4058	1.00000	1.0(M)
	45	Diethylphthalate	149	9.271	9.278	(1.045)	61427	5.00000	5.0
	46	4-Chlorophenyl-phenylether	204	9.370	9.377	(1.056)	25925	5.00000	5.7
	47	Fluorene	166	9.410	9.410	(1.061)	48362	5.00000	4.9(a)
	48	4-Nitroaniline	138	9.443	9.457	(1.064)	26174	10.0000	11
	13	4,6-Dinitro-2-methylphenol	198	9.477	9.490	(0.914)	35872	15.0000	15

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Report Date: 12-Aug-2008 12:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	49 N-Nitrosodiphenylamine	169	9.496	9.504	(0.915)	37409	5.00000	4.8(a)
	75 1,2-Diphenylhydrazine	77	9.536	9.537	(0.919)	74316	5.00000	5.1
$	18 2,4,6-Tribromophenol (SUR)	330	9.676	9.683	(1.091)	6782	5.00000	4.8(a)
	50 4-Bromophenyl-phenylether	248	9.869	9.876	(0.951)	14404	5.00000	5.5
	112 Atrazine	200	10.022	10.029	(0.966)	14442	5.00000	5.3
	51 Hexachlorobenzene	284	10.055	10.055	(0.969)	1347	0.50000	0.50(M)
	14 Pentachlorophenol	266	10.221	10.228	(0.985)	33764	15.0000	16
*	83 Phenanthrene-d10	188	10.374	10.374	(1.000)	526720	40.0000	
	52 Phenanthrene	178	10.394	10.394	(1.002)	73678	5.00000	4.8(a)
	53 Anthracene	178	10.434	10.441	(1.006)	72571	5.00000	4.8(a)
	54 Carbazole	167	10.580	10.587	(1.020)	69971	5.00000	4.8(aM)
	55 Di-n-butylphthalate	149	10.886	10.886	(1.049)	104978	5.00000	4.5(a)
	56 Fluoranthene	202	11.603	11.604	(1.119)	84781	5.00000	5.3
	58 Benzidine	184	11.690	11.697	(1.127)	57793	10.0000	12
	57 Pyrene	202	11.843	11.843	(0.897)	84054	5.00000	5.2
$	78 Terphenyl-d14	244	11.936	11.936	(0.904)	53429	5.00000	5.4
	59 Butylbenzylphthalate	149	12.428	12.435	(0.941)	49437	5.00000	4.4(a)
	118 Carbamazepine	193	12.660	12.667	(0.959)	40792	5.00000	5.0(aA)
	63 bis(2-Ethylhexyl)phthalate	149	13.059	13.059	(0.989)	69272	5.00000	4.3(a)
	60 3,3'-Dichlorobenzidine	252	13.112	13.119	(0.993)	56946	10.0000	11
	61 Benzo(a)anthracene	228	13.172	13.179	(0.997)	8062	0.50000	0.56
*	81 Chrysene-d12	240	13.205	13.212	(1.000)	515200	40.0000	
	62 Chrysene	228	13.232	13.239	(1.002)	74636	5.00000	5.7
	117 o-Tricresylphosphate	165	13.444	13.451	(1.018)	25563	5.00000	5.1(A)
	64 Di-n-octylphthalate	149	13.830	13.830	(0.911)	106025	5.00000	4.0(a)
	65 Benzo(b)fluoranthene	252	14.607	14.621	(0.962)	6652	0.50000	0.40(aH)
	66 Benzo(k)fluoranthene	252	14.641	14.654	(0.964)	7586	0.50000	0.52
	67 Benzo(a)pyrene	252	15.086	15.100	(0.993)	6078	0.50000	0.45(aM)
*	84 Perylene-d12	264	15.186	15.199	(1.000)	465097	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	16.980	17.014	(1.118)	6364	0.50000	0.43(a)
	69 Dibenz(a,h)anthracene	278	16.967	17.007	(1.117)	5138	0.50000	0.42(aM)
	70 Benzo(g,h,i)perylene	276	17.532	17.565	(1.154)	62758	5.00000	4.7(a)

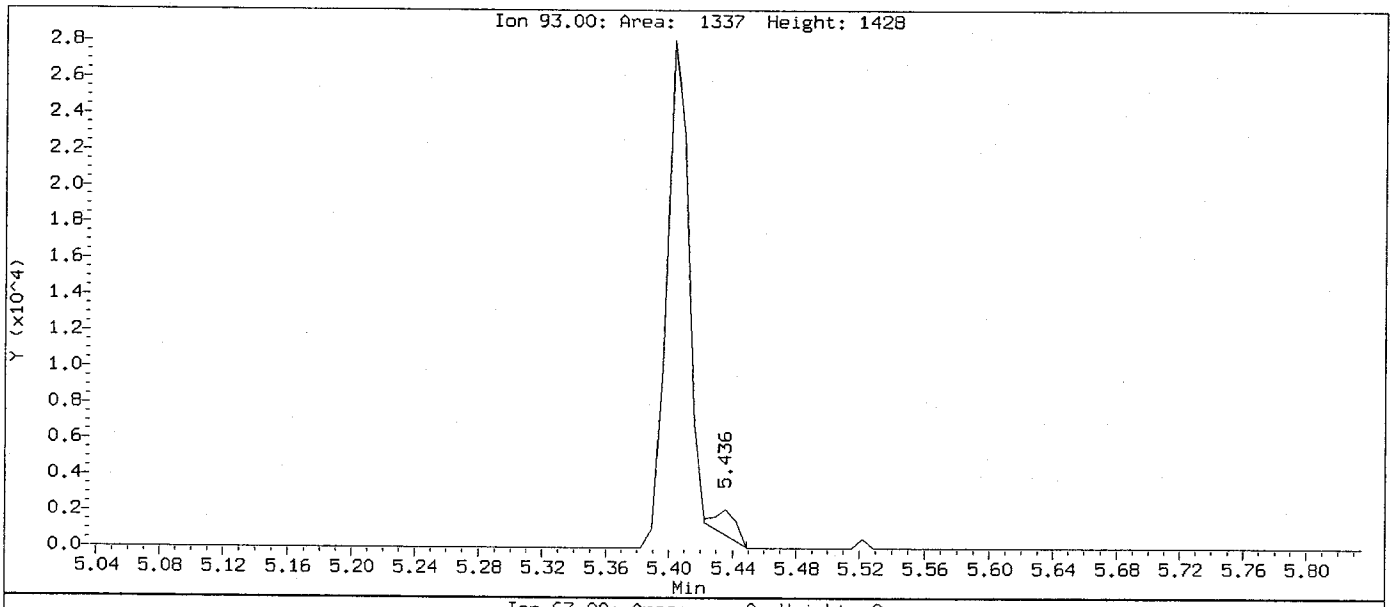
QC Flag Legend

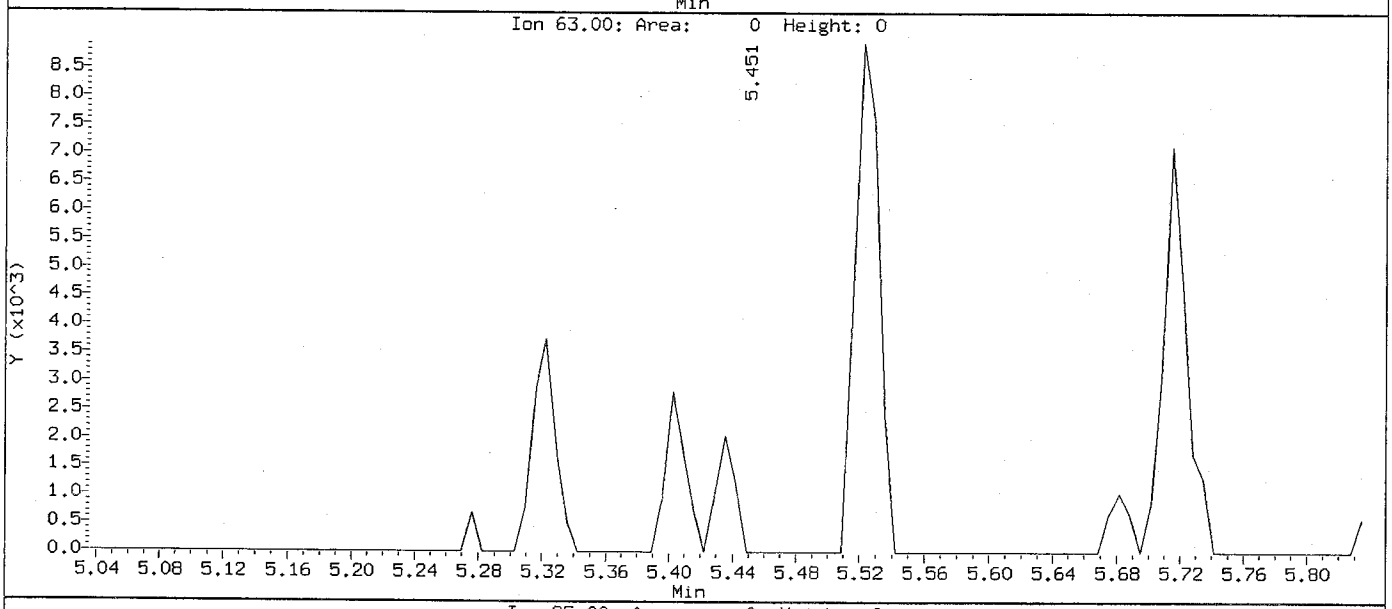
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

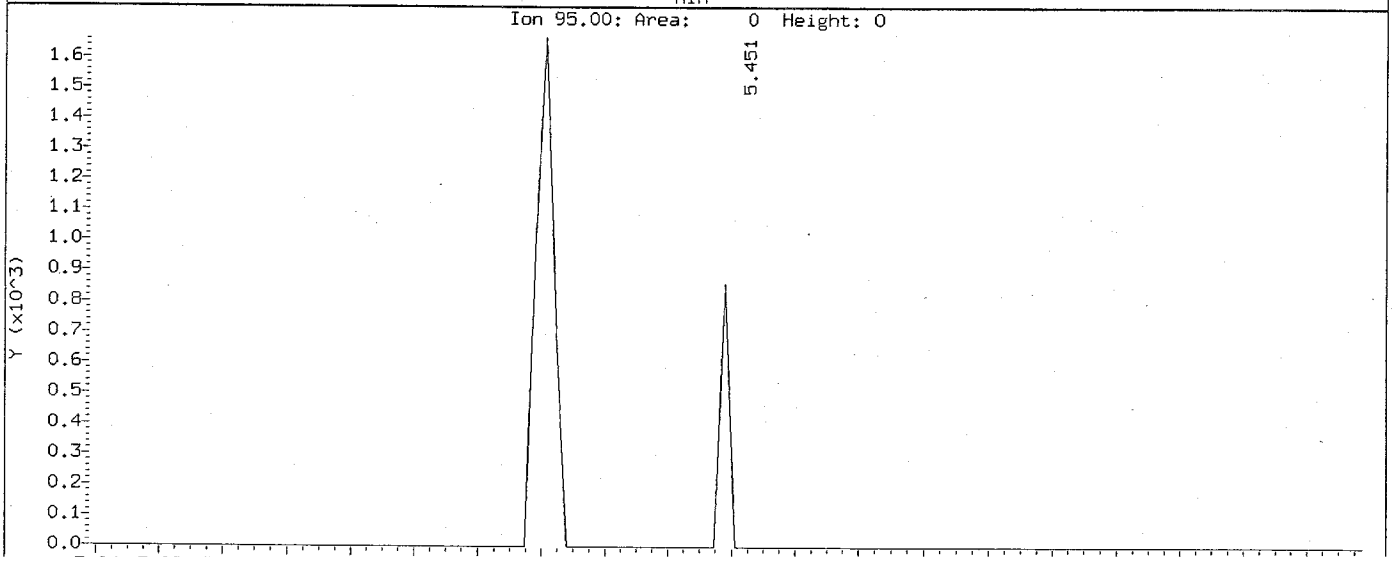

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Date : 12-AUG-2008 11:20
Client ID:
Sample Info: AASTD005
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
/chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
-1,4-Dioxane
-Pyridine
-N-Nitrosodimethylamine
-2-Fluorophenol (SURR)
-Phenol-d5 (SURR)
-1,4-Dichlorobenzene-d4
-Naphthalene-d8
-Acenaphthene-d10
-Phenanthrene-d10
-Chrysene-d12
-Perylene-d12
-Pentachlorophenol
-Carbazole
-Di-n-butylphthalate
-Fluoranthene
-Benzidine
-Pyrene
-Terphenyl-d14
-Butylbenzylphthalate
-Carbamazepine
-Di-n-octylphthalate
-Benzo(a)pyrene
-Indeno(1,2,3-cd)pyrene+
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

Compound: bis(2-Chloroethyl)ether
CAS Number: 111-44-4

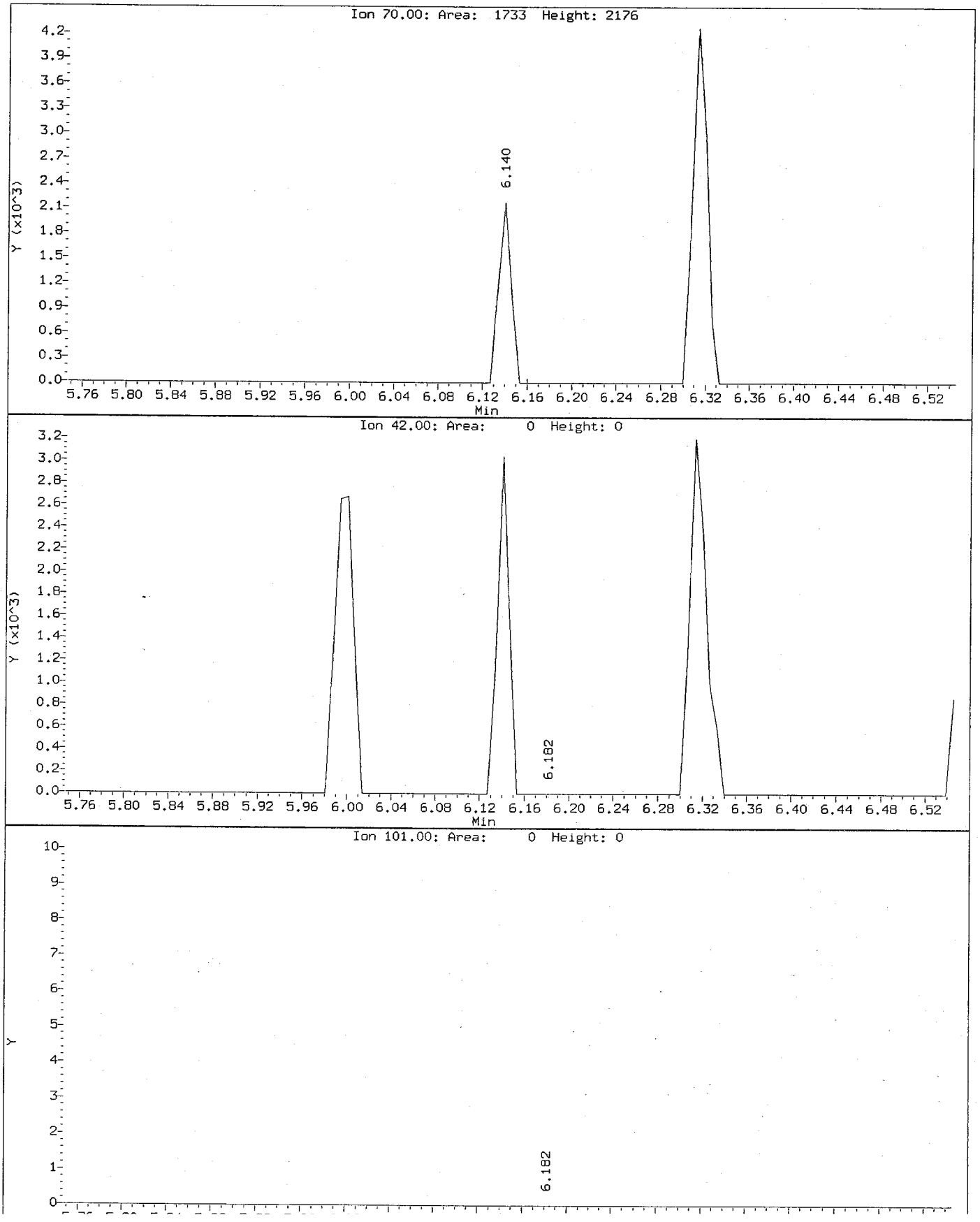






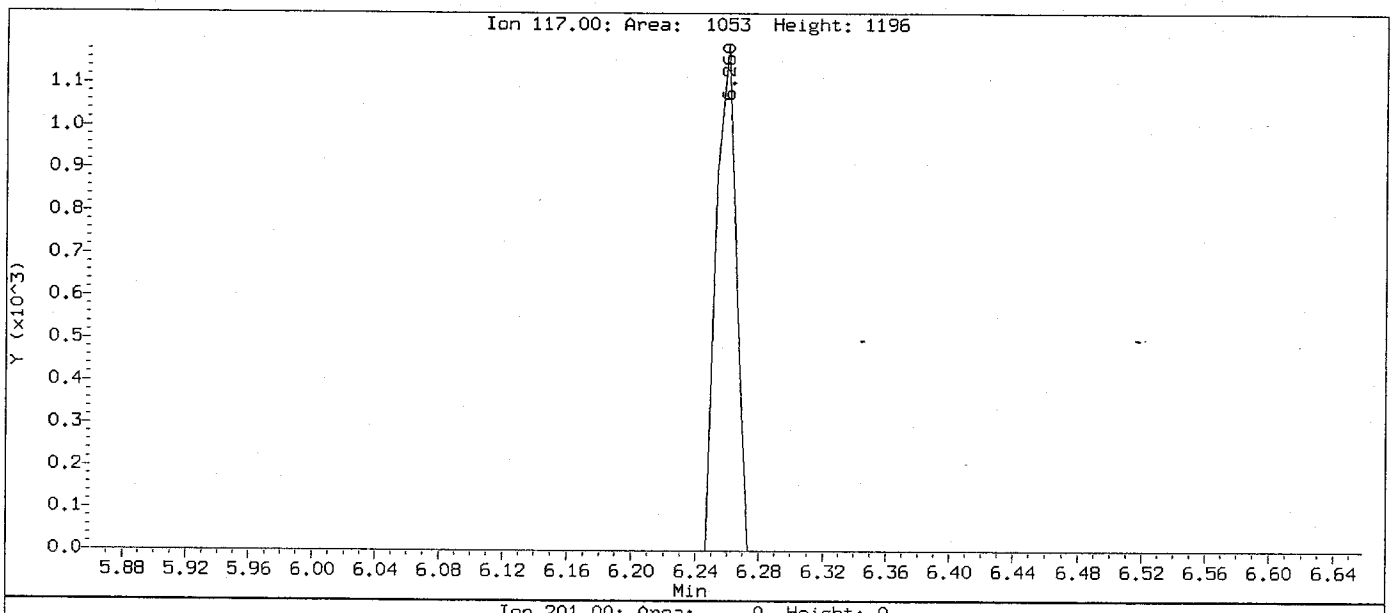
Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

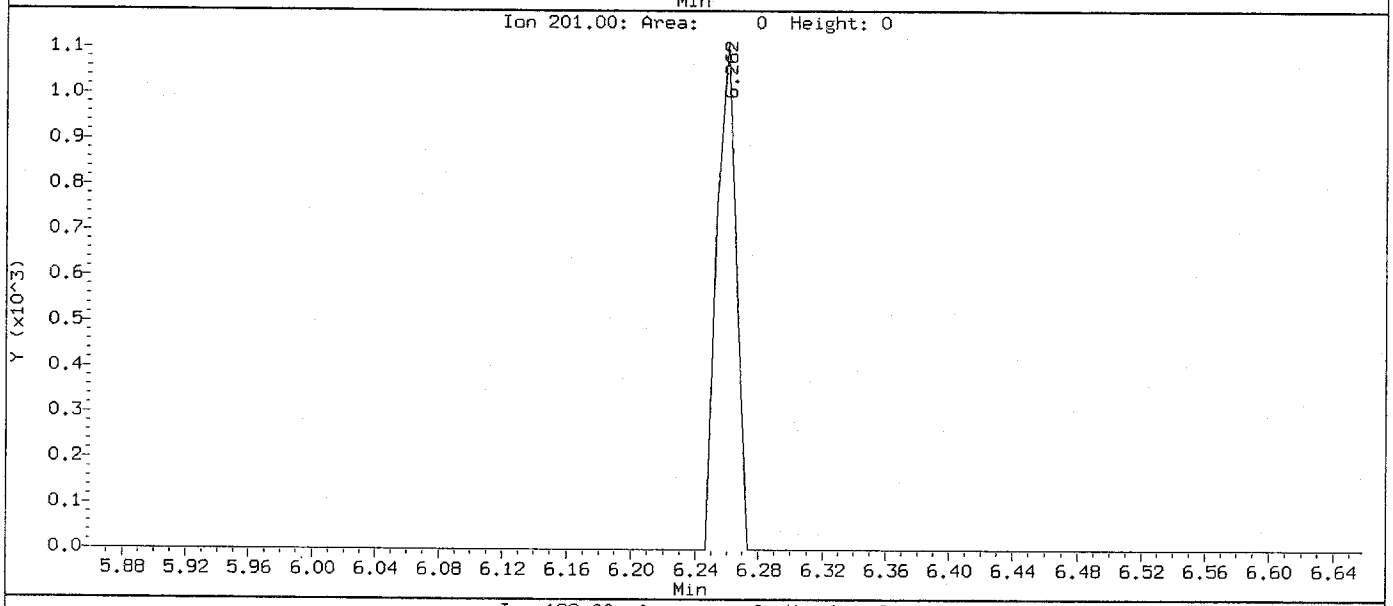
Compound: N-Nitroso-di-n-propylamine
CAS Number: 621-64-7

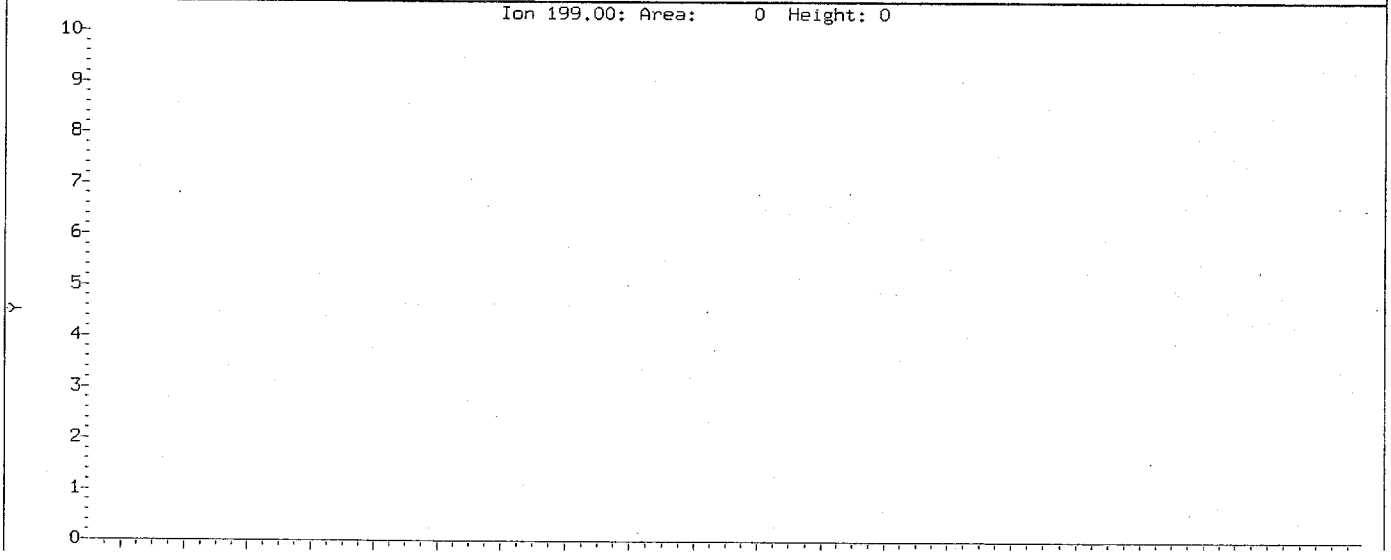


Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

Compound: Hexachloroethane
CAS Number: 67-72-1

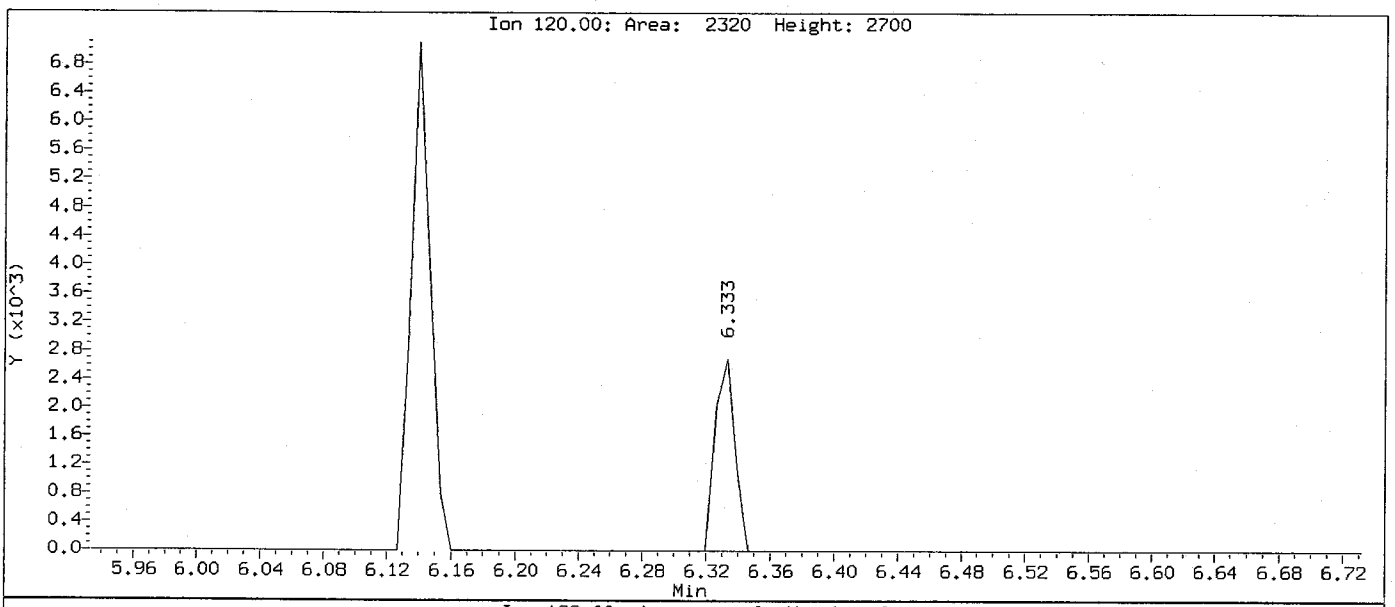


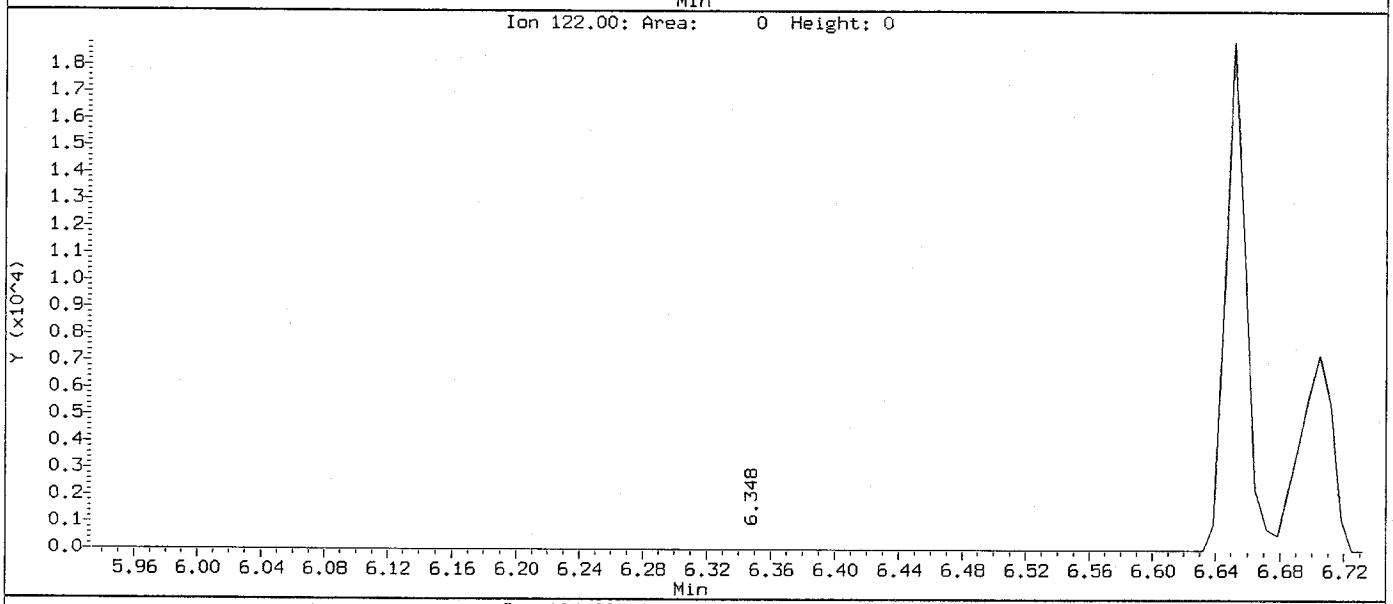


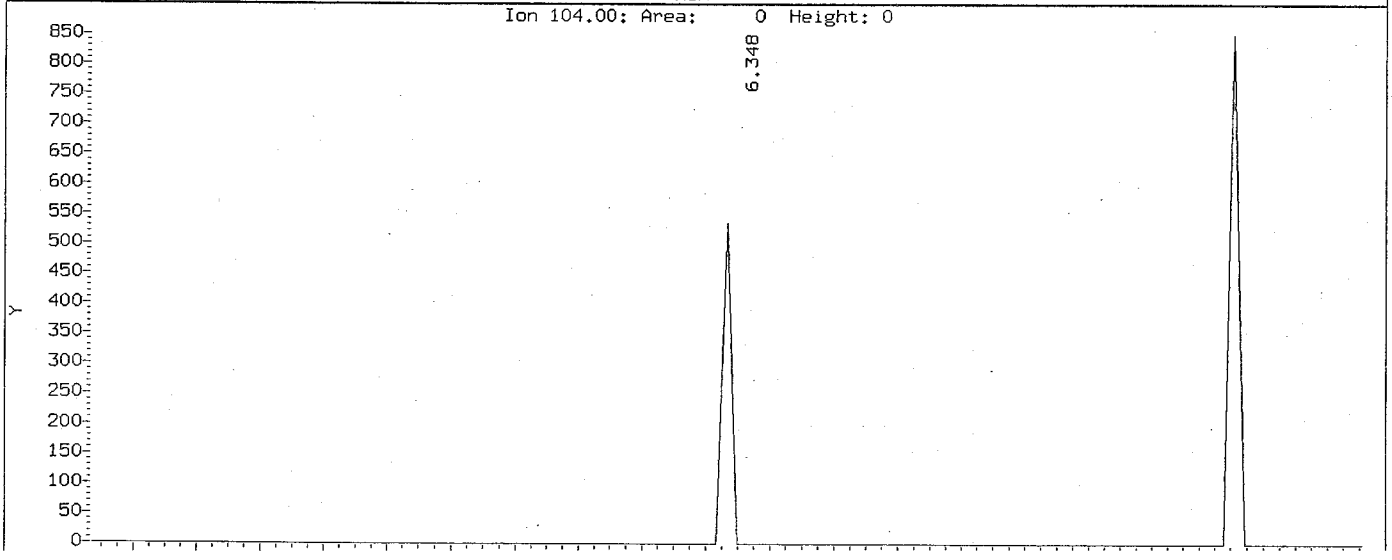


Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

Compound: N,N-Dimethylaniline
CAS Number: 121-69-7

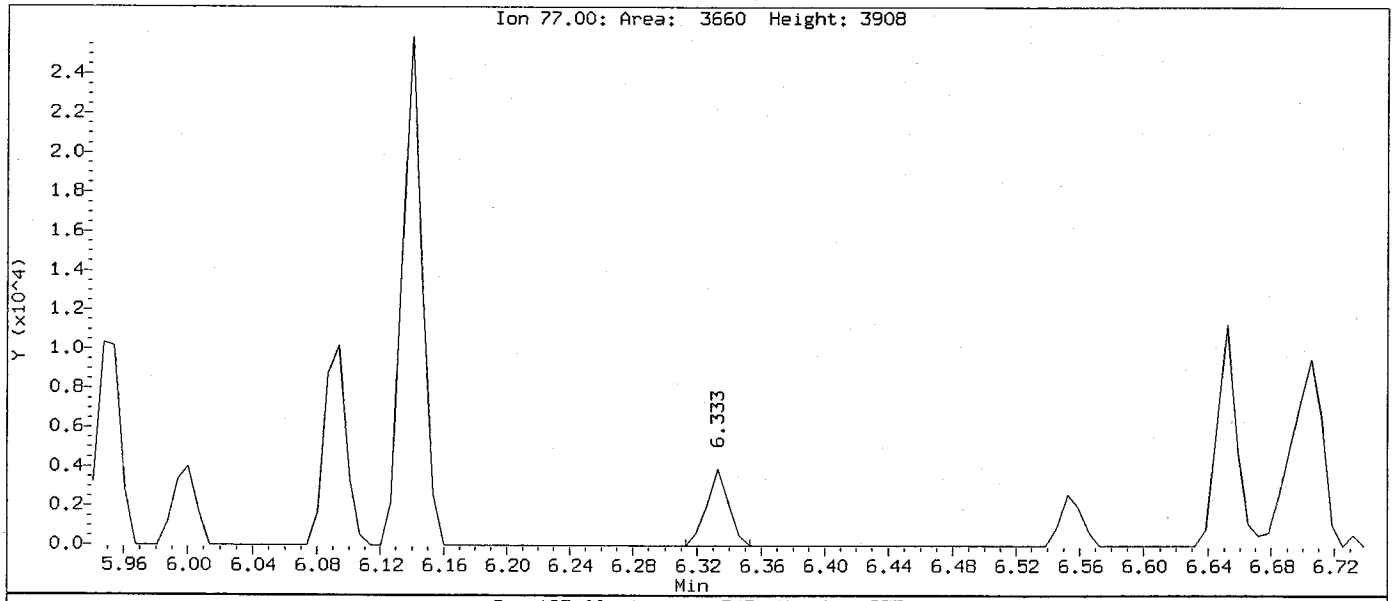


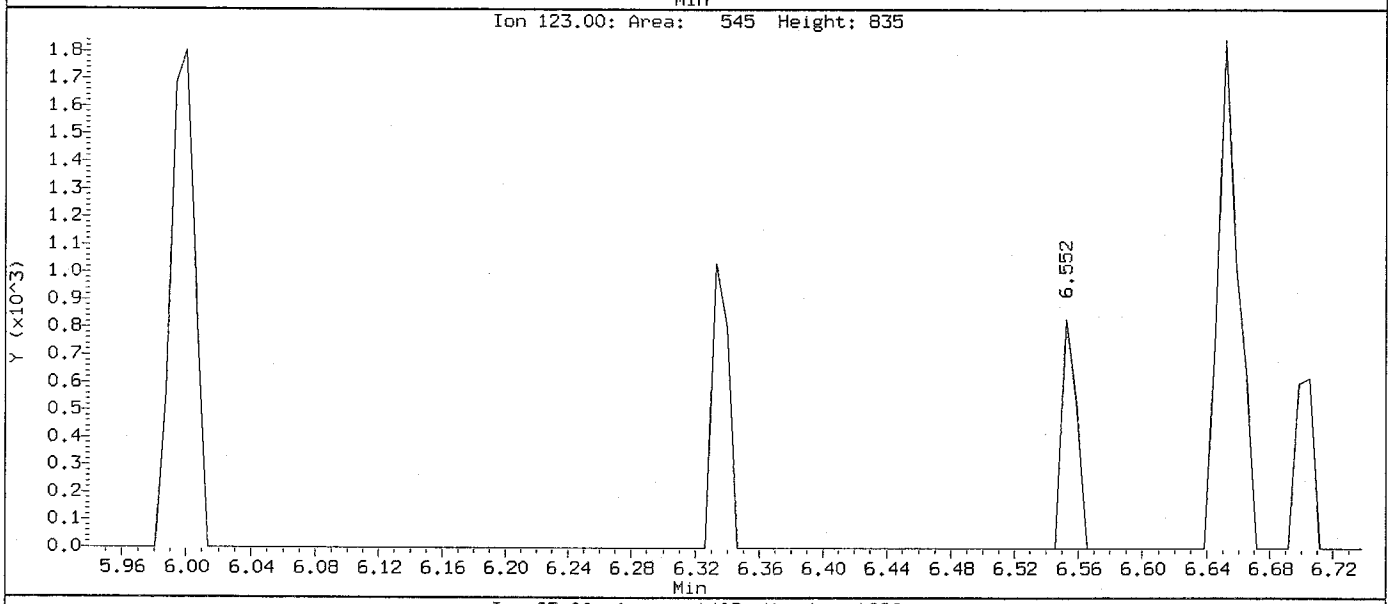


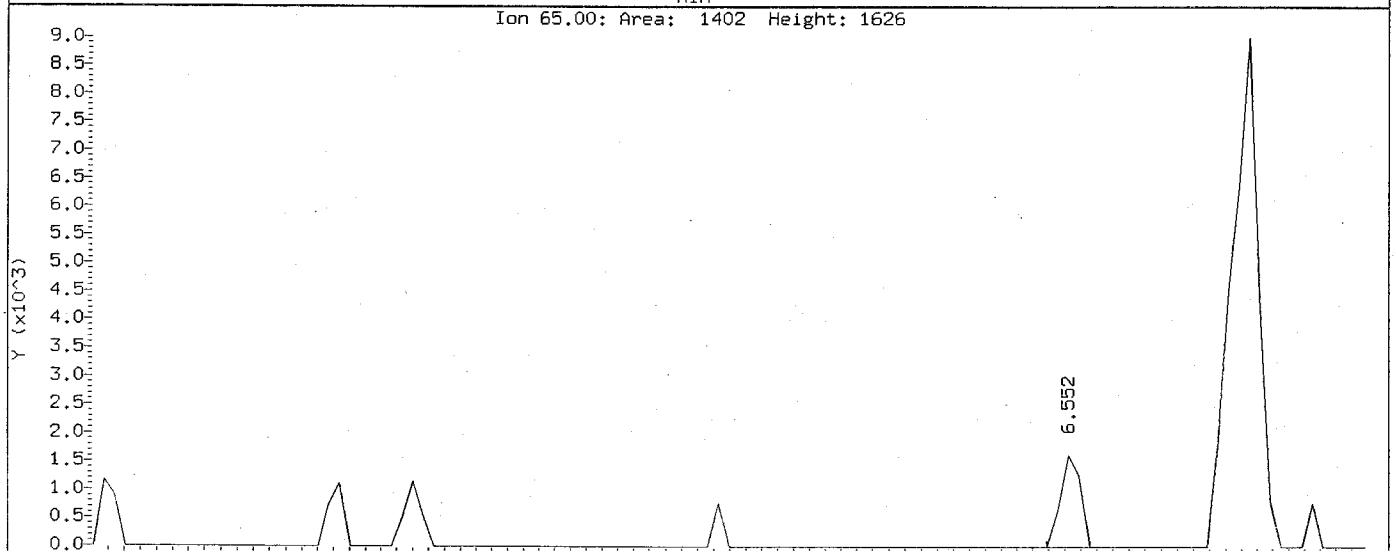


Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

Compound: Nitrobenzene
CAS Number: 98-95-3

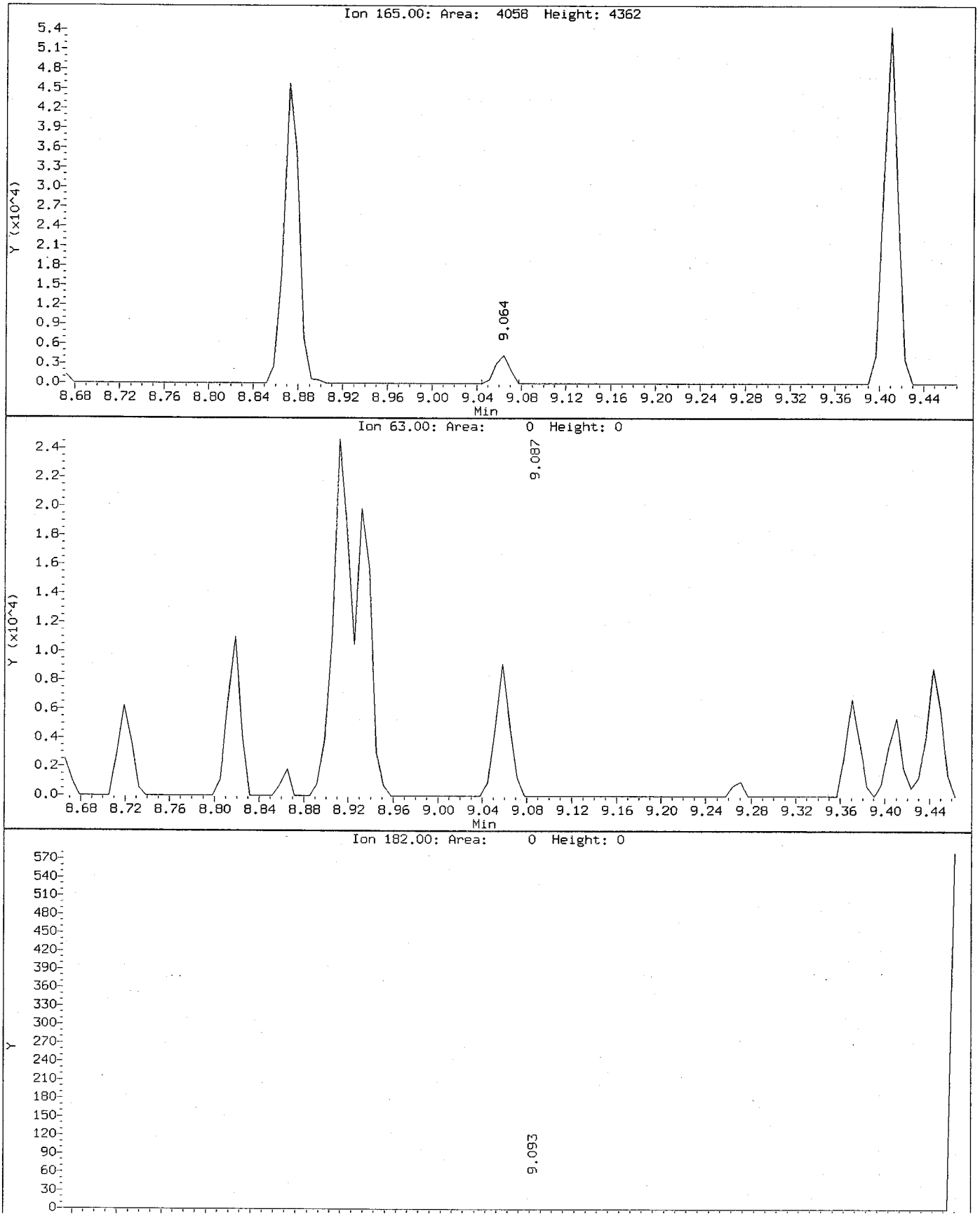






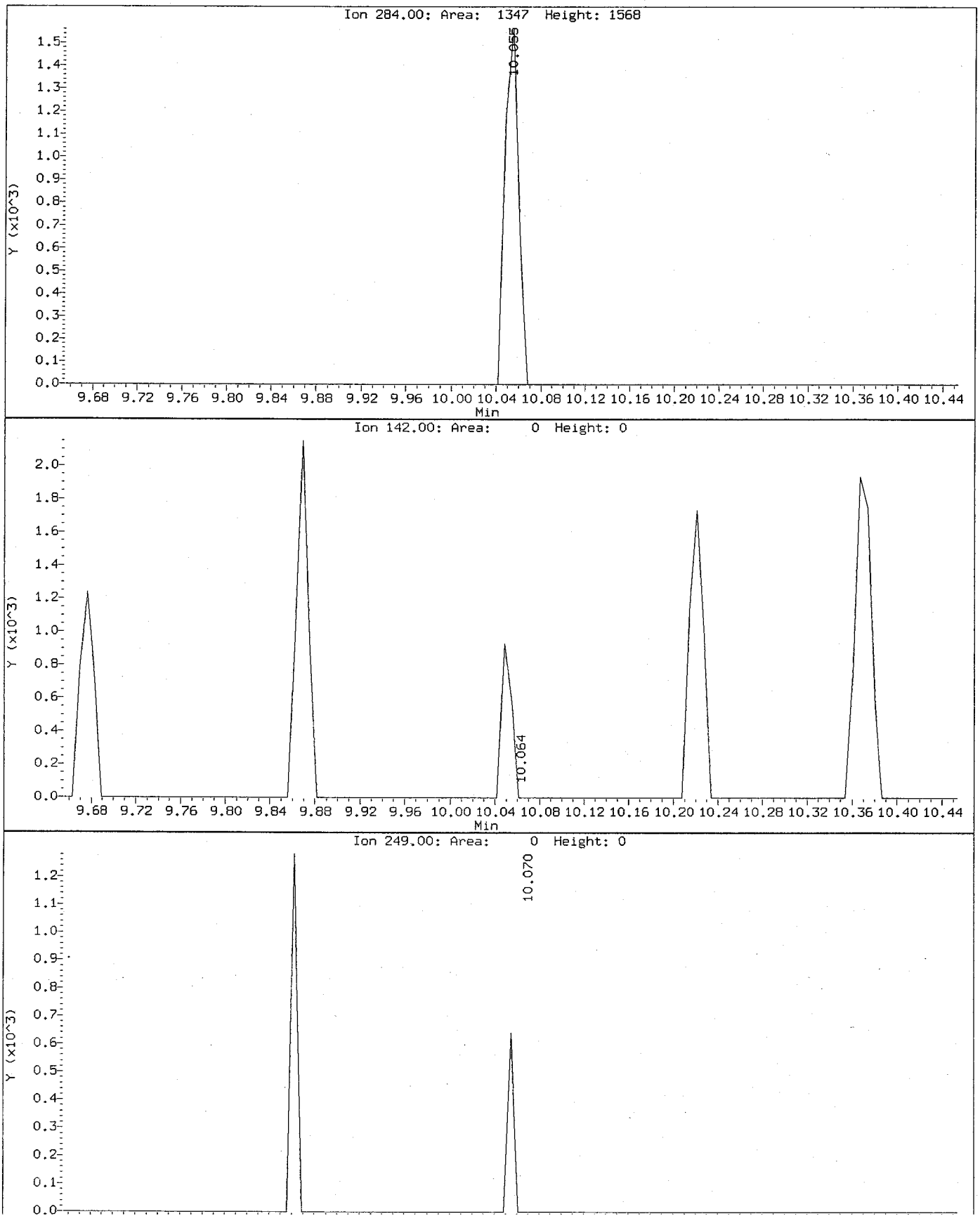
Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

Compound: 2,4-Dinitrotoluene
CAS Number: 121-14-2



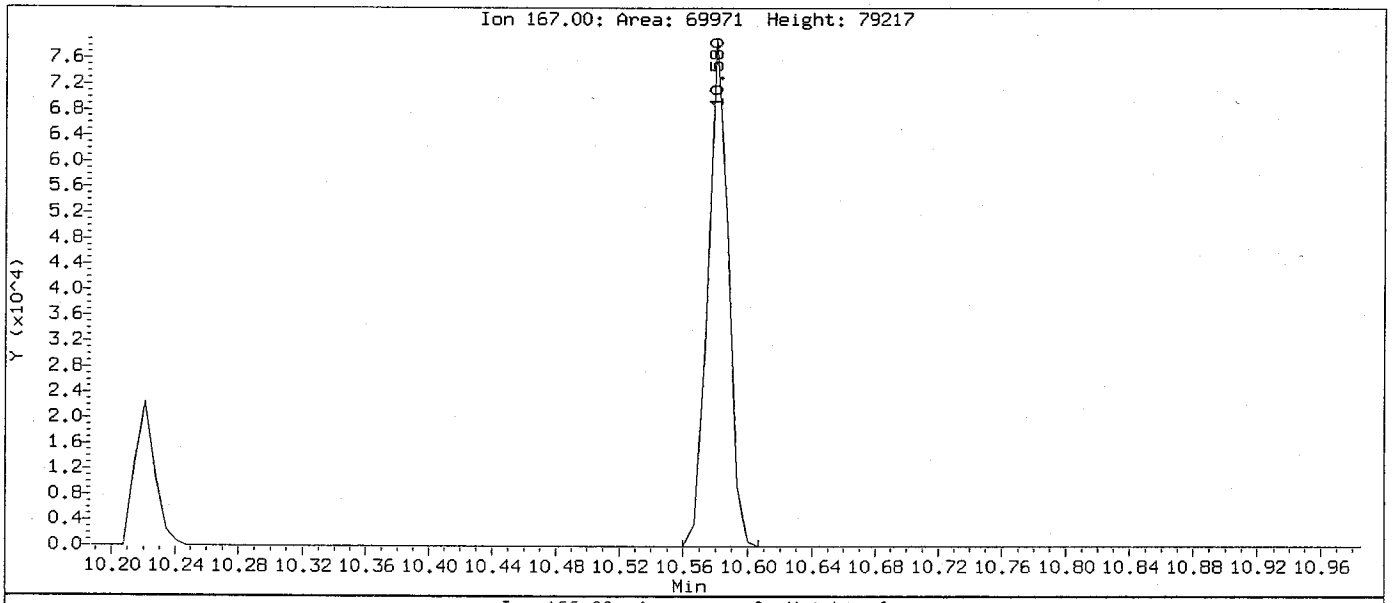
Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

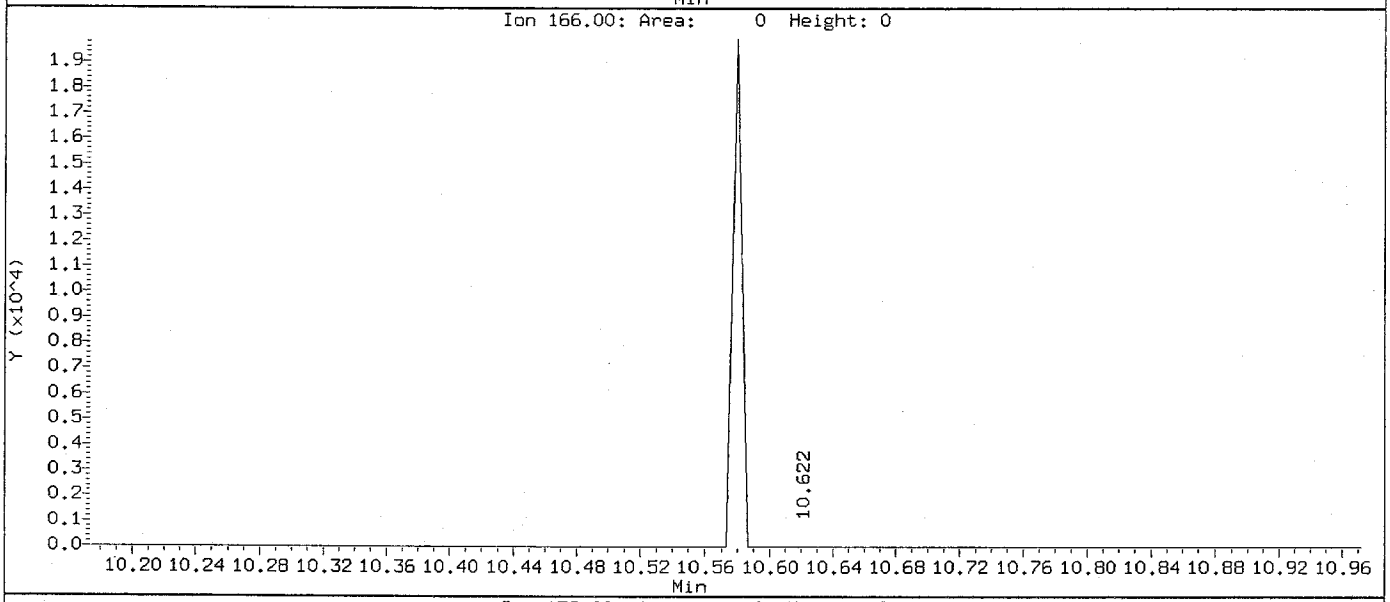
Compound: Hexachlorobenzene
CAS Number: 118-74-1

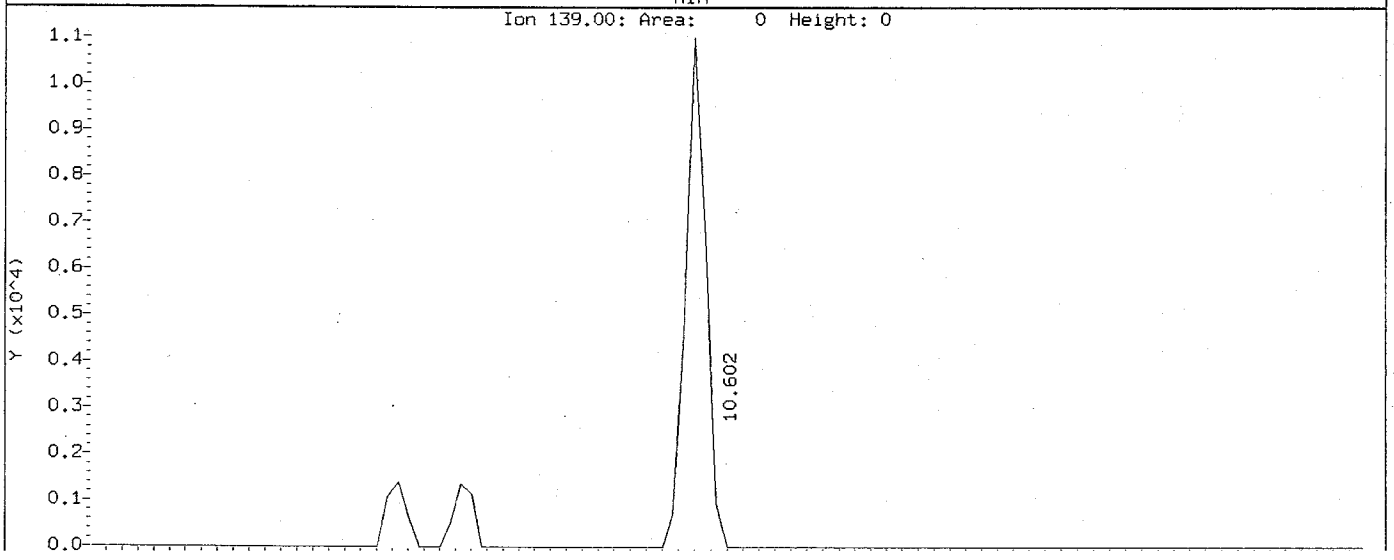


Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

Compound: Carbazole
CAS Number: 86-74-8

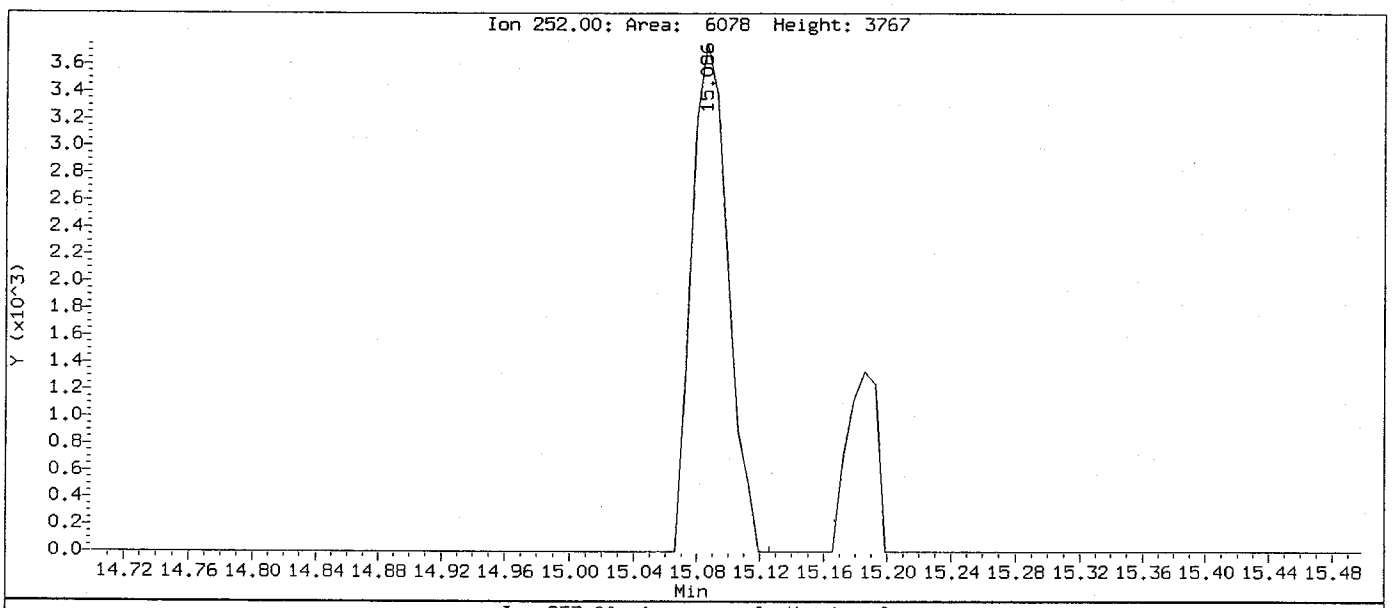


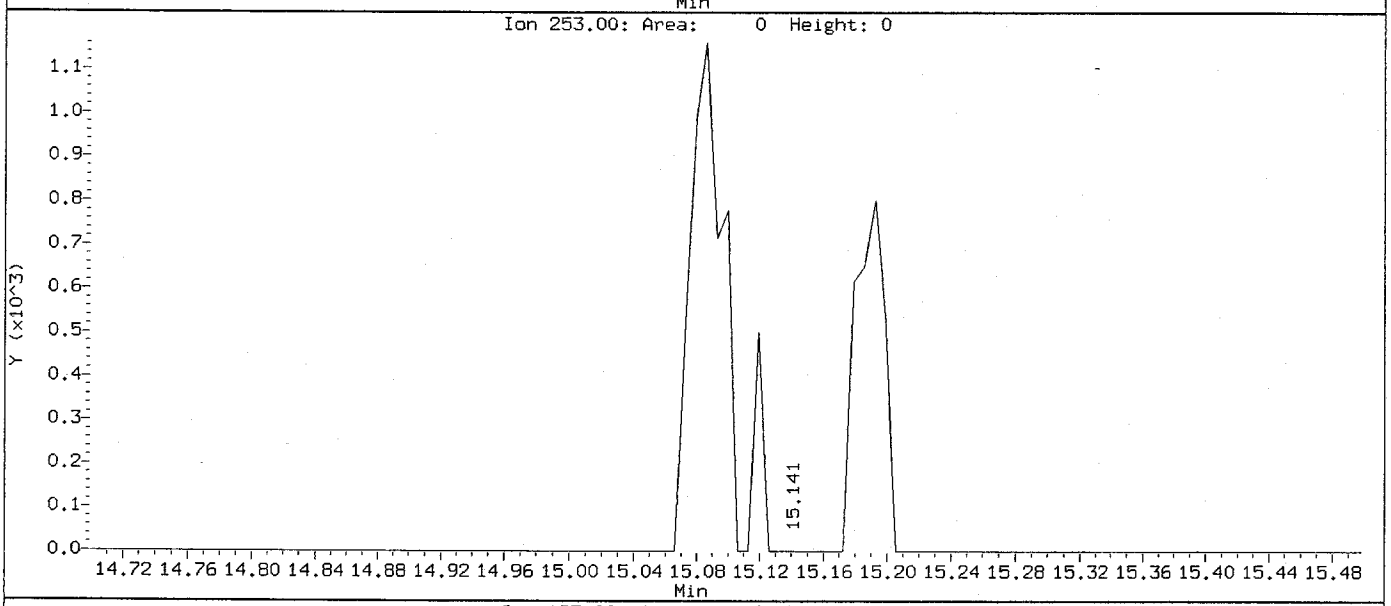


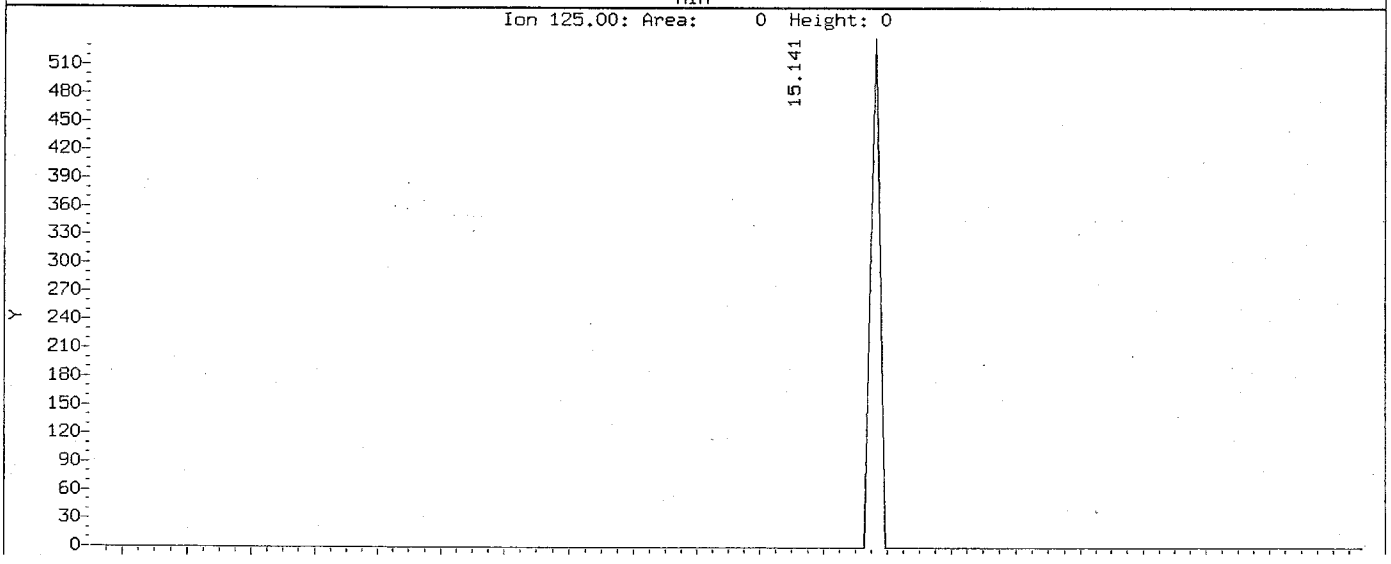


Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

Compound: Benzo(a)pyrene
CAS Number: 50-32-8

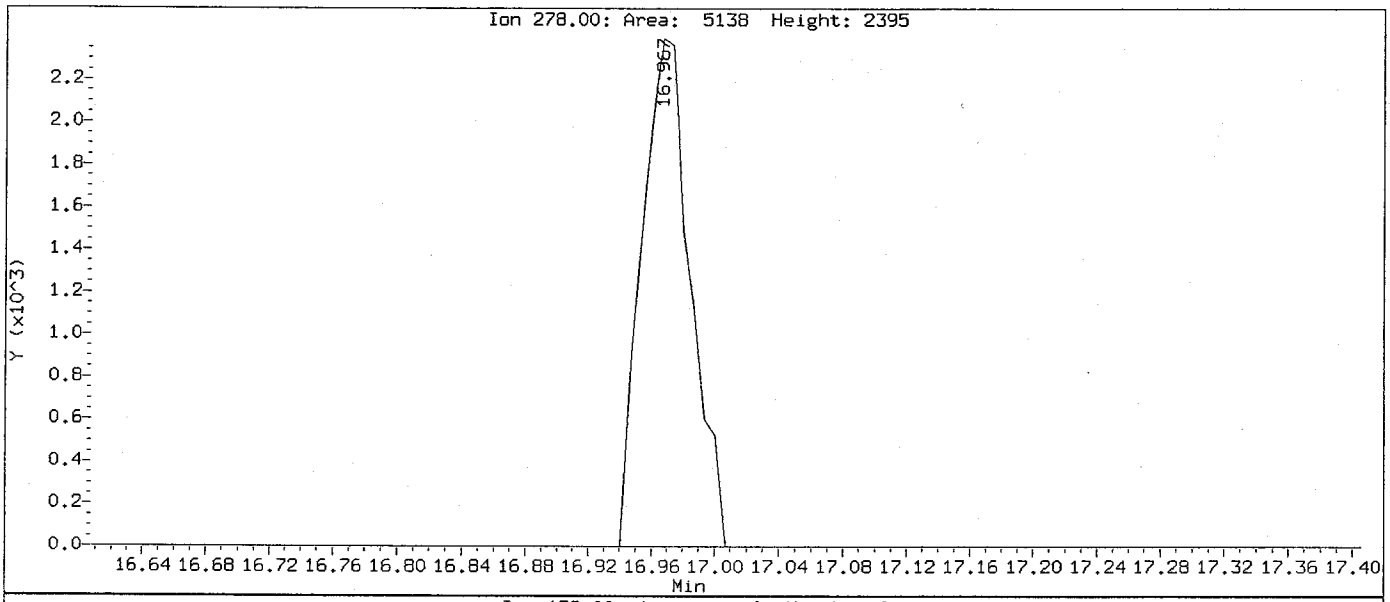


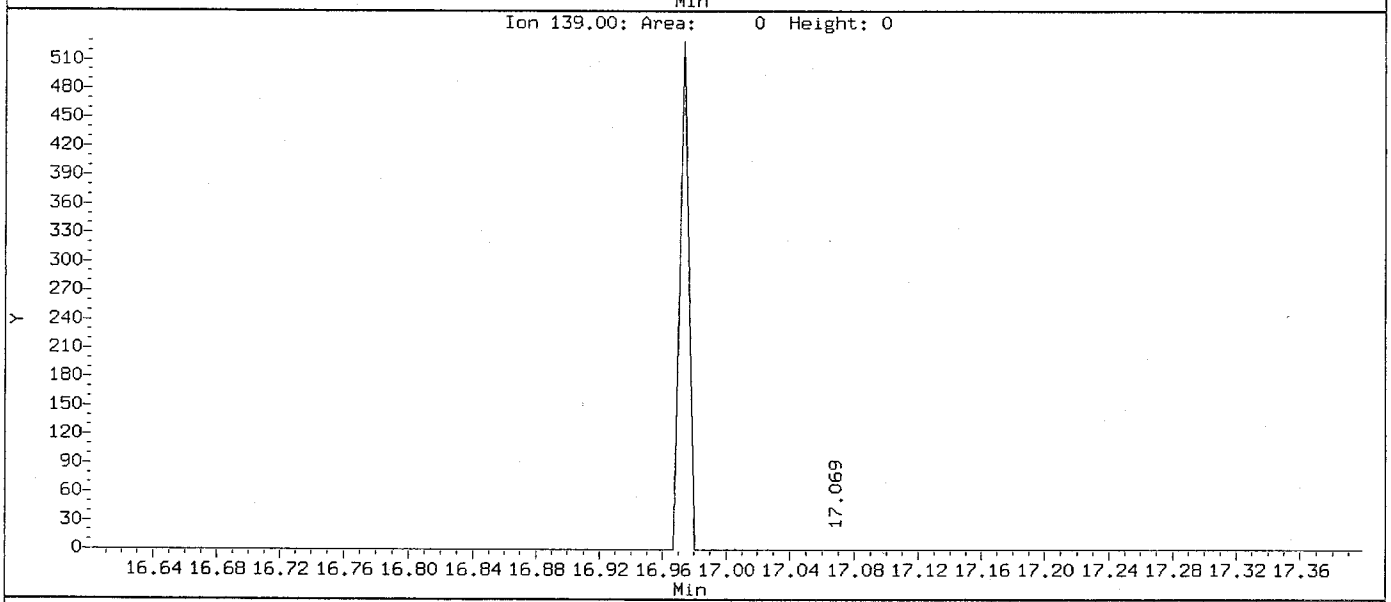


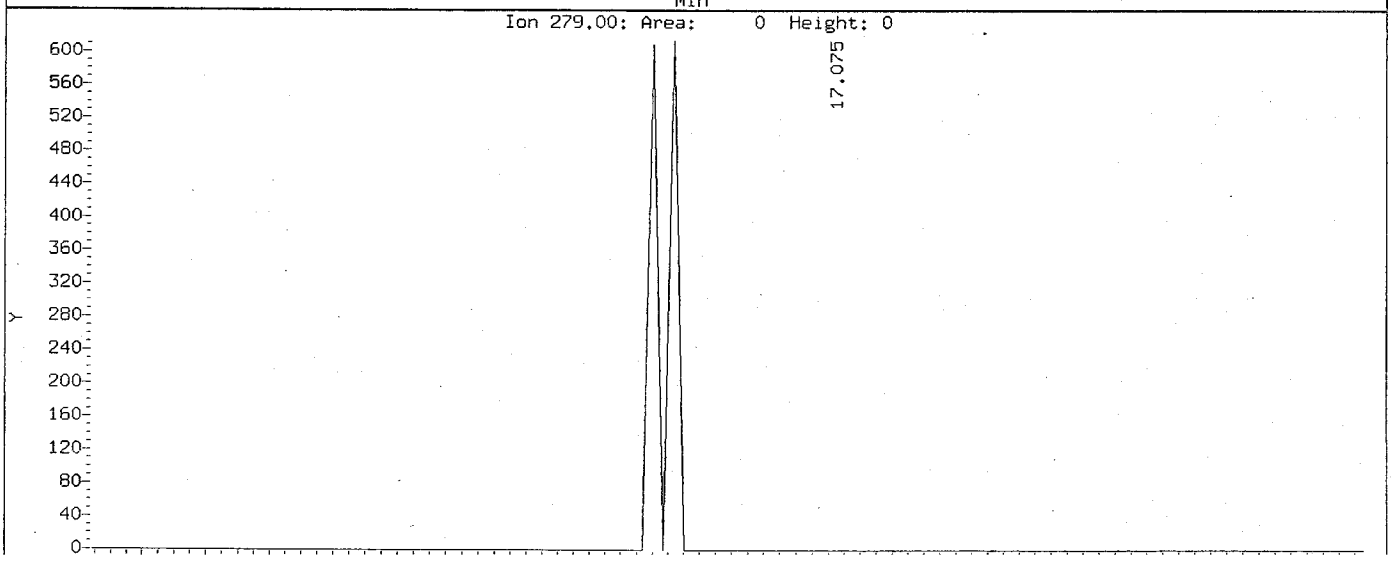


Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5836.d
Injection Date: 12-AUG-2008 11:20
Instrument: BNAMS8.i
Client Sample ID:

Compound: Dibenz(a,h)anthracene
CAS Number: 53-70-3







Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5838.d
Report Date: 12-Aug-2008 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5838.d
Lab Smp Id: AASTD020
Inj Date : 12-AUG-2008 12:09
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD020
Misc Info : 20 ng/uL BNA Std Lot 4269
Comment :
Method : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/8270Cdel_08.m
Meth Date : 12-Aug-2008 12:49 czhao Quant Type: ISTD
Cal Date : 12-AUG-2008 10:32 Cal File: aa5834.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	2.817	2.817	(0.493)	27972	20.0000	20
19	N-Nitrosodimethylamine	74	3.130	3.130	(0.548)	55762	20.0000	20
71	Pyridine	79	3.150	3.150	(0.551)	93103	20.0000	20
$ 16	2-Fluorophenol (SUR)	112	4.393	4.393	(0.769)	84029	20.0000	19
110	Benzaldehyde	77	5.276	5.276	(0.923)	77048	20.0000	29
$ 17	Phenol-d5 (SUR)	99	5.310	5.310	(0.929)	112273	20.0000	19
1	Phenol	94	5.323	5.323	(0.931)	120838	20.0000	19
73	Aniline	93	5.409	5.409	(0.946)	141291	20.0000	20
20	bis(2-Chloroethyl)ether	93	5.436	5.436	(0.951)	104492	20.0000	22
113	n-decane	43	5.496	5.496	(0.962)	127400	20.0000	20
2	2-Chlorophenol	128	5.529	5.529	(0.967)	94414	20.0000	19
21	1,3-Dichlorobenzene	146	5.682	5.682	(0.994)	118095	20.0000	19
* 79	1,4-Dichlorobenzene-d4	152	5.715	5.715	(1.000)	160187	40.0000	
22	1,4-Dichlorobenzene	146	5.735	5.735	(1.003)	124282	20.0000	19
74	Benzyl Alcohol	108	5.848	5.848	(1.023)	67204	20.0000	20
23	1,2-Dichlorobenzene	146	5.934	5.934	(1.038)	118537	20.0000	19

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5838.d
Report Date: 12-Aug-2008 12:50

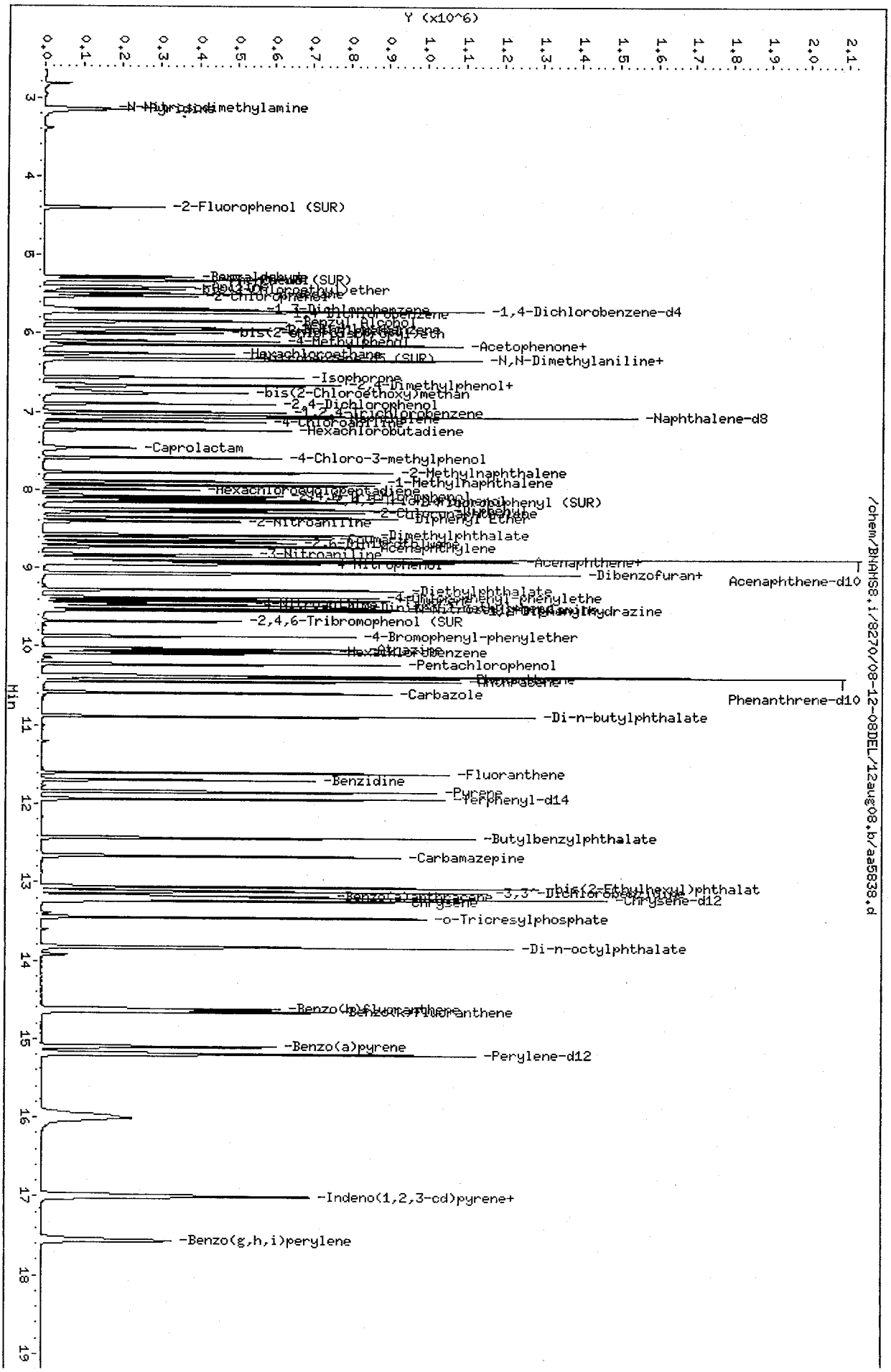
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	3 2-Methylphenol	108	5.954	5.954	(1.042)	90721	20.0000	20
	24 bis(2-chloroisopropyl)ether	45	6.001	6.001	(1.050)	177748	20.0000	21
	4 4-Methylphenol	108	6.101	6.101	(1.067)	93943	20.0000	20
	104 Acetophenone	105	6.147	6.147	(1.076)	170358	20.0000	21
	25 N-Nitroso-di-n-propylamine	70	6.147	6.147	(1.076)	96046	20.0000	21
	26 Hexachloroethane	117	6.260	6.260	(1.095)	58343	20.0000	20
$	76 Nitrobenzene-d5 (SUR)	82	6.320	6.320	(0.895)	147444	20.0000	19
	107 N,N-Dimethylaniline	120	6.333	6.333	(1.108)	147408	20.0000	18
	27 Nitrobenzene	77	6.340	6.340	(0.898)	202791	20.0000	20(H)
	28 Isophorone	82	6.559	6.559	(0.929)	270053	20.0000	20
	6 2,4-Dimethylphenol	122	6.659	6.659	(0.943)	93760	20.0000	17
	5 2-Nitrophenol	139	6.666	6.666	(0.944)	64868	20.0000	18(H)
	29 bis(2-Chloroethoxy)methane	93	6.759	6.759	(0.958)	132405	20.0000	19
	7 2,4-Dichlorophenol	162	6.898	6.898	(0.977)	101154	20.0000	19
	30 1,2,4-Trichlorobenzene	180	6.998	6.998	(0.992)	117777	20.0000	20
*	80 Naphthalene-d8	136	7.058	7.058	(1.000)	639264	40.0000	
	31 Naphthalene	128	7.078	7.078	(1.003)	277913	20.0000	18
	32 4-Chloroaniline	127	7.124	7.124	(1.009)	123620	20.0000	19
	33 Hexachlorobutadiene	225	7.237	7.237	(1.025)	68720	20.0000	21
	111 Caprolactam	113	7.463	7.463	(1.057)	36268	20.0000	21(H)
	8 4-Chloro-3-methylphenol	107	7.589	7.589	(1.075)	111779	20.0000	20
	34 2-Methylnaphthalene	142	7.775	7.775	(1.102)	207691	20.0000	18
	120 1-Methylnaphthalene	142	7.895	7.895	(1.119)	208213	20.0000	17(A)
	35 Hexachlorocyclopentadiene	237	8.001	8.001	(0.901)	56516	20.0000	20
	9 2,4,6-Trichlorophenol	196	8.081	8.081	(0.910)	83085	20.0000	21
	10 2,4,5-Trichlorophenol	196	8.121	8.121	(0.915)	90190	20.0000	21(H)
$	77 2-Fluorobiphenyl (SUR)	172	8.148	8.148	(0.918)	254380	20.0000	20
	102 Diphenyl	154	8.247	8.247	(0.929)	271062	20.0000	20
	36 2-Chloronaphthalene	162	8.281	8.281	(0.933)	224018	20.0000	20
	103 Diphenyl Ether	170	8.354	8.354	(0.941)	160919	20.0000	20
	37 2-Nitroaniline	65	8.400	8.400	(0.946)	99376	20.0000	22
	38 Dimethylphthalate	163	8.573	8.573	(0.966)	311133	20.0000	20
	114 Coumarin	146	8.626	8.626	(1.222)	91090	20.0000	19
	40 2,6-Dinitrotoluene	165	8.673	8.673	(0.977)	74085	20.0000	21
	39 Acenaphthylene	152	8.726	8.726	(0.983)	343272	20.0000	20
	41 3-Nitroaniline	138	8.826	8.826	(0.994)	68183	20.0000	20
*	82 Acenaphthene-d10	164	8.879	8.879	(1.000)	448569	40.0000	
	42 Acenaphthene	154	8.912	8.912	(1.004)	252408	20.0000	20
	11 2,4-Dinitrophenol	184	8.919	8.919	(1.004)	80532	30.0000	32
	12 4-Nitrophenol	65	8.945	8.945	(1.007)	131181	30.0000	32
	43 Dibenzofuran	168	9.065	9.065	(1.021)	335068	20.0000	20
	44 2,4-Dinitrotoluene	165	9.072	9.072	(1.022)	109543	20.0000	20
	45 Diethylphthalate	149	9.278	9.278	(1.045)	335331	20.0000	20
	46 4-Chlorophenyl-phenylether	204	9.377	9.377	(1.056)	134094	20.0000	21
	47 Fluorene	166	9.410	9.410	(1.060)	271808	20.0000	20
	48 4-Nitroaniline	138	9.457	9.457	(1.065)	68478	20.0000	20
	13 4,6-Dinitro-2-methylphenol	198	9.490	9.490	(0.915)	99397	30.0000	31

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5838.d
Report Date: 12-Aug-2008 12:50

		QUANT SIG					AMOUNTS	
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	49 N-Nitrosodiphenylamine	169	9.504	9.504	(0.916)	194182	20.0000	19
	75 1,2-Diphenylhydrazine	77	9.537	9.537	(0.919)	380637	20.0000	20
$	18 2,4,6-Tribromophenol (SUR)	330	9.683	9.683	(1.091)	42720	20.0000	22
	50 4-Bromophenyl-phenylether	248	9.876	9.876	(0.952)	74384	20.0000	22
	112 Atrazine	200	10.029	10.029	(0.967)	82549	20.0000	23
	51 Hexachlorobenzene	284	10.055	10.055	(0.969)	79224	20.0000	22
	14 Pentachlorophenol	266	10.228	10.228	(0.986)	88289	30.0000	31
*	83 Phenanthrene-d10	188	10.374	10.374	(1.000)	693688	40.0000	
	52 Phenanthrene	178	10.394	10.394	(1.002)	400108	20.0000	20
	53 Anthracene	178	10.441	10.441	(1.006)	398351	20.0000	20
	54 Carbazole	167	10.587	10.587	(1.020)	379860	20.0000	20(M)
	55 Di-n-butylphthalate	149	10.886	10.886	(1.049)	586708	20.0000	19
	56 Fluoranthene	202	11.604	11.604	(1.119)	445505	20.0000	21
	58 Benzidine	184	11.697	11.697	(1.127)	267061	30.0000	44
	57 Pyrene	202	11.843	11.843	(0.896)	464780	20.0000	22
$	78 Terphenyl-d14	244	11.936	11.936	(0.903)	296634	20.0000	23
	59 Butylbenzylphthalate	149	12.435	12.435	(0.941)	290107	20.0000	20
	118 Carbamazepine	193	12.667	12.667	(0.959)	223749	20.0000	21(A)
	63 bis(2-Ethylhexyl)phthalate	149	13.059	13.059	(0.988)	402716	20.0000	19
	60 3,3'-Dichlorobenzidine	252	13.119	13.119	(0.993)	228659	30.0000	34
	61 Benzo(a)anthracene	228	13.179	13.179	(0.997)	412277	20.0000	22
*	81 Chrysene-d12	240	13.212	13.212	(1.000)	682617	40.0000	
	62 Chrysene	228	13.239	13.239	(1.002)	388323	20.0000	22
	117 o-Tricresylphosphate	165	13.451	13.451	(1.018)	129437	20.0000	20(A)
	64 Di-n-octylphthalate	149	13.830	13.830	(0.910)	687197	20.0000	19
	65 Benzo(b)fluoranthene	252	14.621	14.621	(0.962)	468088	20.0000	20(H)
	66 Benzo(k)fluoranthene	252	14.654	14.654	(0.964)	433773	20.0000	25
	67 Benzo(a)pyrene	252	15.100	15.100	(0.993)	405201	20.0000	22
*	84 Perylene-d12	264	15.199	15.199	(1.000)	644640	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.014	17.014	(1.119)	441840	20.0000	22
	69 Dibenz(a,h)anthracene	278	17.007	17.007	(1.119)	369329	20.0000	22
	70 Benzo(g,h,i)perylene	276	17.565	17.565	(1.156)	384474	20.0000	21

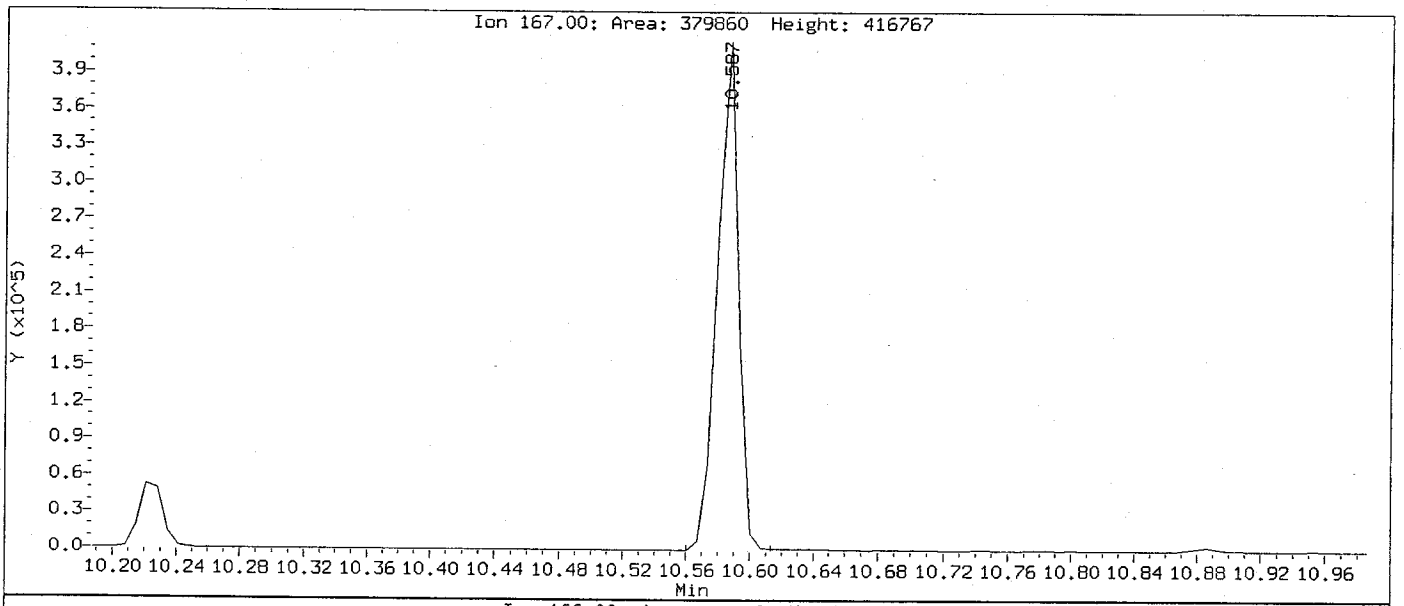
QC Flag Legend

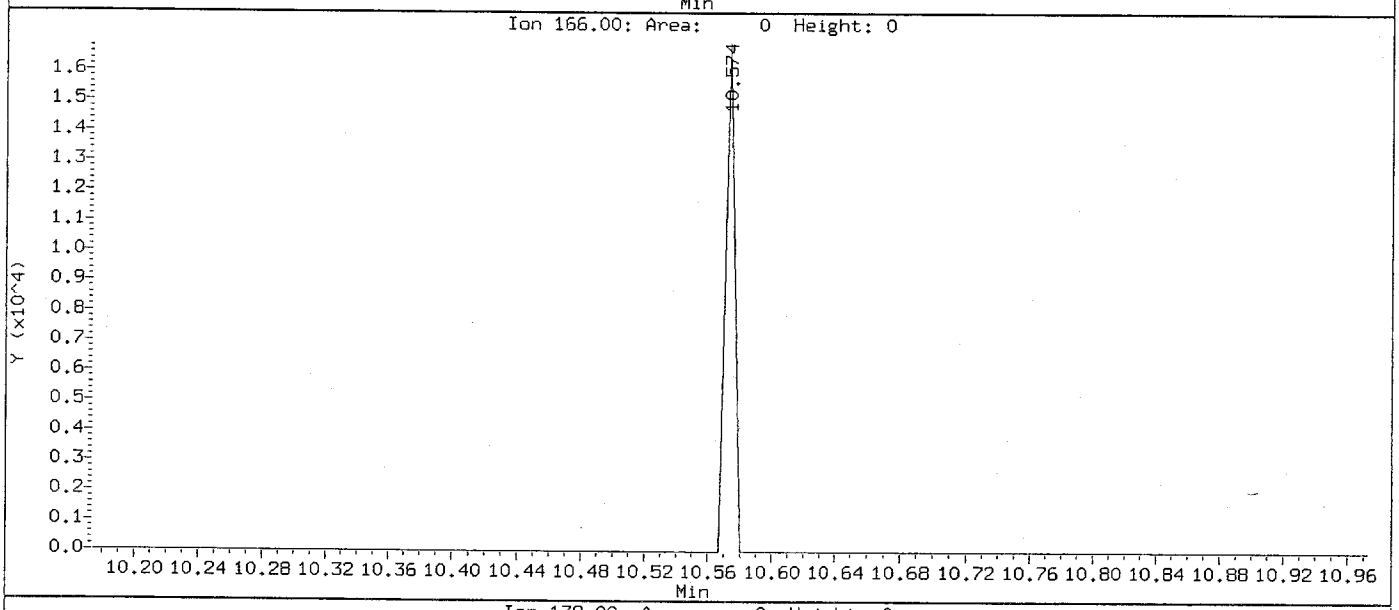
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

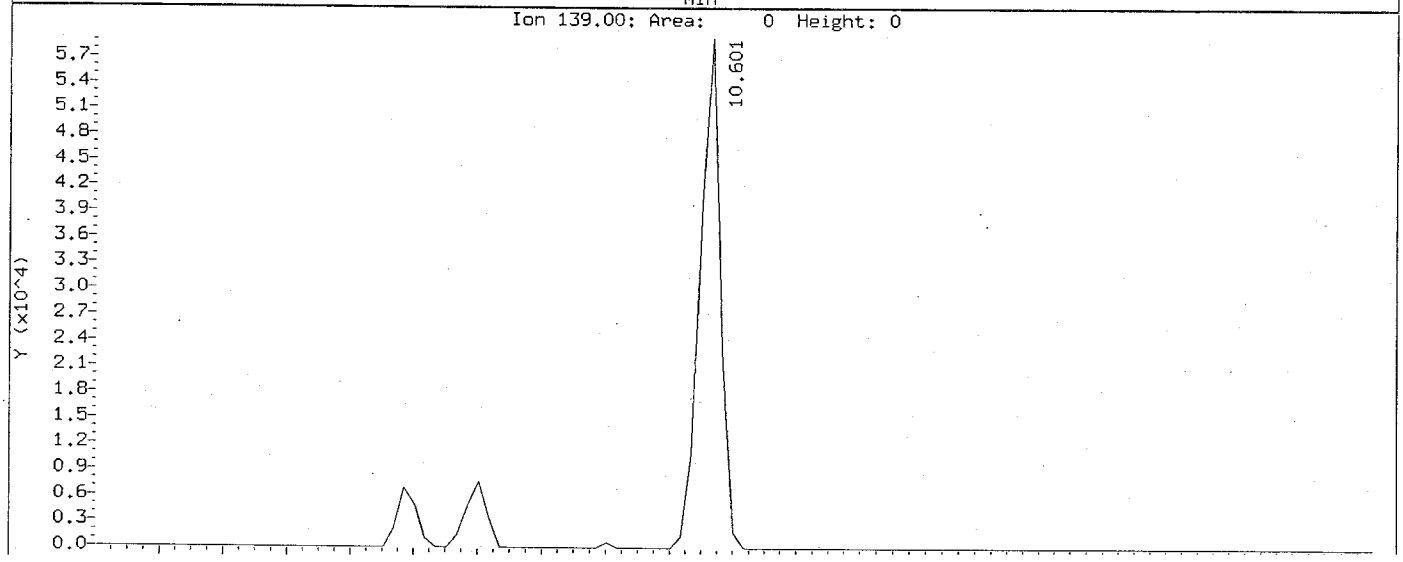

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5838.d
Date : 12-AUG-2008 12:09
Client ID:
Sample Info: AASTD020
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5838.d
Y (x10^6)
Min
-N-Nitrosodimethylamine
-2-Fluorophenol (SUR)
-1,4-Dichlorobenzene-d4
-Acetophenone+
-N,N-Dimethylaniline+
-2,4-Dimethylphenol+
-Naphthalene-d8
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-1-Methylnaphthalene
-Hexachlorocyclopentadiene
-2-Nitroaniline
-Diphenyl Ether
-Dimethylphthalate
-Acenaphthene+
-Dibenzofuran+
Acenaphthene-d10
-Diethylphthalate
-2,4,6-Tribromophenol (SUR
-4-Bromophenyl-phenylether
-Pentachlorophenol
-Carbazole
Phenanthrene-d10
-Di-n-butylphthalate
-Fluoranthene
-Benzidine
-Pyrene
-Terphenyl-d14
-Butylbenzylphthalate
-Carbamazepine
-bis(2-Ethylhexyl)phthalat
-Chrysene-d12
-o-Tricresylphosphate
-Di-n-octylphthalate
-Benzo(a)pyrene
-Perylene-d12
-Indeno(1,2,3-cd)pyrene+
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5838.d
Injection Date: 12-AUG-2008 12:09
Instrument: BNAMS8.i
Client Sample ID:

Compound: Carbazole
CAS Number: 86-74-8







Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5834.d
Report Date: 12-Aug-2008 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5834.d
Lab Smp Id: AASTD050
Inj Date : 12-AUG-2008 10:32
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD050
Misc Info : 50 ng/uL BNA Std Lot 4268
Comment :
Method : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/8270Cdel_08.m
Meth Date : 12-Aug-2008 12:49 czhao Quant Type: ISTD
Cal Date : 12-AUG-2008 10:32 Cal File: aa5834.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	2.827	2.817	(0.494)	63254	50.0000	50
19	N-Nitrosodimethylamine	74	3.140	3.130	(0.549)	118805	50.0000	50
71	Pyridine	79	3.160	3.150	(0.553)	198381	50.0000	50
$ 16	2-Fluorophenol (SUR)	112	4.396	4.393	(0.769)	189087	50.0000	50
110	Benzaldehyde	77	5.280	5.276	(0.923)	161497	50.0000	50
$ 17	Phenol-d5 (SUR)	99	5.320	5.310	(0.930)	242801	50.0000	50
1	Phenol	94	5.333	5.323	(0.933)	263901	50.0000	50
73	Aniline	93	5.413	5.409	(0.947)	293582	50.0000	50
20	bis(2-Chloroethyl)ether	93	5.446	5.436	(0.952)	214054	50.0000	50
113	n-decane	43	5.499	5.496	(0.962)	261701	50.0000	50
2	2-Chlorophenol	128	5.532	5.529	(0.967)	207627	50.0000	50
21	1,3-Dichlorobenzene	146	5.685	5.682	(0.994)	260372	50.0000	50
* 79	1,4-Dichlorobenzene-d4	152	5.718	5.715	(1.000)	141610	40.0000	
22	1,4-Dichlorobenzene	146	5.738	5.735	(1.003)	279635	50.0000	50
74	Benzyl Alcohol	108	5.858	5.848	(1.024)	141910	50.0000	50
23	1,2-Dichlorobenzene	146	5.938	5.934	(1.038)	261344	50.0000	50

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5834.d
Report Date: 12-Aug-2008 12:50

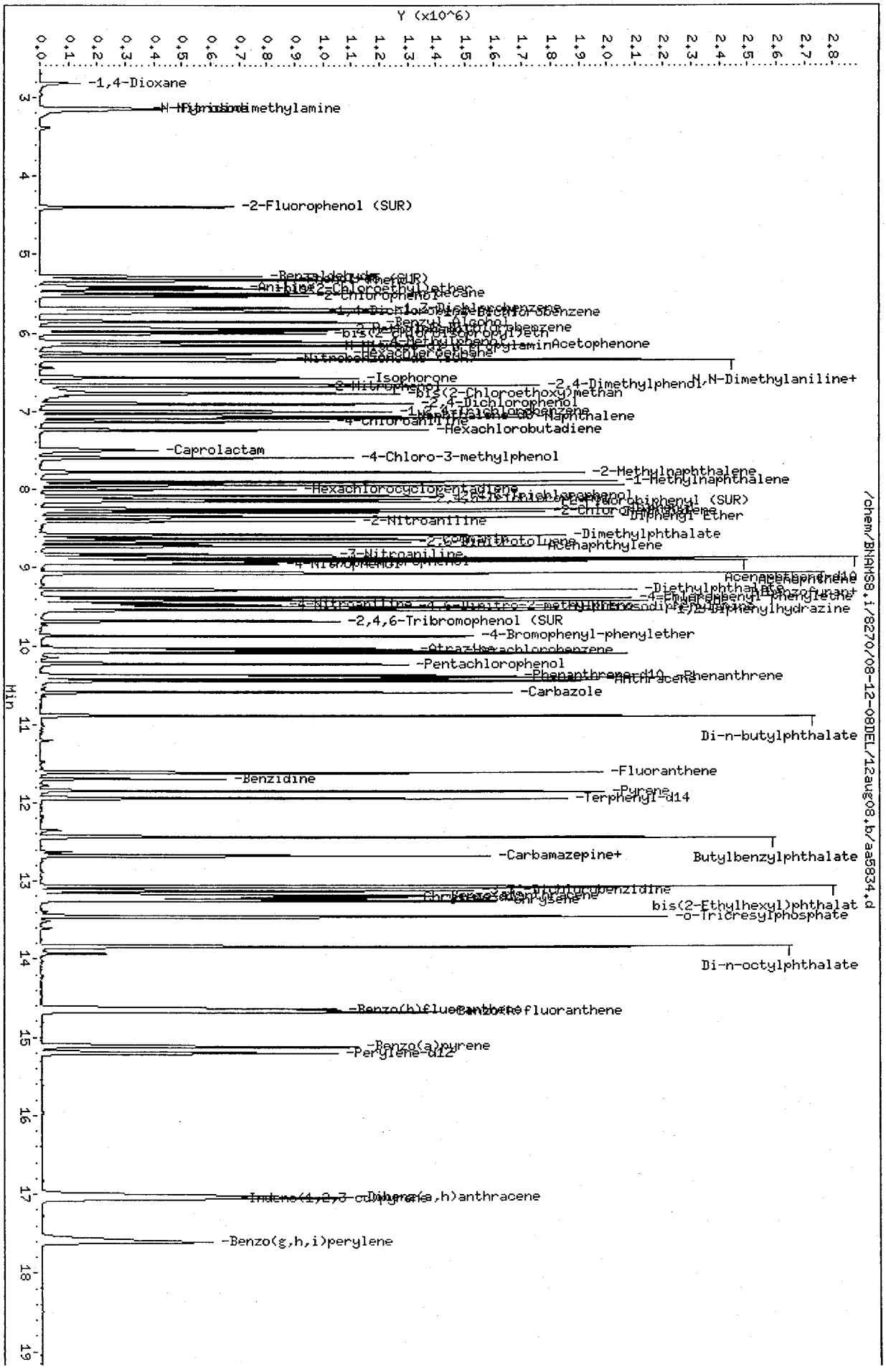
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	3 2-Methylphenol	108	5.964	5.954	(1.043)	191926	50.0000	50
	24 bis(2-chloroisopropyl)ether	45	6.004	6.001	(1.050)	370205	50.0000	50
	4 4-Methylphenol	108	6.111	6.101	(1.069)	204690	50.0000	50
	104 Acetophenone	105	6.150	6.147	(1.076)	366652	50.0000	50
	25 N-Nitroso-di-n-propylamine	70	6.164	6.147	(1.078)	199706	50.0000	50
	26 Hexachloroethane	117	6.263	6.260	(1.095)	126055	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	6.323	6.320	(0.896)	311657	50.0000	50
	107 N,N-Dimethylaniline	120	6.343	6.333	(1.109)	334914	50.0000	50
	27 Nitrobenzene	77	6.343	6.340	(0.898)	418564	50.0000	50
	28 Isophorone	82	6.569	6.559	(0.930)	537702	50.0000	50
	6 2,4-Dimethylphenol	122	6.662	6.659	(0.944)	212136	50.0000	50
	5 2-Nitrophenol	139	6.676	6.666	(0.945)	145768	50.0000	50
	29 bis(2-Chloroethoxy)methane	93	6.769	6.759	(0.959)	276222	50.0000	50
	7 2,4-Dichlorophenol	162	6.902	6.898	(0.977)	222498	50.0000	50
	30 1,2,4-Trichlorobenzene	180	7.008	6.998	(0.992)	249757	50.0000	50
*	80 Naphthalene-d8	136	7.061	7.058	(1.000)	542392	40.0000	
	31 Naphthalene	128	7.081	7.078	(1.003)	621141	50.0000	50
	32 4-Chloroaniline	127	7.134	7.124	(1.010)	252993	50.0000	50
	33 Hexachlorobutadiene	225	7.240	7.237	(1.025)	142875	50.0000	50
	111 Caprolactam	113	7.500	7.463	(1.062)	75359	50.0000	50
	8 4-Chloro-3-methylphenol	107	7.599	7.589	(1.076)	233320	50.0000	50
	34 2-Methylnaphthalene	142	7.779	7.775	(1.102)	462441	50.0000	50
	120 1-Methylnaphthalene	142	7.898	7.895	(1.119)	451192	50.0000	50(A)
	35 Hexachlorocyclopentadiene	237	7.998	8.001	(0.900)	121158	50.0000	50
	9 2,4,6-Trichlorophenol	196	8.085	8.081	(0.910)	173955	50.0000	50
	10 2,4,5-Trichlorophenol	196	8.131	8.121	(0.915)	181866	50.0000	50
$	77 2-Fluorobiphenyl (SUR)	172	8.158	8.148	(0.918)	557735	50.0000	50
	102 Diphenyl	154	8.257	8.247	(0.930)	603896	50.0000	50
	36 2-Chloronaphthalene	162	8.291	8.281	(0.933)	470919	50.0000	50
	103 Diphenyl Ether	170	8.357	8.354	(0.941)	345256	50.0000	50
	37 2-Nitroaniline	65	8.410	8.400	(0.947)	195430	50.0000	50
	38 Dimethylphthalate	163	8.583	8.573	(0.966)	657592	50.0000	50
	114 Coumarin	146	8.636	8.626	(1.223)	179978	50.0000	50
	40 2,6-Dinitrotoluene	165	8.676	8.673	(0.977)	152237	50.0000	50
	39 Acenaphthylene	152	8.729	8.726	(0.983)	718486	50.0000	50
	41 3-Nitroaniline	138	8.836	8.826	(0.995)	140398	50.0000	50
*	82 Acenaphthene-d10	164	8.882	8.879	(1.000)	401552	40.0000	
	42 Acenaphthene	154	8.915	8.912	(1.004)	519783	50.0000	50
	11 2,4-Dinitrophenol	184	8.929	8.919	(1.005)	107824	50.0000	50
	12 4-Nitrophenol	65	8.949	8.945	(1.007)	171861	50.0000	50
	43 Dibenzofuran	168	9.068	9.065	(1.021)	742149	50.0000	50
	44 2,4-Dinitrotoluene	165	9.075	9.072	(1.022)	236081	50.0000	50
	45 Diethylphthalate	149	9.281	9.278	(1.045)	721625	50.0000	50
	46 4-Chlorophenyl-phenylether	204	9.381	9.377	(1.056)	275399	50.0000	50
	47 Fluorene	166	9.420	9.410	(1.061)	587883	50.0000	50
	48 4-Nitroaniline	138	9.474	9.457	(1.067)	138262	50.0000	50
	13 4,6-Dinitro-2-methylphenol	198	9.500	9.490	(0.915)	134428	50.0000	50

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5834.d
Report Date: 12-Aug-2008 12:50

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	49	N-Nitrosodiphenylamine	169	9.514	9.504	(0.917)	416358	50.0000	50
	75	1,2-Diphenylhydrazine	77	9.547	9.537	(0.920)	804210	50.0000	50
$	18	2,4,6-Tribromophenol (SUR)	330	9.686	9.683	(1.091)	87338	50.0000	50
	50	4-Bromophenyl-phenylether	248	9.879	9.876	(0.952)	150783	50.0000	50
	112	Atrazine	200	10.039	10.029	(0.967)	141719	50.0000	50
	51	Hexachlorobenzene	284	10.065	10.055	(0.970)	161750	50.0000	50
	14	Pentachlorophenol	266	10.231	10.228	(0.986)	120240	50.0000	50
*	83	Phenanthrene-d10	188	10.378	10.374	(1.000)	600538	40.0000	
	52	Phenanthrene	178	10.404	10.394	(1.003)	862800	50.0000	50
	53	Anthracene	178	10.451	10.441	(1.007)	847003	50.0000	50
	54	Carbazole	167	10.590	10.587	(1.020)	777380	50.0000	50
	55	Di-n-butylphthalate	149	10.889	10.886	(1.049)	1292767	50.0000	50
	56	Fluoranthene	202	11.614	11.604	(1.119)	902890	50.0000	50
	58	Benzidine	184	11.700	11.697	(1.127)	222631	50.0000	50
	57	Pyrene	202	11.853	11.843	(0.897)	936798	50.0000	50
$	78	Terphenyl-d14	244	11.946	11.936	(0.904)	583844	50.0000	50
	59	Butylbenzylphthalate	149	12.438	12.435	(0.941)	631909	50.0000	50
	109	2,3,7,8-TCDD (Screen)	320	12.671	12.671	(0.959)	1297	0.50000	0.50(M)
	118	Carbamazepine	193	12.677	12.667	(0.959)	422864	50.0000	50(A)
	63	bis(2-Ethylhexyl)phthalate	149	13.069	13.059	(0.989)	911174	50.0000	50
	60	3,3'-Dichlorobenzidine	252	13.129	13.119	(0.993)	308081	50.0000	50
	61	Benzo(a)anthracene	228	13.189	13.179	(0.998)	808397	50.0000	50
*	81	Chrysene-d12	240	13.216	13.212	(1.000)	596676	40.0000	
	62	Chrysene	228	13.255	13.239	(1.003)	757936	50.0000	50
	117	o-Tricresylphosphate	165	13.455	13.451	(1.018)	274067	50.0000	50(A)
	64	Di-n-octylphthalate	149	13.840	13.830	(0.910)	1547790	50.0000	50
	65	Benzo(b)fluoranthene	252	14.644	14.621	(0.963)	977591	50.0000	50
	66	Benzo(k)fluoranthene	252	14.678	14.654	(0.965)	823249	50.0000	50
	67	Benzo(a)pyrene	252	15.123	15.100	(0.995)	803712	50.0000	50
*	84	Perylene-d12	264	15.203	15.199	(1.000)	551375	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	17.057	17.014	(1.122)	887025	50.0000	50
	69	Dibenz(a,h)anthracene	278	17.037	17.007	(1.121)	742704	50.0000	50
	70	Benzo(g,h,i)perylene	276	17.609	17.565	(1.158)	789585	50.0000	50

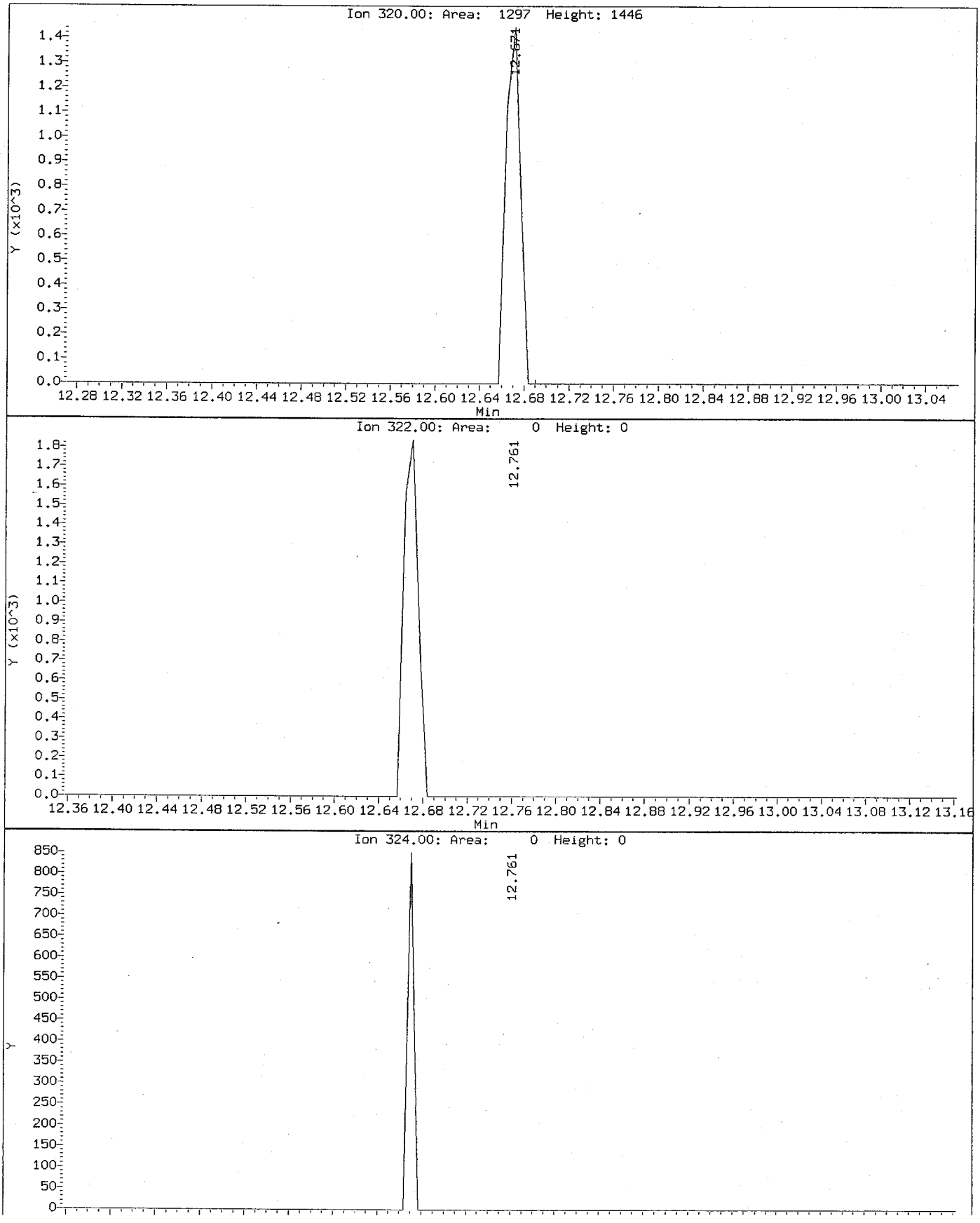
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.


Data File: /chem/BNAHS8.i/8270/08-12-08DEL/12aug08.b/aa5834.d
Date : 12-AUG-2008 10:32
Client ID:
Sample Info: AASTD050
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAHS8.i
Operator: BNAHS 4
Column diameter: 0.25
/chem/BNAHS8.i/8270/08-12-08DEL/12aug08.b/aa5834.d
Y (x10^6)
Min
-1,4-Dioxane
-2-Fluorophenol (SUR)
-Isophorone
-2,4-Dimethylphenol
N,N-Dimethylaniline+
bis(2-Chloroethoxy)methan
-2,4-Dichlorophenol
-Naphthalene
-4-Chloroaniline
-Hexachlorobutadiene
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-1-Methylnaphthalene
-2-Nitroaniline
-Dimethylphthalate
-Acenaphthylene
-3-Nitroaniline
-2,4-Dinitrophenol
-2,4-Dinitrotoluene
-Diethylphthalate
-Fluorene
-4-Chlorophenyl-phenylether
-Diphenylhydrazine
-2,4,6-Tribromophenol (SUR
-4-Bromophenyl-phenylether
-Hexachlorobenzene
-Pentachlorophenol
-Phenanthrene
-Anthracene
-Carbazole
Di-n-butylphthalate
-Fluoranthene
-Benzidine
-Pyrene
-Terphenyl-d14
-Carbamazepine+
Butylbenzylphthalate
-3,3'-Dichlorobenzidine
-Benzo(a)anthracene
-Chrysene
bis(2-Ethylhexyl)phthalat
-o-Tricresylphosphate
Di-n-octylphthalate
-Benzo(b)fluoranthene
-Benzo(k)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Indeno(1,2,3-cd)pyrene
-Dibenz(a,h)anthracene
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5834.d
Injection Date: 12-AUG-2008 10:32
Instrument: BNAMS8.i
Client Sample ID:

Compound: 2,3,7,8-TCDD (Screen)
CAS Number:



Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5837.d
Report Date: 12-Aug-2008 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5837.d
Lab Smp Id: AASTD080
Inj Date : 12-AUG-2008 11:44
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD080
Misc Info : 80 ng/uL BNA Std Lot 4269
Comment :
Method : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/8270Cdel_08.m
Meth Date : 12-Aug-2008 12:49 czhao Quant Type: ISTD
Cal Date : 12-AUG-2008 10:32 Cal File: aa5834.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	2.825	2.817	(0.494)	120240	80.0000	82
19	N-Nitrosodimethylamine	74	3.144	3.130	(0.549)	230324	80.0000	80
71	Pyridine	79	3.157	3.150	(0.552)	396561	80.0000	80
$ 16	2-Fluorophenol (SUR)	112	4.400	4.393	(0.769)	400022	80.0000	84
110	Benzaldehyde	77	5.277	5.276	(0.922)	176186	80.0000	62
$ 17	Phenol-d5 (SUR)	99	5.330	5.310	(0.931)	543835	80.0000	86
1	Phenol	94	5.344	5.323	(0.934)	571475	80.0000	84
73	Aniline	93	5.417	5.409	(0.947)	601235	80.0000	79
20	bis(2-Chloroethyl)ether	93	5.450	5.436	(0.952)	431503	80.0000	84
113	n-decane	43	5.496	5.496	(0.960)	478474	80.0000	71
2	2-Chlorophenol	128	5.536	5.529	(0.967)	439844	80.0000	85
21	1,3-Dichlorobenzene	146	5.689	5.682	(0.994)	546418	80.0000	83
* 79	1,4-Dichlorobenzene-d4	152	5.722	5.715	(1.000)	170147	40.0000	
22	1,4-Dichlorobenzene	146	5.742	5.735	(1.003)	578728	80.0000	84
74	Benzyl Alcohol	108	5.862	5.848	(1.024)	295172	80.0000	83
23	1,2-Dichlorobenzene	146	5.942	5.934	(1.038)	543628	80.0000	84

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5837.d
Report Date: 12-Aug-2008 12:50

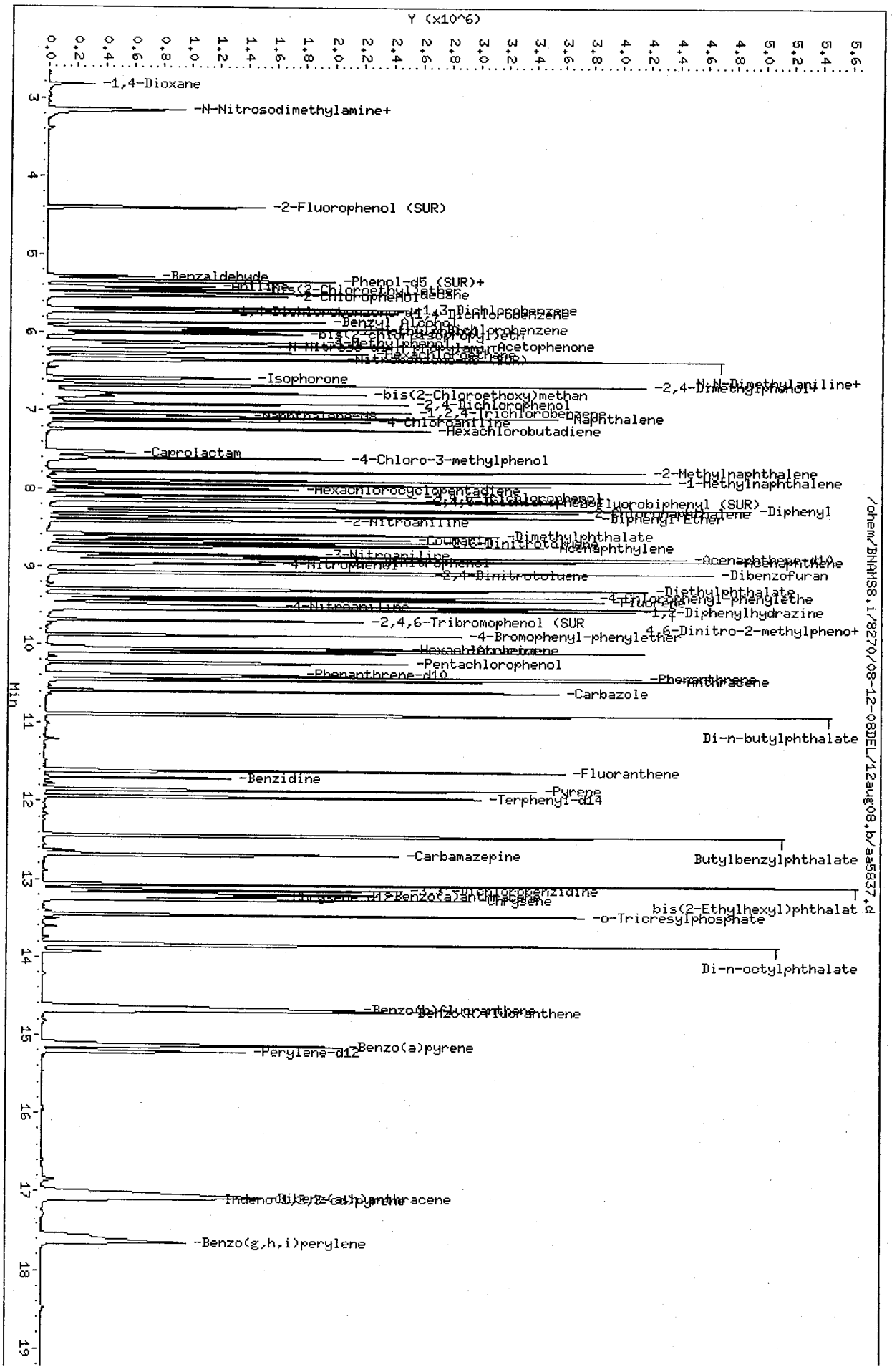
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
3	2-Methylphenol	108	5.968	5.954	(1.043)	412904	80.0000	84
24	bis(2-chloroisopropyl)ether	45	6.008	6.001	(1.050)	675299	80.0000	76
4	4-Methylphenol	108	6.121	6.101	(1.070)	435336	80.0000	85
104	Acetophenone	105	6.161	6.147	(1.077)	738435	80.0000	84
25	N-Nitroso-di-n-propylamine	70	6.181	6.147	(1.080)	390613	80.0000	79
26	Hexachloroethane	117	6.261	6.260	(1.094)	257058	80.0000	82
$ 76	Nitrobenzene-d5 (SUR)	82	6.334	6.320	(0.897)	664554	80.0000	84
107	N,N-Dimethylaniline	120	6.347	6.333	(1.109)	789182	80.0000	92
27	Nitrobenzene	77	6.354	6.340	(0.900)	838036	80.0000	98(H)
28	Isophorone	82	6.586	6.559	(0.933)	1091262	80.0000	78
6	2,4-Dimethylphenol	122	6.673	6.659	(0.945)	502929	80.0000	90
5	2-Nitrophenol	139	6.679	6.666	(0.946)	349498	80.0000	110
29	bis(2-Chloroethoxy)methane	93	6.772	6.759	(0.960)	575744	80.0000	82
7	2,4-Dichlorophenol	162	6.912	6.898	(0.979)	474029	80.0000	84
30	1,2,4-Trichlorobenzene	180	7.005	6.998	(0.992)	483040	80.0000	80
* 80	Naphthalene-d8	136	7.058	7.058	(1.000)	663073	40.0000	
31	Naphthalene	128	7.085	7.078	(1.004)	1397474	80.0000	87
32	4-Chloroaniline	127	7.138	7.124	(1.011)	575209	80.0000	85
33	Hexachlorobutadiene	225	7.238	7.237	(1.025)	240935	80.0000	72
111	Caprolactam	113	7.543	7.463	(1.069)	140637	80.0000	96(H)
8	4-Chloro-3-methylphenol	107	7.610	7.589	(1.078)	498027	80.0000	84
34	2-Methylnaphthalene	142	7.783	7.775	(1.103)	1051235	80.0000	88
120	1-Methylnaphthalene	142	7.902	7.895	(1.120)	1075245	80.0000	86(A)
35	Hexachlorocyclopentadiene	237	8.002	8.001	(0.901)	228680	80.0000	74
9	2,4,6-Trichlorophenol	196	8.088	8.081	(0.911)	338837	80.0000	77
10	2,4,5-Trichlorophenol	196	8.142	8.121	(0.917)	350710	80.0000	94
$ 77	2-Fluorobiphenyl (SUR)	172	8.162	8.148	(0.919)	1176028	80.0000	82
102	Diphenyl	154	8.261	8.247	(0.930)	1342576	80.0000	88
36	2-Chloronaphthalene	162	8.294	8.281	(0.934)	1021549	80.0000	82
103	Diphenyl Ether	170	8.361	8.354	(0.942)	700853	80.0000	79
37	2-Nitroaniline	65	8.421	8.400	(0.948)	390968	80.0000	76
38	Dimethylphthalate	163	8.594	8.573	(0.968)	1402818	80.0000	81
114	Coumarin	146	8.647	8.626	(1.225)	404386	80.0000	81
40	2,6-Dinitrotoluene	165	8.687	8.673	(0.978)	321283	80.0000	83
39	Acenaphthylene	152	8.733	8.726	(0.984)	1617288	80.0000	83
41	3-Nitroaniline	138	8.846	8.826	(0.996)	302457	80.0000	81
* 82	Acenaphthene-d10	164	8.879	8.879	(1.000)	499033	40.0000	
42	Acenaphthene	154	8.919	8.912	(1.004)	1061014	80.0000	76
11	2,4-Dinitrophenol	184	8.939	8.919	(1.007)	240850	80.0000	85
12	4-Nitrophenol	65	8.966	8.945	(1.010)	359037	80.0000	79
43	Dibenzofuran	168	9.072	9.065	(1.022)	1543136	80.0000	81
44	2,4-Dinitrotoluene	165	9.085	9.072	(1.023)	493801	80.0000	81
45	Diethylphthalate	149	9.291	9.278	(1.046)	1552158	80.0000	82
46	4-Chlorophenyl-phenylether	204	9.384	9.377	(1.057)	506964	80.0000	72
47	Fluorene	166	9.424	9.410	(1.061)	1242036	80.0000	82
48	4-Nitroaniline	138	9.497	9.457	(1.070)	298769	80.0000	79
13	4,6-Dinitro-2-methylphenol	198	9.517	9.490	(0.917)	273514	80.0000	80

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5837.d
Report Date: 12-Aug-2008 12:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	49 N-Nitrosodiphenylamine	169	9.524	9.504	(0.917)	938360	80.0000	86
	75 1,2-Diphenylhydrazine	77	9.551	9.537	(0.920)	1611415	80.0000	79
$	18 2,4,6-Tribromophenol (SUR)	330	9.690	9.683	(1.091)	168298	80.0000	78
	50 4-Bromophenyl-phenylether	248	9.883	9.876	(0.952)	263539	80.0000	72
	112 Atrazine	200	10.049	10.029	(0.968)	287735	80.0000	75
	51 Hexachlorobenzene	284	10.069	10.055	(0.970)	274425	80.0000	72
	14 Pentachlorophenol	266	10.235	10.228	(0.986)	236925	80.0000	78
*	83 Phenanthrene-d10	188	10.381	10.374	(1.000)	739118	40.0000	
	52 Phenanthrene	178	10.408	10.394	(1.003)	1776526	80.0000	82
	53 Anthracene	178	10.455	10.441	(1.007)	1737287	80.0000	81
	54 Carbazole	167	10.601	10.587	(1.021)	1713329	80.0000	84
	55 Di-n-butylphthalate	149	10.893	10.886	(1.049)	2842479	80.0000	87
	56 Fluoranthene	202	11.618	11.604	(1.119)	1696233	80.0000	75
	58 Benzidine	184	11.704	11.697	(1.127)	451077	80.0000	70
	57 Pyrene	202	11.857	11.843	(0.896)	1785166	80.0000	76
$	78 Terphenyl-d14	244	11.950	11.936	(0.904)	994812	80.0000	69
	59 Butylbenzylphthalate	149	12.442	12.435	(0.941)	1427633	80.0000	87
	118 Carbamazepine	193	12.688	12.667	(0.959)	966834	80.0000	82(A)
	63 bis(2-Ethylhexyl)phthalate	149	13.073	13.059	(0.988)	2057789	80.0000	88
	60 3,3'-Dichlorobenzidine	252	13.140	13.119	(0.993)	534626	80.0000	72
	61 Benzo(a)anthracene	228	13.199	13.179	(0.998)	1523934	80.0000	73
*	81 Chrysene-d12	240	13.226	13.212	(1.000)	752218	40.0000	
	62 Chrysene	228	13.266	13.239	(1.003)	1361721	80.0000	71
	117 o-Tricresylphosphate	165	13.465	13.451	(1.018)	582134	80.0000	80(A)
	64 Di-n-octylphthalate	149	13.844	13.830	(0.910)	3580951	80.0000	91
	65 Benzo(b)fluoranthene	252	14.668	14.621	(0.964)	2254480	80.0000	92
	66 Benzo(k)fluoranthene	252	14.695	14.654	(0.966)	1064018	80.0000	56(H)
	67 Benzo(a)pyrene	252	15.140	15.100	(0.995)	1614559	80.0000	81
*	84 Perylene-d12	264	15.213	15.199	(1.000)	692224	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.101	17.014	(1.124)	1788204	80.0000	82
	69 Dibenz(a,h)anthracene	278	17.068	17.007	(1.122)	1518903	80.0000	83
	70 Benzo(g,h,i)perylene	276	17.652	17.565	(1.160)	1600282	80.0000	81

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.


Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5837.d
Date : 12-AUG-2008 11:44
Client ID:
Sample Info: AASTD080
Volume Injected (uL): 1.0
Column phase: DB-5
Operator: BNAMS 4
Instrument: BNAMS8.i
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5837.d
Y (x10^6)
Min
-1,4-Dioxane
-N-Nitrosodimethylamine+
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)+
-Isophorone
-2,4-Dimethylphenol
-bis(2-Chloroethoxy)methan
-2,4-Dichlorophenol
-Naphthalene
-4-Chloroaniline
-Hexachlorobutadiene
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-1-Methylnaphthalene
-Hexachlorocyclopentadiene
-2-Nitroaniline
-Dimethylphthalate
-Acenaphthylene
-Acenaphthene-d10
-Dibenzofuran
-Diethylphthalate
-Diphenylhydrazine
-2,4,6-Tribromophenol (SUR
-4-Bromophenyl-phenylether
-Pentachlorophenol
-Phenanthrene-d10
-Carbazole
Di-n-butylphthalate
-Benzidine
-Fluoranthene
-Pyrene
-Terphenyl-d14
-Carbamazepine
Butylbenzylphthalate
bis(2-Ethylhexyl)phthalat
-o-Tricresylphosphate
Di-n-octylphthalate
-Benzo(b)fluoranthene
-Perylene-d12
Benzo(a)pyrene
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5835.d
Report Date: 12-Aug-2008 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5835.d
Lab Smp Id: AASTD120
Inj Date : 12-AUG-2008 10:56
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD120
Misc Info : 120 ng/uL BNA Std Lot 4269
Comment :
Method : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/8270Cdel_08.m
Meth Date : 12-Aug-2008 12:49 czhao Quant Type: ISTD
Cal Date : 12-AUG-2008 10:32 Cal File: aa5834.d
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	2.826	2.817	(0.494)	134217	120.000	130(A)
	19 N-Nitrosodimethylamine	74	3.145	3.130	(0.549)	249427	120.000	120(A)
	71 Pyridine	79	3.158	3.150	(0.552)	445905	120.000	130(A)
$	16 2-Fluorophenol (SUR)	112	4.401	4.393	(0.769)	460522	120.000	140(A)
	110 Benzaldehyde	77	5.278	5.276	(0.922)	118364	120.000	59
$	17 Phenol-d5 (SUR)	99	5.338	5.310	(0.933)	613263	120.000	140(A)
	1 Phenol	94	5.351	5.323	(0.935)	648877	120.000	140(A)
	73 Aniline	93	5.418	5.409	(0.947)	678941	120.000	130(A)
	20 bis(2-Chloroethyl)ether	93	5.451	5.436	(0.952)	502952	120.000	130(A)
	113 n-decane	43	5.498	5.496	(0.961)	570075	120.000	120
	2 2-Chlorophenol	128	5.537	5.529	(0.967)	490164	120.000	130(A)
	21 1,3-Dichlorobenzene	146	5.690	5.682	(0.994)	633328	120.000	140(A)
*	79 1,4-Dichlorobenzene-d4	152	5.723	5.715	(1.000)	119910	40.0000	
	22 1,4-Dichlorobenzene	146	5.743	5.735	(1.003)	644250	120.000	130(A)
	74 Benzyl Alcohol	108	5.870	5.848	(1.026)	322293	120.000	130(A)
	23 1,2-Dichlorobenzene	146	5.943	5.934	(1.038)	609544	120.000	130(A)

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5835.d
Report Date: 12-Aug-2008 12:50

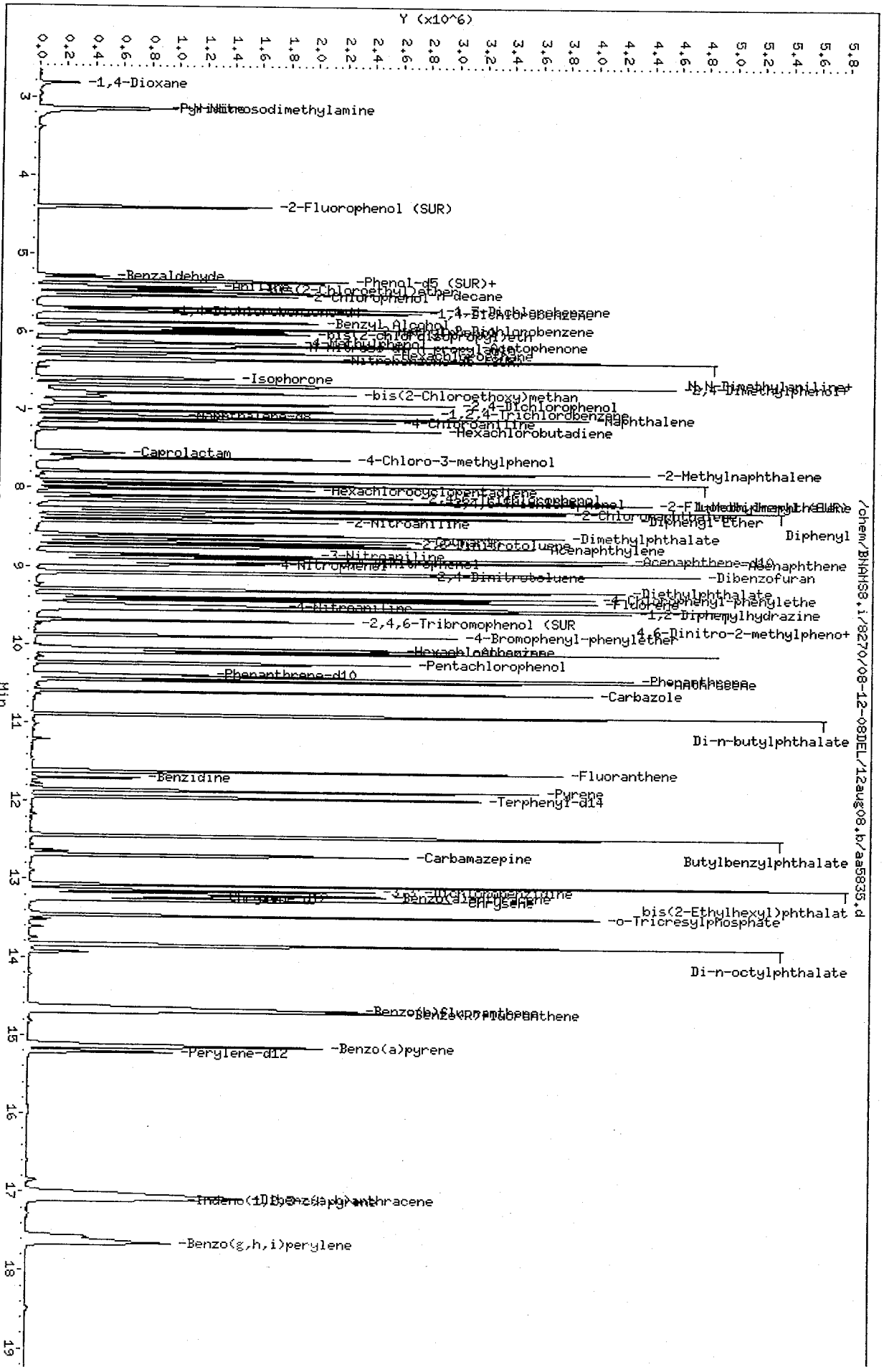
							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	3 2-Methylphenol	108	5.969	5.954	(1.043)	450685	120.000	130(A)
	24 bis(2-chloroisopropyl)ether	45	6.009	6.001	(1.050)	728973	120.000	120
	4 4-Methylphenol	108	6.129	6.101	(1.071)	474174	120.000	130(A)
	104 Acetophenone	105	6.162	6.147	(1.077)	818093	120.000	130(A)
	25 N-Nitroso-di-n-propylamine	70	6.182	6.147	(1.080)	431113	120.000	120(A)
	26 Hexachloroethane	117	6.262	6.260	(1.094)	291863	120.000	130(A)
$	76 Nitrobenzene-d5 (SUR)	82	6.335	6.320	(0.897)	742305	120.000	130(A)
	107 N,N-Dimethylaniline	120	6.348	6.333	(1.109)	890237	120.000	140(A)
	27 Nitrobenzene	77	6.355	6.340	(0.900)	922290	120.000	220(A)
	28 Isophorone	82	6.594	6.559	(0.934)	1187151	120.000	120(A)
	6 2,4-Dimethylphenol	122	6.674	6.659	(0.945)	569958	120.000	140(A)
	5 2-Nitrophenol	139	6.681	6.666	(0.946)	403444	120.000	180(A)
	29 bis(2-Chloroethoxy)methane	93	6.774	6.759	(0.960)	647160	120.000	130(A)
	7 2,4-Dichlorophenol	162	6.913	6.898	(0.979)	524139	120.000	130(A)
	30 1,2,4-Trichlorobenzene	180	7.006	6.998	(0.992)	546315	120.000	130(A)
*	80 Naphthalene-d8	136	7.059	7.058	(1.000)	463030	40.0000	
	31 Naphthalene	128	7.086	7.078	(1.004)	1598276	120.000	140(A)
	32 4-Chloroaniline	127	7.139	7.124	(1.011)	639551	120.000	140(A)
	33 Hexachlorobutadiene	225	7.239	7.237	(1.025)	261291	120.000	110
	111 Caprolactam	113	7.551	7.463	(1.070)	150077	120.000	240(A)
	8 4-Chloro-3-methylphenol	107	7.611	7.589	(1.078)	490953	120.000	120
	34 2-Methylnaphthalene	142	7.784	7.775	(1.103)	1168511	120.000	140(A)
	120 1-Methylnaphthalene	142	7.904	7.895	(1.120)	1254993	120.000	140(A)
	35 Hexachlorocyclopentadiene	237	8.003	8.001	(0.901)	259234	120.000	120
	9 2,4,6-Trichlorophenol	196	8.090	8.081	(0.911)	376139	120.000	120
	10 2,4,5-Trichlorophenol	196	8.143	8.121	(0.917)	391468	120.000	140(A)
$	77 2-Fluorobiphenyl (SUR)	172	8.163	8.148	(0.919)	1344068	120.000	130(A)
	102 Diphenyl	154	8.262	8.247	(0.930)	1473747	120.000	130(A)
	36 2-Chloronaphthalene	162	8.296	8.281	(0.934)	1125774	120.000	120(A)
	103 Diphenyl Ether	170	8.362	8.354	(0.942)	787262	120.000	120(A)
	37 2-Nitroaniline	65	8.422	8.400	(0.948)	422424	120.000	110
	38 Dimethylphthalate	163	8.595	8.573	(0.968)	1531952	120.000	120(A)
	114 Coumarin	146	8.648	8.626	(1.225)	457598	120.000	130(A)
	40 2,6-Dinitrotoluene	165	8.688	8.673	(0.978)	354675	120.000	120(A)
	39 Acenaphthylene	152	8.734	8.726	(0.984)	1801603	120.000	130(A)
	41 3-Nitroaniline	138	8.847	8.826	(0.996)	327300	120.000	120(A)
*	82 Acenaphthene-d10	164	8.880	8.879	(1.000)	362497	40.0000	
	42 Acenaphthene	154	8.920	8.912	(1.004)	1150838	120.000	110
	11 2,4-Dinitrophenol	184	8.940	8.919	(1.007)	261058	120.000	130(A)
	12 4-Nitrophenol	65	8.974	8.945	(1.010)	381473	120.000	120
	43 Dibenzofuran	168	9.073	9.065	(1.022)	1709826	120.000	120(A)
	44 2,4-Dinitrotoluene	165	9.087	9.072	(1.023)	538334	120.000	120(A)
	45 Diethylphthalate	149	9.293	9.278	(1.046)	1721895	120.000	120(A)
	46 4-Chlorophenyl-phenylether	204	9.386	9.377	(1.057)	555697	120.000	110
	47 Fluorene	166	9.425	9.410	(1.061)	1366607	120.000	120(A)
	48 4-Nitroaniline	138	9.499	9.457	(1.070)	334816	120.000	120(A)
	13 4,6-Dinitro-2-methylphenol	198	9.519	9.490	(0.917)	297273	120.000	120(A)

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5835.d
Report Date: 12-Aug-2008 12:50

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
		Compounds							
	49	N-Nitrosodiphenylamine	169	9.525	9.504	(0.917)	991094	120.000	130(A)
	75	1,2-Diphenylhydrazine	77	9.552	9.537	(0.920)	1788303	120.000	120(A)
$	18	2,4,6-Tribromophenol (SUR)	330	9.691	9.683	(1.091)	178439	120.000	110
	50	4-Bromophenyl-phenylether	248	9.884	9.876	(0.952)	288354	120.000	110
	112	Atrazine	200	10.050	10.029	(0.968)	313432	120.000	110
	51	Hexachlorobenzene	284	10.070	10.055	(0.970)	299474	120.000	110
	14	Pentachlorophenol	266	10.236	10.228	(0.986)	259920	120.000	120
*	83	Phenanthrene-d10	188	10.383	10.374	(1.000)	526023	40.0000	
	52	Phenanthrene	178	10.409	10.394	(1.003)	1937829	120.000	120(A)
	53	Anthracene	178	10.456	10.441	(1.007)	1922748	120.000	130(A)
	54	Carbazole	167	10.602	10.587	(1.021)	1864119	120.000	120(A)
	55	Di-n-butylphthalate	149	10.894	10.886	(1.049)	3074592	120.000	130(A)
	56	Fluoranthene	202	11.619	11.604	(1.119)	1838196	120.000	110
	58	Benzidine	184	11.699	11.697	(1.127)	296842	120.000	65
	57	Pyrene	202	11.858	11.843	(0.897)	1902082	120.000	110
$	78	Terphenyl-d14	244	11.951	11.936	(0.904)	1083160	120.000	100
	59	Butylbenzylphthalate	149	12.443	12.435	(0.941)	1527950	120.000	130(A)
	118	Carbamazepine	193	12.689	12.667	(0.960)	1055509	120.000	120(A)
	63	bis(2-Ethylhexyl)phthalate	149	13.074	13.059	(0.989)	2183960	120.000	130(A)
	60	3,3'-Dichlorobenzidine	252	13.141	13.119	(0.994)	524732	120.000	98(A)
	61	Benzo(a)anthracene	228	13.201	13.179	(0.998)	1620092	120.000	110
*	81	Chrysene-d12	240	13.221	13.212	(1.000)	542219	40.0000	
	62	Chrysene	228	13.267	13.239	(1.004)	1456641	120.000	100
	117	o-Tricresylphosphate	165	13.466	13.451	(1.019)	645589	120.000	120(A)
	64	Di-n-octylphthalate	149	13.845	13.830	(0.910)	3851099	120.000	140(A)
	65	Benzo(b)fluoranthene	252	14.669	14.621	(0.965)	2346717	120.000	130(A)
	66	Benzo(k)fluoranthene	252	14.696	14.654	(0.966)	1235456	120.000	78(M)
	67	Benzo(a)pyrene	252	15.141	15.100	(0.996)	1682215	120.000	110
*	84	Perylene-d12	264	15.208	15.199	(1.000)	500933	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	17.109	17.014	(1.125)	1893685	120.000	120
	69	Dibenz(a,h)anthracene	278	17.075	17.007	(1.123)	1609516	120.000	120
	70	Benzo(g,h,i)perylene	276	17.654	17.565	(1.161)	1686023	120.000	120

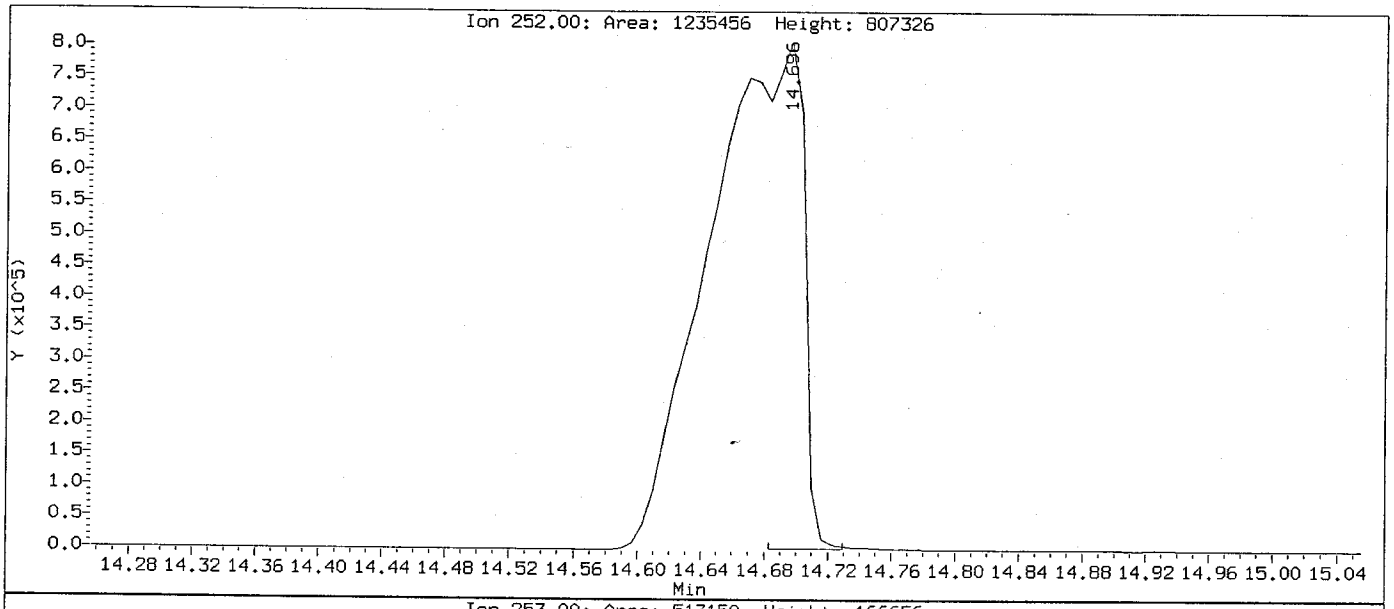
QC Flag Legend

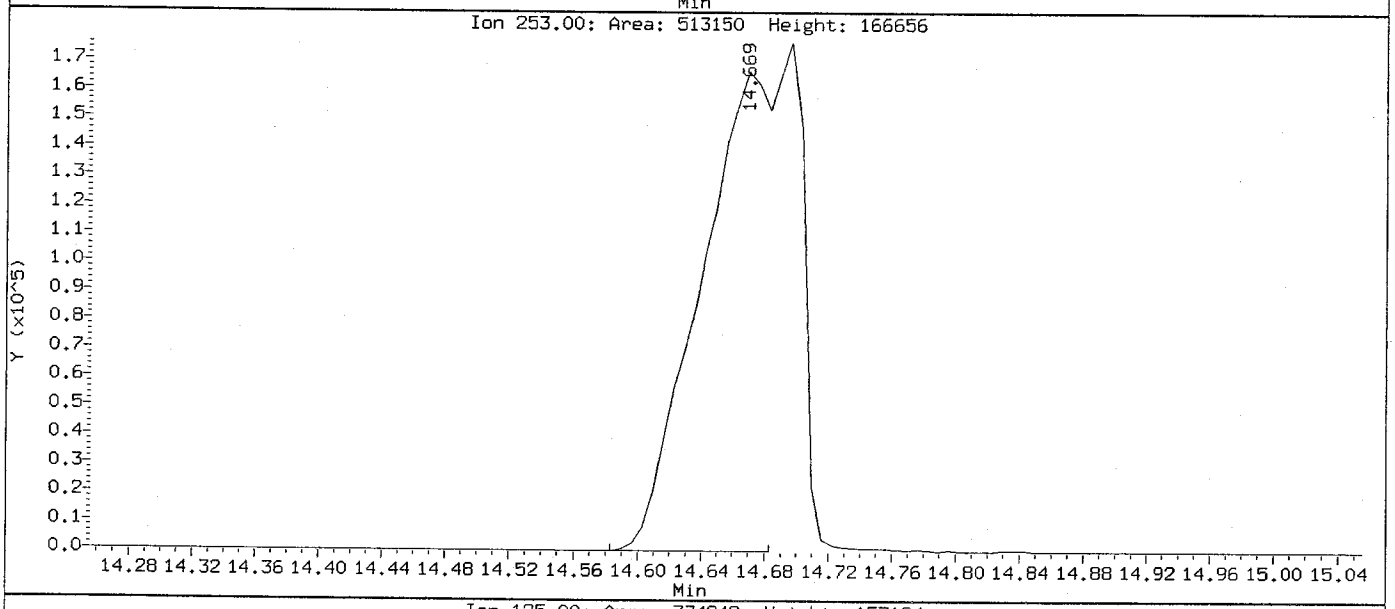
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

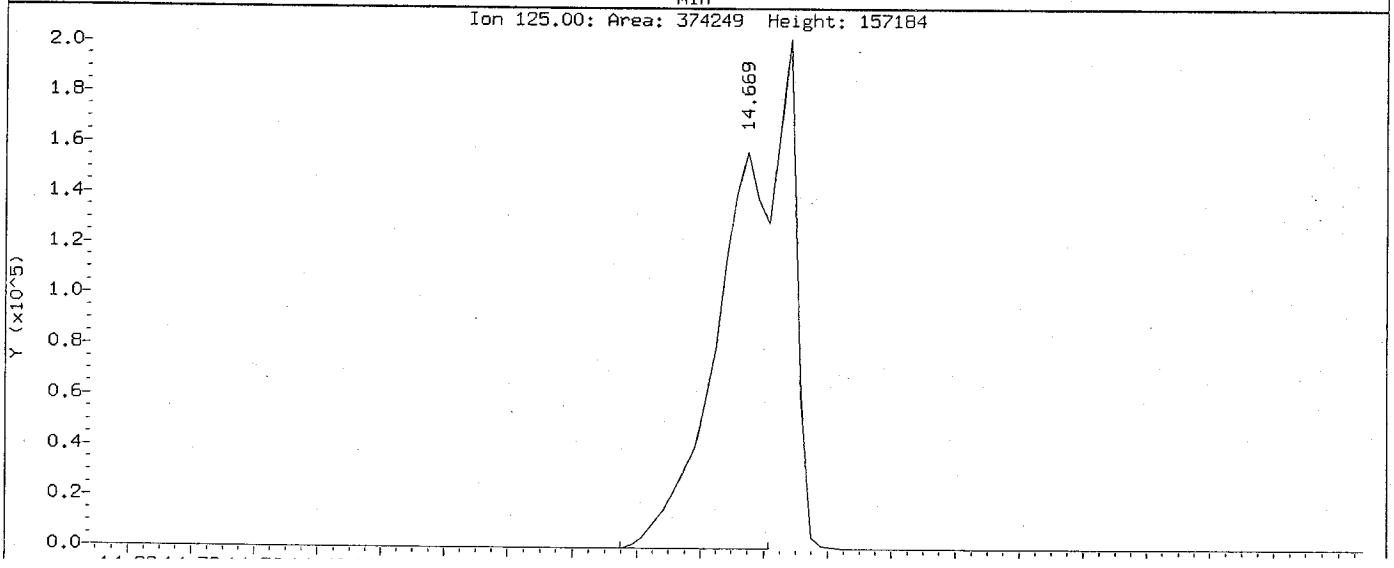

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5835.d
Date : 12-AUG-2008 10:56
Client ID:
Sample Info: AASTD120
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
-1,4-Dioxane
-N-Nitrosodimethylamine
-2-Fluorophenol (SUR)
-Benzaldehyde
-Phenol-d5 (SUR)+
-Isophorone
-bis(2-Chloroethoxy)methan
-Naphthalene
-Hexachlorobutadiene
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-2-Nitroaniline
-Diphenyl Ether
Diphenyl
-Dimethylphthalate
-Acenaphthylene
-Dibenzofuran
-Diethylphthalate
-4-Nitroaniline
-2,4,6-Tribromophenol (SUR
-4-Bromophenyl-phenylether
-Pentachlorophenol
-Phenanthrene-d10
-Carbazole
Di-n-butylphthalate
-Benzidine
-Fluoranthene
-Pyrene
-Terphenyl-d14
-Carbamazepine
Butylbenzylphthalate
-Benzo(a)anthracene
-Chrysene
-bis(2-Ethylhexyl)phthalat
-o-Tricresylphosphate
Di-n-octylphthalate
-Benzo(b)fluoranthene
-Benzo(k)fluoranthene
-Perylene-d12
-Benzo(a)pyrene
-Indeno(1,2,3-cd)pyrene
-Dibenz(a,h)anthracene
-Benzo(g,h,i)perylene
/chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5835.d

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b/aa5835.d
Injection Date: 12-AUG-2008 10:56
Instrument: BNAMS8.i
Client Sample ID:

Compound: Benzo(k)fluoranthene
CAS Number: 207-08-9







FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/12/08 Time: 1032

Lab File ID: AA5834 Init. Calib. Date(s): 08/12/08 08/12/08

Init. Calib. Times: 1032 1209

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
Phenol	1.5960000	1.4908608		6.59	25.00	AVRG
2-Chlorophenol	1.2200000	1.1729511		3.86	25.00	AVRG
2-Methylphenol	1.1500000	1.0842511		5.72	25.00	AVRG
4-Methylphenol	1.2010000	1.1563590		3.72	25.00	AVRG
2-Nitrophenol	0.2320000	0.2150002		7.33	25.00	AVRG
2,4-Dimethylphenol	0.3380000	0.3128896		7.43	25.00	AVRG
2,4-Dichlorophenol	0.3390000	0.3281730		3.19	25.00	AVRG
4-Chloro-3-methylphenol	0.3560000	0.3441349		3.33	25.00	AVRG
2,4,6-Trichlorophenol	0.3500000	0.3465653		0.98	25.00	AVRG
2,4,5-Trichlorophenol	0.3790000	0.3623262		4.40	25.00	AVRG
2,4-Dinitrophenol	0.2270000	0.2148145	0.05	5.37	25.00	AVRG
4-Nitrophenol	0.3640000	0.3423935	0.05	5.94	25.00	AVRG
4,6-Dinitro-2-methylphenol	0.1850000	0.1790768		3.20	25.00	AVRG
Pentachlorophenol	0.1650000	0.1601764		2.92	25.00	AVRG
N-Nitrosodimethylamine	0.6780000	0.6711673		1.01	25.00	AVRG
bis(2-Chloroethyl)ether	1.2110000	1.2092592		0.14	25.00	AVRG
1,3-Dichlorobenzene	1.5490000	1.4709244		5.04	25.00	AVRG
1,4-Dichlorobenzene	1.6200000	1.5797472		2.48	25.00	AVRG
1,2-Dichlorobenzene	1.5230000	1.4764155		3.06	25.00	AVRG
bis(2-chloroisopropyl)ether	2.0990000	2.0914060		0.36	25.00	AVRG
N-Nitroso-di-n-propylamine	1.1610000	1.1282028	0.05	2.82	25.00	AVRG
Hexachloroethane	0.7390000	0.7121248		3.64	25.00	AVRG
Nitrobenzene	0.6350000	0.6173601		2.78	25.00	AVRG
Isophorone	0.8400000	0.7930825		5.58	25.00	AVRG
bis(2-Chloroethoxy)methane	0.4250000	0.4074131		4.14	25.00	AVRG
1,2,4-Trichlorobenzene	0.3620000	0.3683786		-1.76	25.00	AVRG
Naphthalene	0.9690000	0.9161507		5.45	25.00	AVRG
4-Chloroaniline	0.4080000	0.3731515		8.54	25.00	AVRG
Hexachlorobutadiene	0.2030000	0.2107332		-3.81	25.00	AVRG
2-Methylnaphthalene	0.7220000	0.6820764		5.53	25.00	AVRG
Hexachlorocyclopentadiene	0.2480000	0.2413794	0.05	2.67	25.00	AVRG
2-Chloronaphthalene	0.9950000	0.9381978		5.71	25.00	AVRG
2-Nitroaniline	0.4110000	0.3893493		5.27	25.00	AVRG
Dimethylphthalate	1.3830000	1.3101008		5.27	25.00	AVRG
Acenaphthylene	1.5640000	1.4314181		8.48	25.00	AVRG
2,6-Dinitrotoluene	0.3120000	0.3032972		2.79	25.00	AVRG
3-Nitroaniline	0.2980000	0.2797107		6.14	25.00	AVRG
Acenaphthene	1.1120000	1.0355481		6.88	25.00	AVRG
Dibenzofuran	1.5190000	1.4785612		2.66	25.00	AVRG
2,4-Dinitrotoluene	0.4890000	0.4703371		3.82	25.00	AVRG
Diethylphthalate	1.5150000	1.4376718		5.10	25.00	AVRG
4-Chlorophenyl-phenylether	0.5600000	0.5486692		2.02	25.00	AVRG

FORM VII SV-1

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/12/08 Time: 1032

Lab File ID: AA5834 Init. Calib. Date(s): 08/12/08 08/12/08

Init. Calib. Times: 1032 1209

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Fluorene	1.2140000	1.1712217		3.52	25.00	AVRG	
4-Nitroaniline	0.3010000	0.2754552		8.49	25.00	AVRG	
N-Nitrosodiphenylamine	0.5890000	0.5546467		5.83	25.00	AVRG	
4-Bromophenyl-phenylether	0.1990000	0.2008639		-0.94	25.00	AVRG	
Hexachlorobenzene	0.2050000	0.2154735		-5.11	25.00	AVRG	
Phenanthrene	1.1700000	1.1493694		1.76	25.00	AVRG	
Anthracene	1.1540000	1.1283256		2.22	25.00	AVRG	
Carbazole	1.1070000	1.0355781		6.45	25.00	AVRG	
Di-n-butylphthalate	1.7760000	1.7221451		3.03	25.00	AVRG	
Fluoranthene	1.2170000	1.2027748		1.17	25.00	AVRG	
Pyrene	1.2560000	1.2560224		-0.00	25.00	AVRG	
Benzidine	0.3480000	0.2965754		14.78	25.00	AVRG	
Butylbenzylphthalate	0.8710000	0.8472390		2.73	25.00	AVRG	
3,3'-Dichlorobenzidine	0.3960000	0.4130630		-4.31	25.00	AVRG	
Benzo(a)anthracene	1.1110000	1.0838673		2.44	25.00	AVRG	
Chrysene	1.0230000	1.0162111		0.66	25.00	AVRG	
bis(2-Ethylhexyl)phthalate	1.2380000	1.2216667		1.32	25.00	AVRG	
Di-n-octylphthalate	2.2700000	2.2457166		1.07	25.00	AVRG	
Benzo(b)fluoranthene	1.4410000	1.4184045		1.57	25.00	AVRG	
Benzo(k)fluoranthene	1.0870000	1.1944669		-9.89	25.00	AVRG	
Benzo(a)pyrene	1.1510000	1.1661203		-1.31	25.00	AVRG	
Indeno(1,2,3-cd)pyrene	1.2610000	1.2870007		-2.06	25.00	AVRG	
Dibenz(a,h)anthracene	1.0550000	1.0776027		-2.14	25.00	AVRG	
Benzo(g,h,i)perylene	1.1390000	1.1456232		-0.58	25.00	AVRG	
Pyridine	1.1610000	1.1207175		3.47	25.00	AVRG	
Aniline	1.7830000	1.6585382		6.98	25.00	AVRG	
Benzyl Alcohol	0.8380000	0.8016948		4.33	25.00	AVRG	
1,2-Diphenylhydrazine	1.1040000	1.0713194		2.96	25.00	AVRG	
Diphenyl	1.2250000	1.2031239		1.78	25.00	AVRG	
Diphenyl Ether	0.7140000	0.6878432		3.66	25.00	AVRG	
Acetophenone	2.0620000	2.0713339	0.01	-0.45	25.00	AVRG	
1,4-Dioxane	0.3460000	0.3573420	0.01	-3.28	25.00	AVRG	
N,N-Dimethylaniline	2.0090000	1.8920359	0.01	5.82	25.00	AVRG	
2,3,7,8-TCDD (Screen)	0.1740000	0.1738967	0.01	0.06	25.00	AVRG	
Benzaldehyde	0.6680000	0.9123480		-36.58	25.00	AVRG	<-
Caprolactam	0.1090000	0.1111506		-1.97	25.00	AVRG	
Atrazine	0.2080000	0.1887894		9.24	25.00	AVRG	
n-decane	1.5870000	1.4784323		6.84	25.00	AVRG	
Coumarin	0.3010000	0.2654582		11.81	25.00	AVRG	
o-Tricresylphosphate	0.3850000	0.3674584		4.56	25.00	AVRG	
Carbamazepine	0.6300000	0.5669596		10.01	25.00	AVRG	
1-Methylnaphthalene	0.7510000	0.6654847		11.39	25.00	AVRG	

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/12/08 Time: 1032

Lab File ID: AA5834 Init. Calib. Date(s): 08/12/08 08/12/08

Init. Calib. Times: 1032 1209

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
2-Fluorophenol (SUR)	1.1170000	1.0682127		4.37	25.00	AVRG
Phenol-d5 (SUR)	1.4930000	1.3716602		8.13	25.00	AVRG
2,4,6-Tribromophenol (SUR)	0.1730000	0.1740009		-0.58	25.00	AVRG
Nitrobenzene-d5 (SUR)	0.4780000	0.4596779		3.83	25.00	AVRG
2-Fluorobiphenyl (SUR)	1.1450000	1.1111587		2.96	25.00	AVRG
Terphenyl-d14	0.7620000	0.7827954		-2.73	25.00	AVRG

Average %D/%Drift test result.

Calculate Average %D/%Drift: 4.893833160
Maximum Average %D/%Drift: 20.00000000

Note: Passes Average %D/%Drift Test.

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/12/08 Time: 1518

Lab File ID: AA5845 Init. Calib. Date(s): 08/12/08 08/12/08

Init. Calib. Times: 1032 1209

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
Phenol	1.5960000	1.4884123		6.74	25.00	AVRG
2-Chlorophenol	1.2200000	1.1872350		2.68	25.00	AVRG
2-Methylphenol	1.1500000	1.0827367		5.85	25.00	AVRG
4-Methylphenol	1.2010000	1.1377379		5.27	25.00	AVRG
2-Nitrophenol	0.2320000	0.2161282		6.84	25.00	AVRG
2,4-Dimethylphenol	0.3380000	0.3112196		7.92	25.00	AVRG
2,4-Dichlorophenol	0.3390000	0.3427936		-1.12	25.00	AVRG
4-Chloro-3-methylphenol	0.3560000	0.3693162		-3.74	25.00	AVRG
2,4,6-Trichlorophenol	0.3500000	0.3368342		3.76	25.00	AVRG
2,4,5-Trichlorophenol	0.3790000	0.3605197		4.88	25.00	AVRG
2,4-Dinitrophenol	0.2270000	0.2034807	0.05	10.36	25.00	AVRG
4-Nitrophenol	0.3640000	0.3586884	0.05	1.46	25.00	AVRG
4,6-Dinitro-2-methylphenol	0.1850000	0.1751066		5.35	25.00	AVRG
Pentachlorophenol	0.1650000	0.1575341		4.52	25.00	AVRG
N-Nitrosodimethylamine	0.6780000	0.6752109		0.41	25.00	AVRG
bis(2-Chloroethyl)ether	1.2110000	1.2443848		-2.76	25.00	AVRG
1,3-Dichlorobenzene	1.5490000	1.5102017		2.50	25.00	AVRG
1,4-Dichlorobenzene	1.6200000	1.5608174		3.65	25.00	AVRG
1,2-Dichlorobenzene	1.5230000	1.4900711		2.16	25.00	AVRG
bis(2-chloroisopropyl)ether	2.0990000	2.0383321		2.89	25.00	AVRG
N-Nitroso-di-n-propylamine	1.1610000	1.1380912	0.05	1.97	25.00	AVRG
Hexachloroethane	0.7390000	0.7345992		0.60	25.00	AVRG
Nitrobenzene	0.6350000	0.6364791		-0.23	25.00	AVRG
Isophorone	0.8400000	0.8174423		2.68	25.00	AVRG
bis(2-Chloroethoxy)methane	0.4250000	0.4141276		2.56	25.00	AVRG
1,2,4-Trichlorobenzene	0.3620000	0.3679381		-1.64	25.00	AVRG
Naphthalene	0.9690000	0.9346727		3.54	25.00	AVRG
4-Chloroaniline	0.4080000	0.3901019		4.39	25.00	AVRG
Hexachlorobutadiene	0.2030000	0.2020988		0.44	25.00	AVRG
2-Methylnaphthalene	0.7220000	0.7139545		1.11	25.00	AVRG
Hexachlorocyclopentadiene	0.2480000	0.2197156	0.05	11.40	25.00	AVRG
2-Chloronaphthalene	0.9950000	0.9626504		3.25	25.00	AVRG
2-Nitroaniline	0.4110000	0.3988971		2.94	25.00	AVRG
Dimethylphthalate	1.3830000	1.3210063		4.48	25.00	AVRG
Acenaphthylene	1.5640000	1.4486622		7.37	25.00	AVRG
2,6-Dinitrotoluene	0.3120000	0.3075589		1.42	25.00	AVRG
3-Nitroaniline	0.2980000	0.2903299		2.57	25.00	AVRG
Acenaphthene	1.1120000	1.0381098		6.64	25.00	AVRG
Dibenzofuran	1.5190000	1.4598224		3.90	25.00	AVRG
2,4-Dinitrotoluene	0.4890000	0.4683369		4.22	25.00	AVRG
Diethylphthalate	1.5150000	1.4572620		3.81	25.00	AVRG
4-Chlorophenyl-phenylether	0.5600000	0.5286202		5.60	25.00	AVRG

FORM VII SV-1

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/12/08 Time: 1518

Lab File ID: AA5845 Init. Calib. Date(s): 08/12/08 08/12/08

Init. Calib. Times: 1032 1209

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Fluorene	1.2140000	1.1655086		3.99	25.00	AVRG	
4-Nitroaniline	0.3010000	0.2879297		4.34	25.00	AVRG	
N-Nitrosodiphenylamine	0.5890000	0.5550133		5.77	25.00	AVRG	
4-Bromophenyl-phenylether	0.1990000	0.1979977		0.50	25.00	AVRG	
Hexachlorobenzene	0.2050000	0.2144474		-4.61	25.00	AVRG	
Phenanthrene	1.1700000	1.1620063		0.68	25.00	AVRG	
Anthracene	1.1540000	1.1333734		1.79	25.00	AVRG	
Carbazole	1.1070000	1.0973517		0.87	25.00	AVRG	
Di-n-butylphthalate	1.7760000	1.7633802		0.71	25.00	AVRG	
Fluoranthene	1.2170000	1.2148573		0.18	25.00	AVRG	
Pyrene	1.2560000	1.2757079		-1.57	25.00	AVRG	
Benzidine	0.3480000	0.3666374		-5.36	25.00	AVRG	
Butylbenzylphthalate	0.8710000	0.8911591		-2.31	25.00	AVRG	
3,3'-Dichlorobenzidine	0.3960000	0.4189003		-5.78	25.00	AVRG	
Benzo(a)anthracene	1.1110000	1.0830748		2.51	25.00	AVRG	
Chrysene	1.0230000	1.0003738		2.21	25.00	AVRG	
bis(2-Ethylhexyl)phthalate	1.2380000	1.2732091		-2.84	25.00	AVRG	
Di-n-octylphthalate	2.2700000	2.3038423		-1.49	25.00	AVRG	
Benzo(b)fluoranthene	1.4410000	1.4516216		-0.74	25.00	AVRG	
Benzo(k)fluoranthene	1.0870000	1.0717436		1.40	25.00	AVRG	
Benzo(a)pyrene	1.1510000	1.1532345		-0.19	25.00	AVRG	
Indeno(1,2,3-cd)pyrene	1.2610000	1.2368378		1.92	25.00	AVRG	
Dibenz(a,h)anthracene	1.0550000	1.0335749		2.03	25.00	AVRG	
Benzo(g,h,i)perylene	1.1390000	1.0638768		6.60	25.00	AVRG	
Pyridine	1.1610000	1.1252956		3.08	25.00	AVRG	
Aniline	1.7830000	1.5791414		11.43	25.00	AVRG	
Benzyl Alcohol	0.8380000	0.7615634		9.12	25.00	AVRG	
1,2-Diphenylhydrazine	1.1040000	1.0880131		1.45	25.00	AVRG	
Diphenyl	1.2250000	1.2032587		1.77	25.00	AVRG	
Diphenyl Ether	0.7140000	0.6828772		4.36	25.00	AVRG	
Acetophenone	2.0620000	2.1218022	0.01	-2.90	25.00	AVRG	
1,4-Dioxane	0.3460000	0.3436442	0.01	0.68	25.00	AVRG	
N,N-Dimethylaniline	2.0090000	1.9377474	0.01	3.55	25.00	AVRG	
2,3,7,8-TCDD (Screen)	0.1740000	0.1735770	0.01	0.24	25.00	AVRG	
Benzaldehyde	0.6680000	0.9549977		-42.96	25.00	AVRG	<-
Caprolactam	0.1090000	0.1094709		-0.43	25.00	AVRG	
Atrazine	0.2080000	0.2026505		2.57	25.00	AVRG	
n-decane	1.5870000	1.4261471		10.14	25.00	AVRG	
Coumarin	0.3010000	0.2840540		5.63	25.00	AVRG	
o-Tricresylphosphate	0.3850000	0.3743733		2.76	25.00	AVRG	
Carbamazepine	0.6300000	0.5966169		5.30	25.00	AVRG	
1-Methylnaphthalene	0.7510000	0.6887075		8.29	25.00	AVRG	

FORM VII SV-2

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: X765

Instrument ID: BNAMS8 Calibration Date: 08/12/08 Time: 1518

Lab File ID: AA5845 Init. Calib. Date(s): 08/12/08 08/12/08

Init. Calib. Times: 1032 1209

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
2-Fluorophenol (SUR)	1.1170000	1.0666000		4.51	25.00	AVRG
Phenol-d5 (SUR)	1.4930000	1.4092321		5.61	25.00	AVRG
2,4,6-Tribromophenol (SUR)	0.1730000	0.1677407		3.04	25.00	AVRG
Nitrobenzene-d5 (SUR)	0.4780000	0.4803507		-0.49	25.00	AVRG
2-Fluorobiphenyl (SUR)	1.1450000	1.0867492		5.09	25.00	AVRG
Terphenyl-d14	0.7620000	0.7768510		-1.95	25.00	AVRG

Average %D/%Drift test result.

Calculate Average %D/%Drift: 4.004545212
Maximum Average %D/%Drift: 20.00000000

Note: Passes Average %D/%Drift Test.

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08br.b/aa5845.d
Report Date: 12-Aug-2008 15:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08br.b/aa5845.d
Lab Smp Id: AASTD050br
Inj Date : 12-AUG-2008 15:18
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : AASTD050br
Misc Info :
Comment :
Method : /chem/BNAMS8.i/8270/08-12-08DEL/12aug08br.b/8270Cdel_08.m
Meth Date : 12-Aug-2008 15:41 czhao Quant Type: ISTD
Cal Date : 12-AUG-2008 15:18 Cal File: aa5845.d
Als bottle: 12 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106 1,4-Dioxane	88	2.823	2.823	(0.493)	59736	50.0000	50
19 N-Nitrosodimethylamine	74	3.142	3.142	(0.549)	117374	50.0000	50
71 Pyridine	79	3.155	3.155	(0.552)	195614	50.0000	48
$ 16 2-Fluorophenol (SUR)	112	4.398	4.398	(0.769)	185411	50.0000	48
110 Benzaldehyde	77	5.282	5.282	(0.923)	166010	50.0000	71
$ 17 Phenol-d5 (SUR)	99	5.322	5.322	(0.930)	244972	50.0000	47
1 Phenol	94	5.335	5.335	(0.933)	258736	50.0000	47
73 Aniline	93	5.415	5.415	(0.947)	274508	50.0000	44
20 bis(2-Chloroethyl)ether	93	5.442	5.442	(0.951)	216316	50.0000	51
113 n-decane	43	5.495	5.495	(0.960)	247912	50.0000	45
2 2-Chlorophenol	128	5.535	5.535	(0.967)	206381	50.0000	49
21 1,3-Dichlorobenzene	146	5.688	5.688	(0.994)	262523	50.0000	49
* 79 1,4-Dichlorobenzene-d4	152	5.721	5.721	(1.000)	139066	40.0000	
22 1,4-Dichlorobenzene	146	5.741	5.741	(1.003)	271322	50.0000	48
74 Benzyl Alcohol	108	5.854	5.854	(1.023)	132385	50.0000	45
23 1,2-Dichlorobenzene	146	5.940	5.940	(1.038)	259024	50.0000	49

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08br.b/aa5845.d
Report Date: 12-Aug-2008 15:43

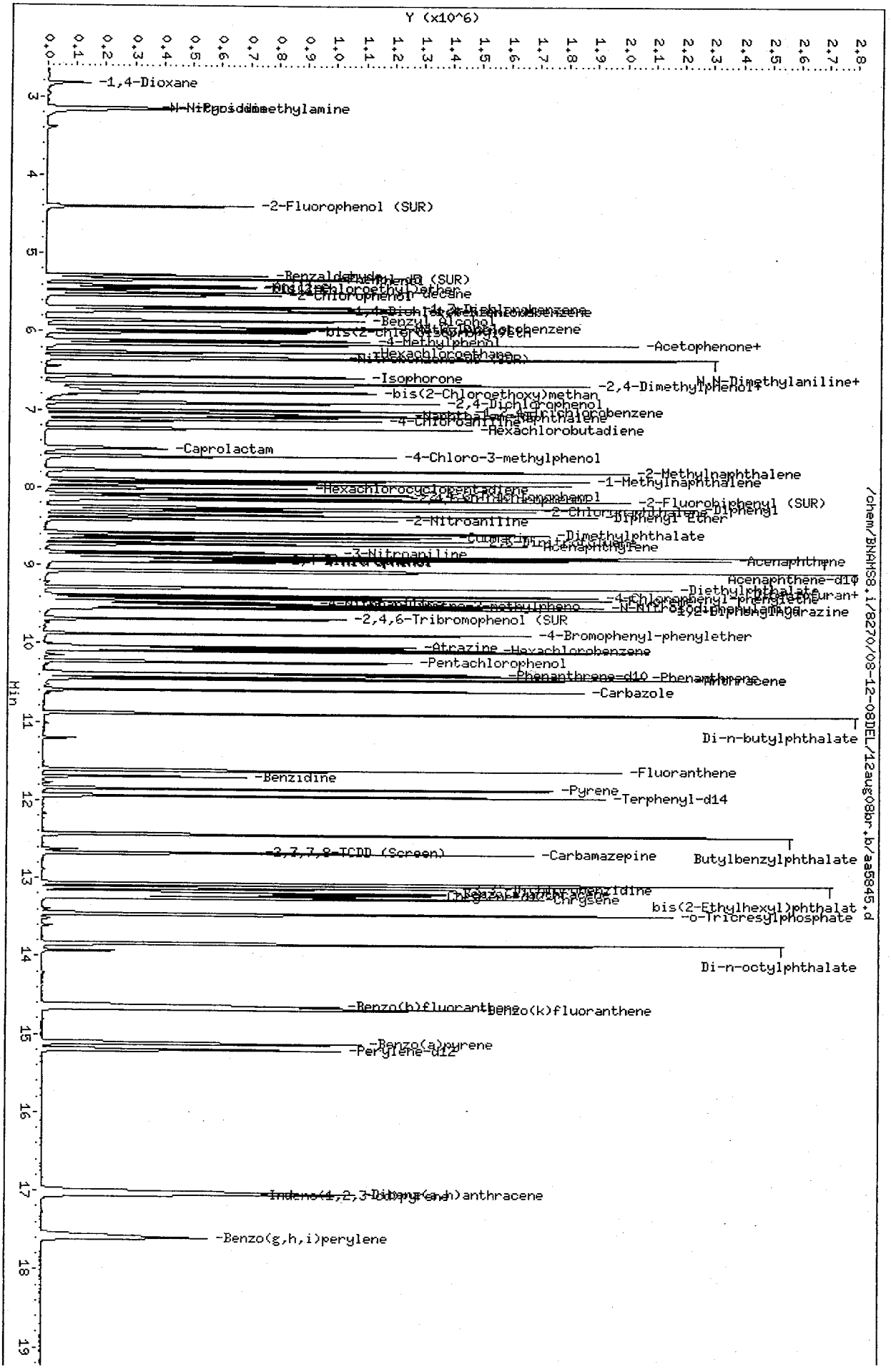
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	3 2-Methylphenol	108	5.960	5.960	(1.042)	188216	50.0000	47
	24 bis(2-chloroisopropyl)ether	45	6.000	6.000	(1.049)	354330	50.0000	48
	4 4-Methylphenol	108	6.113	6.113	(1.069)	197777	50.0000	47
	104 Acetophenone	105	6.153	6.153	(1.075)	368840	50.0000	51
	25 N-Nitroso-di-n-propylamine	70	6.160	6.160	(1.077)	197838	50.0000	49
	26 Hexachloroethane	117	6.259	6.259	(1.094)	127698	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	6.326	6.326	(0.896)	317661	50.0000	50
	107 N,N-Dimethylaniline	120	6.339	6.339	(1.108)	336845	50.0000	48
	27 Nitrobenzene	77	6.346	6.346	(0.899)	420910	50.0000	50
	28 Isophorone	82	6.572	6.572	(0.931)	540583	50.0000	49
	6 2,4-Dimethylphenol	122	6.665	6.665	(0.944)	205813	50.0000	46
	5 2-Nitrophenol	139	6.671	6.671	(0.945)	142928	50.0000	47
	29 bis(2-Chloroethoxy)methane	93	6.771	6.771	(0.960)	273867	50.0000	49
	7 2,4-Dichlorophenol	162	6.904	6.904	(0.978)	226693	50.0000	50
	30 1,2,4-Trichlorobenzene	180	7.004	7.004	(0.992)	243321	50.0000	51
*	80 Naphthalene-d8	136	7.057	7.057	(1.000)	529049	40.0000	
	31 Naphthalene	128	7.083	7.083	(1.004)	618109	50.0000	48
	32 4-Chloroaniline	127	7.130	7.130	(1.010)	257978	50.0000	48
	33 Hexachlorobutadiene	225	7.236	7.236	(1.025)	133650	50.0000	50
	111 Caprolactam	113	7.495	7.495	(1.062)	72394	50.0000	50
	8 4-Chloro-3-methylphenol	107	7.595	7.595	(1.076)	244233	50.0000	52
	34 2-Methylnaphthalene	142	7.781	7.781	(1.103)	472146	50.0000	49
	120 1-Methylnaphthalene	142	7.901	7.901	(1.120)	455450	50.0000	46(A)
	35 Hexachlorocyclopentadiene	237	8.001	8.001	(0.901)	110617	50.0000	44
	9 2,4,6-Trichlorophenol	196	8.087	8.087	(0.911)	169581	50.0000	48
	10 2,4,5-Trichlorophenol	196	8.133	8.133	(0.916)	181506	50.0000	47
$	77 2-Fluorobiphenyl (SUR)	172	8.153	8.153	(0.918)	547132	50.0000	47
	102 Diphenyl	154	8.253	8.253	(0.930)	605790	50.0000	49
	36 2-Chloronaphthalene	162	8.293	8.293	(0.934)	484654	50.0000	48
	103 Diphenyl Ether	170	8.359	8.359	(0.942)	343800	50.0000	48
	37 2-Nitroaniline	65	8.413	8.413	(0.948)	200828	50.0000	48
	38 Dimethylphthalate	163	8.585	8.585	(0.967)	665071	50.0000	48
	114 Coumarin	146	8.632	8.632	(1.223)	187848	50.0000	47
	40 2,6-Dinitrotoluene	165	8.678	8.678	(0.978)	154843	50.0000	49
	39 Acenaphthylene	152	8.732	8.732	(0.984)	729340	50.0000	46
	41 3-Nitroaniline	138	8.838	8.838	(0.996)	146168	50.0000	49
*	82 Acenaphthene-d10	164	8.878	8.878	(1.000)	402766	40.0000	
	42 Acenaphthene	154	8.918	8.918	(1.004)	522644	50.0000	47
	11 2,4-Dinitrophenol	184	8.931	8.931	(1.006)	102444	50.0000	45
	12 4-Nitrophenol	65	8.951	8.951	(1.008)	180584	50.0000	49
	43 Dibenzofuran	168	9.071	9.071	(1.022)	734959	50.0000	48
	44 2,4-Dinitrotoluene	165	9.077	9.077	(1.022)	235788	50.0000	48
	45 Diethylphthalate	149	9.283	9.283	(1.046)	733670	50.0000	48
	46 4-Chlorophenyl-phenylether	204	9.383	9.383	(1.057)	266138	50.0000	47
	47 Fluorene	166	9.423	9.423	(1.061)	586784	50.0000	48
	48 4-Nitroaniline	138	9.469	9.469	(1.067)	144960	50.0000	48
	13 4,6-Dinitro-2-methylphenol	198	9.496	9.496	(0.915)	130035	50.0000	47

Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08br.b/aa5845.d
Report Date: 12-Aug-2008 15:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	49 N-Nitrosodiphenylamine	169	9.509	9.509	(0.916)	412158	50.0000	47
	75 1,2-Diphenylhydrazine	77	9.542	9.542	(0.919)	807969	50.0000	49
$	18 2,4,6-Tribromophenol (SUR)	330	9.689	9.689	(1.091)	84450	50.0000	48
	50 4-Bromophenyl-phenylether	248	9.881	9.881	(0.952)	147035	50.0000	50
	112 Atrazine	200	10.041	10.041	(0.967)	150490	50.0000	49
	51 Hexachlorobenzene	284	10.061	10.061	(0.969)	159250	50.0000	52
	14 Pentachlorophenol	266	10.234	10.234	(0.986)	116986	50.0000	48
*	83 Phenanthrene-d10	188	10.380	10.380	(1.000)	594087	40.0000	
	52 Phenanthrene	178	10.407	10.407	(1.003)	862917	50.0000	50
	53 Anthracene	178	10.446	10.446	(1.006)	841654	50.0000	49
	54 Carbazole	167	10.593	10.593	(1.020)	814904	50.0000	50
	55 Di-n-butylphthalate	149	10.892	10.892	(1.049)	1309503	50.0000	50
	56 Fluoranthene	202	11.609	11.609	(1.118)	902165	50.0000	50
	58 Benzidine	184	11.703	11.703	(1.127)	272268	50.0000	53
	57 Pyrene	202	11.855	11.855	(0.897)	924904	50.0000	51
$	78 Terphenyl-d14	244	11.942	11.942	(0.903)	563226	50.0000	51
	59 Butylbenzylphthalate	149	12.440	12.440	(0.941)	646101	50.0000	51
	109 2,3,7,8-TCDD (Screen)	320	12.666	12.666	(0.958)	1258	0.50000	0.50
	118 Carbamazepine	193	12.680	12.680	(0.959)	432554	50.0000	47(A)
	63 bis(2-Ethylhexyl)phthalate	149	13.072	13.072	(0.989)	923092	50.0000	51
	60 3,3'-Dichlorobenzidine	252	13.132	13.132	(0.993)	303707	50.0000	53
	61 Benzo(a)anthracene	228	13.191	13.191	(0.998)	785242	50.0000	49
*	81 Chrysene-d12	240	13.218	13.218	(1.000)	580009	40.0000	
	62 Chrysene	228	13.251	13.251	(1.002)	725283	50.0000	49
	117 o-Tricresylphosphate	165	13.457	13.457	(1.018)	271425	50.0000	48(A)
	64 Di-n-octylphthalate	149	13.843	13.843	(0.910)	1564440	50.0000	51
	65 Benzo(b)fluoranthene	252	14.640	14.640	(0.963)	985733	50.0000	50
	66 Benzo(k)fluoranthene	252	14.673	14.673	(0.965)	727774	50.0000	49
	67 Benzo(a)pyrene	252	15.119	15.119	(0.994)	783111	50.0000	50
*	84 Perylene-d12	264	15.205	15.205	(1.000)	543245	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.053	17.053	(1.121)	839883	50.0000	49
	69 Dibenz(a,h)anthracene	278	17.040	17.040	(1.121)	701856	50.0000	49
	70 Benzo(g,h,i)perylene	276	17.604	17.604	(1.158)	722432	50.0000	47

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Y (x10^6)
Min
-1,4-Dioxane
-2-Fluorophenol (SUR)
-Acetophenone+
-Isophorone
-2,4-Dimethylphenol+
N,N-Dimethylaniline+
-bis(2-Chloroethoxy)methan
-2,4-Dichlorophenol
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-1-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-2-Nitroaniline
-Dimethylphthalate
-3-Nitroaniline
-Acenaphthene
Acenaphthene-d10
-Diethylphthalate
-2,4,6-Tribromophenol (SUR
-4-Bromophenyl-phenylether
-Atrazine
-Pentachlorophenol
-Carbazole
Di-n-butylphthalate
-Benzidine
-Fluoranthene
-Pyrene
-Terphenyl-d14
Butylbenzylphthalate
-Carbamazepine
bis(2-Ethylhexyl)phthalat
-o-Tricresylphosphate
Di-n-octylphthalate
-Benzo(b)fluoranthene
-Benzo(k)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene
Data File: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08br.b/aa5845.d
Date : 12-AUG-2008 15:18
Client ID:
Sample Info: AASTD050br
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-12-08DEL/12aug08br.b/aa5845.d

Surrogate Compound Recovery Summary

SEMI-VOLATILE SURROGATE RECOVERY
METHOD 8270C

Matrix: WATER Level: LOW Lab Job No: X765

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 (TPH) #	TOT OUT
01	WB220Y	39	25	85	70	71	81	0
02	6517BS	39	23	94	81	80	84	0
03	940028	40	24	89	72	74	82	0
04	940029	42	25	88	75	79	82	0
05	940030	46	29	94	78	83	90	0
06	940031	40	25	69	70	66	62	0
07	940032	40	25	87	71	77	80	0
08	940033	46	26	87	74	71	80	0
09	940362	41	25	90	74	75	79	0
10	940363	40	24	90	73	77	82	0
11	940364	36	21	81	65	68	75	0
12	940364MS	43	26	99	78	83	85	0
13	940364MSD	40	24	86	71	74	74	0
14	940365	45	28	99	78	85	88	0
15	940366	38	24	83	68	72	75	0
16	940367	39	24	89	73	77	83	0
17	940368	36	22	80	68	72	75	0
18	940369	40	26	87	72	78	79	0
19	940360	57	35	99	100	83	103	0
20	940361	77D	36	95	98	77	100	0
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

			QC LIMITS
S1		= 2-Fluorophenol	(19- 66)
S2		= Phenol-d5	(13- 44)
S3		= 2,4,6-Tribromophenol	(52-122)
S4		= Nitrobenzene-d5	(49-114)
S5		= 2-Fluorobiphenyl	(53-110)
S6	(TPH)	= Terphenyl-d14	(46-129)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Spike Recovery Summary

SEMI-VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8270C

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 940364

MS Sample from Lab Job No: X765

QA Batch: 6517

Compound	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Phenol	210	0.00	57	27	17-45
2-Chlorophenol	210	0.00	170	81	58-98
4-Chloro-3-methylphenol	210	0.00	180	86	59-107
4-Nitrophenol	210	0.00	79	38	0-111
Pentachlorophenol	210	0.00	190	90	72-122
1,4-Dichlorobenzene	100	0.00	83	83	44-108
N-Nitroso-di-n-propylami	100	0.00	84	84	56-120
1,2,4-Trichlorobenzene	100	0.00	81	81	51-104
Acenaphthene	100	0.00	100	100	66-117
2,4-Dinitrotoluene	100	0.00	97	97	70-117
Pyrene	100	0.00	100	100	66-115

Compound	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	210	53	25	7	42	17-45
2-Chlorophenol	210	160	76	6	40	58-98
4-Chloro-3-methylphenol	210	160	76	12	42	59-107
4-Nitrophenol	210	67	32	16	50	0-111
Pentachlorophenol	210	180	86	5	50	72-122
1,4-Dichlorobenzene	100	77	77	8	28	44-108
N-Nitroso-di-n-propylami	100	79	79	6	38	56-120
1,2,4-Trichlorobenzene	100	74	74	9	28	51-104
Acenaphthene	100	93	93	7	31	66-117
2,4-Dinitrotoluene	100	83	83	16	38	70-117
Pyrene	100	91	91	9	31	66-115

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

COMMENTS: _____

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5814.d
Report Date: 11-Aug-2008 13:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5814.d
Lab Smp Id: 940364MS Client Smp ID: 080508-11MS
Inj Date : 11-AUG-2008 01:29
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940364MS;4453011
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 15 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106	1,4-Dioxane	88	2.911	2.908	(0.502)	33669	22.9097	48
19	N-Nitrosodimethylamine	74	3.230	3.227	(0.557)	68677	25.5708	54
71	Pyridine	79	3.250	3.241	(0.560)	86065	20.4487	43
$ 16	2-Fluorophenol (SUR)	112	4.486	4.483	(0.773)	169724	43.1278	91
110	Benzaldehyde	77	5.363	5.361	(0.924)	128581	40.1105	84
$ 17	Phenol-d5 (SUR)	99	5.403	5.401	(0.931)	142566	25.8451	54
1	Phenol	94	5.416	5.414	(0.934)	159133	27.2775	57
73	Aniline	93	5.496	5.494	(0.947)	190773	35.0553	74
20	bis(2-Chloroethyl)ether	93	5.523	5.520	(0.952)	175636	36.8374	78
2	2-Chlorophenol	128	5.616	5.613	(0.968)	341137	79.4685	170
21	1,3-Dichlorobenzene	146	5.769	5.766	(0.994)	195858	38.5295	81
* 79	1,4-Dichlorobenzene-d4	152	5.802	5.799	(1.000)	127552	40.0000	
22	1,4-Dichlorobenzene	146	5.815	5.819	(1.002)	204823	39.5924	83
74	Benzyl Alcohol	108	5.941	5.939	(1.024)	98653	32.4648	68
23	1,2-Dichlorobenzene	146	6.021	6.019	(1.038)	220325	43.3482	91

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5814.d
Report Date: 11-Aug-2008 13:49

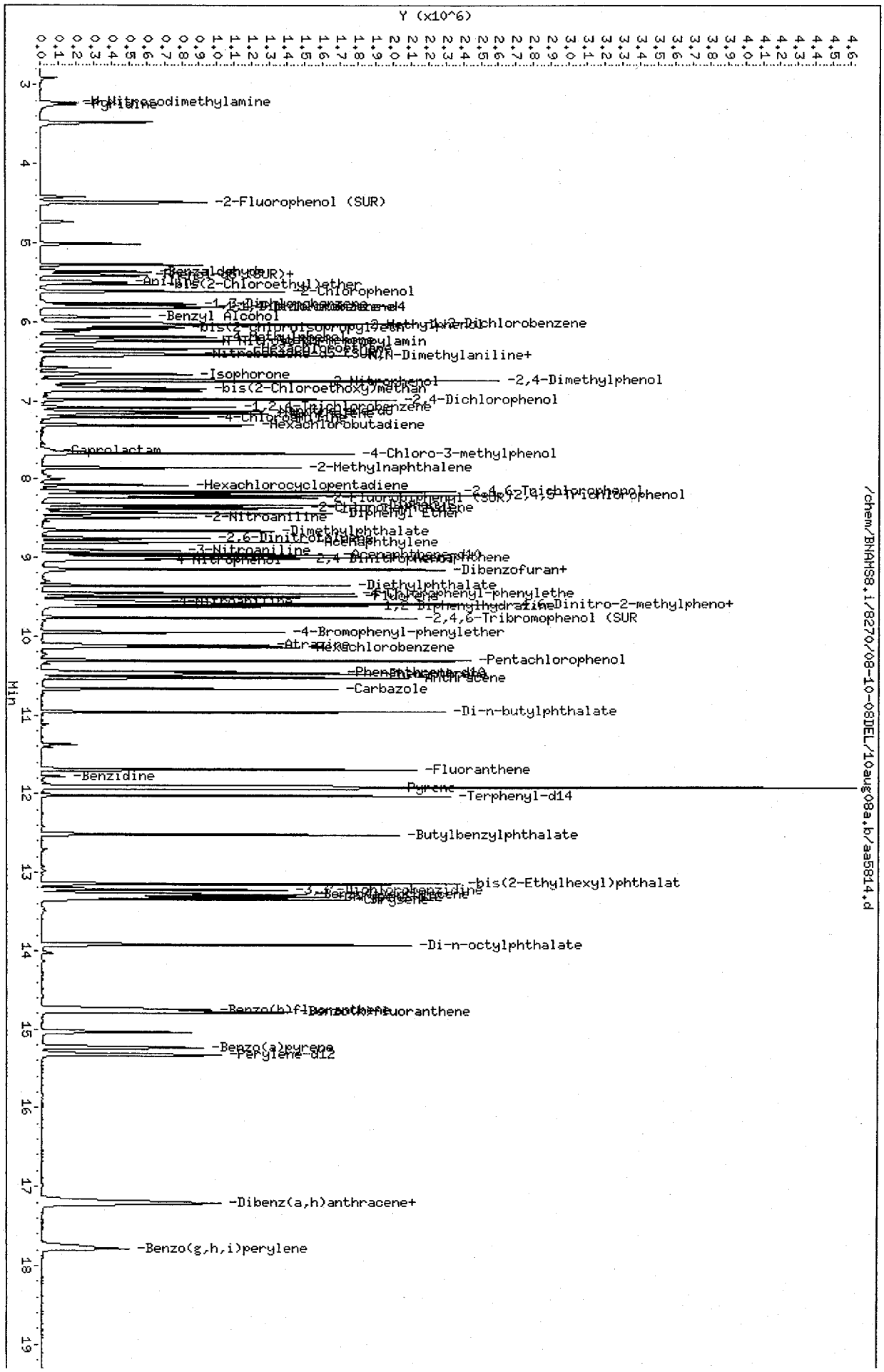
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	3 2-Methylphenol	108	6.041	6.039	(1.041)	333551	78.8517	170
	24 bis(2-chloroisopropyl)ether	45	6.081	6.079	(1.048)	332791	36.9577	78
	4 4-Methylphenol	108	6.194	6.192	(1.068)	261193	59.8602	130
	104 Acetophenone	105	6.234	6.231	(1.074)	273800	40.8161	86
	25 N-Nitroso-di-n-propylamine	70	6.247	6.238	(1.077)	158478	40.1618	84
	26 Hexachloroethane	117	6.340	6.338	(1.093)	125162	49.5585	100
$	76 Nitrobenzene-d5 (SUR)	82	6.407	6.404	(0.898)	243998	39.0669	82
	107 N,N-Dimethylaniline	120	6.420	6.418	(1.107)	267188	39.9619	84
	27 Nitrobenzene	77	6.427	6.424	(0.900)	319483	40.0732	84
	28 Isophorone	82	6.666	6.650	(0.934)	470323	42.7475	90
	6 2,4-Dimethylphenol	122	6.746	6.743	(0.945)	369970	85.5898	180
	5 2-Nitrophenol	139	6.759	6.750	(0.947)	257858	91.7388	190
	29 bis(2-Chloroethoxy)methane	93	6.845	6.843	(0.959)	217882	40.8378	86
	7 2,4-Dichlorophenol	162	6.985	6.982	(0.979)	356403	87.8236	180
	30 1,2,4-Trichlorobenzene	180	7.085	7.082	(0.993)	180746	38.5919	81
*	80 Naphthalene-d8	136	7.138	7.135	(1.000)	536531	40.0000	
	31 Naphthalene	128	7.164	7.162	(1.004)	503248	39.5136	83
	32 4-Chloroaniline	127	7.211	7.208	(1.010)	208550	39.1361	82
	33 Hexachlorobutadiene	225	7.317	7.315	(1.025)	137979	39.1703	82
	111 Caprolactam	113	7.636	7.587	(1.070)	15300	9.75347	20(H)
	8 4-Chloro-3-methylphenol	107	7.669	7.674	(1.074)	417998	83.8853	180
	34 2-Methylnaphthalene	142	7.855	7.860	(1.101)	390071	42.7687	90
	35 Hexachlorocyclopentadiene	237	8.075	8.079	(0.901)	118179	45.3889	96
	9 2,4,6-Trichlorophenol	196	8.161	8.159	(0.911)	329230	100.412	210
	10 2,4,5-Trichlorophenol	196	8.208	8.212	(0.916)	348041	101.864	210
$	77 2-Fluorobiphenyl (SUR)	172	8.234	8.232	(0.919)	429575	41.4855	87
	102 Diphenyl	154	8.334	8.332	(0.930)	509239	42.3980	89
	36 2-Chloronaphthalene	162	8.367	8.372	(0.934)	379138	42.9761	90
	103 Diphenyl Ether	170	8.434	8.431	(0.941)	269501	43.0475	91
	37 2-Nitroaniline	65	8.494	8.491	(0.948)	159547	42.4657	89
	38 Dimethylphthalate	163	8.660	8.657	(0.967)	511843	43.6020	92
	40 2,6-Dinitrotoluene	165	8.759	8.757	(0.978)	121134	44.2254	93
	39 Acenaphthylene	152	8.806	8.810	(0.983)	595505	45.7777	96
	41 3-Nitroaniline	138	8.912	8.910	(0.995)	117220	42.3411	89
*	82 Acenaphthene-d10	164	8.959	8.956	(1.000)	378165	40.0000	
	42 Acenaphthene	154	8.992	8.996	(1.004)	521311	49.5962	100
	11 2,4-Dinitrophenol	184	9.012	9.010	(1.006)	179811	93.5081	200
	12 4-Nitrophenol	65	9.032	9.030	(1.008)	118076	37.5074	79
	43 Dibenzofuran	168	9.145	9.149	(1.021)	638699	44.5885	94
	44 2,4-Dinitrotoluene	165	9.158	9.156	(1.022)	203880	45.9161	97
	45 Diethylphthalate	149	9.358	9.355	(1.044)	616817	44.5136	94
	46 4-Chlorophenyl-phenylether	204	9.457	9.455	(1.056)	251004	43.4212	91
	47 Fluorene	166	9.497	9.501	(1.060)	503630	44.9001	94
	48 4-Nitroaniline	138	9.557	9.555	(1.067)	118978	44.0429	93
	13 4,6-Dinitro-2-methylphenol	198	9.584	9.581	(0.916)	267167	88.6401	190
	49 N-Nitrosodiphenylamine	169	9.590	9.588	(0.917)	402393	44.8505	94
	75 1,2-Diphenylhydrazine	77	9.623	9.621	(0.920)	636483	38.1445	80

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5814.d
Report Date: 11-Aug-2008 13:49

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$	18	2,4,6-Tribromophenol (SUR)	330	9.770	9.767	(1.091)	226977	99.3836	210
	50	4-Bromophenyl-phenylether	248	9.956	9.953	(0.952)	156939	39.7005	84
	112	Atrazine	200	10.115	10.113	(0.967)	149983	46.1614	97
	51	Hexachlorobenzene	284	10.142	10.139	(0.970)	182152	39.1619	82
	14	Pentachlorophenol	266	10.315	10.312	(0.986)	297386	92.3755	190
*	83	Phenanthrene-d10	188	10.461	10.459	(1.000)	644980	40.0000	
	52	Phenanthrene	178	10.481	10.485	(1.002)	751129	39.6537	83
	53	Anthracene	178	10.527	10.525	(1.006)	768120	40.5131	85
	54	Carbazole	167	10.674	10.671	(1.020)	688041	42.4966	89
	55	Di-n-butylphthalate	149	10.959	10.964	(1.048)	1105121	39.3083	83
	56	Fluoranthene	202	11.690	11.695	(1.118)	888548	39.0987	82
	58	Benzidine	184	11.777	11.774	(1.126)	51392	11.9743	25
	57	Pyrene	202	11.930	11.934	(0.896)	1010315	48.1110	100
$	78	Terphenyl-d14	244	12.023	12.020	(0.903)	691092	42.3960	89
	59	Butylbenzylphthalate	149	12.515	12.519	(0.940)	539912	42.3549	89
	63	bis(2-Ethylhexyl)phthalate	149	13.146	13.150	(0.988)	760285	41.3730	87
	60	3,3'-Dichlorobenzidine	252	13.219	13.223	(0.993)	302560	41.7536	88
	61	Benzo(a)anthracene	228	13.279	13.283	(0.998)	837812	42.6170	90
*	81	Chrysene-d12	240	13.312	13.310	(1.000)	731900	40.0000	
	62	Chrysene	228	13.345	13.350	(1.002)	816599	42.3754	89
	64	Di-n-octylphthalate	149	13.924	13.928	(0.908)	1256144	43.9287	92
	65	Benzo(b)fluoranthene	252	14.754	14.752	(0.963)	940310	50.4216	110
	66	Benzo(k)fluoranthene	252	14.781	14.785	(0.964)	798875	39.4772	83
	67	Benzo(a)pyrene	252	15.233	15.244	(0.994)	652295	39.4919	83
*	84	Perylene-d12	264	15.326	15.324	(1.000)	582598	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	17.213	17.231	(1.123)	853642	44.2696	93(M)
	69	Dibenz(a,h)anthracene	278	17.207	17.211	(1.123)	725089	43.8602	92
	70	Benzo(g,h,i)perylene	276	17.792	17.796	(1.161)	654881	43.6548	92

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.


Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5814.d
Date : 11-AUG-2008 01:29
Client ID: 080508-11MS
Sample Info: 940364MS;4453011
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5814.d
Y (x10^6)
Min
-N-Nitrosodimethylamine
-Pyridine
-2-Fluorophenol (SUR)
-Benzaldehyde
-Aniline
-bis(2-Chloroethyl)ether
-2-Chlorophenol
-Benzyl Alcohol
-bis(2-Chloroisopropyl)eth
-2-Methylphenol
-2-Nitrophenol
-2,4-Dimethylphenol
-Isophorone
-bis(2-Chloroethoxy)methan
-2,4-Dichlorophenol
-Hexachlorobutadiene
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-Hexachlorocyclopentadiene
-2,4,6-Trichlorophenol
-2-Nitroaniline
-Dimethylphthalate
-2,6-Dinitrotoluene
-3-Nitroaniline
-Dibenzofuran+
-Diethylphthalate
-2,4,6-Tribromophenol (SUR
-4-Bromophenyl-phenylether
-Hexachlorobenzene
-Pentachlorophenol
-Carbazole
-Di-n-butylphthalate
-Fluoranthene
-Benzidine
-Pyrene
-Terphenyl-d14
-Butylbenzylphthalate
-bis(2-Ethylhexyl)phthalat
-Di-n-octylphthalate
-Benzo(b)fluoranthene
-Benzo(a)pyrene
-Dibenz(a,h)anthracene+
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5815.d
Report Date: 11-Aug-2008 13:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5815.d
Lab Smp Id: 940364MSD Client Smp ID: 080508-11MSD
Inj Date : 11-AUG-2008 01:53
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 940364SD;4453012
Misc Info : X765;WB220Y;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 16 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106	1,4-Dioxane	88	2.915	2.908	(0.503)	34950	20.8123	44
19	N-Nitrosodimethylamine	74	3.228	3.227	(0.557)	70717	23.0431	48
71	Pyridine	79	3.248	3.241	(0.560)	88329	18.3665	39
$ 16	2-Fluorophenol (SUR)	112	4.484	4.483	(0.773)	181795	40.4278	85
110	Benzaldehyde	77	5.361	5.361	(0.924)	136251	37.1968	78
$ 17	Phenol-d5 (SUR)	99	5.401	5.401	(0.931)	149846	23.7734	50
1	Phenol	94	5.414	5.414	(0.934)	168906	25.3381	53
73	Aniline	93	5.494	5.494	(0.947)	178300	28.6730	60
20	bis(2-Chloroethyl)ether	93	5.521	5.520	(0.952)	188657	34.6284	73
2	2-Chlorophenol	128	5.614	5.613	(0.968)	365820	74.5793	160
21	1,3-Dichlorobenzene	146	5.767	5.766	(0.994)	210132	36.1767	76
* 79	1,4-Dichlorobenzene-d4	152	5.800	5.799	(1.000)	145748	40.0000	
22	1,4-Dichlorobenzene	146	5.820	5.819	(1.003)	215767	36.5008	77
74	Benzyl Alcohol	108	5.939	5.939	(1.024)	100469	28.9348	61
23	1,2-Dichlorobenzene	146	6.019	6.019	(1.038)	236336	40.6932	86

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5815.d
Report Date: 11-Aug-2008 13:50

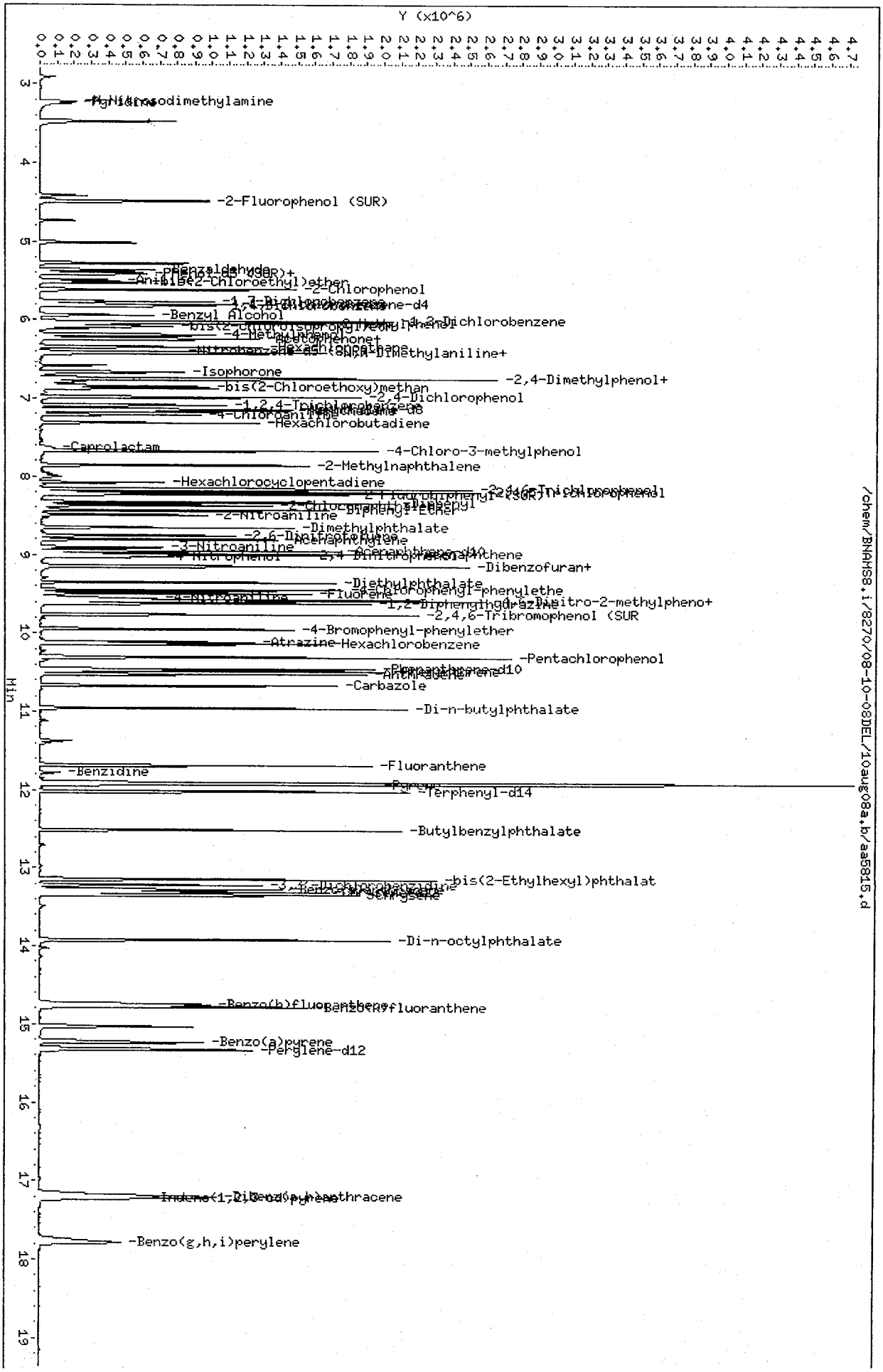
		QUANT SIG					CONCENTRATIONS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
	==========	====	==	======	======	========	=======	=======
	3 2-Methylphenol	108	6.039	6.039	(1.041)	340893	70.5263	150
	24 bis(2-chloroisopropyl)ether	45	6.079	6.079	(1.048)	341478	33.1880	70
	4 4-Methylphenol	108	6.192	6.192	(1.068)	273188	54.7927	120
	104 Acetophenone	105	6.232	6.231	(1.074)	285459	37.2414	78
	25 N-Nitroso-di-n-propylamine	70	6.245	6.238	(1.077)	168864	37.4512	79
	26 Hexachloroethane	117	6.338	6.338	(1.093)	131494	45.5655	96
$	76 Nitrobenzene-d5 (SUR)	82	6.405	6.404	(0.897)	256577	35.3840	74
	107 N,N-Dimethylaniline	120	6.418	6.418	(1.107)	276548	36.1980	76
	27 Nitrobenzene	77	6.425	6.424	(0.900)	331706	35.8366	75
	28 Isophorone	82	6.671	6.650	(0.934)	483474	37.8490	80
	6 2,4-Dimethylphenol	122	6.744	6.743	(0.944)	388029	77.3190	160
	5 2-Nitrophenol	139	6.757	6.750	(0.946)	268555	82.2948	170
	29 bis(2-Chloroethoxy)methane	93	6.850	6.843	(0.959)	220531	35.6022	75
	7 2,4-Dichlorophenol	162	6.990	6.982	(0.979)	375786	79.7585	170
	30 1,2,4-Trichlorobenzene	180	7.083	7.082	(0.992)	190325	35.0018	74
*	80 Naphthalene-d8	136	7.142	7.135	(1.000)	622914	40.0000	
	31 Naphthalene	128	7.162	7.162	(1.003)	537054	36.3203	76
	32 4-Chloroaniline	127	7.209	7.208	(1.009)	206542	33.3843	70
	33 Hexachlorobutadiene	225	7.315	7.315	(1.024)	140382	34.3259	72
	111 Caprolactam	113	7.634	7.587	(1.069)	14181	7.78648	16
	8 4-Chloro-3-methylphenol	107	7.674	7.674	(1.074)	427225	73.8474	160
	34 2-Methylnaphthalene	142	7.860	7.860	(1.100)	405205	38.2669	80
	35 Hexachlorocyclopentadiene	237	8.080	8.079	(0.902)	119901	39.5108	83
	9 2,4,6-Trichlorophenol	196	8.166	8.159	(0.912)	346586	90.6945	190
	10 2,4,5-Trichlorophenol	196	8.206	8.212	(0.916)	356622	89.5534	190
$	77 2-Fluorobiphenyl (SUR)	172	8.232	8.232	(0.919)	444073	36.7955	77
	102 Diphenyl	154	8.332	8.332	(0.930)	529721	37.8403	80
	36 2-Chloronaphthalene	162	8.372	8.372	(0.935)	391189	38.0451	80
	103 Diphenyl Ether	170	8.432	8.431	(0.941)	280891	38.4954	81
	37 2-Nitroaniline	65	8.492	8.491	(0.948)	164533	37.5739	79
	38 Dimethylphthalate	163	8.658	8.657	(0.967)	518412	37.8903	80
	40 2,6-Dinitrotoluene	165	8.758	8.757	(0.978)	122518	38.3786	81
	39 Acenaphthylene	152	8.811	8.810	(0.984)	615459	40.5929	85
	41 3-Nitroaniline	138	8.917	8.910	(0.996)	116463	36.0937	76
*	82 Acenaphthene-d10	164	8.957	8.956	(1.000)	440756	40.0000	
	42 Acenaphthene	154	8.997	8.996	(1.004)	542758	44.3038	93
	11 2,4-Dinitrophenol	184	9.010	9.010	(1.006)	187331	83.5845	180
	12 4-Nitrophenol	65	9.030	9.030	(1.008)	117209	31.9448	67
	43 Dibenzofuran	168	9.150	9.149	(1.022)	649883	38.9265	82
	44 2,4-Dinitrotoluene	165	9.156	9.156	(1.022)	203464	39.3153	83
	45 Diethylphthalate	149	9.356	9.355	(1.045)	617235	38.2182	80
	46 4-Chlorophenyl-phenylether	204	9.455	9.455	(1.056)	256684	38.0981	80
	47 Fluorene	166	9.502	9.501	(1.061)	512565	39.2074	82
	48 4-Nitroaniline	138	9.562	9.555	(1.068)	118949	37.7792	80
	13 4,6-Dinitro-2-methylphenol	198	9.588	9.581	(0.917)	278265	82.3365	170
	49 N-Nitrosodiphenylamine	169	9.595	9.588	(0.917)	405857	40.3438	85
	75 1,2-Diphenylhydrazine	77	9.622	9.621	(0.920)	660321	35.2928	74

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5815.d
Report Date: 11-Aug-2008 13:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$	18 2,4,6-Tribromophenol (SUR)	330	9.768	9.767	(1.091)	228100	85.6922	180
	50 4-Bromophenyl-phenylether	248	9.954	9.953	(0.952)	155061	34.9828	74
	112 Atrazine	200	10.120	10.113	(0.968)	152056	41.7376	88
	51 Hexachlorobenzene	284	10.140	10.139	(0.969)	189998	36.4305	77
	14 Pentachlorophenol	266	10.313	10.312	(0.986)	302051	83.6764	180
*	83 Phenanthrene-d10	188	10.459	10.459	(1.000)	723202	40.0000	
	52 Phenanthrene	178	10.486	10.485	(1.003)	771164	36.3081	76
	53 Anthracene	178	10.525	10.525	(1.006)	757092	35.6124	75
	54 Carbazole	167	10.672	10.671	(1.020)	673456	37.0967	78
	55 Di-n-butylphthalate	149	10.957	10.964	(1.048)	1117082	35.4361	75
	56 Fluoranthene	202	11.689	11.695	(1.118)	893032	35.0457	74
	58 Benzidine	184	11.782	11.774	(1.126)	51278	10.6554	22
	57 Pyrene	202	11.934	11.934	(0.896)	1026953	43.4408	91
$	78 Terphenyl-d14	244	12.021	12.020	(0.903)	683427	37.2428	78
	59 Butylbenzylphthalate	149	12.519	12.519	(0.940)	536520	37.3876	79
	63 bis(2-Ethylhexyl)phthalate	149	13.151	13.150	(0.988)	768349	37.1415	78
	60 3,3'-Dichlorobenzidine	252	13.224	13.223	(0.993)	301597	36.9718	78
	61 Benzo(a)anthracene	228	13.284	13.283	(0.998)	837916	37.8614	80
*	81 Chrysene-d12	240	13.317	13.310	(1.000)	823932	40.0000	
	62 Chrysene	228	13.350	13.350	(1.002)	822666	37.9218	80
	64 Di-n-octylphthalate	149	13.928	13.928	(0.909)	1295841	39.1278	82
	65 Benzo(b)fluoranthene	252	14.752	14.752	(0.962)	877175	40.6122	85
	66 Benzo(k)fluoranthene	252	14.786	14.785	(0.964)	902053	38.4879	81
	67 Benzo(a)pyrene	252	15.238	15.244	(0.994)	662939	34.6548	73
*	84 Perylene-d12	264	15.331	15.324	(1.000)	674752	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.232	17.231	(1.124)	867829	38.8587	82(M)
	69 Dibenz(a,h)anthracene	278	17.212	17.211	(1.123)	738797	38.5859	81
	70 Benzo(g,h,i)perylene	276	17.790	17.796	(1.160)	667117	38.3969	81

QC Flag Legend

M - Compound response manually integrated.



Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5815.d
Date : 11-AUG-2008 01:53
Client ID: 080508-11MSD
Sample Info: 940364SD;445301Z
Volume Injected (uL): 1.0
Column phase: DB-5

Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25

SEMI-VOLATILE BLANK SPIKE RECOVERY
METHOD 8270C

QA Batch: 6517bs

Compound	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC.	QC. LIMITS REC.
Phenol	200	49	24	17-45
2-Chlorophenol	200	160	80	58-98
4-Chloro-3-methylphenol	200	160	80	59-107
4-Nitrophenol	200	61	30	0-111
Pentachlorophenol	200	190	95	72-122
1,4-Dichlorobenzene	100	78	78	44-108
N-Nitroso-di-n-propylami	100	84	84	56-120
1,2,4-Trichlorobenzene	100	75	75	51-104
Acenaphthene	100	98	98	66-117
2,4-Dinitrotoluene	100	91	91	70-117
Pyrene	100	88	88	66-115

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 11 outside limits

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5802.d
Report Date: 11-Aug-2008 13:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5802.d
Lab Smp Id: 6517BS Client Smp ID: 6517BS
Inj Date : 10-AUG-2008 20:42
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 6517BS;BS68420
Misc Info : X765;QA6517
Comment :
Method : /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/8270Cdel_08.m
Meth Date : 10-Aug-2008 20:13 czhao Quant Type: ISTD
Cal Date : 10-AUG-2008 19:53 Cal File: aa5800.d
Als bottle: 3 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106	1,4-Dioxane	88	2.911	2.908	(0.502)	24637	19.2622	38
19	N-Nitrosodimethylamine	74	3.223	3.227	(0.556)	50983	21.8116	44
71	Pyridine	79	3.250	3.241	(0.560)	67005	18.2926	36
$ 16	2-Fluorophenol (SUR)	112	4.480	4.483	(0.772)	132812	38.7776	78
110	Benzaldehyde	77	5.364	5.361	(0.924)	139994	50.1788	100
$ 17	Phenol-d5 (SUR)	99	5.397	5.401	(0.930)	109252	22.7573	46
1	Phenol	94	5.410	5.414	(0.932)	124068	24.4362	49
73	Aniline	93	5.496	5.494	(0.947)	166650	35.1861	70
20	bis(2-Chloroethyl)ether	93	5.523	5.520	(0.952)	158638	38.2306	76
2	2-Chlorophenol	128	5.616	5.613	(0.968)	297940	79.7488	160
21	1,3-Dichlorobenzene	146	5.769	5.766	(0.994)	170060	38.4400	77
* 79	1,4-Dichlorobenzene-d4	152	5.802	5.799	(1.000)	111009	40.0000	
22	1,4-Dichlorobenzene	146	5.815	5.819	(1.002)	176667	39.2389	78
74	Benzyl Alcohol	108	5.935	5.939	(1.023)	80979	30.6200	61
23	1,2-Dichlorobenzene	146	6.021	6.019	(1.038)	169830	38.3928	77

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5802.d
Report Date: 11-Aug-2008 13:46

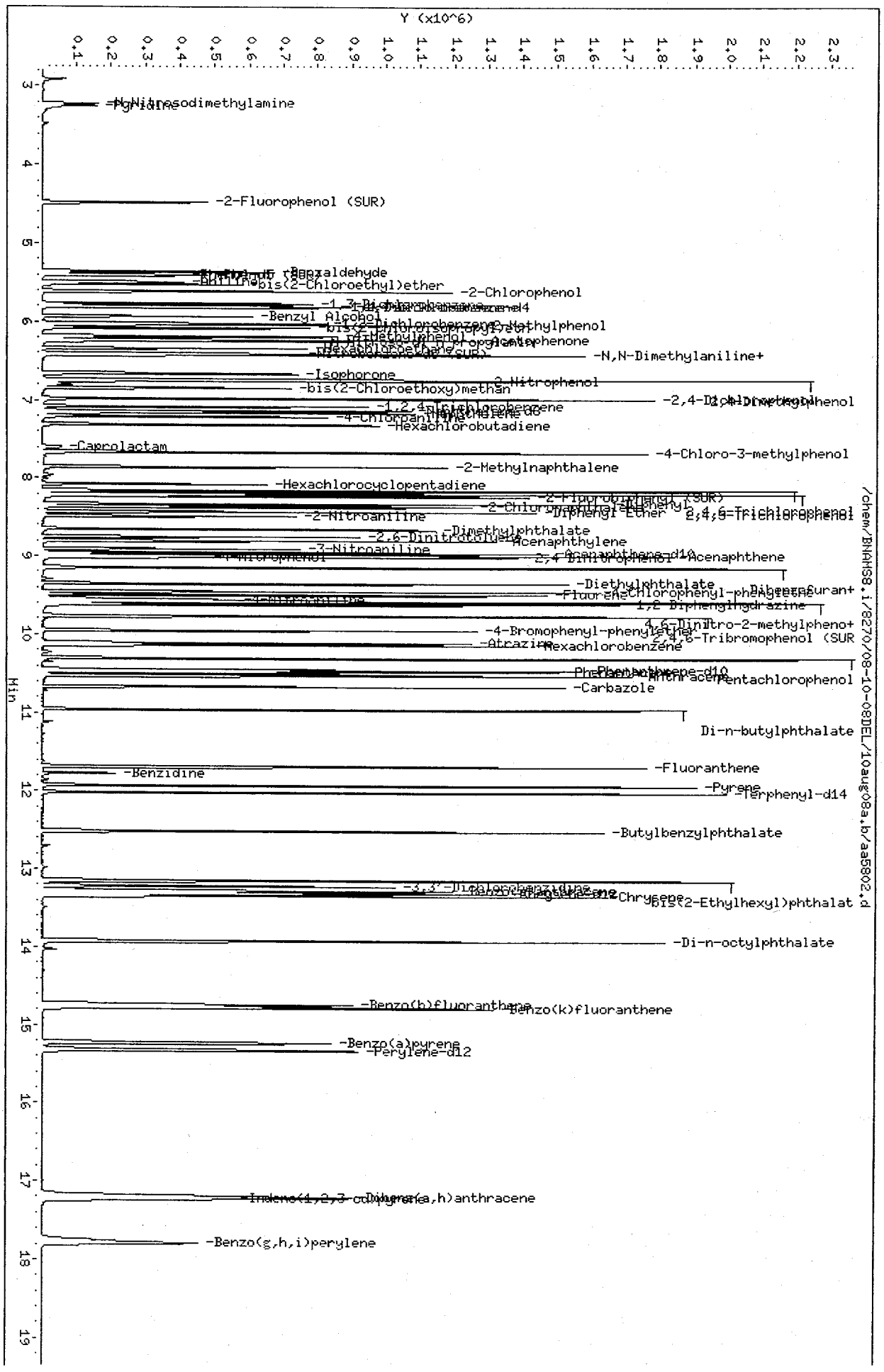
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	3 2-Methylphenol	108	6.041	6.039	(1.041)	229705	62.3948	120
	24 bis(2-chloroisopropyl)ether	45	6.081	6.079	(1.048)	311081	39.6950	79
	4 4-Methylphenol	108	6.188	6.192	(1.066)	207207	54.5645	110
	104 Acetophenone	105	6.234	6.231	(1.074)	244216	41.8313	84
	25 N-Nitroso-di-n-propylamine	70	6.247	6.238	(1.077)	144681	42.1294	84
	26 Hexachloroethane	117	6.341	6.338	(1.093)	85056	38.6972	77
$	76 Nitrobenzene-d5 (SUR)	82	6.407	6.404	(0.898)	223035	40.3788	81
	107 N,N-Dimethylaniline	120	6.420	6.418	(1.107)	229026	39.3589	79
	27 Nitrobenzene	77	6.427	6.424	(0.900)	285799	40.5345	81
	28 Isophorone	82	6.666	6.650	(0.934)	422044	43.3741	87
	6 2,4-Dimethylphenol	122	6.746	6.743	(0.945)	301808	78.9485	160
	5 2-Nitrophenol	139	6.759	6.750	(0.947)	216684	87.1680	170
	29 bis(2-Chloroethoxy)methane	93	6.846	6.843	(0.959)	191946	40.6797	81
	7 2,4-Dichlorophenol	162	6.985	6.982	(0.979)	302439	84.2685	170
	30 1,2,4-Trichlorobenzene	180	7.085	7.082	(0.993)	156185	37.7072	75
*	80 Naphthalene-d8	136	7.138	7.135	(1.000)	474501	40.0000	
	31 Naphthalene	128	7.165	7.162	(1.004)	437992	38.8856	78
	32 4-Chloroaniline	127	7.211	7.208	(1.010)	192088	40.7591	82
	33 Hexachlorobutadiene	225	7.318	7.315	(1.025)	115529	37.0845	74
	111 Caprolactam	113	7.610	7.587	(1.066)	12312	8.87470	18(H)
	8 4-Chloro-3-methylphenol	107	7.670	7.674	(1.074)	363092	82.3922	160
	34 2-Methylnaphthalene	142	7.863	7.860	(1.101)	333387	41.3322	83
	35 Hexachlorocyclopentadiene	237	8.075	8.079	(0.901)	97824	41.6421	83
	9 2,4,6-Trichlorophenol	196	8.162	8.159	(0.911)	284888	96.3027	190
	10 2,4,5-Trichlorophenol	196	8.208	8.212	(0.916)	298630	96.8728	190
$	77 2-Fluorobiphenyl (SUR)	172	8.235	8.232	(0.919)	374114	40.0441	80
	102 Diphenyl	154	8.334	8.332	(0.930)	443326	40.9095	82
	36 2-Chloronaphthalene	162	8.368	8.372	(0.934)	318572	40.0234	80
	103 Diphenyl Ether	170	8.434	8.431	(0.941)	231866	41.0489	82
	37 2-Nitroaniline	65	8.494	8.491	(0.948)	146050	43.0853	86
	38 Dimethylphthalate	163	8.660	8.657	(0.967)	450723	42.5556	85
	40 2,6-Dinitrotoluene	165	8.760	8.757	(0.978)	107895	43.6601	87
	39 Acenaphthylene	152	8.806	8.810	(0.983)	527701	44.9607	90
	41 3-Nitroaniline	138	8.913	8.910	(0.995)	103629	41.4877	83
*	82 Acenaphthene-d10	164	8.959	8.956	(1.000)	341196	40.0000	
	42 Acenaphthene	154	8.992	8.996	(1.004)	463227	48.8453	98
	11 2,4-Dinitrophenol	184	9.012	9.010	(1.006)	159399	91.8747	180
	12 4-Nitrophenol	65	9.026	9.030	(1.007)	86756	30.5445	61
	43 Dibenzofuran	168	9.152	9.149	(1.022)	561445	43.4422	87
	44 2,4-Dinitrotoluene	165	9.159	9.156	(1.022)	181824	45.3857	91
	45 Diethylphthalate	149	9.358	9.355	(1.044)	540741	43.2517	86
	46 4-Chlorophenyl-phenylether	204	9.458	9.455	(1.056)	223544	42.8609	86
	47 Fluorene	166	9.498	9.501	(1.060)	432373	42.7240	85
	48 4-Nitroaniline	138	9.557	9.555	(1.067)	103034	42.2734	84
	13 4,6-Dinitro-2-methylphenol	198	9.584	9.581	(0.916)	236400	88.8818	180
	49 N-Nitrosodiphenylamine	169	9.591	9.588	(0.917)	345148	43.5954	87
	75 1,2-Diphenylhydrazine	77	9.624	9.621	(0.920)	581170	39.4699	79

Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5802.d
Report Date: 11-Aug-2008 13:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$	18 2,4,6-Tribromophenol (SUR)	330	9.770	9.767	(1.091)	192904	93.6163	190
	50 4-Bromophenyl-phenylether	248	9.956	9.953	(0.952)	132108	37.8715	76
	112 Atrazine	200	10.116	10.113	(0.967)	136784	47.7079	95
	51 Hexachlorobenzene	284	10.142	10.139	(0.970)	157111	38.2784	76
	14 Pentachlorophenol	266	10.315	10.312	(0.986)	265774	93.5550	190
*	83 Phenanthrene-d10	188	10.461	10.459	(1.000)	569152	40.0000	
	52 Phenanthrene	178	10.488	10.485	(1.003)	646011	38.6481	77
	53 Anthracene	178	10.528	10.525	(1.006)	655736	39.1935	78
	54 Carbazole	167	10.674	10.671	(1.020)	570055	39.9001	80
	55 Di-n-butylphthalate	149	10.960	10.964	(1.048)	974912	39.2969	78
	56 Fluoranthene	202	11.691	11.695	(1.118)	768541	38.3236	77
	58 Benzidine	184	11.777	11.774	(1.126)	70715	18.6717	37
	57 Pyrene	202	11.937	11.934	(0.897)	792188	44.0773	88
$	78 Terphenyl-d14	244	12.023	12.020	(0.903)	587566	42.1159	84
	59 Butylbenzylphthalate	149	12.522	12.519	(0.941)	460212	42.1831	84
	63 bis(2-Ethylhexyl)phthalate	149	13.153	13.150	(0.988)	663759	42.2037	84
	60 3,3'-Dichlorobenzidine	252	13.219	13.223	(0.993)	225193	36.3110	73
	61 Benzo(a)anthracene	228	13.286	13.283	(0.998)	713905	42.4304	85
*	81 Chrysene-d12	240	13.312	13.310	(1.000)	626400	40.0000	
	62 Chrysene	228	13.352	13.350	(1.003)	701272	42.5199	85
	64 Di-n-octylphthalate	149	13.931	13.928	(0.909)	1101334	43.6067	87
	65 Benzo(b)fluoranthene	252	14.748	14.752	(0.962)	748282	45.4294	91
	66 Benzo(k)fluoranthene	252	14.788	14.785	(0.964)	729367	40.8074	82
	67 Benzo(a)pyrene	252	15.240	15.244	(0.994)	560727	38.4363	77
*	84 Perylene-d12	264	15.333	15.324	(1.000)	514569	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.234	17.231	(1.124)	742400	43.5906	87
	69 Dibenz(a,h)anthracene	278	17.214	17.211	(1.123)	628543	43.0467	86
	70 Benzo(g,h,i)perylene	276	17.799	17.796	(1.161)	580680	43.8260	88

QC Flag Legend

H - Operator selected an alternate compound hit.


Y (x10^6)
Min
Data File: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5802.d
Date : 10-AUG-2008 20:42
Client ID: 6517BS
Sample Info: 6517BS;BS68420
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b/aa5802.d
Pyridine
N-Nitrosodimethylamine
-2-Fluorophenol (SUR)
Benzaldehyde
bis(2-Chloroethyl)ether
-2-Chlorophenol
-Benzyl Alcohol
-2-Methylphenol
-N,N-Dimethylaniline+
-Isophorone
-2-Nitrophenol
-bis(2-Chloroethoxy)methan
-2,4-Dichlorophenol
-Hexachlorobutadiene
-Caprolactam
-4-Chloro-3-methylphenol
-2-Methylnaphthalene
-Hexachlorocyclopentadiene
-2-Fluorobiphenyl (SUR)
-2,4,6-Trichlorophenol
-Diphenyl Ether
-2-Nitroaniline
-Dimethylphthalate
-Acenaphthylene
-3-Nitroaniline
-Acenaphthene
-Diethylphthalate
-Fluorene
-4-Chlorophenyl-phenylether
-Diphenylhydrazine
-4-Bromophenyl-phenylether
-Hexachlorobenzene
-Pentachlorophenol
-Carbazole
Di-n-butylphthalate
-Fluoranthene
-Benzidine
-Pyrene
-Terphenyl-d14
-Butylbenzylphthalate
-Chrysene
bis(2-Ethylhexyl)phthalat
-Di-n-octylphthalate
-Benzo(b)fluoranthene
-Benzo(k)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Internal Standard Area and RT Summary

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA5800 Date Analyzed: 08/10/08

Instrument ID: BNAMS8 Time Analyzed: 1953

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (CRY) AREA #	RT #
	12 HOUR STD	103974	5.80	432524	7.14	576114	13.31
	UPPER LIMIT	207948	6.30	865048	7.64	1152228	13.81
	LOWER LIMIT	51987	5.30	216262	6.64	288057	12.81
	LABORATORY SAMPLE NO.						
01	WB220Y	124750	5.80	539424	7.14	705900	13.30
02	6517BS	111009	5.80	474501	7.14	626400	13.31
03	940028	117683	5.80	518980	7.14	656345	13.30
04	940029	132404	5.79	564811	7.14	727606	13.31
05	940030	111598	5.80	493560	7.14	618921	13.30
06	940031	115946	5.80	497110	7.14	681730	13.31
07	940032	131948	5.80	568840	7.13	728922	13.31
08	940033	131294	5.80	579232	7.14	771857	13.31
09	940362	129783	5.80	549527	7.13	730412	13.30
10	940363	123068	5.80	528883	7.14	712089	13.31
11	940364	161484	5.80	713691	7.13	965105	13.31
12	940364MS	127552	5.80	536531	7.14	731900	13.31
13	940364MSD	145748	5.80	622914	7.14	823932	13.32
14	940365	123150	5.80	531130	7.13	693269	13.30
15	940366	140189	5.80	592120	7.14	779457	13.30
16	940367	119232	5.80	522103	7.13	681726	13.30
17	940368	133135	5.80	562219	7.14	724367	13.31
18	940369	125744	5.80	549862	7.14	718100	13.30
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA5800 Date Analyzed: 08/10/08

Instrument ID: BNAMS8 Time Analyzed: 1953

		IS4(ANT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	310591		8.96		475762		10.46		496627		15.32	
	UPPER LIMIT	621182		9.46		951524		10.96		993254		15.82	
	LOWER LIMIT	155296		8.46		237881		9.96		248314		14.82	
	LABORATORY SAMPLE NO.												
01	WB220Y	401311		8.96		666503		10.45		587365		15.32	
02	6517BS	341196		8.96		569152		10.46		514569		15.33	
03	940028	370712		8.96		632594		10.45		556823		15.32	
04	940029	407931		8.96		693471		10.45		625216		15.32	
05	940030	352937		8.96		602970		10.45		536231		15.32	
06	940031	368090		8.95		644899		10.45		567645		15.32	
07	940032	405735		8.95		687809		10.46		612388		15.32	
08	940033	438775		8.96		744785		10.45		642046		15.32	
09	940362	401554		8.96		690382		10.45		605384		15.32	
10	940363	391807		8.96		666420		10.45		594218		15.32	
11	940364	531290		8.96		900383		10.45		791015		15.32	
12	940364MS	378165		8.96		644980		10.46		582598		15.33	
13	940364MSD	440756		8.96		723202		10.46		674752		15.33	
14	940365	382394		8.96		635084		10.45		584658		15.32	
15	940366	429707		8.96		732234		10.45		650873		15.32	
16	940367	379801		8.96		644812		10.45		568804		15.32	
17	940368	408137		8.95		682958		10.45		608185		15.32	
18	940369	400059		8.96		664770		10.45		611806		15.32	
19													
20													
21													
22													

IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA5834 Date Analyzed: 08/12/08

Instrument ID: BNAMS8 Time Analyzed: 1032

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(CRY) AREA	#	RT	#
	12 HOUR STD	141610		5.72		542392		7.06		596676		13.22	
	UPPER LIMIT	283220		6.22		1084784		7.56		1193352		13.72	
	LOWER LIMIT	70805		5.22		271196		6.56		298338		12.72	
	LABORATORY SAMPLE NO.												
01	940360	151616		5.72		587655		7.06		594641		13.21	
02	940361	159829		5.72		630529		7.06		627961		13.21	
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA5834 Date Analyzed: 08/12/08

Instrument ID: BNAMS8 Time Analyzed: 1032

		IS4(ANT) AREA #	RT #	IS5(PHN) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	401552	8.88	600538	10.38	551375	15.20
	UPPER LIMIT	803104	9.38	1201076	10.88	1102750	15.70
	LOWER LIMIT	200776	8.38	300269	9.88	275688	14.70
	LABORATORY SAMPLE NO.						
01	940360	405445	8.88	643313	10.38	535592	15.19
02	940361	436402	8.88	677842	10.38	566341	15.20
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

Injection Log Book

WB220Y

DESOP

SVOA GC/MS Extractions

TestAmerica Edison

Matrix: WATER
Job #: X765
Client: Conestoga, Rovers &
Method Blank:
QA Batch: 6517

Analytical Method: 8270C
Prep Method: 3510C
F/B Date: 8-7-8
F/B Initials: RG
Internal Std Lot#/Amt: 42654 - 20ul

Acid Surr Lot #/Amt:
BN Surr Lot#/Amt: SB1175 1 ml
DRO Surr Lot#/Amt:
CLP Surr Lot#/Amt:
QC Spike Lot#/Amt: SB1179 1 ml
OQA-QAM-025 Surr Lot#/Amt:

Sample ID	Extract Date	Extract Solvent	Extract Volume	Sample Vol/Wt	Final Volume	Spike Initial	Spike Witness	Comments	Sox. Pos.	pH AE	pH BN
940028	8-7-8	MeCl2	3X60	990	2 ml	RG	JS	TCLBNA+20		<2	12
940029				990				TCLBNA+20			
940030				990				TCLBNA+20			
940031				980				TCLBNA+20			
940032				990				TCLBNA+20			
940033				990				TCLBNA+20			
940360				990				TCLBNA+20			
940361				950				TCLBNA+20			
940362				990				TCLBNA+20			
940363				990				TCLBNA+20			
940364 *				950				TCLBNA+20 MS/MSD			
940365				950				TCLBNA+20			
940366				980				TCLBNA+20			
940367				980				TCLBNA+20			
940368				970				TCLBNA+20			
940369				980				TCLBNA+20			

940364MS	8-7-8	MeCl2	3X60	950	2 ml	RG	JS	BNA		<2	12
MD				950							
BS6517				1000							
WB220Y											

Extracted By:
Reviewed By: JS 8/7/8

Relinquished By/Date: RG 8-7-08
Received By/Date: JS 8/8/08

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS8.i

Analytical Batch: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08.b

Date Generated: 08/10/2008

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	EXT DATE	IV/IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/10/08 1623	aa5791.d	96	AADFTPP223					0	0	1	2.0	all	4216	S
08/10/08 1646	aa5792.d	1	AASTD050					1000	2	1	1.0	all	4268	S
08/10/08 1710	aa5793.d	2	AASTD120					1000	2	1	1.0	all	4269	S
08/10/08 1734	aa5794.d	3	AASTD005					1000	2	1	1.0	all		C
08/10/08 1758	aa5795.d	4	AASTD080					1000	2	1	1.0	all		S
08/10/08 1822	aa5796.d	5	AASTD020					1000	2	1	1.0	all	↓	S

DEL

NS for Benzaldehyde.

Signed: C-D Read and Understood by: W. D.

Date: 8/10/08 Date: 8-10-08

1243

TestAmerica Edison

X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS8.i

Analytical Batch: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b

Date Generated: 08/11/2008

Date	Data File	ALS	Sample ID	Job #	QA	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/10/08 1938	aa5799.d	96	AADFTPP223a					0	0	1	2.0	all	4216	S
08/10/08 1953	aa5800.d	1	AASTD223					1000	2	1	1.0	all	4268	S 8270 / DEL
08/10/08 2017	aa5801.d	2	WB220Y			WB220Y	08/07/08	1000	2	1	1.0	all		S
08/10/08 2042	aa5802.d	3	6517BS		6517	10aug08a	08/07/08	1000	2	1	1.0	all		S
08/10/08 2106	aa5803.d	4	940028	X765	6517	WB220Y	08/07/08	990	2	1	1.0	4.2lis		S
08/10/08 2130	aa5804.d	5	940029	X765	6517	WB220Y	08/07/08	990	2	1	1.0	4.2lis		S
08/10/08 2154	aa5805.d	6	940030	X765	6517	WB220Y	08/07/08	990	2	1	1.0	4.2lis		S
08/10/08 2218	aa5806.d	7	940031	X765	6517	WB220Y	08/07/08	980	2	10	1.0	4.2lis		S
08/10/08 2242	aa5807.d	8	940032	X765	6517	WB220Y	08/07/08	990	2	1	1.0	4.2lis		S
08/10/08 2306	aa5808.d	9	940033	X765	6517	WB220Y	08/07/08	990	2	1	1.0	4.2lis		S
08/10/08 2330	aa5809.d	10	940360	X765	6517	WB220Y	08/07/08	990	2	1	1.0	4.2lis		one surr. RR 2x
08/10/08 2354	aa5810.d	11	940361	X765	6517	WB220Y	08/07/08	950	2	1	1.0	4.2lis		IS ↑ RR RR 2x
08/11/08 0018	aa5811.d	12	940362	X765	6517	WB220Y	08/07/08	990	2	1	1.0	4.2lis		S
08/11/08 0042	aa5812.d	13	940363	X765	6517	WB220Y	08/07/08	990	2	1	1.0	4.2lis		S

1244
TestAmerica Edison
X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS8.i

Analytical Batch: /chem/BNAMS8.i/8270/08-10-08DEL/10aug08a.b

Date Generated: 08/11/2008

Date	Data File	ALS	Sample ID	Job #	QA	LPB	EXT DATE	IV/IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/11/08 0105	aa5813.d	14	940364	X765	6517	WB220Y	08/07/08	950	2	1	1.0	4.2lis		↳
08/11/08 0129	aa5814.d	15	940364MS	X765	6517	WB220Y	08/07/08	950	2	1	1.0	all		↳
08/11/08 0153	aa5815.d	16	940364MSD	X765	6517	WB220Y	08/07/08	950	2	1	1.0	all		↳
08/11/08 0217	aa5816.d	17	940365	X765	6517	WB220Y	08/07/08	950	2	1	1.0	4.2lis		↳
08/11/08 0241	aa5817.d	18	940366	X765	6517	WB220Y	08/07/08	980	2	1	1.0	4.2lis		↳
08/11/08 0305	aa5818.d	19	940367	X765	6517	WB220Y	08/07/08	980	2	1	1.0	4.2lis		↳
08/11/08 0329	aa5819.d	20	940368	X765	6517	WB220Y	08/07/08	970	2	1	1.0	4.2lis		↳
08/11/08 0353	aa5820.d	21	940369	X765	6517	WB220Y	08/07/08	980	2	1	1.0	4.2lis		↳
08/11/08 0417	aa5821.d	22	AASTD223br					1000	2	1	1.0	all	4168	↳
08/11/08 0440	aa5822.d	23	940839	X903	7888	SB220F	08/07/08	15	1	1	1.0	SRS		↳
08/11/08 0504	aa5823.d	24	940840	X903	7888	SB220F	08/07/08	15	1	1	1.0	SRS		↳
08/11/08 0528	aa5824.d	25	940838	X903	7888	SB220F	08/07/08	15	1	1	1.0	SRS		spk. out RR on PPAH
08/11/08 0552	aa5825.d	26	940837	X903	7888	SB220F	08/07/08	15	1	5	1.0	SRS		spk. out RR on PPAH
08/11/08 0616	aa5826.d	27	940678	X872	7888	SB220F	08/07/08	15	1	1	1.0	PPPAH+		↳

1245
TestAmerica Edison
X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS8.i

Analytical Batch: /chem/BNAMS8.i/8270/08-10-08/10aug08a.b

Date Generated: 08/11/2008

Date	Data File	ALS	Sample ID	Job #	QA	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/11/08 0640	aa5827.d	28	940677	X872	7888	SB220F	08/07/08	15	1	1	1.0	PPPAH+		S
08/11/08 0704	aa5828.d	29	blk			10aug08a		1000	2	1	1.0	all		
08/11/08 0728	aa5829.d	30	blk			10aug08a		1000	2	1	1.0	all		
08/11/08 0752	aa5830.d	31	blk			10aug08a		1000	2	1	1.0	all		

Signed: C. T Read and Understood by: W. J

Date: 8/11/08 Date: 8-11-08

1246

TestAmerica Edison

X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS8.i

Analytical Batch: /chem/BNAMS8.i/8270/08-12-08/12aug08.b

Date Generated: 08/12/2008

Date	Data File	ALS	Sample ID	Job #	QA	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/12/08 0951	aa5833.d	96	AADFTPP225					0	0	1	2.0	all	BNL +266	G
08/12/08 1032	aa5834.d	1	AASTD050					1000	2	1	1.0	all	BNA +268	
08/12/08 1056	aa5835.d	2	AASTD120					1000	2	1	1.0	all		Range pad for Del 8270 BNA +269
08/12/08 1120	aa5836.d	3	AASTD005					1000	2	1	1.0	all		
08/12/08 1144	aa5837.d	4	AASTD080					1000	2	1	1.0	all		
08/12/08 1209	aa5838.d	5	AASTD020					1000	2	1	1.0	all		
08/12/08 1233	aa5839.d	6	AASTD010					1000	2	1	1.0	all		
08/12/08 1307	aa5840.d	4	AASTD080					1000	2	1	1.0	all		NL
08/12/08 1336	aa5841.d	8	AASTDicv			12aug08		1000	1	1	1.0	all		—
08/12/08 1405	aa5842.d	9	WB220Y-1	12au		12aug08		1000	2	1	1.0	all		G
08/12/08 1430	aa5843.d	10	940360	X765	6517	WB220Y	08/07/08	990	2	2	1.0	4.2lis		G
08/12/08 1454	aa5844.d	11	940361	X765	6517	WB220Y	08/07/08	950	2	2	1.0	4.2lis		G Issue ?
08/12/08 1518	aa5845.d	12	AASTD050br					1000	2	1	1.0	all		G
08/12/08 1545	aa5846.d	13	SB224P			SB224P	08/11/08	15	1	1	1.0	all		G

1247

TestAmerica Edison

X765

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS8.i

Analytical Batch: /chem/BNAMS8.i/8270/08-12-08DEL/12aug08.b

Date Generated: 08/12/2008

Date	Data File	ALS	Sample ID	Job #	QA	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/12/08 1609	aa5847.d	14	7896BS		7896	12aug08	08/11/08	15	1	1	1.0	all		
08/12/08 1633	aa5848.d	15	941217	X972	7896	SB224P	08/11/08	15	1	1	1.0	HSLBNA		
08/12/08 1657	aa5849.d	16	941217MS	X972	7896	SB224P	08/11/08	15	1	1	1.0	all		
08/12/08 1721	aa5850.d	17	941217MSD	X972	7896	SB224P	08/11/08	15	1	1	1.0	all		
08/12/08 1745	aa5851.d	18	AASTD050br1					1000	2	1	1.0	all		

Signed: _____ Read and Understood by: _____

Date: 08-12-08 Date: 8-16-08

1248

TestAmerica Edison

X765

Metals Forms and Data

Analytical Results Summary

Client ID: **080408-01**
Site: **GM Wilmington-17338**

Lab Sample No: 940028
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	349	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	294	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	15700	74.5		P
Chromium	2.8	2.8	B	P
Cobalt	ND	3.5		P
Copper	ND	3.1		P
Iron	2040	39.7		P
Lead	ND	2.2		P
Magnesium	12600	70.0		P
Manganese	340	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	2650	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	80100	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	7.9	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-02**
Site: **GM Wilmington-17338**

Lab Sample No: 940029
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	387	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	410	1.3		P
Beryllium	ND	0.10		P
Cadmium	0.59	0.50	B	P
Calcium	53500	74.5		P
Chromium	ND	2.8		P
Cobalt	19.0	3.5	B	P
Copper	3.3	3.1	B	P
Iron	67800	39.7		P
Lead	13.7	2.2		P
Magnesium	35300	70.0		P
Manganese	1900	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	3220	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	78500	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-03**
Site: **GM Wilmington-17338**

Lab Sample No: 940030
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1000	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	284	1.3		P
Beryllium	0.13	0.10	B	P
Cadmium	ND	0.50		P
Calcium	52100	74.5		P
Chromium	3.4	2.8	B	P
Cobalt	ND	3.5		P
Copper	ND	3.1		P
Iron	3940	39.7		P
Lead	ND	2.2		P
Magnesium	26000	70.0		P
Manganese	682	2.9		P
Mercury	0.28	0.10		CV
Nickel	ND	3.9		P
Potassium	8580	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	117000	361		P
Thallium	ND	4.8		P
Vanadium	1.7	1.5	B	P
Zinc	8.2	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-04**
Site: **GM Wilmington-17338**

Lab Sample No: 940031
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1550	77.4		P
Antimony	ND	4.9		P
Arsenic	26.5	4.5		P
Barium	183	1.3	B	P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	35000	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	5.7	3.1	B	P
Iron	45000	39.7		P
Lead	8.1	2.2		P
Magnesium	22200	70.0		P
Manganese	532	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	4900	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	68100	361		P
Thallium	ND	4.8		P
Vanadium	2.1	1.5	B	P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-05**
Site: **GM Wilmington-17338**

Lab Sample No: 940032
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	104	77.4	B	P
Antimony	ND	4.9		P
Arsenic	16.5	4.5		P
Barium	586	1.3		P
Beryllium	ND	0.10		P
Cadmium	0.70	0.50	B	P
Calcium	47000	74.5		P
Chromium	ND	2.8		P
Cobalt	3.8	3.5	B	P
Copper	3.8	3.1	B	P
Iron	73500	39.7		P
Lead	12.5	2.2		P
Magnesium	38600	70.0		P
Manganese	1170	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	6010	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	217000	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	6.1	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080408-06**
Site: **GM Wilmington-17338**

Lab Sample No: 940033
Lab Job No: X765

Date Sampled: 08/04/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	2520	77.4		P
Antimony	ND	4.9		P
Arsenic	8.7	4.5		P
Barium	145	1.3	B	P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	31200	74.5		P
Chromium	4.9	2.8	B	P
Cobalt	ND	3.5		P
Copper	5.5	3.1	B	P
Iron	55800	39.7		P
Lead	17.9	2.2		P
Magnesium	32800	70.0		P
Manganese	406	2.9		P
Mercury	ND	0.10		CV
Nickel	4.2	3.9	B	P
Potassium	2570	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	40600	361		P
Thallium	ND	4.8		P
Vanadium	6.1	1.5	B	P
Zinc	11.9	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-07**
Site: **GM Wilmington-17338**

Lab Sample No: 940360
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	150	77.4	B	P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	662	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	101000	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	4.0	3.1	B	P
Iron	260000	79.4		P
Lead	54.1	2.2		P
Magnesium	109000	70.0		P
Manganese	22200	5.8		P
Mercury	0.15	0.10	B	CV
Nickel	ND	3.9		P
Potassium	5070	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	97400	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-08**
Site: **GM Wilmington-17338**

Lab Sample No: 940361
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	4540	77.4		P
Antimony	ND	4.9		P
Arsenic	47.8	4.5		P
Barium	350	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	71500	74.5		P
Chromium	6.1	2.8	B	P
Cobalt	128	3.5		P
Copper	5.4	3.1	B	P
Iron	100000	39.7		P
Lead	20.6	2.2		P
Magnesium	55500	70.0		P
Manganese	968	2.9		P
Mercury	ND	0.10		CV
Nickel	7.2	3.9	B	P
Potassium	4900	130	B	P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	93200	361		P
Thallium	ND	4.8		P
Vanadium	10.6	1.5	B	P
Zinc	11.3	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-09**
Site: **GM Wilmington-17338**

Lab Sample No: 940362
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	2420	77.4		P
Antimony	ND	4.9		P
Arsenic	4.8	4.5	B	P
Barium	352	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	40000	74.5		P
Chromium	3.5	2.8	B	P
Cobalt	ND	3.5		P
Copper	5.4	3.1	B	P
Iron	33500	39.7		P
Lead	7.2	2.2		P
Magnesium	22900	70.0		P
Manganese	604	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	6200	130		P
Selenium	ND	4.8		P
Silver	7.2	1.2	B	P
Sodium	81600	361		P
Thallium	ND	4.8		P
Vanadium	4.4	1.5	B	P
Zinc	10.4	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-10**
Site: **GM Wilmington-17338**

Lab Sample No: 940363
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	2660	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	375	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	42900	74.5		P
Chromium	3.3	2.8	B	P
Cobalt	ND	3.5		P
Copper	4.0	3.1	B	P
Iron	36500	39.7		P
Lead	7.8	2.2		P
Magnesium	24300	70.0		P
Manganese	640	2.9		P
Mercury	ND	0.10		CV
Nickel	4.3	3.9	B	P
Potassium	6650	130		P
Selenium	ND	4.8		P
Silver	6.3	1.2	B	P
Sodium	85900	361		P
Thallium	ND	4.8		P
Vanadium	5.2	1.5	B	P
Zinc	10.8	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-11**
Site: **GM Wilmington-17338**

Lab Sample No: 940364
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	342	77.4		P
Antimony	ND	4.9		P
Arsenic	11.0	4.5		P
Barium	658	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	74100	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	ND	3.1		P
Iron	23000	39.7		P
Lead	2.3	2.2	B	P
Magnesium	26200	70.0		P
Manganese	939	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	19000	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	203000	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-12**
Site: **GM Wilmington-17338**

Lab Sample No: 940365
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	3710	77.4		P
Antimony	ND	4.9		P
Arsenic	15.0	4.5		P
Barium	313	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	29400	74.5		P
Chromium	4.9	2.8	B	P
Cobalt	17.3	3.5	B	P
Copper	7.6	3.1	B	P
Iron	62500	39.7		P
Lead	13.3	2.2		P
Magnesium	26400	70.0		P
Manganese	2380	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	3440	130	B	P
Selenium	ND	4.8		P
Silver	1.3	1.2	B	P
Sodium	63100	361		P
Thallium	ND	4.8		P
Vanadium	8.8	1.5	B	P
Zinc	6.4	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-13**
Site: **GM Wilmington-17338**

Lab Sample No: 940366
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1330	77.4		P
Antimony	ND	4.9		P
Arsenic	6.4	4.5		P
Barium	452	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	39500	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	3.6	3.1	B	P
Iron	26100	39.7		P
Lead	4.2	2.2	B	P
Magnesium	32000	70.0		P
Manganese	1400	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	5290	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	80300	361		P
Thallium	ND	4.8		P
Vanadium	2.4	1.5	B	P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-14**
Site: **GM Wilmington-17338**

Lab Sample No: 940367
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	ND	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	ND	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	ND	74.5		P
Chromium	ND	2.8		P
Cobalt	ND	3.5		P
Copper	ND	3.1		P
Iron	ND	39.7		P
Lead	ND	2.2		P
Magnesium	ND	70.0		P
Manganese	ND	2.9		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	ND	130		P
Selenium	ND	4.8		P
Silver	ND	1.2		P
Sodium	ND	361		P
Thallium	ND	4.8		P
Vanadium	ND	1.5		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-15**
Site: **GM Wilmington-17338**

Lab Sample No: 940368
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1410	77.4		P
Antimony	ND	4.9		P
Arsenic	ND	4.5		P
Barium	223	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	70500	74.5		P
Chromium	3.0	2.8	B	P
Cobalt	ND	3.5		P
Copper	3.8	3.1	B	P
Iron	1270	39.7		P
Lead	ND	2.2		P
Magnesium	43300	70.0		P
Manganese	14.7	2.9	B	P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Potassium	9780	130		P
Selenium	ND	4.8		P
Silver	1.6	1.2	B	P
Sodium	402000	722		P
Thallium	ND	4.8		P
Vanadium	2.9	1.5	B	P
Zinc	9.5	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **080508-16**
Site: **GM Wilmington-17338**

Lab Sample No: 940369
Lab Job No: X765

Date Sampled: 08/05/08
Date Received: 08/04/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	7480	77.4		P
Antimony	ND	4.9		P
Arsenic	7.1	4.5		P
Barium	295	1.3		P
Beryllium	ND	0.10		P
Cadmium	ND	0.50		P
Calcium	42900	74.5		P
Chromium	8.8	2.8	B	P
Cobalt	4.7	3.5	B	P
Copper	6.9	3.1	B	P
Iron	11000	39.7		P
Lead	5.4	2.2		P
Magnesium	12100	70.0		P
Manganese	545	2.9		P
Mercury	ND	0.10		CV
Nickel	4.7	3.9	B	P
Potassium	6640	130		P
Selenium	ND	4.8		P
Silver	2.3	1.2	B	P
Sodium	107000	361		P
Thallium	ND	4.8		P
Vanadium	15.3	1.5	B	P
Zinc	17.1	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Blank Results Summary

BLANKS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	77.4	U	77.4	U	77.4	U	77.4	U	77.400	U	P
Antimony	4.9	U	4.9	U	4.9	U	4.9	U	4.900	U	P
Arsenic	4.5	U	4.5	U	4.5	U	4.5	U	4.500	U	P
Barium	1.3	U	1.3	U	1.3	U	1.3	U	1.300	U	P
Beryllium	0.1	U	0.1	U	0.1	U	0.1	U	0.120	U	P
Cadmium	0.5	U	0.5	U	0.5	U	0.5	U	0.500	U	P
Calcium	74.5	U	74.5	U	74.5	U	74.5	U	74.500	U	P
Chromium	2.8	U	2.8	U	2.8	U	2.8	U	2.800	U	P
Cobalt	3.5	U	3.5	U	3.5	U	3.5	U	3.500	U	P
Copper	3.1	U	3.1	U	3.1	U	3.1	U	3.100	U	P
Iron	39.7	U	39.7	U	39.7	U	39.7	U	39.700	U	P
Lead	2.2	U	2.2	U	2.2	U	2.2	U	2.200	U	P
Magnesium	70.0	U	70.0	U	70.0	U	70.0	U	70.000	U	P
Manganese	2.9	U	2.9	U	2.9	U	2.9	U	2.900	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.120	U	CV
Nickel	3.9	U	3.9	U	3.9	U	3.9	U	3.900	U	P
Potassium	-413.1	B	-415.0	B	-395.4	B	-402.6	B	-403.151	B	P
Selenium	4.8	U	4.8	U	4.8	U	4.8	U	4.800	U	P
Silver	1.2	U	1.2	U	1.2	U	1.2	U	1.200	U	P
Sodium	361.0	U	361.0	U	361.0	U	361.0	U	361.000	U	P
Thallium	4.8	U	4.8	U	4.8	U	4.8	U	4.800	U	P
Vanadium	1.5	U	1.5	U	1.5	U	1.5	U	1.500	U	P
Zinc	5.8	U	5.8	U	5.8	U	5.8	U	5.800	U	P
Molybdenu											NR

BLANKS

Lab Name: TESTAMERICA_____ _____

Lab Code: 12028_ Lab Job No.: _X765 _____ Batch No.: 24944_

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead											NR
Magnesium											NR
Manganese											NR
Mercury			0.1	U	0.1	U	0.1	U			CV
Nickel											NR
Potassium											NR
Selenium											NR
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Molybdenu											NR

BLANKS

Lab Name: TESTAMERICA_____ _____

Lab Code: 12028_ Lab Job No.: _X765 _____ Batch No.: 24944_

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead											NR
Magnesium											NR
Manganese											NR
Mercury			0.1	U							CV
Nickel											NR
Potassium											NR
Selenium											NR
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Molybdenu											NR

BLANKS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	77.4	U	77.4	U	77.4	U	77.4	U	77.400	U	P
Antimony	4.9	U	4.9	U	4.9	U	4.9	U	4.900	U	P
Arsenic	4.7	B	4.5	U	4.5	U	4.5	U	4.500	U	P
Barium	1.3	U	1.3	U	1.3	U	1.3	U	1.300	U	P
Beryllium	-0.5	B	-0.4	B	-0.5	B	-0.5	B	-0.206	B	P
Cadmium	0.5	U	0.5	U	0.5	U	0.5	U	0.500	U	P
Calcium	74.5	U	74.5	U	74.5	U	74.5	U	74.500	U	P
Chromium	2.8	U	2.8	U	2.8	U	2.8	U	2.800	U	P
Cobalt	3.5	U	3.5	U	3.5	U	3.5	U	3.500	U	P
Copper	3.1	U	3.1	U	3.1	U	3.1	U	3.100	U	P
Iron	39.7	U	39.7	U	39.7	U	39.7	U	39.700	U	P
Lead	2.2	U	2.2	U	2.2	U	2.2	U	2.200	U	P
Magnesium	70.0	U	70.0	U	70.0	U	70.0	U	70.000	U	P
Manganese	2.9	U	2.9	U	2.9	U	2.9	U	2.900	U	P
Mercury	0.1	U	0.1	U	0.1	U			0.120	U	CV
Nickel	3.9	U	3.9	U	3.9	U	3.9	U	3.900	U	P
Potassium	129.8	U	129.8	U	129.8	U	129.8	U	129.800	U	P
Selenium	4.8	U	4.8	U	4.8	U	4.8	U	4.800	U	P
Silver	1.2	U	1.2	U	1.2	U	1.2	U	1.200	U	P
Sodium	361.0	U	361.0	U	361.0	U	361.0	U	361.000	U	P
Thallium	4.8	U	4.8	U	4.8	U	4.8	U	4.800	U	P
Vanadium	1.5	U	1.5	U	1.5	U	1.5	U	1.500	U	P
Zinc	5.8	U	5.8	U	5.8	U	5.8	U	5.800	U	P
Molybdenu											NR

BLANKS

Lab Name: TESTAMERICA_____ _____

Lab Code: 12028_ Lab Job No.: _X765 _____ Batch No.: 24953_

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			77.4	U							P
Antimony			4.9	U							P
Arsenic			4.5	U							P
Barium			1.3	U							P
Beryllium			-0.5	B							P
Cadmium			0.5	U							P
Calcium			74.5	U							P
Chromium			2.8	U							P
Cobalt			3.5	U							P
Copper			3.1	U							P
Iron			39.7	U							P
Lead			2.2	U							P
Magnesium			70.0	U							P
Manganese			2.9	U							P
Mercury											NR
Nickel			3.9	U							P
Potassium			129.8	U							P
Selenium			4.8	U							P
Silver			1.2	U							P
Sodium			361.0	U							P
Thallium			4.8	U							P
Vanadium			1.5	U							P
Zinc			5.8	U							P
Molybdenu											NR

BLANKS

Lab Name: TESTAMERICA_____ _____

Lab Code: 12028_ Lab Job No.: _X765 _____ Batch No.: 24953_

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron	39.7	U	39.7	U	39.7	U	39.7	U			P
Lead											NR
Magnesium											NR
Manganese	2.9	U	2.9	U	2.9	U	2.9	U			P
Mercury											NR
Nickel											NR
Potassium											NR
Selenium											NR
Silver											NR
Sodium	361.0	U	361.0	U	361.0	U	361.0	U			P
Thallium											NR
Vanadium											NR
Zinc											NR
Molybdenu											NR

Calibration Summary

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	125000.0	123886.5	99.1	125000.0	125426.1	100.3	124473.0	99.6	P
Antimony	1000.0	989.86	99.0	1000.0	1001.28	100.1	997.63	99.8	P
Arsenic	5000.0	4930.76	98.6	5000.0	5016.76	100.3	4954.67	99.1	P
Barium	10000.0	9946.48	99.5	10000.0	10076.98	100.8	9992.28	99.9	P
Beryllium	1000.0	985.91	98.6	1000.0	1007.22	100.7	992.06	99.2	P
Cadmium	2500.0	2464.26	98.6	2500.0	2518.11	100.7	2480.83	99.2	P
Calcium	125000.0	124144.1	99.3	125000.0	126654.8	101.3	124859.3	99.9	P
Chromium	5000.0	4931.09	98.6	5000.0	5040.65	100.8	4958.09	99.2	P
Cobalt	2500.0	2479.02	99.2	2500.0	2527.16	101.1	2488.78	99.6	P
Copper	12500.0	12397.17	99.2	12500.0	12539.08	100.3	12413.66	99.3	P
Iron	100000.0	98883.47	98.9	100000.0	100833.2	100.8	99216.09	99.2	P
Lead	10000.0	9879.62	98.8	10000.0	10081.07	100.8	9959.31	99.6	P
Magnesium	125000.0	124316.8	99.5	125000.0	125946.9	100.8	124882.5	99.9	P
Manganese	5000.0	4953.82	99.1	5000.0	5059.82	101.2	4980.92	99.6	P
Mercury	5.0	4.86	97.2	5.0	4.88	97.6	4.86	97.2	CV
Nickel	2500.0	2474.34	99.0	2500.0	2527.72	101.1	2488.15	99.5	P
Potassium	50000.0	51866.78	103.7	50000.0	51914.78	103.8	51727.16	103.5	P
Selenium	5000.0	4906.09	98.1	5000.0	4990.10	99.8	4936.63	98.7	P
Silver	1250.0	1245.45	99.6	1250.0	1258.93	100.7	1247.11	99.8	P
Sodium	125000.0	129316.8	103.5	125000.0	130033.7	104.0	129809.1	103.8	P
Thallium	5000.0	4954.19	99.1	5000.0	5030.39	100.6	4956.56	99.1	P
Vanadium	2500.0	2489.49	99.6	2500.0	2550.79	102.0	2505.23	100.2	P
Zinc	2500.0	2469.87	98.8	2500.0	2524.40	101.0	2479.24	99.2	P
Molybdenu									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				125000.0	124142.0	99.3			P
Antimony				1000.0	993.23	99.3			P
Arsenic				5000.0	4943.25	98.9			P
Barium				10000.0	9952.53	99.5			P
Beryllium				1000.0	992.02	99.2			P
Cadmium				2500.0	2483.47	99.3			P
Calcium				125000.0	125170.9	100.1			P
Chromium				5000.0	4958.47	99.2			P
Cobalt				2500.0	2492.52	99.7			P
Copper				12500.0	12364.22	98.9			P
Iron				100000.0	99300.80	99.3			P
Lead				10000.0	9959.46	99.6			P
Magnesium				125000.0	124541.4	99.6			P
Manganese				5000.0	4989.43	99.8			P
Mercury				5.0	4.91	98.2	4.87	97.4	CV
Nickel				2500.0	2494.21	99.8			P
Potassium				50000.0	51497.07	103.0			P
Selenium				5000.0	4907.52	98.2			P
Silver				1250.0	1245.05	99.6			P
Sodium				125000.0	129495.1	103.6			P
Thallium				5000.0	4958.03	99.2			P
Vanadium				2500.0	2503.35	100.1			P
Zinc				2500.0	2488.51	99.5			P
Molybdenu									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				5.0	4.87	97.4	4.87	97.4	CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				5.0	4.87	97.4			CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	125000.0	128139.2	102.5	125000.0	126906.0	101.5	127811.0	102.2	P
Antimony	1000.0	1023.27	102.3	1000.0	1024.65	102.5	1023.95	102.4	P
Arsenic	5000.0	5108.46	102.2	5000.0	5093.84	101.9	5131.97	102.6	P
Barium	10000.0	10219.08	102.2	10000.0	10155.14	101.6	10231.62	102.3	P
Beryllium	1000.0	1022.12	102.2	1000.0	1017.47	101.7	1025.14	102.5	P
Cadmium	2500.0	2550.84	102.0	2500.0	2538.39	101.5	2552.38	102.1	P
Calcium	125000.0	128251.8	102.6	125000.0	127419.0	101.9	128374.2	102.7	P
Chromium	5000.0	5115.19	102.3	5000.0	5077.70	101.6	5114.86	102.3	P
Cobalt	2500.0	2552.71	102.1	2500.0	2523.69	100.9	2546.28	101.9	P
Copper	12500.0	12778.34	102.2	12500.0	12641.67	101.1	12728.31	101.8	P
Iron	100000.0	102249.7	102.2	100000.0	101569.4	101.6	102276.5	102.3	P
Lead	10000.0	10206.88	102.1	10000.0	10165.93	101.7	10239.52	102.4	P
Magnesium	125000.0	128142.7	102.5	125000.0	126759.6	101.4	127706.8	102.2	P
Manganese	5000.0	5102.97	102.1	5000.0	5050.64	101.0	5093.84	101.9	P
Mercury	5.0	5.02	100.4	5.0	5.05	101.0	5.03	100.6	CV
Nickel	2500.0	2551.97	102.1	2500.0	2536.68	101.5	2558.53	102.3	P
Potassium	50000.0	51328.81	102.7	50000.0	50919.91	101.8	51217.87	102.4	P
Selenium	5000.0	5118.98	102.4	5000.0	5129.44	102.6	5140.67	102.8	P
Silver	1250.0	1279.81	102.4	1250.0	1267.75	101.4	1277.07	102.2	P
Sodium	125000.0	129258.6	103.4	125000.0	128356.3	102.7	128674.9	102.9	P
Thallium	5000.0	5123.85	102.5	5000.0	5089.51	101.8	5118.12	102.4	P
Vanadium	2500.0	2566.44	102.7	2500.0	2550.68	102.0	2562.06	102.5	P
Zinc	2500.0	2548.70	101.9	2500.0	2521.75	100.9	2544.59	101.8	P
Molybdenu									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				125000.0	127729.4	102.2	129088.0	103.3	P
Antimony				1000.0	1020.97	102.1	1020.46	102.0	P
Arsenic				5000.0	5119.66	102.4	5111.83	102.2	P
Barium				10000.0	10215.12	102.2	10270.65	102.7	P
Beryllium				1000.0	1026.01	102.6	1030.47	103.0	P
Cadmium				2500.0	2562.48	102.5	2569.64	102.8	P
Calcium				125000.0	128724.7	103.0	129259.1	103.4	P
Chromium				5000.0	5125.74	102.5	5156.21	103.1	P
Cobalt				2500.0	2556.34	102.3	2573.66	102.9	P
Copper				12500.0	12720.83	101.8	12839.95	102.7	P
Iron				100000.0	102253.3	102.3	102847.8	102.8	P
Lead				10000.0	10248.53	102.5	10294.21	102.9	P
Magnesium				125000.0	127741.3	102.2	128817.2	103.1	P
Manganese				5000.0	5115.36	102.3	5151.62	103.0	P
Mercury									NR
Nickel				2500.0	2560.77	102.4	2572.58	102.9	P
Potassium				50000.0	51109.30	102.2	51435.37	102.9	P
Selenium				5000.0	5140.40	102.8	5135.42	102.7	P
Silver				1250.0	1275.28	102.0	1284.22	102.7	P
Sodium				125000.0	128331.3	102.7	129438.6	103.6	P
Thallium				5000.0	5115.11	102.3	5131.04	102.6	P
Vanadium				2500.0	2563.56	102.5	2575.35	103.0	P
Zinc				2500.0	2557.98	102.3	2577.71	103.1	P
Molybdenu									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron	100000.0	100622.6	100.6	100000.0	98208.84	98.2	98246.91	98.2	P
Lead									NR
Magnesium									NR
Manganese	5000.0	5024.25	100.5	5000.0	4910.45	98.2	4909.41	98.2	P
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium	125000.0	129730.8	103.8	125000.0	130801.7	104.6	130950.5	104.8	P
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron				100000.0	98301.70	98.3			P
Lead									NR
Magnesium									NR
Manganese				5000.0	4926.18	98.5			P
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium				125000.0	132147.0	105.7			P
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

ICP Interference Check Results Summary

ICP INTERFERENCE CHECK SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

ICP ID Number: TRACE2 TJA61 ICS Source: INORG VENT

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	478135	464768.5	93.0	482865	472541.4	94.5
Antimony		100		95.6	95.6		90.5	90.5
Arsenic		100		96.8	96.8		96.7	96.7
Barium		100		105.0	105.0		106.8	106.8
Beryllium		100		97.9	97.9		99.1	99.1
Cadmium		100		99.0	99.0		100.9	100.9
Calcium	500000	500000	466648	455496.8	91.1	472510	461905.0	92.4
Chromium		100		98.3	98.3		99.5	99.5
Cobalt		100		93.9	93.9		95.6	95.6
Copper		100		103.8	103.8		106.0	106.0
Iron	200000	200000	197260	191976.8	96.0	198724	193996.5	97.0
Lead		100		91.0	91.0		90.5	90.5
Magnesium	500000	500000	527532	511442.1	102.3	533025	519332.0	103.9
Manganese		100		98.3	98.3		99.7	99.7
Mercury								
Nickel		100		94.0	94.0		94.7	94.7
Potassium		10000		11485.9	114.9		11594.0	115.9
Selenium		100		94.7	94.7		97.3	97.3
Silver		100		100.7	100.7		102.6	102.6
Sodium		10000		10617.4	106.2		10863.1	108.6
Thallium		100		86.5	86.5		94.5	94.5
Vanadium		100		93.6	93.6		95.2	95.2
Zinc		100		96.8	96.8		97.1	97.1

ICP INTERFERENCE CHECK SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

ICP ID Number: TRACE2 TJA61 ICS Source: INORG VENT

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	494695	482725.0	96.5	500898	481027.8	96.2
Antimony		100		99.8	99.8		101.4	101.4
Arsenic		100		96.1	96.1		103.0	103.0
Barium		100		107.1	107.1		106.5	106.5
Beryllium		100		98.7	98.7		99.0	99.0
Cadmium		100		96.0	96.0		95.7	95.7
Calcium	500000	500000	477439	462854.1	92.6	481183	464098.1	92.8
Chromium		100		99.5	99.5		99.2	99.2
Cobalt		100		95.3	95.3		95.3	95.3
Copper		100		107.5	107.5		106.4	106.4
Iron	200000	200000	201970	195908.0	98.0	203341	195590.6	97.8
Lead		100		105.1	105.1		105.8	105.8
Magnesium	500000	500000	538157	522703.8	104.5	543878	520393.2	104.1
Manganese		100		99.7	99.7		99.5	99.5
Mercury								
Nickel		100		94.6	94.6		94.4	94.4
Potassium		10000		11628.1	116.3		11668.9	116.7
Selenium		100		97.0	97.0		95.3	95.3
Silver		100		102.5	102.5		103.2	103.2
Sodium		10000		10718.8	107.2		10890.1	108.9
Thallium		100		90.0	90.0		90.2	90.2
Vanadium		100		98.0	98.0		97.9	97.9
Zinc		100		99.5	99.5		106.7	106.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

ICP ID Number: TRACE2 TJA61 ICS Source: INORG VENT

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	454388	474826.1	95.0	476720	476026.8	95.2
Antimony		100		100.4	100.4		100.3	100.3
Arsenic		100		96.0	96.0		98.6	98.6
Barium		100		107.0	107.0		107.4	107.4
Beryllium		100		98.6	98.6		98.8	98.8
Cadmium		100		99.1	99.1		98.4	98.4
Calcium	500000	500000	438670	458844.2	91.8	457984	460218.2	92.0
Chromium		100		99.5	99.5		99.6	99.6
Cobalt		100		95.1	95.1		96.3	96.3
Copper		100		107.6	107.6		107.9	107.9
Iron	200000	200000	184594	193497.8	96.7	193383	194257.4	97.1
Lead		100		94.4	94.4		96.6	96.6
Magnesium	500000	500000	494681	518479.5	103.7	519831	518970.2	103.8
Manganese		100		99.6	99.6		100.0	100.0
Mercury								
Nickel		100		94.2	94.2		94.7	94.7
Potassium		10000		12792.1	127.9		12887.9	128.9
Selenium		100		97.0	97.0		96.8	96.8
Silver		100		104.7	104.7		104.4	104.4
Sodium		10000		11181.8	111.8		11270.0	112.7
Thallium		100		92.4	92.4		90.1	90.1
Vanadium		100		98.1	98.1		97.8	97.8
Zinc		100		102.1	102.1		102.0	102.0

Spike Sample Recovery Summary

SPIKE SAMPLE RECOVERY

LAB SAMPLE NO.

940028MS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury	75-125	1.0400		0.1200	U	1.00	104.0		CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Comments:

LAB SAMPLE NO.

SPIKE SAMPLE RECOVERY

940032MS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2206.7600		103.5800	B	2000.00	105.2		P
Antimony	75-125	501.1200		4.9000	U	500.00	100.2		P
Arsenic	75-125	2047.4280		16.5050		2000.00	101.5		P
Barium	75-125	2639.4030		586.3590		2000.00	102.7		P
Beryllium	75-125	51.5560		0.1200	U	50.00	103.1		P
Cadmium	75-125	52.8240		0.6970	B	50.00	104.3		P
Calcium	75-125	66806.4300		46952.3670		20000.00	99.3		P
Chromium	75-125	206.4130		2.8000	U	200.00	103.2		P
Cobalt	75-125	518.4870		3.7780	B	500.00	102.9		P
Copper	75-125	259.5890		3.8010	B	250.00	102.3		P
Iron		73396.3280		73504.0940		1000.00	-10.8		P
Lead	75-125	529.1320		12.5290		500.00	103.3		P
Magnesium	75-125	59068.2660		38630.8280		20000.00	102.2		P
Manganese	75-125	1670.6860		1166.2740		500.00	100.9		P
Mercury									NR
Nickel	75-125	513.3530		3.9000	U	500.00	102.7		P
Potassium	75-125	28806.8830		6010.4370		20000.00	114.0		P
Selenium	75-125	2058.2450		4.8000	U	2000.00	102.9		P
Silver	75-125	51.3600		1.2000	U	50.00	102.7		P
Sodium		236375.9060		217266.5620		20000.00	95.5		P
Thallium	75-125	2081.9140		4.8000	U	2000.00	104.1		P
Vanadium	75-125	527.4750		1.5000	U	500.00	105.5		P
Zinc	75-125	504.1500		6.0650	B	500.00	99.6		P
Molybdenu									NR

Comments:

SPIKE SAMPLE RECOVERY

LAB SAMPLE NO.

939544MS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2191.3250		77.4000	U	2000.00	109.6		P
Antimony	75-125	514.6660		4.9000	U	500.00	102.9		P
Arsenic	75-125	2093.9030		7.4210		2000.00	104.3		P
Barium	75-125	2166.0840		92.2690	B	2000.00	103.7		P
Beryllium	75-125	51.4790		0.1200	U	50.00	103.0		P
Cadmium	75-125	52.5560		0.5000	U	50.00	105.1		P
Calcium		132349.8430		114487.9450		20000.00	89.3		P
Chromium	75-125	206.4560		2.8000	U	200.00	103.2		P
Cobalt	75-125	520.6660		3.5000	U	500.00	104.1		P
Copper	75-125	258.2460		3.1000	U	250.00	103.3		P
Iron		18566.0250		17908.1310		1000.00	65.8		P
Lead	75-125	523.7070		2.5830	B	500.00	104.2		P
Magnesium	75-125	36991.8160		16617.9840		20000.00	101.9		P
Manganese		2895.1610		2431.7200		500.00	92.7		P
Mercury									NR
Nickel	75-125	515.9030		3.9000	U	500.00	103.2		P
Potassium	75-125	34801.4220		14269.4770		20000.00	102.7		P
Selenium	75-125	2111.8960		4.8000	U	2000.00	105.6		P
Silver	75-125	51.4900		1.2000	U	50.00	103.0		P
Sodium		106952.1870		87618.2660		20000.00	96.7		P
Thallium	75-125	2114.3930		4.8000	U	2000.00	105.7		P
Vanadium	75-125	523.6020		1.5000	U	500.00	104.7		P
Zinc	75-125	544.4620		41.1900		500.00	100.7		P
Molybdenu									NR

Comments:

SPIKE SAMPLE RECOVERY

LAB SAMPLE NO.

940364MS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2533.3660		341.8920		2000.00	109.6		P
Antimony	75-125	523.5430		4.9000	U	500.00	104.7		P
Arsenic	75-125	2121.7990		10.9590		2000.00	105.5		P
Barium	75-125	2738.2330		657.7200		2000.00	104.0		P
Beryllium	75-125	52.7180		0.1200	U	50.00	105.4		P
Cadmium	75-125	53.0390		0.5000	U	50.00	106.1		P
Calcium	75-125	95515.0470		74050.5390		20000.00	107.3		P
Chromium	75-125	208.0210		2.8000	U	200.00	104.0		P
Cobalt	75-125	519.9500		3.5000	U	500.00	104.0		P
Copper	75-125	259.0620		3.1000	U	250.00	103.6		P
Iron		24172.0390		22990.0470		1000.00	118.2		P
Lead	75-125	531.4240		2.2640	B	500.00	105.8		P
Magnesium	75-125	47427.5780		26185.1330		20000.00	106.2		P
Manganese	75-125	1467.0730		939.3090		500.00	105.6		P
Mercury	75-125	0.9540		0.1200	U	1.00	95.4		CV
Nickel	75-125	519.1300		3.9000	U	500.00	103.8		P
Potassium	75-125	40262.8050		19034.9940		20000.00	106.1		P
Selenium	75-125	2166.3560		4.8000	U	2000.00	108.3		P
Silver	75-125	52.1400		1.2000	U	50.00	104.3		P
Sodium		224167.0310		202987.4370		20000.00	105.9		P
Thallium	75-125	2153.3710		4.8000	U	2000.00	107.7		P
Vanadium	75-125	534.5890		1.5000	U	500.00	106.9		P
Zinc	75-125	512.9370		5.8000	U	500.00	102.6		P
Molybdenu									NR

Comments:

Sample and MS Duplicate Results Summary

DUPLICATES

LAB SAMPLE NO.

940028D

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic								NR
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron								NR
Lead								NR
Magnesium								NR
Manganese								NR
Mercury		0.1200	U	0.1200	U			CV
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Molybdenu								NR

DUPLICATES

LAB SAMPLE NO.

940032D

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		103.5800	B	96.1130	B	7.5		P
Antimony		4.9000	U	4.9000	U			P
Arsenic	5.0	16.5050		13.6760		18.7		P
Barium	200.0	586.3590		573.5180		2.2		P
Beryllium		0.1200	U	0.1200	U			P
Cadmium		0.6970	B	0.5000	U	200.0		P
Calcium		46952.3670		45777.1020		2.5		P
Chromium		2.8000	U	2.8000	U			P
Cobalt		3.7780	B	3.5000	U	200.0		P
Copper		3.8010	B	3.1000	U	200.0		P
Iron		73504.0940		71758.2270		2.4		P
Lead	5.0	12.5290		12.5270		0.0		P
Magnesium		38630.8280		37733.9610		2.3		P
Manganese		1166.2740		1138.7150		2.4		P
Mercury								NR
Nickel		3.9000	U	3.9000	U			P
Potassium	5000.0	6010.4370		5875.6940		2.3		P
Selenium		4.8000	U	4.8000	U			P
Silver		1.2000	U	1.2000	U			P
Sodium		217266.5620		213322.6560		1.8		P
Thallium		4.8000	U	4.8000	U			P
Vanadium		1.5000	U	1.5000	U			P
Zinc		6.0650	B	5.8000	U	200.0		P
Molybdenu								NR

DUPLICATES

LAB SAMPLE NO.

939544D

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		77.4000	U	77.4000	U			P
Antimony		4.9000	U	4.9000	U			P
Arsenic	5.0	7.4210		8.9660		18.9		P
Barium		92.2690	B	89.5920	B	2.9		P
Beryllium		0.1200	U	0.1200	U			P
Cadmium		0.5000	U	0.5000	U			P
Calcium		114487.9450		110742.4680		3.3		P
Chromium		2.8000	U	2.8000	U			P
Cobalt		3.5000	U	3.5000	U			P
Copper		3.1000	U	3.1000	U			P
Iron		17908.1310		17360.9800		3.1		P
Lead		2.5830	B	3.3700	B	26.4		P
Magnesium	5000.0	16617.9840		16117.4770		3.1		P
Manganese		2431.7200		2353.1980		3.3		P
Mercury								NR
Nickel		3.9000	U	3.9000	U			P
Potassium	5000.0	14269.4770		13893.8920		2.7		P
Selenium		4.8000	U	4.8000	U			P
Silver		1.2000	U	1.2000	U			P
Sodium		87618.2660		85418.7340		2.5		P
Thallium		4.8000	U	4.8000	U			P
Vanadium		1.5000	U	1.5000	U			P
Zinc	30.0	41.1900		38.5650		6.6		P
Molybdenu								NR

DUPLICATES

LAB SAMPLE NO.

940364D

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	200.0	341.8920		326.2090		4.7		P
Antimony		4.9000	U	4.9000	U			P
Arsenic	5.0	10.9590		9.0550		19.0		P
Barium	200.0	657.7200		671.7630		2.1		P
Beryllium		0.1200	U	0.1200	U			P
Cadmium		0.5000	U	0.5000	U			P
Calcium		74050.5390		75692.2810		2.2		P
Chromium		2.8000	U	2.8000	U			P
Cobalt		3.5000	U	3.5000	U			P
Copper		3.1000	U	3.1000	U			P
Iron		22990.0470		23505.9960		2.2		P
Lead		2.2640	B	4.2040	B	60.0		P
Magnesium		26185.1330		26738.8650		2.1		P
Manganese		939.3090		959.8650		2.2		P
Mercury		0.1200	U	0.1200	U			CV
Nickel		3.9000	U	3.9000	U			P
Potassium	5000.0	19034.9940		19434.7030		2.1		P
Selenium		4.8000	U	4.8000	U			P
Silver		1.2000	U	1.2000	U			P
Sodium		202987.4370		206611.1090		1.8		P
Thallium		4.8000	U	4.8000	U			P
Vanadium		1.5000	U	1.5000	U			P
Zinc		5.8000	U	5.8000	U			P
Molybdenu								NR

Laboratory Control Samples Results Summary

LABORATORY CONTROL SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Solid LCS Source:

Aqueous LCS Source: INORG VENT

	Aqueous (ug/L)			Solid (mg/kg)					
Analyte	True	Found	%R	True	Found	C	Limits		%R
Aluminum	2000.0	2026.87	101.3						
Antimony	500.0	495.00	99.0						
Arsenic	2000.0	2006.08	100.3						
Barium	2000.0	2032.41	101.6						
Beryllium	50.0	51.20	102.4						
Cadmium	50.0	51.95	103.9						
Calcium	20000.0	20634.35	103.2						
Chromium	200.0	205.88	102.9						
Cobalt	500.0	510.74	102.1						
Copper	250.0	251.65	100.7						
Iron	1000.0	1044.61	104.5						
Lead	500.0	512.48	102.5						
Magnesium	20000.0	19694.92	98.5						
Manganese	500.0	520.12	104.0						
Mercury	1.0	1.01	101.0						
Nickel	500.0	510.40	102.1						
Potassium	20000.0	21719.61	108.6						
Selenium	2000.0	2024.64	101.2						
Silver	50.0	49.81	99.6						
Sodium	20000.0	21075.94	105.4						
Thallium	2000.0	2068.48	103.4						
Vanadium	500.0	524.23	104.8						
Zinc	500.0	503.37	100.7						
Molybdenu									

LABORATORY CONTROL SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Solid LCS Source:

Aqueous LCS Source: INORG VENT

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	2000.0	2111.69	105.6						
Antimony	500.0	507.42	101.5						
Arsenic	2000.0	2078.03	103.9						
Barium	2000.0	2069.43	103.5						
Beryllium	50.0	52.35	104.7						
Cadmium	50.0	54.00	108.0						
Calcium	20000.0	21351.87	106.8						
Chromium	200.0	210.46	105.2						
Cobalt	500.0	525.43	105.1						
Copper	250.0	255.87	102.3						
Iron	1000.0	1069.47	106.9						
Lead	500.0	525.54	105.1						
Magnesium	20000.0	20436.96	102.2						
Manganese	500.0	533.75	106.8						
Mercury	1.0	0.98	97.5						
Nickel	500.0	526.52	105.3						
Potassium	20000.0	21428.27	107.1						
Selenium	2000.0	2098.89	104.9						
Silver	50.0	51.71	103.4						
Sodium	20000.0	21070.26	105.4						
Thallium	2000.0	2147.74	107.4						
Vanadium	500.0	534.69	106.9						
Zinc	500.0	519.20	103.8						
Molybdenu									

Serial Dilution Summary

LAB SAMPLE NO.

940032L

ICP SERIAL DILUTION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24944

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	103.58	B	387.00	U	100.0		P
Antimony	4.90	U	24.50	U			P
Arsenic	16.50		22.50	U	100.0		P
Barium	586.36		579.14	B	1.2		P
Beryllium	0.12	U	0.60	U			P
Cadmium	0.70	B	2.50	U	100.0		P
Calcium	46952.37		47081.92		0.3		P
Chromium	2.80	U	14.00	U			P
Cobalt	3.78	B	17.50	U	100.0		P
Copper	3.80	B	15.50	U	100.0		P
Iron	73504.09		73954.30		0.6		P
Lead	12.53		14.68	B	17.2		P
Magnesium	38630.83		37933.51		1.8		P
Manganese	1166.27		1166.72		0.0		P
Mercury							NR
Nickel	3.90	U	19.50	U			P
Potassium	6010.44		4394.52	B	26.9		P
Selenium	4.80	U	24.00	U			P
Silver	1.20	U	6.00	U			P
Sodium	217266.56		226225.04		4.1		P
Thallium	4.80	U	24.00	U			P
Vanadium	1.50	U	7.50	U			P
Zinc	6.06	B	29.00	U	100.0		P

LAB SAMPLE NO.

939544L

ICP SERIAL DILUTION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	77.40	U	387.00	U			P
Antimony	4.90	U	24.50	U			P
Arsenic	7.42		22.50	U	100.0		P
Barium	92.27	B	88.62	B	4.0		P
Beryllium	0.12	U	0.60	U			P
Cadmium	0.50	U	2.50	U			P
Calcium	114487.94		114802.87		0.3		P
Chromium	2.80	U	14.00	U			P
Cobalt	3.50	U	17.50	U			P
Copper	3.10	U	15.50	U			P
Iron	17908.13		17774.18		0.7		P
Lead	2.58	B	11.00	U	100.0		P
Magnesium	16617.98		16120.97	B	3.0		P
Manganese	2431.72		2418.48		0.5		P
Mercury							NR
Nickel	3.90	U	19.50	U			P
Potassium	14269.48		14102.74	B	1.2		P
Selenium	4.80	U	24.00	U			P
Silver	1.20	U	6.00	U			P
Sodium	87618.27		86692.83		1.1		P
Thallium	4.80	U	24.00	U			P
Vanadium	1.50	U	7.50	U			P
Zinc	41.19		55.82	B	35.5		P

LAB SAMPLE NO.

940364L

ICP SERIAL DILUTION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: X765 Batch No.: 24953

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	341.89		387.00	U	100.0		P
Antimony	4.90	U	24.50	U			P
Arsenic	10.96		22.50	U	100.0		P
Barium	657.72		645.33	B	1.9		P
Beryllium	0.12	U	0.60	U			P
Cadmium	0.50	U	2.50	U			P
Calcium	74050.54		73849.02		0.3		P
Chromium	2.80	U	14.00	U			P
Cobalt	3.50	U	17.50	U			P
Copper	3.10	U	15.50	U			P
Iron	22990.05		22808.05		0.8		P
Lead	2.26	B	11.00	U	100.0		P
Magnesium	26185.13		25417.38		2.9		P
Manganese	939.31		933.60		0.6		P
Mercury							NR
Nickel	3.90	U	19.50	U			P
Potassium	19034.99		18387.24	B	3.4		P
Selenium	4.80	U	24.00	U			P
Silver	1.20	U	6.00	U			P
Sodium	202987.44		204747.85		0.9		P
Thallium	4.80	U	24.00	U			P
Vanadium	1.50	U	7.50	U			P
Zinc	5.80	U	29.00	U			P

Analysis Run Log

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:24944_

Instrument ID Number: LEEMAN5_____ Method: CV

Start Date: 08/06/08 End Date: 08/06/08

EPA Sample No.	D/F	Time	% R	Analytes																								
				ALL	SBS	ABA	BEA	CDA	CAR	CAR	CAR	CAR	CAR	FEB	PBG	MGN	MGN	HGI	NIE	KSE	SAG	AAL	NAL	TL	V	ZN	MO
STD01	1.00	1109																X										
STD02	1.00	1111																X										
STD03	1.00	1114																X										
STD04	1.00	1116																X										
STD05	1.00	1117																X										
STD06	1.00	1119																X										
ICV/ACCV	1.00	1124																X										
ICB/CCB	1.00	1126																X										
ZZZZZZ	1.00	1128																										
ZZZZZZ	1.00	1131																										
ZZZZZZ	1.00	1133																										
ZZZZZZ	1.00	1135																										
ZZZZZZ	1.00	1136																										
ZZZZZZ	1.00	1139																										
ZZZZZZ	1.00	1141																										
ZZZZZZ	1.00	1142																										
CCV	1.00	1144																X										
CCB	1.00	1146																X										
ZZZZZZ	1.00	1149																										
ZZZZZZ	1.00	1151																										
ZZZZZZ	1.00	1153																										
ZZZZZZ	1.00	1155																										
ZZZZZZ	1.00	1157																										
ZZZZZZ	1.00	1159																										
ZZZZZZ	1.00	1200																										
CCV	1.00	1203																X										
CCB	1.00	1204																X										
BW080608	1.00	1207																X										
LCSW	1.00	1209																X										
940028	1.00	1211																X										
940028D	1.00	1213																X										
940028MS	1.00	1216																X										

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:24944_

Instrument ID Number: LEEMAN5_____ Method: CV

Start Date: 08/06/08 End Date: 08/06/08

EPA Sample No.	D/F	Time	% R	Analytes																								
				ALL	SBS	ABA	BEB	CDC	CAR	CRO	CUE	FBG	PMN	MHG	NI	K	SE	AGA	NAL	T	V	ZN	MO
940029	1.00	1217												X									
CCV	1.00	1220												X									
CCB	1.00	1222												X									
940030	1.00	1223												X									
940031	1.00	1225												X									
940032	1.00	1228												X									
940033	1.00	1230												X									
938488	1.00	1232												X									
CCV	1.00	1234												X									
CCB	1.00	1236												X									
ZZZZZZ	1.00	1238																					
ZZZZZZ	1.00	1240																					
ZZZZZZ	1.00	1242																					
ZZZZZZ	1.00	1244																					
ZZZZZZ	1.00	1246																					
ZZZZZZ	1.00	1249																					
CCV	1.00	1252												X									
CCB	1.00	1254												X									
ZZZZZZ	1.00	1256																					
ZZZZZZ	5.00	1305																					
ZZZZZZ	5.00	1308																					
ZZZZZZ	5.00	1309																					
ZZZZZZ	1.00	1311																					
CCV	1.00	1314												X									
CCB	1.00	1316												X									
ZZZZZZ	10.00	1318																					
CCV	1.00	1320												X									
CCB	1.00	1322												X									

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:24944_

Instrument ID Number: TRACE2 TJA61_ Method: P_

Start Date: 08/13/08 End Date: 08/13/08

EPA Sample No.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	M O
2CAL-BLK	1.00	0323		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
T2CAL1__	1.00	0329		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T2CAL2__	1.00	0335		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T2CAL3__	1.00	0341		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
ZZZZZZ__	1.00	0347		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ICV/CCV_	1.00	0353		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICB/CCB_	1.00	0359		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSA____	1.00	0405		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSAB___	1.00	0410		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ__	1.00	0416		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ__	1.00	0422		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ__	1.00	0428		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
BW080608	1.00	0434		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
LCSW____	1.00	0440		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940032D_	1.00	0446		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940032__	1.00	0452		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940032L_	1.00	0458		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCV_____	1.00	0504		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB_____	1.00	0510		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940032MS	1.00	0516		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ__	1.00	0522		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
940028__	1.00	0528		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940029__	1.00	0534		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940030__	1.00	0540		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940031__	1.00	0546		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940033__	1.00	0552		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
938488__	1.00	0558		_	X	X	_	X	X	_	X	_	X	X	X	_	X	_	X	_	X	X	_	X	_	X	_
938727__	1.00	0604		_	_	_	_	_	_	X	_	_	_	_	_	X	_	_	_	X	_	_	X	_	_	_	_
938728__	1.00	0609		_	_	_	_	_	_	X	_	_	_	_	_	X	_	_	_	X	_	_	X	_	_	_	_
CCV_____	1.00	0615		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB_____	1.00	0621		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
938729__	1.00	0627		_	_	_	_	_	_	X	_	_	_	_	_	X	_	_	_	X	_	_	X	_	_	_	_
_____	_____	____	_____	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:24944_

Instrument ID Number: TRACE2 TJA61_ Method: P_

Start Date: 08/13/08 End Date: 08/13/08

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	MO
938730	1.00	0633								X						X				X			X				
938731	1.00	0639								X						X				X			X				
ICSA	1.00	0645		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	0651		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	0657		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	0703		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:24953_

Instrument ID Number: LEEMAN5_____ Method: CV

Start Date: 08/08/08 End Date: 08/08/08

EPA Sample No.	D/F	Time	% R	Analytes																								
				ALB	SBS	ASA	BAE	BED	CDA	CAR	CRO	COU	CUE	FEB	PBG	MGN	MNG	HGI	NI	K	SE	AG	NA	TL	V	ZN	MO
STD01	1.00	0858															X										
STD02	1.00	0900															X										
STD03	1.00	0902															X										
STD04	1.00	0904															X										
STD05	1.00	0906															X										
STD06	1.00	0908															X										
ICV/ACCV	1.00	0914															X										
ICB/CCB_	1.00	0915															X										
BW080808	1.00	0917															X										
LCSW	1.00	0919															X										
940364	1.00	0921															X										
940364D_	1.00	0923															X										
940364MS	1.00	0925															X										
940360	1.00	0927															X										
940361	1.00	0929															X										
940362	1.00	0932															X										
CCV	1.00	0933															X										
CCB	1.00	0936															X										
940363	1.00	0938															X										
940365	1.00	0940															X										
940366	1.00	0942															X										
940367	1.00	0945															X										
940368	1.00	0947															X										
940369	1.00	0949															X										
940390	1.00	0951															X										
CCV	1.00	0953															X										
CCB	1.00	0955															X										

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:24953_

Instrument ID Number: TRACE2 TJA61_ Method: P_

Start Date: 08/10/08 End Date: 08/11/08

EPA Sample No.	D/F	Time	% R	Analytes																								
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	M O
2CAL-BLK	1.00	2331		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
T2CAL1__	1.00	2337		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T2CAL2__	1.00	2343		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T2CAL3__	1.00	2349		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
ZZZZZZ__	1.00	2355		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ICV/CCV_	1.00	0001		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICB/CCB_	1.00	0007		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSA____	1.00	0013		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSAB___	1.00	0018		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ__	1.00	0024		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ__	1.00	0030		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ__	1.00	0036		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
BW080808	1.00	0042		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
LCSW____	1.00	0048		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940364D_	1.00	0054		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940364__	1.00	0100		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940364L_	1.00	0106		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCV_____	1.00	0112		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB_____	1.00	0118		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940364MS	1.00	0124		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ__	1.00	0130		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
940360__	1.00	0136		X	X	X	X	X	X	X	X	X	_	X	X	_	_	X	X	X	X	X	X	X	X	_	
940361__	1.00	0142		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940362__	1.00	0148		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940363__	1.00	0153		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940365__	1.00	0159		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940366__	1.00	0205		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940367__	1.00	0211		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940368__	1.00	0217		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	_	X	X	X	_
CCV_____	1.00	0223		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB_____	1.00	0229		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
940369__	1.00	0235		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:24953_

Instrument ID Number: TRACE2 TJA61_ Method: P_

Start Date: 08/10/08 End Date: 08/11/08

EPA Sample No.	D/F	Time	% R	Analytes																								
				ALL	BS	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	MO
940390	1.00	0241				X			X		X		X		X				X		X					X	
940815	1.00	0247												X		X	X										
939544D	1.00	0253		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
939544	1.00	0259													X												
939544L	1.00	0305		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
939544MS	1.00	0311		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0317																									
939545	1.00	0323													X												
939546	1.00	0329													X												
CCV	1.00	0335		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	0340		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
939547	1.00	0346													X												
ICSA	1.00	0352		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	0358		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	0404		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	0410		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:24953_

Instrument ID Number: TRACE2 TJA61_ Method: P_

Start Date: 08/11/08 End Date: 08/11/08

EPA Sample No.	D/F	Time	% R	Analytes																						
				ALL	SBS	ABA	BEA	CDA	CAR	CRO	CUE	FBG	PMN	MGI	HGE	NKS	AGA	NAL	TV	ZN	MO					
2CAL-BLK	1.00	1758		X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
T2CAL1	1.00	1804		X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T2CAL2	1.00	1810		X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T2CAL3	1.00	1816		X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	1822																								
ICV/CCV	1.00	1828										X			X							X				
ICB/CCB	1.00	1833										X			X							X				
ICSA	1.00	1839										X			X							X				
ICSAB	1.00	1845										X			X							X				
ZZZZZZ	1.00	1909																								
ZZZZZZ	1.00	1915																								
ZZZZZZ	1.00	1921																								
ZZZZZZ	10.00	1927																								
ZZZZZZ	2.00	1933																								
ZZZZZZ	2.00	1939																								
940360	2.00	1945										X			X											
940368	2.00	1950																				X				
CCV	1.00	1956										X			X							X				
CCB	1.00	2002										X			X							X				
ZZZZZZ	5.00	2008																								
ZZZZZZ	1.00	2014																								
ZZZZZZ	1.00	2020																								
ZZZZZZ	5.00	2026																								
ZZZZZZ	5.00	2032																								
ZZZZZZ	5.00	2038																								
ZZZZZZ	5.00	2044																								
ZZZZZZ	5.00	2050																								
ZZZZZZ	5.00	2055																								
ZZZZZZ	5.00	2101																								
CCV	1.00	2107										X			X							X				
CCB	1.00	2113										X			X							X				
ZZZZZZ	5.00	2119																								

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:24953_

Instrument ID Number: TRACE2 TJA61_ Method: P_

Start Date: 08/11/08 End Date: 08/11/08

EPA Sample No.	D/F	Time	% R	Analytes																								
				ALL	SBL	SAS	BAA	BEA	CDA	CAA	CRA	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	MO
ZZZZZZ	5.00	2125																										
ZZZZZZ	5.00	2131																										
ZZZZZZ	5.00	2137																										
ZZZZZZ	5.00	2143																										
ZZZZZZ	5.00	2149																										
ZZZZZZ	5.00	2155																										
ICSA	1.00	2200											X			X						X					
ICSAB	1.00	2206											X			X						X					
CCV	1.00	2212											X			X						X					
CCB	1.00	2218											X			X						X					

Raw Data

BATCH#:24944V1: METHOD:6010B

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	HSA	24966V1	SW846	08/13/08	03:47		S	CONC
2	ICV/CCV1	24966V1	SW846	08/13/08	03:53		S	CONC
3	ICB/CCB1	24966V1	SW846	08/13/08	03:59		S	CONC
4	ICSA1	24966V1	SW846	08/13/08	04:05		S	CONC
5	ICSAB1	24966V1	SW846	08/13/08	04:10		S	CONC
6	INT-20	24966V1	SW846	08/13/08	04:16		S	CONC
7	MCL	24966V1	SW846	08/13/08	04:22		S	CONC
8	MCL-2	24966V1	SW846	08/13/08	04:28		S	CONC
9	PBW080608	24966V1	SW846	08/13/08	04:34		S	CONC
10	LCSW	24966V1	SW846	08/13/08	04:40		S	CONC
11	940032D	24966V1	SW846	08/13/08	04:46		S	CONC
12	940032	24966V1	SW846	08/13/08	04:52		S	CONC
13	940032L	24966V1	SW846	08/13/08	04:58		S	CONC
14	CCV2	24966V1	SW846	08/13/08	05:04		S	CONC
15	CCB2	24966V1	SW846	08/13/08	05:10		S	CONC
16	940032MS	24966V1	SW846	08/13/08	05:16		S	CONC
17	940032A	24966V1	SW846	08/13/08	05:22		S	CONC
18	940028	24966V1	SW846	08/13/08	05:28		S	CONC
19	940029	24966V1	SW846	08/13/08	05:34		S	CONC
20	940030	24966V1	SW846	08/13/08	05:40		S	CONC
21	940031	24966V1	SW846	08/13/08	05:46		S	CONC
22	940033	24966V1	SW846	08/13/08	05:52		S	CONC
23	938488	24966V1	SW846	08/13/08	05:58		S	CONC
24	938727	24966V1	SW846	08/13/08	06:04		S	CONC
25	938728	24966V1	SW846	08/13/08	06:09		S	CONC
26	CCV3	24966V1	SW846	08/13/08	06:15		S	CONC
27	CCB3	24966V1	SW846	08/13/08	06:21		S	CONC
28	938729	24966V1	SW846	08/13/08	06:27		S	CONC
29	938730	24966V1	SW846	08/13/08	06:33		S	CONC
30	938731	24966V1	SW846	08/13/08	06:39		S	CONC
31	ICSA2	24966V1	SW846	08/13/08	06:45		S	CONC
32	ICSAB2	24966V1	SW846	08/13/08	06:51		S	CONC
33	CCV4	24966V1	SW846	08/13/08	06:57		S	CONC
34	CCB4	24966V1	SW846	08/13/08	07:03		S	CONC

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	HSA	250400.	2024.	9963.	19400.	1945.	4866.
2	ICV/CCV1	123900.	989.9	4931.	9946.	985.9	2464.
3	ICB/CCB1	-7.545	.8444	-.1182	-.4377	.0090	-.1427
4	ICSA1	478100.	-6.957	-1.106	.4191	-.0705	3.846
5	ICSAB1	464800.	95.61	96.80	105.0	97.86	99.03
6	INT-20	-30.86	39.19	-1.867	19680.	-11.88	-1.014
7	MCL	196.2	7.739	10.24	10.29	10.65	10.73
8	MCL-2	117.6	4.426	6.458	4.916	5.294	5.286
9	PBW080608	-.5643	-2.052	-.8476	-.5836	-.0336	.0771
10	LCSW	2027.	495.0	2006.	2032.	51.20	51.95
11	940032D	96.11	-2.682	13.68	573.5	.0066	.4976
12	940032	103.6	-3.940	16.50	586.4	-.0358	.6974
13	940032L	16.30	-2.735	1.947	115.8	-.0039	-.0513
14	CCV2	125400.	1001.	5017.	10080.	1007.	2518.
15	CCB2	-6.806	.3990	1.064	-.3785	.0451	-.3767
16	940032MS	2207.	501.1	2047.	2639.	51.56	52.82
17	940032A	2174.	500.7	2040.	2618.	51.19	52.30
18	940028	349.2	-2.669	.2470	293.7	.0559	-.1892

19	940029	386.6	-2.104	.0309	409.7	.0033	.5909
20	940030	1002.	-1.060	.1234	283.9	.1319	-.1085
21	940031	1554.	-4.246	26.48	183.4	.0607	.0666
22	940033	2518.	-3.737	8.740	144.7	.0472	.2653
23	938488	2.259	-4.040	.0478	-.4107	.0546	-.0934
24	938727	76.67	-2.944	-1.577	21.62	.2392	-.1322
25	938728	50.39	-1.289	.0810	94.33	.2087	-.1976
26	CCV3	124500.	997.6	4955.	9992.	992.1	2481.
27	CCB3	-4.649	-.7043	-.8327	-.4364	.0136	-.2239
28	938729	1258.	-2.491	1.305	95.50	.0733	3.609
29	938730	2.478	-1.896	-2.563	50.17	.0540	-.2104
30	938731	9.292	-2.577	-1.618	51.20	.0169	-.1273
31	ICSA2	482900.	-3.548	-.6710	.6130	-.0458	3.496
32	ICSAB2	472500.	90.46	96.75	106.8	99.07	100.9
33	CCV4	124100.	993.2	4943.	9953.	992.0	2483.
34	CCB4	-7.500	-1.569	1.488	-.5543	.0317	-.1399

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	HSA	242500.	9793.	4929.	25250.	196700.	258400.
2	ICV/CCV1	124100.	4931.	2479.	12400.	98880.	124300.
3	ICB/CCB1	-7.671	.0284	-.2016	.4340	-6.116	6.082
4	ICSA1	466600.	1.568	-1.341	1.549	197300.	527500.
5	ICSAB1	455500.	98.28	93.94	103.8	192000.	511400.
6	INT-20	38.26	20640.	20630.	-.8152	-6.948	30.52
7	MCL	2188.	11.40	10.59	10.22	155.0	1982.
8	MCL-2	1153.	6.601	4.793	6.495	82.86	1016.
9	PBW080608	-.3487	.6449	-.2512	.8115	-4.717	6.685
10	LCSW	20630.	205.9	510.7	251.7	1045.	19690.
11	940032D	45780.	.5315	3.143	3.060	71760.	37730.
12	940032	46950.	.9374	3.778	3.801	73500.	38630.
13	940032L	9416.	.5108	.8620	-.6157	14790.	7587.
14	CCV2	126700.	5041.	2527.	12540.	100800.	125900.
15	CCB2	-7.577	-.0168	.0182	.6640	-7.261	3.146

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
16	940032MS	66810.	206.4	518.5	259.6	73400.	59070.
17	940032A	66260.	205.3	513.2	257.0	72730.	58490.
18	940028	15660.	2.830	2.427	-1.082	2037.	12630.
19	940029	53490.	.8087	18.98	3.290	67850.	35350.
20	940030	52080.	3.380	1.357	2.210	3945.	25990.
21	940031	34960.	2.555	1.715	5.727	45050.	22190.
22	940033	31170.	4.937	.1058	5.523	55830.	32790.
23	938488	162.1	.4851	-.1961	2.813	12.88	7.383
24	938727	7248.	3.889	3.181	.1086	896.7	1416.
25	938728	29710.	5.780	11.41	1.614	2332.	4718.
26	CCV3	124900.	4958.	2489.	12410.	99220.	124900.
27	CCB3	-7.919	-.1819	-.0220	.4695	.1674	4.702
28	938729	2436.	5.832	6.671	.5690	8207.	9850.
29	938730	29130.	1.477	1.919	2.355	750.5	3970.
30	938731	29610.	1.510	2.305	1.324	778.5	4046.
31	ICSA2	472500.	2.281	-1.271	1.806	198700.	533000.
32	ICSAB2	461900.	99.54	95.58	106.0	194000.	519300.
33	CCV4	125200.	4958.	2493.	12360.	99300.	124500.
34	CCB4	-7.482	-.3040	-.1690	.5619	-5.663	3.532

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960

1	HSA	9733.	4895.	102000.	2566.	19710.	10000.
2	ICV/CCV1	4954.	2474.	51870.	1245.	9880.	4906.
3	ICB/CCB1	-.1735	.2315	-413.1	.4856	-.3913	2.326
4	ICSA1	.1856	-1.437	-422.0	-.3644	L-6.345	3.988
5	ICSAB1	98.33	94.02	11490.	100.7	91.03	94.67
6	INT-20	19340.	2.566	-356.6	-.1625	4.904	-3.232
7	MCL	10.68	10.52	5482.	10.05	10.74	11.79
8	MCL-2	5.595	7.885	2713.	5.158	6.077	8.201
9	PBW080608	-.1708	.1766	-403.2	.2455	.2793	2.040
10	LCSW	520.1	510.4	21720.	49.81	512.5	2025.
11	940032D	1139.	.4837	5876.	.4688	12.53	3.353
12	940032	1166.	.9760	6010.	.5265	12.53	3.326
13	940032L	233.3	-.1834	878.9	.3513	2.937	.4033
14	CCV2	5060.	2528.	51910.	1259.	10080.	4990.
15	CCB2	-.0955	-.1332	-415.0	.2317	.8537	1.579
16	940032MS	1671.	513.4	28810.	51.36	529.1	2058.
17	940032A	1654.	508.9	28530.	51.06	523.7	2047.
18	940028	339.8	3.059	2653.	.5268	.8449	2.644
19	940029	1901.	-.2256	3218.	-.0013	13.73	4.013
20	940030	682.4	3.278	8583.	.5163	1.759	3.672
21	940031	532.2	2.158	4902.	-.0280	8.061	3.904
22	940033	406.0	4.159	2570.	.4524	17.88	3.573
23	938488	.0157	-.0097	-440.6	.5639	.4476	2.674
24	938727	58.75	32.47	802.2	.1337	.8377	-.2772
25	938728	210.3	25.63	4588.	.2428	.1474	4.398
26	CCV3	4981.	2488.	51730.	1247.	9959.	4937.
27	CCB3	-.1720	-.0495	-395.4	.2830	.1230	4.596
28	938729	123.5	39.85	4170.	.1052	1.934	2.394
29	938730	249.7	7.972	4914.	-.1517	.2699	1.382
30	938731	254.3	7.915	5001.	-.2929	-.0434	.8684
31	ICSA2	.3351	-1.536	-372.9	.0054	L-6.100	-2.381

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
32	ICSAB2	99.74	94.75	11590.	102.6	90.54	97.27
33	CCV4	4989.	2494.	51500.	1245.	9959.	4908.
34	CCB4	-.1339	-.2517	-402.6	.5676	-.9587	1.674

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	HSA	256800.	9922.	4980.	4847.	2045.	4918.
2	ICV/CCV1	129300.	4954.	2489.	2470.	1001.	2461.
3	ICB/CCB1	183.0	1.901	.0668	.2382	.8451	-.0123
4	ICSA1	-6.270	.6500	-3.933	.3092	-.4323	-2.175
5	ICSAB1	10620.	86.46	93.62	96.78	96.91	93.03
6	INT-20	521.9	-11.65	20260.	5592.	9789.	9756.
7	MCL	5484.	9.640	10.69	15.64	54.35	114.2
8	MCL-2	2875.	3.141	5.574	17.12	25.91	55.95
9	PBW080608	92.63	-.7850	.0640	1.849	-1.139	-.4450
10	LCSW	21080.	2068.	524.2	503.4	488.9	507.7
11	940032D	213300.	.6100	-1.494	5.768	38.12	-1.335
12	940032	217300.	.3447	-1.135	6.065	39.00	-1.316
13	940032L	45250.	1.788	-.2699	1.666	8.059	-1.168
14	CCV2	130000.	5030.	2551.	2524.	1020.	2507.
15	CCB2	111.9	-.7834	-.0830	-.1025	.4951	.2256
16	940032MS	236400.	2082.	527.5	504.2	539.1	510.8
17	940032A	233800.	2071.	522.2	501.9	535.4	505.5
18	940028	80150.	.4505	.4760	7.884	112.0	-.4644
19	940029	78480.	.6434	-1.115	-.1821	377.1	-.8099
20	940030	116800.	.1097	1.699	8.220	48.98	-.5067

21	940031	68100.	-1.553	2.088	4.448	619.7	-1.469
22	940033	40560.	-.7193	6.094	11.88	103.7	1.261
23	938488	138.2	-.9658	.0619	17.82	42.83	-.4324
24	938727	46300.	1.378	-.2327	103.8	7.732	-.6028
25	938728	103400.	-.6860	-.2101	20.17	36.33	-.7944
26	CCV3	129800.	4957.	2505.	2479.	1003.	2473.
27	CCB3	140.7	1.990	.0116	.3566	-.3673	-.2914
28	938729	25740.	2.489	.8299	193.9	42.93	.7467
29	938730	18050.	-1.945	.1626	10.73	42.62	-.7632
30	938731	18170.	-.5542	.2591	10.94	42.88	-.5974
31	ICSA2	127.7	-3.479	-3.690	3.190	-2.011	-3.425
32	ICSAB2	10860.	94.53	95.15	97.06	97.09	96.36
33	CCV4	129500.	4958.	2503.	2489.	1005.	2472.
34	CCB4	144.5	-1.280	-.0582	-.1905	.0818	-.4032

#	Sample Name	Sn1899	Ti3349	*Y			
1	HSA	1987.	19530.	973.012			
2	ICV/CCV1	985.6	9898.	1008.5			
3	ICB/CCB1	.8961	-.2130	1024.61			
4	ICSA1	2.619	-12.38	954.911			
5	ICSAB1	91.56	88.92	955.915			
6	INT-20	27.38	19620.	1013.09			
7	MCL	103.6	113.8	1012.66			
8	MCL-2	51.32	56.24	1017.35			
9	PBW080608	.0494	-.5045	1011.98			

#	Sample Name	Sn1899	Ti3349	*Y			
10	LCSW	496.6	515.4	1027.48			
11	940032D	3.553	.5587	1015.73			
12	940032	2.620	.8001	1003.25			
13	940032L	.3161	-.2278	1018.36			
14	CCV2	1013.	10070.	993.082			
15	CCB2	1.651	-.3668	1020.92			
16	940032MS	504.0	521.4	1001.1			
17	940032A	499.5	517.6	995.378			
18	940028	.2990	6.202	1031.35			
19	940029	2.412	4.605	1013.85			
20	940030	2.452	21.29	1013.58			
21	940031	2.308	26.11	1018.85			
22	940033	3.198	61.62	1017.72			
23	938488	1.636	-.4253	1034.08			
24	938727	.4424	-.4359	1025.74			
25	938728	.6506	-.6957	1023.91			
26	CCV3	984.9	9929.	997.92			
27	CCB3	-1.735	-.2376	1016.16			
28	938729	1.313	-.4473	1018.36			
29	938730	1.324	-.6576	1025.33			
30	938731	1.997	-.6431	1017.78			
31	ICSA2	1.679	-12.31	950.257			
32	ICSAB2	94.44	89.73	939.905			
33	CCV4	992.4	9903.	1002.7			
34	CCB4	.6330	-.3018	1019.71			

Method: SW846 Standard: T2CAL-BLK
Run Time: 08/13/08 03:23:27

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Avge	.5980	-.0172	-.0720	.0012	-.0956	.0136	.1962
SDev	.0040	.0383	.0404	.0003	.0001	.0136	.0019
%RSD	.6687	222.4	56.11	28.20	.0858	100.2	.9802
#1	.6008	.0099	-.0434	.0010	-.0957	.0039	.1948
#2	.5952	-.0443	-.1005	.0015	-.0956	.0232	.1976

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0044	-.0032	.0187	-.0069	-.0158	.0020	-.0251
SDev	.0007	.0010	.0014	.0126	.0028	.0000	.0070
%RSD	15.80	32.72	7.358	181.8	17.76	.0858	27.81
#1	.0049	-.0039	.0178	-.0158	-.0178	.0020	-.0301
#2	.0039	-.0025	.0197	.0020	-.0138	.0020	-.0202

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	10.49	-.0932	.0542	-.0996	.0048	.0202	.0587
SDev	.01	.0022	.0140	.0083	.0016	.0000	.0008
%RSD	.1069	2.331	25.80	8.316	32.72	.0858	1.274
#1	10.49	-.0947	.0641	-.0937	.0037	.0202	.0592
#2	10.50	-.0916	.0443	-.1054	.0059	.0202	.0581

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.1555	.0349	-.0118	.1469	-.0133	-.2603	.0887
SDev	.0179	.0080	.0014	.1310	.0077	.0820	.0473
%RSD	11.52	22.81	11.87	89.17	57.69	31.52	53.35
#1	.1682	.0292	-.0128	.0543	-.0187	-.2022	.0552
#2	.1429	.0405	-.0108	.2394	-.0079	-.3183	.1222

Method: SW846 Standard: T2CAL1
Run Time: 08/13/08 03:29:24

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	54.97	3.979	29.85	17.07	9.010	55.79	61.54
SDev	.16	.016	.09	.03	.019	.16	.18
%RSD	.2864	.4062	.3118	.1580	.2082	.2812	.2894
#1	54.86	3.990	29.79	17.05	8.996	55.68	61.41
#2	55.08	3.967	29.92	17.09	9.023	55.90	61.67

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	16.46	3.357	11.26	18.79	28.99	12.92	12.73
SDev	.06	.017	.04	.05	.11	.05	.07
%RSD	.3418	.4937	.3344	.2467	.3911	.3582	.5685
#1	16.42	3.345	11.23	18.76	28.91	12.89	12.67
#2	16.50	3.369	11.29	18.82	29.07	12.96	12.78

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.743	15.06	3.642	4.423	2.135	33.36	4.224
SDev	.002	.12	.013	.015	.017	.10	.016
%RSD	.0514	.7737	.3588	.3457	.8023	.2953	.3858
#1	3.741	14.98	3.633	4.412	2.147	33.29	4.235
#2	3.744	15.15	3.651	4.434	2.123	33.43	4.212

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	45.75	73.00	72.96	13.34	11.19
SDev	.12	.34	.11	.02	.03

%RSD	.2637	.4599	.1521	.1332	.2747
#1	45.67	72.76	72.89	13.33	11.17
#2	45.84	73.24	73.04	13.36	11.21

Method: SW846 Standard: T2CAL2
Run Time: 08/13/08 03:35:20

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	279.1	20.70	152.8	85.70	46.04	278.1	305.7
SDev	1.4	.06	.6	.01	.10	.4	.3
%RSD	.4927	.2746	.3802	.0064	.2267	.1299	.0938
#1	278.1	20.74	153.2	85.70	46.11	278.4	305.9
#2	280.0	20.66	152.4	85.71	45.96	277.9	305.5

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	82.97	16.99	58.54	94.01	153.7	64.80	63.95
SDev	.02	.01	.24	.10	.7	.06	.04
%RSD	.0191	.0445	.4161	.1106	.4435	.0957	.0687
#1	82.96	16.99	58.36	94.09	153.2	64.76	63.98
#2	82.98	16.98	58.71	93.94	154.1	64.85	63.92

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	19.95	76.93	18.61	21.75	10.67	168.7	21.34
SDev	.02	.15	.02	.04	.02	.2	.06
%RSD	.1034	.1909	.1031	.1871	.1849	.1031	.2892
#1	19.94	76.83	18.60	21.78	10.65	168.9	21.30
#2	19.97	77.04	18.62	21.72	10.68	168.6	21.39

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	230.0	368.4	368.8	69.65	56.85
SDev	.0	.6	.2	.08	.27
%RSD	.0069	.1762	.0569	.1100	.4748
#1	230.0	367.9	368.6	69.71	57.05
#2	229.9	368.8	368.9	69.60	56.66

Method: SW846 Standard: T2CAL3
Run Time: 08/13/08 03:41:16

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	533.9	40.05	293.3	159.2	85.47	520.5	569.0
SDev	.9	.18	.3	.0	.02	.4	.8
%RSD	.1606	.4400	.1092	.0290	.0272	.0841	.1400
#1	533.3	40.17	293.6	159.2	85.45	520.2	568.5
#2	534.5	39.92	293.1	159.3	85.49	520.8	569.6

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	155.4	32.13	112.8	177.9	303.8	120.9	120.3
SDev	.2	.04	.2	.1	.5	.3	.1
%RSD	.1356	.1388	.1665	.0607	.1766	.2630	.0733
#1	155.3	32.10	112.7	177.8	303.4	120.7	120.2
#2	155.6	32.16	112.9	178.0	304.2	121.2	120.4

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	633.0	39.56	150.9	146.3	35.53	40.54	21.09
SDev	.8	.04	.0	.0	.10	.05	.03

%RSD	.1189	.1056	.0216	.0050	.2916	.1113	.1237
#1	632.4	39.53	150.9	146.3	35.46	40.50	21.08
#2	633.5	39.59	150.9	146.3	35.60	40.57	21.11

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	318.4	41.06	429.5	697.8	701.8	135.2	110.5
SDev	1.0	.12	.7	1.6	.2	.3	.2
%RSD	.3025	.2993	.1527	.2316	.0337	.2215	.1868
#1	317.7	40.97	429.0	696.7	701.6	135.0	110.6
#2	319.0	41.14	430.0	699.0	701.9	135.4	110.3

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	459.271	-274.811	08/13/08 03:41:16
Sb2068	206.838	Multiple	Standards	50.7668	.894199	08/13/08 03:41:16
As1890	189.042	Multiple	Standards	33.4064	2.38929	08/13/08 03:41:16
Ba4934	493.409	Multiple	Standards	119.685	-.583613	08/13/08 03:41:16
Be3130	313.042	Multiple	Standards	22.2690	2.09554	08/13/08 03:41:16
Cd2265	226.502	Multiple	Standards	9.20810	-.241992	08/13/08 03:41:16
Ca3179	317.933	Multiple	Standards	418.277	-88.4950	08/13/08 03:41:16
Cr2677	267.716	Multiple	Standards	61.7318	-.440125	08/13/08 03:41:16
Co2286	228.616	Multiple	Standards	151.599	.425338	08/13/08 03:41:16
Cu3247	324.754	Multiple	Standards	219.129	-3.84337	08/13/08 03:41:16
Fe2714	271.441	Multiple	Standards	1086.04	3.90517	08/13/08 03:41:16
Mg3832	383.231	Multiple	Standards	832.111	20.2594	08/13/08 03:41:16
Mn2576	257.610	Multiple	Standards	79.0447	-.366423	08/13/08 03:41:16
Ni2316	231.604	Multiple	Standards	39.8767	.911843	08/13/08 03:41:16
K_7664	766.491	T2CAL3	T2CAL-BLK	.943502	-.261389	08/13/08 03:41:16
Ag3280	328.068	Multiple	Standards	63.5050	5.97003	08/13/08 03:41:16
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	.967028	-.007138	08/13/08 03:41:16
Tl1908	190.864	Multiple	Standards	66.3508	6.52891	08/13/08 03:41:16
V_2924	292.402	Multiple	Standards	137.668	-.673013	08/13/08 03:41:16
Zn2062	206.200	Multiple	Standards	108.769	-2.33948	08/13/08 03:41:16
B_2496	249.678	Multiple	Standards	95.2315	-5.56835	08/13/08 03:41:16
Mo2020	202.030	Multiple	Standards	15.1685	-2.41105	08/13/08 03:41:16
Sn1899	189.989	Multiple	Standards	45.1771	-1.57991	08/13/08 03:41:16
Ti3349	334.941	Multiple	Standards	44.5601	.135201	08/13/08 03:41:16
2203/1	220.351	Multiple	Standards	27.9535	-4.33945	08/13/08 03:41:16
2203/2	220.352	Multiple	Standards	27.5731	.160949	08/13/08 03:41:16
1960/1	196.021	Multiple	Standards	72.9136	19.0271	08/13/08 03:41:16
1960/2	196.022	Multiple	Standards	88.8985	-7.85495	08/13/08 03:41:16

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	-.167085	.167085
		T2CAL1	25000.0	24970.2	29.8047
		T2CAL2	125000.	127891.	-2891.38
		T2CAL3	250000.	244944.	5055.81

CorCoef: 0.99972

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	.019068	-.019068
		T2CAL1	200.000	202.890	-2.89017
		T2CAL2	1000.00	1051.65	-51.6528
		T2CAL3	2000.00	2034.02	-34.0229

CorCoef: 0.99983

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	-.014608	.014608
		T2CAL1	1000.00	999.702	.297729
		T2CAL2	5000.00	5106.99	-106.987
		T2CAL3	10000.0	9801.33	198.667

CorCoef: 0.99975

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.436121	.436121
		T2CAL1	2000.00	2042.75	-42.7524
		T2CAL2	10000.0	10256.7	-256.749
		T2CAL3	20000.0	19059.0	941.021

CorCoef: 0.99921

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.034270	.034270
		T2CAL1	200.000	202.731	-2.73112
		T2CAL2	1000.00	1027.27	-27.2738
		T2CAL3	2000.00	1905.44	94.5638

CorCoef: 0.99916

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.117209	.117209
		T2CAL1	500.000	513.479	-13.4790
		T2CAL2	2500.00	2560.72	-60.7163
		T2CAL3	5000.00	4792.51	207.487

CorCoef: 0.99936

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-6.42497	6.42497
		T2CAL1	25000.0	25652.1	-652.094
		T2CAL2	125000.	127781.	-2780.56
		T2CAL3	250000.	237918.	12082.1

CorCoef: 0.99925

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.166207	.166207
		T2CAL1	1000.00	1015.43	-15.4329
		T2CAL2	5000.00	5121.43	-121.428
		T2CAL3	10000.0	9593.74	406.262

CorCoef: 0.99937

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.060521	.060521
		T2CAL1	500.000	509.359	-9.35916
		T2CAL2	2500.00	2575.77	-75.7661
		T2CAL3	5000.00	4871.47	128.528

CorCoef: 0.99955

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	.261578	-.261578
		T2CAL1	2500.00	2463.75	36.2463
		T2CAL2	12500.0	12823.2	-323.192
		T2CAL3	25000.0	24716.1	283.924

CorCoef: 0.99979

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Fe2714	271.441	T2CAL-BLK	.000000	-3.59639	3.59639
		T2CAL1	20000.0	20410.2	-410.232
		T2CAL2	100000.	102106.	-2105.63
		T2CAL3	200000.	193237.	6763.05

CorCoef: 0.99956

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	7.13124	-7.13124
		T2CAL1	25000.0	24143.5	856.473
		T2CAL2	125000.	127885.	-2885.13
		T2CAL3	250000.	252794.	-2794.48

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.210549	.210549
		T2CAL1	1000.00	1021.27	-21.2700
		T2CAL2	5000.00	5121.85	-121.849
		T2CAL3	10000.0	9559.35	440.647

CorCoef: 0.99930

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.090878	.090878
		T2CAL1	500.000	508.381	-8.38065
		T2CAL2	2500.00	2551.01	-51.0127
		T2CAL3	5000.00	4798.42	201.582

CorCoef: 0.99945

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	9.64000	10.4943	-.854297
		T2CAL3	596.937	632.959	-36.0223

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.052873	-.052873
		T2CAL1	250.000	243.640	6.36011
		T2CAL2	1250.00	1273.19	-23.1893
		T2CAL3	2500.00	2518.03	-18.0322

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	T2CAL-BLK	.045309	.054235	-.008926
		T2CAL3	145.892	150.874	-4.98169

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK	.000000	-.078343	.078343
		T2CAL1	1000.00	1005.96	-5.95825
		T2CAL2	5000.00	5111.09	-111.093
		T2CAL3	10000.0	9710.73	289.269

CorCoef: 0.99962

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	-.012011	.012011
		T2CAL1	500.000	500.739	-.738892
		T2CAL2	2500.00	2561.33	-61.3325
		T2CAL3	5000.00	4890.66	109.338

CorCoef: 0.99968

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK	.000000	-.140983	.140983
		T2CAL1	500.000	478.737	21.2633
		T2CAL2	2500.00	2363.51	136.489
		T2CAL3	5000.00	4406.66	593.340

CorCoef: 0.99929

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T2CAL-BLK	.000000	.018525	-.018525
		T2CAL1	200.000	197.760	2.24033
		T2CAL2	1000.00	1010.11	-10.1125
		T2CAL3	2000.00	2003.33	-3.33301

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK	.000000	-.051637	.051637
		T2CAL1	500.000	503.628	-3.62830
		T2CAL2	2500.00	2557.26	-57.2605
		T2CAL3	5000.00	4826.61	173.394

CorCoef: 0.99951

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	-.005354	.005354
		T2CAL1	200.000	189.227	10.7732
		T2CAL2	1000.00	962.565	37.4353
		T2CAL3	2000.00	1853.20	146.797

CorCoef: 0.99979

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.392052	.392052
		T2CAL1	2000.00	2038.87	-38.8687
		T2CAL2	10000.0	10247.0	-246.968
		T2CAL3	20000.0	19138.9	861.143

CorCoef: 0.99932

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	-.234331	.234331
		T2CAL1	2000.00	2036.22	-36.2156
		T2CAL2	10000.0	10292.9	-292.856
		T2CAL3	20000.0	19502.7	497.330

CorCoef: 0.99958

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	-.206161	.206161
		T2CAL1	2000.00	2012.00	-11.9987
		T2CAL2	10000.0	10168.1	-168.141
		T2CAL3	20000.0	19350.1	649.902

CorCoef: 0.99964

			Known	Measured	Residual

24944V1

Element	Wavelength	Standard	Concentration	Concentration	Concentration
1960/1	196.021	T2CAL-BLK	.000000	.050318	-.050318
		T2CAL1	1000.00	991.919	8.08099
		T2CAL2	5000.00	5097.54	-97.5444
		T2CAL3	10000.0	9877.01	122.985

CorCoef: 0.99985

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	.031956	-.031956
		T2CAL1	1000.00	987.124	12.8758
		T2CAL2	5000.00	5046.43	-46.4282
		T2CAL3	10000.0	9811.98	188.018

CorCoef: 0.99988

Method: SW846 Sample Name: HSA Operator:
Run Time: 08/13/08 03:47:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	250400.	2024.	9963.	19400.	1945.	4866.	242500.
SDev	14.	12.	48.	50.	6.	11.	408.
%RSD	.0056	.5688	.4860	.2600	.3031	.2356	.1681
#1	250400.	2032.	9997.	19440.	1949.	4874.	242800.
#2	250400.	2016.	9929.	19370.	1941.	4858.	242200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9793.	4929.	25250.	196700.	258400.	9733.	4895.
SDev	11.	4.	2.	435.	9.	.	10.

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
%RSD	.1108	.0819	.0072	.2211	.0035	.0013	.2077
#1	9801.	4932.	25250.	197000.	258400.	9733.	4902.
#2	9786.	4926.	25250.	196400.	258400.	9733.	4888.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	102000.	2566.	19710.	10000.	256800.	9922.	4980.
SDev	144.	2.	1.	22.	521.	17.	.
%RSD	.1411	.0945	.0054	.2164	.2030	.1739	.0058
#1	102100.	2567.	19710.	10020.	257100.	9934.	4980.
#2	101900.	2564.	19710.	9986.	256400.	9909.	4980.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4847.	2045.	4918.	1987.	19530.	19720.	19710.
SDev	5.	1.	8.	5.	24.	1.	2.
%RSD	.1065	.0351	.1643	.2292	.1207	.0058	.0109
#1	4851.	2045.	4924.	1983.	19550.	19720.	19710.
#2	4843.	2044.	4913.	1990.	19520.	19720.	19710.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	10050.	9977.
SDev	14.	39.
%RSD	.1366	.3940

#1	10040.	10000.
#2	10060.	9949.

Method: SW846 Sample Name: ICV/CCV1 Operator:
Run Time: 08/13/08 03:53:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123900.	989.9	4931.	9946.	985.9	2464.	124100.
SDev	514.	4.5	10.	17.	.2	.	85.
%RSD	.4146	.4587	.2059	.1688	.0196	.0142	.0682
#1	123500.	993.1	4924.	9935.	985.8	2465.	124100.
#2	124200.	986.6	4938.	9958.	986.0	2464.	124200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4931.	2479.	12400.	98880.	124300.	4954.	2474.
SDev	9.	3.	52.	109.	484.	13.	3.
%RSD	.1800	.1142	.4203	.1102	.3897	.2582	.1302
#1	4925.	2477.	12360.	98810.	124000.	4945.	2472.
#2	4937.	2481.	12430.	98960.	124700.	4963.	2477.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51870.	1245.	9880.	4906.	129300.	4954.	2489.
SDev	198.	4.	24.	7.	409.	33.	9.
%RSD	.3809	.2872	.2400	.1367	.3160	.6583	.3641
#1	51730.	1243.	9863.	4901.	129000.	4931.	2483.
#2	52010.	1248.	9896.	4911.	129600.	4977.	2496.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2470.	1001.	2461.	985.6	9898.	9867.	9886.
SDev	.	.	6.	.4	20.	21.	25.
%RSD	.0156	.0299	.2268	.0447	.2025	.2169	.2515
#1	2470.	1001.	2457.	985.3	9884.	9852.	9868.
#2	2470.	1001.	2465.	985.9	9912.	9882.	9903.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4922.	4898.
SDev	12.	4.
%RSD	.2470	.0814
#1	4914.	4895.
#2	4931.	4901.

Method: SW846 Sample Name: ICB/CCB1 Operator:
Run Time: 08/13/08 03:59:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.545	.8444	-.1182	-.4377	.0090	-.1428	-7.671
SDev	1.721	.0736	.9995	.0404	.0276	.0384	1.836

24944V1

%RSD	22.81	8.720	845.4	9.240	306.0	26.91	23.93
#1	-6.328	.7923	.5885	-.4663	-.0105	-.1699	-8.969
#2	-8.762	.8964	-.8250	-.4091	.0285	-.1156	-6.373

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0284	-.2016	.4340	-6.116	6.082	-.1735	.2315
SDev	.5780	.4676	.0250	11.142	11.98	.0554	.3269
%RSD	2032.	231.9	5.772	182.2	196.9	31.94	141.2
#1	.4372	.1290	.4517	1.763	14.55	-.1343	.4626
#2	-.3803	-.5322	.4163	-13.99	-2.386	-.2127	.0004

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-413.1	.4856	-.3913	2.326	183.0	1.901	.0668
SDev	25.5	.2747	.6482	.309	80.4	.661	.1001
%RSD	6.181	56.56	165.7	13.29	43.95	34.76	149.9
#1	-395.1	.6799	-.8496	2.545	239.9	2.368	.1376
#2	-431.2	.2914	.0670	2.108	126.1	1.434	-.0040

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2382	.8451	-.0123	.8961	-.2130	.7885	-.9847
SDev	.7490	.0370	.2553	1.612	.0639	1.748	.0991
%RSD	314.4	4.383	2082.	179.9	30.00	221.7	10.06
#1	.7679	.8712	.1683	2.036	-.2582	-.4476	-1.055
#2	-.2914	.8189	-.1928	-.2440	-.1678	2.025	-.9146

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.813	2.073
SDev	3.629	1.349
%RSD	129.0	65.05
#1	5.379	1.120
#2	.2464	3.027

Method: SW846 Sample Name: ICSA1 Operator:
Run Time: 08/13/08 04:05:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478100.	-6.957	-1.106	.4191	-.0705	3.846	466600.
SDev	618.	1.820	2.603	.0003	.0089	.203	1295.
%RSD	.1292	26.16	235.4	.0654	12.58	5.284	.2774
#1	477700.	-5.670	.7347	.4189	-.0642	3.990	465700.
#2	478600.	-8.244	-2.946	.4193	-.0767	3.703	467600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.568	-1.341	1.549	197300.	527500.	.1856	-1.437
SDev	.782	.281	.485	488.	930.	.0749	.499
%RSD	49.91	20.98	31.33	.2475	.1764	40.35	34.72

24944V1

#1	1.014	-1.540	1.892	196900.	526900.	.2385	-1.789
#2	2.121	-1.142	1.206	197600.	528200.	.1326	-1.084

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

Analysis Report 08/13/08 04:10:54 AM page 238

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-422.0	-.3644	L-6.345	3.988	-6.270	.6500	-3.933
SDev	4.4	.1629	.435	1.802	54.648	1.651	.066
%RSD	1.036	44.69	6.854	45.19	871.6	254.0	1.677
#1	-425.1	-.4796	L-6.038	5.262	-44.91	1.817	-3.887
#2	-419.0	-.2493	L-6.653	2.714	32.37	-.5174	-3.980

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3092	-.4323	-2.175	2.619	-12.38	-9.454	-4.798
SDev	.6963	.2102	.878	2.093	.01	2.846	.769
%RSD	225.2	48.62	40.35	79.92	.1167	30.10	16.02
#1	-.1832	-.2837	-2.795	4.098	-12.40	-7.441	-5.341
#2	.8015	-.5809	-1.554	1.139	-12.37	-11.47	-4.254

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.8288	5.554
SDev	10.63	2.606
%RSD	1283.	46.92
#1	8.346	3.711
#2	-6.688	7.396

Method: SW846 Sample Name: ICSAB1 Operator:
Run Time: 08/13/08 04:10:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Analysis Report 08/13/08 04:16:50 AM page 240

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	464800.	95.61	96.80	105.0	97.86	99.03	455500.
SDev	933.	5.18	1.09	.0	.13	.06	194.
%RSD	.2007	5.422	1.124	.0422	.1347	.0600	.0425
#1	464100.	91.94	97.57	105.0	97.95	98.99	455400.
#2	465400.	99.27	96.03	105.0	97.77	99.08	455600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	98.28	93.94	103.8	192000.	511400.	98.33	94.02
SDev	.30	.39	.2	63.	1125.	.15	.40
%RSD	.3013	.4183	.1562	.0326	.2199	.1544	.4289
#1	98.49	93.66	103.9	191900.	510600.	98.23	94.30
#2	98.07	94.22	103.7	192000.	512200.	98.44	93.73

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11490.	100.7	91.03	94.67	10620.	86.46	93.62
SDev	27.	.2	.64	3.04	34.	2.08	.05
%RSD	.2359	.2100	.7009	3.209	.3160	2.406	.0556

#1	11470.	100.8	90.58	92.53	10640.	84.98	93.66
#2	11510.	100.5	91.48	96.82	10590.	87.93	93.59

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.78	96.91	93.03	91.56	88.92	86.47	93.30
SDev	.66	.28	.46	.57	.14	1.83	.04
%RSD	.6790	.2908	.4973	.6277	.1614	2.121	.0440

#1	97.24	97.11	92.70	91.97	88.81	85.18	93.27
#2	96.31	96.71	93.35	91.16	89.02	87.77	93.33

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	90.35	96.82
SDev	9.60	.24
%RSD	10.63	.2468

#1	83.56	96.99
#2	97.14	96.65

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 08/13/08 04:16:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-30.86	39.19	-1.867	19680.	-11.88	-1.014	38.26

SDev	11.68	2.86	.507	50.	.58	.099	.26
%RSD	37.86	7.305	27.18	.2522	4.922	9.729	.6824

#1	-22.60	37.17	-2.226	19710.	-11.47	-.9440	38.07
#2	-39.12	41.22	-1.508	19640.	-12.30	-1.083	38.44

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20640.	20630.	-.8152	-6.948	30.52	19340.	2.566
SDev	25.	26.	.0077	1.570	4.04	28.	.296
%RSD	.1227	.1249	.9461	22.59	13.23	.1447	11.55

#1	20620.	20610.	-.8097	-5.838	27.66	19320.	2.357
#2	20660.	20650.	-.8207	-8.058	33.38	19360.	2.776

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-356.6	-.1625	4.904	-3.232	521.9	-11.65	20260.
SDev	1.0	.0579	1.186	2.804	91.3	1.48	38.
%RSD	.2860	35.61	24.19	86.77	17.50	12.69	.1856

#1	-357.3	-.2034	5.742	-5.215	586.5	-10.61	20230.
#2	-355.9	-.1216	4.065	-1.249	457.4	-12.70	20280.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5592.	9789.	9756.	27.38	19620.	15.22	-.2488
SDev	14.	23.	2.	3.36	5.	.87	1.3461
%RSD	.2499	.2337	.0233	12.28	.0243	5.689	541.0

#1	5582.	9805.	9755.	29.75	19620.	15.83	.7030

#2	5601.	9772.	9758.	25.00	19620.	14.60	-1.201

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.837	-1.442
SDev	.257	4.076
%RSD	3.765	282.6
#1	-7.019	-4.324
#2	-6.655	1.440

Method: SW846 Sample Name: MCL Operator:
Run Time: 08/13/08 04:22:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	196.2	7.739	10.24	10.29	10.65	10.73	2188.
SDev	.2	.108	1.12	.00	.05	.30	5.
%RSD	.0795	1.398	10.94	.0000	.4372	2.782	.2270

#1	196.3	7.662	11.03	10.29	10.62	10.94	2184.
#2	196.1	7.815	9.445	10.29	10.69	10.52	2191.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.40	10.59	10.22	155.0	1982.	10.68	10.52
SDev	.24	.16	.00	4.5	11.	.00	.51
%RSD	2.079	1.503	.0000	2.926	.5570	.0022	4.893
#1	11.57	10.70	10.22	158.2	1974.	10.68	10.16
#2	11.24	10.48	10.22	151.7	1990.	10.68	10.89

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5482.	10.05	10.74	11.79	5484.	9.640	10.69
SDev	16.	.44	.09	1.23	53.	1.621	.17
%RSD	.2915	4.414	.8794	10.44	.9748	16.82	1.569
#1	5470.	9.732	10.81	12.66	5446.	10.79	10.80
#2	5493.	10.36	10.68	10.92	5522.	8.493	10.57

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.64	54.35	114.2	103.6	113.8	11.66	10.28
SDev	.54	2.33	.0	1.5	.2	.98	.35
%RSD	3.455	4.282	.0276	1.445	.1366	8.369	3.359
#1	16.02	55.99	114.2	104.7	113.7	12.35	10.04
#2	15.25	52.70	114.2	102.5	113.9	10.97	10.53

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	7.929	13.71
SDev	2.699	.50
%RSD	34.04	3.635
#1	9.837	14.06
#2	6.021	13.36

Method: SW846 Sample Name: MCL-2 Operator:
Run Time: 08/13/08 04:28:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	117.6	4.426	6.458	4.916	5.294	5.286	1153.
SDev	.4	2.252	.641	.053	.015	.008	2.
%RSD	.3075	50.89	9.933	1.085	.2752	.1466	.2049
#1	117.3	6.019	6.912	4.879	5.283	5.292	1151.

#2	117.8	2.833	6.005	4.954	5.304	5.281	1155.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.601	4.793	6.495	82.86	1016.	5.595	7.885
SDev	.101	.202	.022	3.96	10.	.122	.222
%RSD	1.529	4.217	.3402	4.780	1.006	2.189	2.822
#1	6.529	4.936	6.480	80.06	1009.	5.508	7.728
#2	6.672	4.650	6.511	85.66	1024.	5.682	8.042

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2713.	5.158	6.077	8.201	2875.	3.141	5.574
SDev	15.	.531	.640	.680	37.	6.587	.022
%RSD	.5654	10.30	10.53	8.294	1.272	209.7	.4009
#1	2702.	5.534	5.625	7.720	2901.	-1.516	5.590
#2	2724.	4.782	6.529	8.682	2849.	7.799	5.558

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.12	25.91	55.95	51.32	56.24	5.411	6.405
SDev	.01	.20	.22	1.29	.21	.972	.474
%RSD	.0399	.7617	.3987	2.510	.3781	17.96	7.399
#1	17.11	26.05	56.10	50.41	56.09	4.723	6.070
#2	17.12	25.77	55.79	52.23	56.39	6.098	6.740

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	9.475	7.555
SDev	2.716	.336
%RSD	28.67	4.453
#1	7.554	7.793
#2	11.40	7.317

Method: SW846 Sample Name: PBW080608 Operator:
Run Time: 08/13/08 04:34:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5643	-2.052	-.8476	-.5836	-.0336	.0771	-.3487
SDev	2.1410	2.220	.1974	.0000	.0146	.0319	.5402
%RSD	379.4	108.2	23.29	.0000	43.37	41.32	154.9

#1	-2.078	-3.622	-.7080	-.5836	-.0233	.0546	-.7307
#2	.9497	-.4814	-.9872	-.5836	-.0439	.0996	.0332

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6449	-.2512	.8115	-4.717	6.685	-.1708	.1766
SDev	.2564	.3281	.0706	6.197	.822	.0587	.4463
%RSD	39.75	130.6	8.696	131.4	12.30	34.39	252.6

#1	.4636	-.0192	.8614	-.3351	7.266	-.2123	-.1389
#2	.8261	-.4832	.7616	-9.099	6.103	-.1292	.4922

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-403.2	.2455	.2793	2.040	92.63	-.7850	.0640
SDev	38.3	.1869	.3722	2.992	5.70	.1694	.3098
%RSD	9.512	76.14	133.3	146.7	6.156	21.58	484.2

#1	-430.3	.1133	.5425	4.156	96.66	-.6652	.2830
#2	-376.0	.3776	.0161	-.0762	88.60	-.9048	-.1551

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.849	-1.139	-.4450	.0494	-.5045	.4086	.2103
SDev	.030	.745	1.1475	1.326	.1048	.4237	.3467
%RSD	1.648	65.41	257.9	2682.	20.77	103.7	164.8

#1	1.870	-1.666	-1.256	-.8883	-.4304	.7082	.4554
#2	1.827	-.6122	.3664	.9871	-.5786	.1090	-.0348

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.109	2.494
SDev	5.617	1.682
%RSD	506.6	67.46

#1	5.080	3.684
#2	-2.863	1.304

Method: SW846 Sample Name: LCSW Operator:
Run Time: 08/13/08 04:40:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H2027.	L495.0	H2006.	H2032.	L51.20	L51.95	H20630.
SDev	6.	1.9	4.	2.	.02	.14	19.
%RSD	.2978	.3850	.2040	.0911	.0304	.2781	.0940

#1	H2031.	L496.4	H2009.	H2034.	L51.19	L51.85	H20650.
#2	H2023.	L493.7	H2003.	H2031.	L51.21	L52.05	H20620.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L205.9	L510.7	L251.7	1045.	H19690.	L520.1	L510.4
SDev	.5	1.0	.8	4.	24.	.7	.1
%RSD	.2403	.1950	.3046	.3853	.1196	.1415	.0249

#1	L205.5	L510.0	L251.1	1042.	H19710.	L519.6	L510.3
#2	L206.2	L511.4	L252.2	1047.	H19680.	L520.6	L510.5

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	H21720.	L49.81	L512.5	H2025.	H21080.	H2068.	L524.2
SDev	66.	.16	1.4	13.	87.	3.	.1
%RSD	.3036	.3271	.2657	.6275	.4118	.1214	.0244
#1	H21770.	L49.92	L513.4	H2034.	H21140.	H2070.	L524.3
#2	H21670.	L49.69	L511.5	H2016.	H21010.	H2067.	L524.1

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	L503.4	L488.9	L507.7	L496.6	L515.4	514.5	511.5
SDev	.1	2.2	1.3	1.2	.3	1.3	2.7
%RSD	.0266	.4426	.2531	.2374	.0659	.2487	.5241
#1	L503.3	L490.4	L508.6	L497.4	L515.1	513.6	513.3
#2	L503.5	L487.4	L506.8	L495.8	L515.6	515.4	509.6

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2036.	2019.
SDev	9.	15.
%RSD	.4293	.7273
#1	2042.	2029.
#2	2030.	2008.

Method: SW846 Sample Name: 940032D Operator:
Run Time: 08/13/08 04:46:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.11	-2.682	13.68	573.5	.0066	.4976	45780.
SDev	.46	1.103	.66	.3	.0249	.1772	85.
%RSD	.4739	41.13	4.827	.0580	377.8	35.61	.1860
#1	95.79	-1.902	13.21	573.8	.0242	.3723	45720.
#2	96.44	-3.463	14.14	573.3	-.0110	.6229	45840.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5315	3.143	3.060	71760.	37730.	1139.	.4837

SDev	.3875	.054	.006	54.	37.	3.	.1385
%RSD	72.92	1.723	.1803	.0746	.0983	.2587	28.64
#1	.2574	3.105	3.056	71720.	37710.	1137.	.3858
#2	.8055	3.181	3.064	71800.	37760.	1141.	.5817

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5876.	.4688	12.53	3.353	213300.	.6100	-1.494
SDev	1.	.3492	.19	.279	238.	.4735	.096
%RSD	.0101	74.49	1.532	8.308	.1118	77.62	6.401
#1	5875.	.2219	12.66	3.550	213500.	.9448	-1.562
#2	5876.	.7158	12.39	3.156	213200.	.2752	-1.427

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.768	38.12	-1.335	3.553	.5587	-6.144	21.84
SDev	.097	.17	.744	1.048	.0001	2.237	1.40
%RSD	1.675	.4405	55.70	29.49	.0203	36.41	6.429
#1	5.699	38.00	-.8092	2.812	.5587	-7.726	22.84
#2	5.836	38.24	-1.861	4.294	.5588	-4.562	20.85

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.369	5.700
SDev	3.485	2.157
%RSD	254.6	37.85
#1	-3.833	7.226
#2	1.095	4.175

Method: SW846 Sample Name: 940032 Operator:
Run Time: 08/13/08 04:52:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	103.6	-3.940	16.51	586.4	-.0358	.6974	46950.
SDev	.6	.222	.61	1.1	.0317	.2850	154.
%RSD	.5836	5.644	3.716	.1813	88.57	40.86	.3273
#1	104.0	-3.783	16.94	585.6	-.0134	.4959	46840.
#2	103.2	-4.097	16.07	587.1	-.0583	.8989	47060.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9374	3.778	3.801	73500.	38630.	1166.	.9760
SDev	.0679	.375	.310	240.	102.	5.	.4773
%RSD	7.243	9.918	8.143	.3263	.2652	.4050	48.91
#1	.8894	4.043	3.582	73330.	38560.	1163.	.6385
#2	.9854	3.513	4.020	73670.	38700.	1170.	1.313

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6010.	.5265	12.53	3.326	217300.	.3447	-1.135
SDev	1.	.0442	.53	.854	173.	.4858	.362
%RSD	.0132	8.389	4.235	25.69	.0796	140.9	31.88
#1	6010.	.4952	12.15	2.722	217100.	.6882	-.8792
#2	6011.	.5577	12.90	3.930	217400.	.0012	-1.391

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.065	39.00	-1.316	2.620	.8001	-4.273	20.91
SDev	.160	.87	.263	1.339	.0924	1.511	.04
%RSD	2.633	2.221	19.97	51.12	11.55	35.37	.1953
#1	6.178	39.61	-1.130	1.673	.7348	-5.342	20.88
#2	5.952	38.39	-1.502	3.567	.8654	-3.204	20.94

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.824	4.065
SDev	2.011	.277
%RSD	110.3	6.806

#1	.4014	3.870
#2	3.246	4.261

Method: SW846 Sample Name: 940032L Operator:
Run Time: 08/13/08 04:58:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.30	-2.735	1.947	115.8	-.0039	-.0513	9416.
SDev	4.48	2.123	1.577	.1	.0329	.0163	26.
%RSD	27.48	77.64	80.99	.1030	842.5	31.73	.2793
#1	19.47	-1.233	.8319	115.7	.0194	-.0398	9398.
#2	13.14	-4.236	3.062	115.9	-.0272	-.0628	9435.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5108	.8620	-.6157	14790.	7587.	233.3	-.1834
SDev	.4297	.1582	.0033	20.	7.	.8	.1371
%RSD	84.13	18.35	.5372	.1382	.0958	.3380	74.76
#1	.2069	.9738	-.6180	14780.	7592.	232.8	-.2804
#2	.8147	.7502	-.6134	14810.	7582.	233.9	-.0865

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	878.9	.3513	2.937	.4033	45250.	1.788	-.2699
SDev	3.2	.0940	.358	.7724	208.	1.066	.2521
%RSD	.3604	26.75	12.20	191.5	.4595	59.64	93.41
#1	876.7	.4177	3.190	.9495	45390.	2.542	-.4481
#2	881.1	.2848	2.683	-.1429	45100.	1.034	-.0916

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.666	8.059	-1.168	.3161	-.2278	.9522	3.923
SDev	.056	.477	.393	2.189	.0617	1.598	1.335
%RSD	3.353	5.919	33.68	692.5	27.08	167.8	34.03
#1	1.705	7.721	-.8899	-1.232	-.2714	-.1777	4.867

#2	1.626	8.396	-1.446	1.864	-.1842	2.082	2.979

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.373	-.0913
SDev	.134	1.2248
%RSD	9.741	1342.
#1	1.279	.7748
#2	1.468	-.9574

Method: SW846 Sample Name: CCV2 Operator:
Run Time: 08/13/08 05:04:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125400.	1001.	5017.	10080.	1007.	2518.	126700.

SDev	148.	5.	4.	13.	1.	7.	316.
%RSD	.1178	.5391	.0818	.1318	.1475	.2728	.2498
#1	125500.	1005.	5020.	10090.	1006.	2513.	126400.
#2	125300.	997.5	5014.	10070.	1008.	2523.	126900.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5041.	2527.	12540.	100800.	125900.	5060.	2528.
SDev	14.	7.	13.	102.	55.	15.	3.
%RSD	.2860	.2825	.1046	.1012	.0435	.3033	.1129
#1	5030.	2522.	12550.	100800.	126000.	5049.	2526.
#2	5051.	2532.	12530.	100900.	125900.	5071.	2530.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51910.	1259.	10080.	4990.	130000.	5030.	2551.
SDev	136.	.	29.	5.	414.	12.	8.
%RSD	.2623	.0279	.2869	.0981	.3187	.2301	.2984
#1	52010.	1259.	10060.	4987.	130300.	5022.	2545.
#2	51820.	1259.	10100.	4994.	129700.	5039.	2556.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2524.	1020.	2507.	1013.	10070.	10080.	10080.
SDev	10.	.	3.	4.	9.	40.	23.
%RSD	.4013	.0168	.1336	.4107	.0849	.4016	.2297
#1	2517.	1020.	2505.	1010.	10070.	10050.	10060.
#2	2532.	1020.	2510.	1016.	10080.	10110.	10100.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5013.	4979.
SDev	31.	8.
%RSD	.6085	.1585
#1	4991.	4984.
#2	5034.	4973.

Method: SW846 Sample Name: CCB2 Operator:
Run Time: 08/13/08 05:10:28
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.806	.3990	1.064	-.3785	.0451	-.3767	-7.577
SDev	.886	2.385	.441	.0413	.0172	.1349	1.515
%RSD	13.02	597.8	41.44	10.91	38.17	35.80	20.00
#1	-6.179	-1.288	1.376	-.3493	.0572	-.2813	-8.649
#2	-7.432	2.085	.7522	-.4077	.0329	-.4721	-6.506

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

				24944V1			
Avge	-.0168	.0182	.6640	-7.261	3.146	-.0955	-.1332
SDev	.4280	.0512	.0037	9.767	5.749	.0546	.6222
%RSD	2551.	281.5	.5590	134.5	182.8	57.21	467.2
#1	-.3194	-.0180	.6614	-14.17	-.9198	-.0569	.3068
#2	.2859	.0544	.6667	-.3545	7.211	-.1342	-.5732

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-415.0	.2317	.8537	1.579	111.9	-.7834	-.0830
SDev	1.8	.1587	1.061	.870	84.9	2.9037	.1902
%RSD	.4451	68.49	124.3	55.10	75.88	370.7	229.1
#1	-416.4	.3439	1.604	2.194	171.9	1.270	.0515
#2	-413.7	.1195	.1034	.9637	51.84	-2.837	-.2176

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1025	.4951	.2256	1.651	-.3668	.1000	1.226
SDev	.0581	.4001	.7433	3.178	.0302	1.624	.780
%RSD	56.73	80.82	329.5	192.5	8.244	1624.	63.66
#1	-.0614	.2122	.7512	3.899	-.3882	1.248	1.777
#2	-.1436	.7780	-.3000	-.5962	-.3454	-1.048	.6739

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.101	1.807
SDev	1.804	2.205
%RSD	163.8	122.0
#1	-.1744	3.366
#2	2.377	.2479

Method: SW846 Sample Name: 940032MS Operator:
Run Time: 08/13/08 05:16:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2207.	501.1	2047.	2639.	51.56	52.82	66810.
SDev	.	3.9	.	1.	.03	.26	45.
%RSD	.0144	.7838	.0091	.0341	.0668	.4868	.0671
#1	2207.	503.9	2048.	2639.	51.58	52.64	66770.
#2	2207.	498.3	2047.	2640.	51.53	53.01	66840.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.4	518.5	259.6	73400.	59070.	1671.	513.4
SDev	1.0	2.0	.6	54.	49.	3.	1.0
%RSD	.4633	.3811	.2200	.0738	.0833	.1842	.1895
#1	205.7	517.1	259.2	73360.	59030.	1669.	514.0
#2	207.1	519.9	260.0	73430.	59100.	1673.	512.7

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28810.	51.36	529.1	2058.	236400.	2082.	527.5
SDev	5.	.04	1.0	11.	435.	4.	1.3
%RSD	.0176	.0794	.1964	.5177	.1841	.1918	.2393
#1	28810.	51.33	529.9	2066.	236700.	2085.	526.6

#2	28800.	51.39	528.4	2051.	236100.	2079.	528.4

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.2	539.1	510.8	504.0	521.4	513.3	537.0
SDev	.7	.3	.1	1.6	.8	.8	1.1
%RSD	.1383	.0532	.0231	.3245	.1611	.1635	.2121
#1	503.7	538.9	510.7	505.1	520.8	513.9	537.8
#2	504.6	539.3	510.9	502.8	522.0	512.7	536.2

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2065.	2055.

SDev	2.	17.
%RSD	.0801	.8175
#1	2064.	2067.
#2	2066.	2043.

Method: SW846 Sample Name: 940032A Operator:
Run Time: 08/13/08 05:22:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2174.	500.7	2040.	2618.	51.19	52.30	66260.
SDev	5.	2.1	3.	4.	.02	.00	178.
%RSD	.2500	.4285	.1438	.1632	.0295	.0033	.2692
#1	2170.	502.2	2042.	2621.	51.18	52.30	66140.
#2	2178.	499.2	2038.	2615.	51.20	52.30	66390.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	205.3	513.2	257.0	72730.	58490.	1654.	508.9
SDev	.4	2.9	.7	115.	20.	4.	.3
%RSD	.2156	.5660	.2719	.1586	.0344	.2348	.0642
#1	205.0	511.2	257.5	72640.	58480.	1652.	508.6
#2	205.6	515.3	256.5	72810.	58500.	1657.	509.1

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28530.	51.06	523.7	2047.	233800.	2071.	522.2
SDev	32.	.02	.7	9.	26.	2.	1.2

%RSD	.1138	.0452	.1402	.4456	.0113	.1033	.2274
#1	28550.	51.05	523.2	2053.	233900.	2073.	521.3
#2	28510.	51.08	524.2	2040.	233800.	2070.	523.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.9	535.4	505.5	499.5	517.6	509.2	531.0
SDev	.2	1.1	3.6	8.9	.2	2.3	.0
%RSD	.0315	.2039	.7149	1.782	.0389	.4494	.0078

#1	501.8	534.7	502.9	493.2	517.8	507.6	531.0
#2	502.0	536.2	508.0	505.8	517.5	510.8	530.9

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2052.	2044.
SDev	7.	10.
%RSD	.3489	.4942
#1	2057.	2051.
#2	2047.	2037.

Method: SW846 Sample Name: 940028 Operator:
Run Time: 08/13/08 05:28:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	349.2	-2.669	.2470	293.7	.0559	-.1892	15660.
SDev	1.8	2.486	.1523	.3	.0077	.0757	55.

%RSD	.5281	93.14	61.65	.1064	13.85	40.02	.3512
#1	350.5	-.9111	.3547	294.0	.0614	-.2427	15700.
#2	347.9	-4.426	.1393	293.5	.0504	-.1357	15620.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.830	2.427	-1.082	2037.	12630.	339.8	3.059
SDev	.330	.098	.290	9.	8.	.3	.074
%RSD	11.65	4.045	26.83	.4439	.0634	.0846	2.426
#1	3.063	2.358	-1.287	2043.	12640.	340.0	3.006
#2	2.597	2.497	-.8766	2031.	12630.	339.6	3.111

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2653.	.5268	.8449	2.644	80150.	.4505	.4760
SDev	16.	.0855	.4637	1.048	212.	.1653	.0985
%RSD	.6044	16.23	54.88	39.66	.2641	36.68	20.69
#1	2664.	.4663	.5171	3.385	80300.	.3337	.5457
#2	2641.	.5872	1.173	1.902	80000.	.5674	.4064

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.884	112.0	-.4644	.2990	6.202	1.797	.3655
SDev	.062	.9	1.4851	1.417	.038	2.680	.6428
%RSD	.7895	.8359	319.8	473.8	.6115	149.2	175.9
#1	7.840	111.3	-1.514	1.301	6.176	-.0984	.8200
#2	7.928	112.7	.5857	-.7027	6.229	3.692	-.0890

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.691	3.109
SDev	.963	2.053
%RSD	56.96	66.03
#1	1.010	4.561
#2	2.373	1.657

Method: SW846 Sample Name: 940029 Operator:
Run Time: 08/13/08 05:34:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	386.6	-2.104	.0309	409.7	.0033	.5909	53490.
SDev	7.9	1.537	.2167	3.5	.0250	.0296	383.
%RSD	2.037	73.04	701.0	.8624	748.7	5.016	.7163
#1	392.1	-1.017	.1842	412.2	.0210	.5699	53760.
#2	381.0	-3.191	-.1223	407.2	-.0143	.6118	53220.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8087	18.98	3.290	67850.	35350.	1901.	-.2256
SDev	.1166	.04	.353	518.	240.	11.	.1468
%RSD	14.42	.1903	10.72	.7637	.6787	.5853	65.06
#1	.8912	18.96	3.540	68210.	35520.	1909.	-.3294
#2	.7263	19.01	3.041	67480.	35180.	1893.	-.1218

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3218.	-.0013	13.73	4.013	78480.	.6434	-1.115
SDev	29.	.2164	1.96	1.862	727.	.0245	.126
%RSD	.8902	17100.	14.29	46.39	.9266	3.814	11.33
#1	3238.	-.1543	15.11	5.330	79000.	.6260	-1.204
#2	3197.	.1518	12.34	2.697	77970.	.6608	-1.026

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1821	377.1	-.8099	2.412	4.605	-1.007	21.08
SDev	.3567	4.8	.3415	1.404	.095	3.730	1.08
%RSD	195.9	1.284	42.17	58.21	2.065	370.4	5.118
#1	.0701	380.5	-.5684	3.404	4.538	1.630	21.84
#2	-.4343	373.6	-1.051	1.419	4.673	-3.644	20.32

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.542	3.739
SDev	3.519	1.034
%RSD	77.48	27.66
#1	7.031	4.471
#2	2.054	3.008

Method: SW846 Sample Name: 940030 Operator:
Run Time: 08/13/08 05:40:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1002.	-1.060	.1234	283.9	.1319	-.1085	52080.
SDev	2.	.030	1.704	1.1	.0023	.1091	77.
%RSD	.1811	2.847	1381.	.3822	1.712	100.5	.1480

#1	1004.	-1.038	-1.082	284.6	.1303	-.0314	52140.
#2	1001.	-1.081	1.328	283.1	.1335	-.1856	52030.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.380	1.357	2.210	3945.	25990.	682.4	3.278
SDev	.521	.477	.007	9.	6.	.2	.518
%RSD	15.42	35.15	.3212	.2313	.0234	.0361	15.80
#1	3.749	1.694	2.215	3951.	25990.	682.2	3.645
#2	3.011	1.020	2.205	3938.	25980.	682.5	2.912

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8583.	.5163	1.759	3.672	116800.	.1097	1.699
SDev	7.	.0728	1.446	2.796	155.	1.289	.100
%RSD	.0848	14.10	82.26	76.17	.1326	1175.	5.869
#1	8588.	.4648	.7357	5.649	116700.	1.021	1.769
#2	8578.	.5678	2.781	1.694	116900.	-.8019	1.628

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.220	48.98	-.5067	2.452	21.29	1.520	1.873
SDev	.310	.46	.1770	.546	.01	1.769	1.285
%RSD	3.774	.9422	34.94	22.28	.0279	116.4	68.62
#1	8.001	49.31	-.3815	2.066	21.29	.2689	.9643
#2	8.439	48.65	-.6319	2.839	21.30	2.771	2.782

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.715	6.351
SDev	4.758	1.817
%RSD	277.4	28.62
#1	1.649	7.636
#2	-5.079	5.065

Method: SW846 Sample Name: 940031 Operator:
Run Time: 08/13/08 05:46:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1554.	-4.246	26.48	183.4	.0607	.0666	34960.
SDev	7.	1.436	.73	.0	.0043	.0481	59.
%RSD	.4609	33.82	2.740	.0156	7.162	72.33	.1679
#1	1559.	-3.230	25.97	183.4	.0638	.0325	35000.
#2	1549.	-5.261	26.99	183.5	.0577	.1006	34920.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.555	1.715	5.727	45050.	22190.	532.2	2.158
SDev	.155	.103	.136	83.	18.	.4	.445

24944V1

%RSD	6.065	5.978	2.380	.1834	.0816	.0719	20.61
#1	2.665	1.643	5.631	45100.	22200.	531.9	2.472
#2	2.446	1.788	5.824	44990.	22180.	532.5	1.843

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4902.	-.0280	8.061	3.904	68100.	-1.553	2.088
SDev	20.	.0783	.344	2.515	481.	.147	.031
%RSD	.4168	280.0	4.273	64.43	.7062	9.461	1.471
#1	4917.	.0274	7.817	2.125	68440.	-1.657	2.066
#2	4888.	-.0833	8.305	5.683	67760.	-1.449	2.110

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.448	619.7	-1.469	2.308	26.11	-.9467	12.55
SDev	.016	.8	.312	2.484	.01	2.2682	.62
%RSD	.3689	.1238	21.26	107.6	.0469	239.6	4.906
#1	4.460	620.3	-1.248	4.065	26.12	-2.551	12.99
#2	4.437	619.2	-1.690	.5515	26.10	.6572	12.12

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.504	7.592
SDev	3.781	1.883
%RSD	107.9	24.81
#1	-6.178	6.260
#2	-.8307	8.924

Method: SW846 Sample Name: 940033 Operator:
Run Time: 08/13/08 05:52:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2518.	-3.737	8.740	144.7	.0472	.2653	31170.
SDev	4.	1.796	1.285	.1	.0595	.1036	19.
%RSD	.1737	48.05	14.70	.0655	125.9	39.04	.0599
#1	2521.	-2.467	9.649	144.7	.0893	.1920	31150.
#2	2515.	-5.006	7.832	144.6	.0052	.3385	31180.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.937	.1058	5.523	55830.	32790.	406.0	4.159
SDev	.220	.3166	.141	23.	9.	.9	.294
%RSD	4.457	299.2	2.549	.0410	.0275	.2153	7.080
#1	5.092	-.1180	5.423	55810.	32780.	405.4	4.367
#2	4.781	.3296	5.622	55850.	32800.	406.7	3.951

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2570.	.4524	17.88	3.573	40560.	-.7193	6.094
SDev	.	.0595	.16	.183	69.	.2944	.108
%RSD	.0052	13.14	.9152	5.116	.1689	40.92	1.770
#1	2569.	.4944	17.76	3.444	40510.	-.9274	6.170
#2	2570.	.4103	17.99	3.703	40600.	-.5112	6.018

24944V1

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.88	103.7	1.261	3.198	61.62	5.933	23.84
SDev	.31	.5	.417	.070	.48	.263	.38
%RSD	2.619	.5088	33.07	2.179	.7768	4.424	1.579
#1	11.66	103.4	1.556	3.248	61.96	6.119	23.57
#2	12.10	104.1	.9661	3.149	61.28	5.748	24.10

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.749	4.474
SDev	1.747	.598
%RSD	99.87	13.37
#1	.5140	4.897
#2	2.985	4.051

Method: SW846 Sample Name: 938488 Operator:
Run Time: 08/13/08 05:58:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.259	-4.040	.0478	-.4107	.0546	-.0934	162.1
SDev	4.912	.575	1.776	.0789	.0578	.0621	2.0
%RSD	217.4	14.25	3715.	19.20	105.9	66.44	1.245
#1	5.732	-3.633	-1.208	-.4664	.0137	-.0495	163.5
#2	-1.214	-4.447	1.304	-.3549	.0955	-.1374	160.7

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4851	-.1961	2.813	12.88	7.383	.0157	-.0097
SDev	.0262	.1452	2.133	3.85	.221	.0066	.6292
%RSD	5.407	74.05	75.82	29.91	2.998	41.94	6486.
#1	.4666	-.0934	1.305	15.60	7.226	.0203	-.4546
#2	.5037	-.2989	4.322	10.16	7.539	.0110	.4352

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-440.6	.5639	.4476	2.674	138.2	-.9658	.0619
SDev	33.3	.2232	.3992	.403	19.1	1.4144	.2461
%RSD	7.548	39.58	89.20	15.06	13.82	146.5	397.9
#1	-417.1	.4060	.1653	2.958	151.6	.0344	.2359
#2	-464.1	.7217	.7299	2.389	124.7	-1.966	-.1122

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	17.82	42.83	-.4324	1.636	-.4253	.4913	.4214
SDev	.20	.64	.1742	2.677	.0096	1.056	1.126
%RSD	1.102	1.486	40.28	163.7	2.261	214.9	267.2
#1	17.96	43.28	-.3092	-.2572	-.4321	1.238	-.3747
#2	17.68	42.38	-.5555	3.529	-.4185	-.2553	1.217

Elem	1960/1	1960/2
Units	ppb	ppb

Avge	-2.013	5.004
SDev	.885	.162
%RSD	43.95	3.230
#1	-1.388	5.118
#2	-2.639	4.889

Method: SW846 Sample Name: 938727 Operator:
Run Time: 08/13/08 06:04:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	76.67	-2.944	-1.577	21.62	.2392	-.1322	7248.
SDev	3.09	.822	.195	.19	.0054	.0088	66.
%RSD	4.026	27.91	12.39	.8744	2.253	6.626	.9141
#1	78.86	-2.363	-1.715	21.48	.2430	-.1384	7201.
#2	74.49	-3.525	-1.439	21.75	.2353	-.1260	7295.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.889	3.181	.1086	896.7	1416.	58.75	32.47

SDev	.630	.060	.1394	15.3	4.	.56	.95
%RSD	16.20	1.886	128.4	1.711	.2897	.9450	2.911
#1	3.443	3.138	.2072	885.9	1413.	58.36	31.80
#2	4.334	3.223	.0100	907.6	1419.	59.14	33.13

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	802.2	.1337	.8377	-.2772	46300.	1.378	-.2327
SDev	9.9	.3112	.8825	.1370	31.	1.494	.1671
%RSD	1.233	232.7	105.4	49.43	.0674	108.4	71.82
#1	795.2	-.0863	1.462	-.1803	46320.	.3220	-.3508
#2	809.2	.3538	.2137	-.3741	46280.	2.434	-.1145

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	103.8	7.732	-.6028	.4424	-.4359	.9176	.7933
SDev	1.3	.355	.2817	.8600	.1554	.6803	.9834
%RSD	1.297	4.591	46.73	194.4	35.65	74.13	124.0
#1	102.9	7.983	-.4036	1.051	-.3260	1.399	1.489
#2	104.8	7.481	-.8020	-.1657	-.5458	.4366	.0979

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.522	.8331
SDev	1.822	.7044
%RSD	72.27	84.55
#1	-1.233	.3351
#2	-3.810	1.331

Method: SW846 Sample Name: 938728 Operator:
Run Time: 08/13/08 06:09:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.39	-1.289	.0810	94.33	.2087	-.1976	29710.
SDev	.07	.492	.2289	.09	.0063	.1404	26.
%RSD	.1469	38.19	282.6	.0983	3.030	71.05	.0864
#1	50.34	-1.637	.2429	94.27	.2131	-.2969	29730.
#2	50.44	-.9411	-.0808	94.40	.2042	-.0983	29690.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.780	11.41	1.614	2332.	4718.	210.3	25.63
SDev	.059	.10	.147	8.	3.	.4	.17
%RSD	1.022	.8436	9.118	.3339	.0579	.1829	.6642
#1	5.738	11.34	1.510	2338.	4716.	210.0	25.75
#2	5.822	11.48	1.718	2327.	4720.	210.6	25.51

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4588.	.2428	.1474	4.398	103400.	-.6860	-.2101
SDev	2.	.2017	1.142	1.223	110.	1.5160	.1549
%RSD	.0484	83.09	774.7	27.81	.1062	221.0	73.73
#1	4587.	.1001	-.6599	5.263	103400.	-1.758	-.1006
#2	4590.	.3854	.9546	3.534	103500.	.3860	-.3197

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.17	36.33	-.7944	.6506	-.6957	.0620	.1856
SDev	.02	.56	.0090	1.062	.0005	3.203	.1127
%RSD	.1137	1.542	1.131	163.3	.0718	5166.	60.71
#1	20.15	35.93	-.8008	-.1007	-.6960	-2.203	.1059
#2	20.18	36.72	-.7881	1.402	-.6953	2.326	.2653

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.883	5.644
SDev	1.272	2.469
%RSD	67.54	43.73
#1	.9835	7.390
#2	2.782	3.899

Method: SW846 Sample Name: CCV3 Operator:
Run Time: 08/13/08 06:15:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124500.	997.6	4955.	9992.	992.1	2481.	124900.
SDev	201.	9.5	50.	64.	8.8	17.	870.
%RSD	.1616	.9555	1.013	.6414	.8859	.6703	.6968
#1	124600.	1004.	4990.	10040.	998.3	2493.	125500.
#2	124300.	990.9	4919.	9947.	985.8	2469.	124200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4958.	2489.	12410.	99220.	124900.	4981.	2488.
SDev	29.	17.	36.	782.	330.	29.	17.

%RSD	.5821	.6772	.2929	.7886	.2642	.5815	.6780
#1	4979.	2501.	12440.	99770.	125100.	5001.	2500.
#2	4938.	2477.	12390.	98660.	124600.	4960.	2476.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51730.	1247.	9959.	4937.	129800.	4957.	2505.
SDev	50.	6.	24.	7.	11.	25.	14.
%RSD	.0973	.4894	.2415	.1337	.0083	.5043	.5509
#1	51760.	1251.	9976.	4941.	129800.	4974.	2515.
#2	51690.	1243.	9942.	4932.	129800.	4939.	2495.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2479.	1003.	2473.	984.9	9929.	9955.	9961.
SDev	20.	5.	19.	11.2	63.	11.	30.
%RSD	.8058	.5175	.7771	1.138	.6384	.1136	.3053
#1	2493.	1007.	2487.	992.8	9974.	9963.	9983.

#2	2465.	999.4	2460.	976.9	9884.	9947.	9940.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4951.	4929.
SDev	4.	8.
%RSD	.0753	.1630
#1	4954.	4935.
#2	4948.	4924.

Method: SW846 Sample Name: CCB3 Operator:
Run Time: 08/13/08 06:21:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.649	-.7043	-.8327	-.4364	.0136	-.2239	-7.919
SDev	2.325	.0685	2.5114	.0417	.0149	.2116	1.913
%RSD	50.00	9.722	301.6	9.551	109.7	94.52	24.15
#1	-3.005	-.7527	.9431	-.4659	.0031	-.3735	-9.272
#2	-6.293	-.6559	-2.609	-.4069	.0242	-.0742	-6.567

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1819	-.0220	.4695	.1674	4.702	-.1720	-.0495
SDev	.0214	.4206	.3061	.7891	6.944	.0549	.6386
%RSD	11.78	1915.	65.19	471.4	147.7	31.91	1290.
#1	-.1668	-.3194	.2531	.7254	-.2088	-.2109	-.5010
#2	-.1971	.2754	.6859	-.3906	9.612	-.1332	.4020

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-395.4	.2830	.1230	4.596	140.7	1.990	.0116

SDev	10.1	.1782	1.049	.178	42.4	1.899	.0606
%RSD	2.543	62.98	852.9	3.876	30.16	95.45	520.4
#1	-402.5	.4090	-.6186	4.722	170.7	3.332	.0545
#2	-388.3	.1570	.8645	4.470	110.7	.6468	-.0312

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3566	-.3673	-.2914	-1.735	-.2376	.2018	.0792
SDev	.4919	.0658	.5800	1.299	.1548	2.997	.0761
%RSD	137.9	17.91	199.0	74.87	65.17	1485.	96.10
#1	.0088	-.3208	.1187	-2.654	-.3470	-1.917	.0254
#2	.7044	-.4138	-.7016	-.8164	-.1281	2.321	.1330

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	6.471	3.649
SDev	3.548	2.039
%RSD	54.84	55.87
#1	3.962	5.091
#2	8.980	2.208

Method: SW846 Sample Name: 938729 Operator:
Run Time: 08/13/08 06:27:48
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1258.	-2.491	1.305	95.50	.0733	3.609	2436.
SDev	6.	1.046	.121	.23	.0365	.043	7.
%RSD	.4635	42.01	9.274	.2373	49.81	1.196	.2987
#1	1262.	-1.751	1.220	95.66	.0991	3.639	2441.
#2	1253.	-3.231	1.391	95.34	.0475	3.578	2430.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.832	6.671	.5690	8207.	9850.	123.5	39.85
SDev	.483	.190	.4783	21.	27.	.4	.87
%RSD	8.290	2.844	84.07	.2560	.2714	.3194	2.187
#1	5.490	6.805	.9072	8221.	9869.	123.7	40.46
#2	6.174	6.537	.2307	8192.	9831.	123.2	39.23

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4170.	.1052	1.934	2.394	25740.	2.489	.8299
SDev	18.	.1473	.255	.659	113.	1.454	.2484
%RSD	.4232	140.0	13.17	27.53	.4378	58.42	29.93
#1	4183.	.2094	1.754	1.928	25820.	3.517	1.006
#2	4158.	.0010	2.114	2.860	25660.	1.461	.6543

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	193.9	42.93	.7467	1.313	-.4473	2.160	1.818
SDev	.8	.24	.5678	1.236	.0642	.547	.111
%RSD	.4336	.5600	76.04	94.15	14.36	25.31	6.109

#1	194.5	43.10	1.148	.4389	-.4927	1.774	1.739
#2	193.3	42.76	.3452	2.187	-.4019	2.547	1.896

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.223	2.969
SDev	.771	1.373
%RSD	63.08	46.27
#1	1.768	1.997
#2	.6774	3.940

Method: SW846 Sample Name: 938730 Operator:
Run Time: 08/13/08 06:33:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.478	-1.896	-2.563	50.17	.0540	-.2104	29130.
SDev	5.689	2.440	5.436	.91	.0033	.1811	349.
%RSD	229.6	128.7	212.1	1.820	6.139	86.05	1.198
#1	6.501	-3.622	-6.406	50.81	.0516	-.3385	29370.
#2	-1.544	-.1709	1.281	49.52	.0563	-.0824	28880.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.477	1.919	2.355	750.5	3970.	249.7	7.972
SDev	.515	.040	.056	11.3	64.	2.6	.266
%RSD	34.85	2.089	2.382	1.500	1.608	1.059	3.340
#1	1.113	1.891	2.394	758.5	4015.	251.6	7.784
#2	1.841	1.948	2.315	742.6	3925.	247.8	8.160

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4914.	-.1517	.2699	1.382	18050.	-1.945	.1626
SDev	85.	.2731	.4614	1.399	276.	1.132	.4089
%RSD	1.740	180.0	170.9	101.2	1.530	58.19	251.6
#1	4975.	.0414	.5961	.3927	18250.	-2.746	-.1266
#2	4854.	-.3448	-.0563	2.372	17860.	-1.145	.4517

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.73	42.62	-.7632	1.324	-.6576	-1.001	.8999
SDev	.10	.50	.8218	1.298	.0232	.914	.2355
%RSD	.9193	1.177	107.7	98.09	3.521	91.30	26.17
#1	10.80	42.97	-1.344	.4055	-.6412	-.3546	1.066
#2	10.66	42.26	-.1822	2.242	-.6739	-1.647	.7334

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.305	3.213

SDev	1.365	2.780
%RSD	59.24	86.53
#1	-1.339	1.247

#2	-3.270	5.178

Method: SW846 Sample Name: 938731 Operator:
Run Time: 08/13/08 06:39:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.292	-2.577	-1.618	51.20	.0169	-.1273	29610.
SDev	6.147	.295	.632	1.29	.0179	.0270	588.
%RSD	66.16	11.46	39.06	2.512	105.8	21.17	1.986
#1	13.64	-2.368	-1.171	52.11	.0043	-.1083	30030.
#2	4.945	-2.786	-2.065	50.29	.0295	-.1464	29190.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.510	2.305	1.324	778.5	4046.	254.3	7.915
SDev	.031	.293	.083	18.4	84.	5.0	.400
%RSD	2.071	12.70	6.246	2.366	2.064	1.970	5.055
#1	1.532	2.512	1.383	791.6	4105.	257.8	7.632
#2	1.488	2.098	1.266	765.5	3987.	250.7	8.198

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5001.	-.2929	-.0434	.8684	18170.	-.5542	.2591
SDev	114.	.1223	.7542	1.175	219.	2.2371	.1059

%RSD	2.275	41.76	1739.	135.3	1.207	403.7	40.88
#1	5081.	-.3795	.4899	1.699	18330.	-2.136	.1842
#2	4920.	-.2064	-.5767	.0376	18020.	1.028	.3340

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.94	42.88	-.5974	1.997	-.6431	-.2898	.0752
SDev	.29	.05	.4713	1.401	.0747	1.3434	.4599
%RSD	2.634	.1112	78.89	70.15	11.62	463.6	611.4
#1	11.14	42.92	-.9306	2.987	-.6960	.6601	.4004
#2	10.73	42.85	-.2641	1.006	-.5903	-1.240	-.2500

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.680	2.130
SDev	4.936	.703
%RSD	293.8	32.99
#1	1.810	1.633
#2	-5.170	2.627

Method: SW846 Sample Name: ICSA2 Operator:
Run Time: 08/13/08 06:45:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482900.	-3.548	-.6710	.6130	-.0458	3.496	472500.
SDev	471.	6.344	.6734	.0903	.0061	.095	147.

%RSD	.0976	178.8	100.4	14.73	13.40	2.731	.0312
#1	482500.	-8.034	-1.147	.6768	-.0414	3.564	472600.
#2	483200.	.9383	-.1948	.5491	-.0501	3.429	472400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.281	-1.271	1.806	198700.	533000.	.3351	-1.536
SDev	.576	1.073	.157	99.	345.	.0196	.079
%RSD	25.24	84.44	8.703	.0500	.0647	5.843	5.139
#1	2.689	-.5122	1.695	198800.	532800.	.3490	-1.480
#2	1.874	-2.030	1.917	198700.	533300.	.3213	-1.592

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-372.9	.0054	L-6.100	-2.381	127.7	-3.479	-3.690
SDev	2.7	.1716	1.291	4.914	9.7	2.491	.144
%RSD	.7342	3166.	21.17	206.3	7.559	71.59	3.899
#1	-370.9	-.1159	L-7.013	-5.856	120.9	-1.718	-3.588
#2	-374.8	.1267	-5.187	1.093	134.5	-5.240	-3.792

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.190	-2.011	-3.425	1.679	-12.31	-9.090	-4.612
SDev	.881	.775	2.410	1.462	.03	1.125	2.498
%RSD	27.62	38.53	70.37	87.10	.2367	12.38	54.16
#1	3.813	-2.559	-1.721	.6449	-12.33	-8.294	-6.378
#2	2.567	-1.463	-5.129	2.713	-12.29	-9.886	-2.846

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.402	-.8843
SDev	5.452	10.088
%RSD	100.9	1141.
#1	-1.547	-8.018
#2	-9.256	6.249

Method: SW846 Sample Name: ICSAB2 Operator:
Run Time: 08/13/08 06:51:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	472500.	90.46	96.75	106.8	99.07	100.9	461900.
SDev	1736.	2.50	.29	.5	.21	.2	332.
%RSD	.3675	2.760	.2995	.4372	.2117	.2049	.0719
#1	473800.	92.22	96.54	107.1	99.22	101.1	462100.
#2	471300.	88.69	96.95	106.5	98.92	100.8	461700.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.54	95.58	106.0	194000.	519300.	99.74	94.75
SDev	.13	.70	.6	397.	1818.	.15	.39
%RSD	.1323	.7300	.5445	.2045	.3500	.1454	.4074

24944V1

#1	99.63	95.08	106.4	194300.	520600.	99.64	95.02
#2	99.45	96.07	105.6	193700.	518000.	99.84	94.47

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11590.	102.6	90.54	97.27	10860.	94.53	95.15
SDev	63.	.2	1.07	4.55	99.	2.34	.28
%RSD	.5393	.2121	1.181	4.681	.9146	2.475	.2916
#1	11640.	102.8	91.29	94.05	10790.	92.87	94.96
#2	11550.	102.5	89.78	100.5	10930.	96.18	95.35

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.06	97.09	96.36	94.44	89.73	87.17	92.21
SDev	.22	.02	.73	.51	.29	2.21	.50
%RSD	.2288	.0180	.7561	.5440	.3232	2.538	.5407
#1	97.21	97.10	96.87	94.80	89.94	88.74	92.57
#2	96.90	97.08	95.84	94.08	89.53	85.61	91.86

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	96.59	97.60
SDev	5.14	4.26
%RSD	5.323	4.364
#1	92.95	94.59

#2	100.2	100.6

Method: SW846 Sample Name: CCV4 Operator:
Run Time: 08/13/08 06:57:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124100.	993.2	4943.	9953.	992.0	2483.	125200.
SDev	764.	1.6	14.	42.	2.6	9.	312.
%RSD	.6154	.1598	.2911	.4250	.2603	.3475	.2491
#1	123600.	992.1	4933.	9923.	990.2	2477.	125000.
#2	124700.	994.4	4953.	9982.	993.8	2490.	125400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4958.	2493.	12360.	99300.	124500.	4989.	2494.
SDev	21.	7.	83.	282.	615.	23.	6.
%RSD	.4258	.2698	.6675	.2840	.4939	.4599	.2397
#1	4944.	2488.	12310.	99100.	124100.	4973.	2490.
#2	4973.	2497.	12420.	99500.	125000.	5006.	2498.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51500.	1245.	9959.	4908.	129500.	4958.	2503.
SDev	246.	6.	7.	1.	836.	24.	16.
%RSD	.4768	.4751	.0725	.0203	.6452	.4887	.6458
#1	51320.	1241.	9954.	4908.	128900.	4941.	2492.
#2	51670.	1249.	9965.	4907.	130100.	4975.	2515.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2489.	1005.	2472.	992.4	9903.	9943.	9968.
SDev	7.	3.	2.	4.6	40.	20.	1.
%RSD	.2940	.2668	.0689	.4611	.4046	.2014	.0084
#1	2483.	1003.	2470.	989.2	9874.	9928.	9967.
#2	2494.	1007.	2473.	995.7	9931.	9957.	9968.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4925.	4899.
SDev	21.	12.
%RSD	.4325	.2476
#1	4910.	4907.
#2	4940.	4890.

Method: SW846 Sample Name: CCB4 Operator:
Run Time: 08/13/08 07:03:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.500	-1.569	1.488	-.5543	.0317	-.1399	-7.482
SDev	.501	2.145	1.136	.1245	.0165	.0479	1.409
%RSD	6.673	136.7	76.31	22.46	51.92	34.20	18.83
#1	-7.854	-.0522	.6852	-.6423	.0201	-.1061	-8.479
#2	-7.146	-3.085	2.291	-.4663	.0434	-.1738	-6.486

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3040	-.1690	.5619	-5.663	3.532	-.1339	-.2517
SDev	.0643	.2096	.1497	1.484	5.185	.0000	.0965
%RSD	21.15	124.0	26.64	26.21	146.8	.0076	38.33
#1	-.2585	-.0208	.4560	-4.614	7.198	-.1339	-.1835
#2	-.3494	-.3172	.6677	-6.713	-.1339	-.1340	-.3199

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-402.6	.5676	-.9587	1.674	144.5	-1.280	-.0582
SDev	7.4	.5037	.5566	.683	21.1	2.111	.0356
%RSD	1.845	88.74	58.06	40.78	14.57	164.8	61.17
#1	-397.3	.9237	-1.352	2.157	129.6	.2120	-.0330
#2	-407.8	.2115	-.5651	1.192	159.4	-2.773	-.0834

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1905	.0818	-.4032	.6330	-.3018	-.5517	-1.166
SDev	.0343	.3327	.2514	.6451	.0003	1.0872	1.377
%RSD	18.01	406.5	62.34	101.9	.1119	197.0	118.1
#1	-.2147	.3171	-.5809	1.089	-.3020	.2170	-2.140

24944V1

#2	-.1662	-.1534	-.2254	.1768	-.3015	-1.320	-.1924

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.973	1.515
SDev	.059	1.053
%RSD	3.000	69.53
#1	1.931	2.260
#2	2.015	.7701

BATCH 24953V1 24958V1 METHOD 6010B

1	HSA	24952V2	SW846	08/10/08	23:55	S	CONC
2	ICV/CCV1	24952V2	SW846	08/11/08	00:01	S	CONC
3	ICB/CCB1	24952V2	SW846	08/11/08	00:07	S	CONC
4	ICSA1	24952V2	SW846	08/11/08	00:13	S	CONC
5	ICSAB1	24952V2	SW846	08/11/08	00:18	S	CONC
6	INT-20	24952V2	SW846	08/11/08	00:24	S	CONC
7	MCL	24952V2	SW846	08/11/08	00:30	S	CONC
8	MCL-2	24952V2	SW846	08/11/08	00:36	S	CONC
9	PBW080808	24952V2	SW846	08/11/08	00:42	S	CONC
10	LCSW	24952V2	SW846	08/11/08	00:48	S	CONC
11	940364D	24952V2	SW846	08/11/08	00:54	S	CONC
12	940364	24952V2	SW846	08/11/08	01:00	S	CONC
13	940364L	24952V2	SW846	08/11/08	01:06	S	CONC
14	CCV2	24952V2	SW846	08/11/08	01:12	S	CONC
15	CCB2	24952V2	SW846	08/11/08	01:18	S	CONC
16	940364MS	24952V2	SW846	08/11/08	01:24	S	CONC
17	940364A	24952V2	SW846	08/11/08	01:30	S	CONC
18	940360	24952V2	SW846	08/11/08	01:36	S	CONC
19	940361	24952V2	SW846	08/11/08	01:42	S	CONC
20	940362	24952V2	SW846	08/11/08	01:48	S	CONC
21	940363	24952V2	SW846	08/11/08	01:53	S	CONC
22	940365	24952V2	SW846	08/11/08	01:59	S	CONC
23	940366	24952V2	SW846	08/11/08	02:05	S	CONC
24	940367	24952V2	SW846	08/11/08	02:11	S	CONC
25	940368	24952V2	SW846	08/11/08	02:17	S	CONC
26	CCV3	24952V2	SW846	08/11/08	02:23	S	CONC
27	CCB3	24952V2	SW846	08/11/08	02:29	S	CONC
28	940369	24952V2	SW846	08/11/08	02:35	S	CONC
29	940390	24952V2	SW846	08/11/08	02:41	S	CONC
30	940815	24952V2	SW846	08/11/08	02:47	S	CONC
31	939544D	24952V2	SW846	08/11/08	02:53	S	CONC
32	939544	24952V2	SW846	08/11/08	02:59	S	CONC
33	939544L	24952V2	SW846	08/11/08	03:05	S	CONC
34	939544MS	24952V2	SW846	08/11/08	03:11	S	CONC
35	939544A	24952V2	SW846	08/11/08	03:17	S	CONC
36	939545	24952V2	SW846	08/11/08	03:23	S	CONC
37	939546	24952V2	SW846	08/11/08	03:29	S	CONC
38	CCV4	24952V2	SW846	08/11/08	03:35	S	CONC
39	CCB4	24952V2	SW846	08/11/08	03:40	S	CONC
40	939547	24952V2	SW846	08/11/08	03:46	S	CONC
41	ICSA2	24952V2	SW846	08/11/08	03:52	S	CONC
42	ICSAB2	24952V2	SW846	08/11/08	03:58	S	CONC
43	CCV5	24952V2	SW846	08/11/08	04:04	S	CONC
44	CCB5	24952V2	SW846	08/11/08	04:10	S	CONC
45	BSS080808	24952V2	SW846	08/11/08	04:16	S	CONC
46	PBS080808	24952V2	SW846	08/11/08	04:22	S	CONC
47	LCSSD058-2X	24952V2	SW846	08/11/08	04:28	S	CONC
48	LCSSD058-D-2X	24952V2	SW846	08/11/08	04:34	S	CONC
49	940987D-2X	24952V2	SW846	08/11/08	04:40	S	CONC
50	940987 -2X	24952V2	SW846	08/11/08	04:46	S	CONC
51	940987L-2X	24952V2	SW846	08/11/08	04:52	S	CONC
52	940987MS-2X	24952V2	SW846	08/11/08	04:58	S	CONC
53	940987A-2X	24952V2	SW846	08/11/08	05:04	S	CONC

Analysis Report Summary 08/11/08 08:24:52 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode

24953V1

54	940677-2X	24952V2	SW846	08/11/08	05:10		S	CONC
55	CCV6	24952V2	SW846	08/11/08	05:15		S	CONC
56	CCB6	24952V2	SW846	08/11/08	05:21		S	CONC
57	940678-2X	24952V2	SW846	08/11/08	05:27		S	CONC
58	940679-2X	24952V2	SW846	08/11/08	05:33		S	CONC
59	940512-2X	24952V2	SW846	08/11/08	05:39		S	CONC
60	940513-2X	24952V2	SW846	08/11/08	05:45		S	CONC
61	940664-2X	24952V2	SW846	08/11/08	05:51		S	CONC
62	940665-2X	24952V2	SW846	08/11/08	05:57		S	CONC
63	940676	24952V2	SW846	08/11/08	06:03		S	CONC
64	940982-2X	24952V2	SW846	08/11/08	06:09		S	CONC
65	940983-2X	24952V2	SW846	08/11/08	06:15		S	CONC
66	940986-2X	24952V2	SW846	08/11/08	06:21		S	CONC
67	CCV7	24952V2	SW846	08/11/08	06:27		S	CONC
68	CCB7	24952V2	SW846	08/11/08	06:33		S	CONC
69	940988-2X	24952V2	SW846	08/11/08	06:39		S	CONC
70	940989-2X	24952V2	SW846	08/11/08	06:45		S	CONC
71	940990-2X	24952V2	SW846	08/11/08	06:51		S	CONC
72	940991-2X	24952V2	SW846	08/11/08	07:14		S	CONC
73	940992-2X	24952V2	SW846	08/11/08	07:20		S	CONC
74	940993-2X	24952V2	SW846	08/11/08	07:26		S	CONC
75	940994-2X	24952V2	SW846	08/11/08	07:32		S	CONC
76	940995-2X	24952V2	SW846	08/11/08	07:37		S	CONC
77	ICSA3	24952V2	SW846	08/11/08	07:43		S	CONC
78	ICSAB3	24952V2	SW846	08/11/08	07:49		S	CONC
79	CCV8	24952V2	SW846	08/11/08	07:55		S	CONC
80	CCB8	24952V2	SW846	08/11/08	08:01		S	CONC

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	HSA	256600.	2059.	10190.	19930.	2008.	4967.
2	ICV/CCV1	128100.	1023.	5108.	10220.	1022.	2551.
3	ICB/CCB1	.9630	.4328	4.676	-.2708	-.4986	.2010
4	ICSA1	494700.	1.729	-1.760	2.140	-.2763	-1.853
5	ICSAB1	482700.	99.78	96.08	107.1	98.72	96.04
6	INT-20	46.99	3.841	1.340	19810.	-4.705	-1.199
7	MCL	223.4	11.83	13.71	11.53	10.68	11.12
8	MCL-2	123.2	5.528	4.226	4.855	4.930	5.901
9	PBW080808	4.170	1.431	.2763	-.2708	-.2060	.0721
10	LCSW	2112.	507.4	2078.	2069.	52.35	54.00
11	940364D	326.2	1.420	9.055	671.8	-.2738	-.3107
12	940364	341.9	-.0853	10.96	657.7	-.3383	-.3044
13	940364L	65.13	1.475	.9839	129.1	-.4433	.1438
14	CCV2	126900.	1025.	5094.	10160.	1017.	2538.
15	CCB2	1.075	2.018	-1.021	-.2708	-.3552	.0247
16	940364MS	2533.	523.5	2122.	2738.	52.72	53.04
17	940364A	2450.	511.0	2094.	2688.	51.91	52.12
18	940360	149.7	-2.265	.2201	662.5	-.2592	-3.672
19	940361	4540.	.7003	47.78	349.5	.0862	-1.461
20	940362	2423.	2.529	4.832	351.6	-.1606	-.7011
21	940363	2658.	1.789	4.018	374.8	.0138	-.9626
22	940365	3707.	1.301	14.97	313.3	-.2168	-1.066
23	940366	1325.	1.529	6.360	451.6	-.2309	-.5436
24	940367	4.068	1.588	1.792	-.3006	-.2223	.0885
25	940368	1407.	2.428	2.284	222.5	-.4430	.0919
26	CCV3	127800.	1024.	5132.	10230.	1025.	2552.
27	CCB3	1.513	2.059	.2511	-.2708	-.5328	-.0189
28	940369	7477.	1.627	7.142	295.3	-.1211	-.3548

29	940390	2038.	2.719	11.08	218.4	-.4169	-.1415
30	940815	24.72	3.102	2.048	207.0	-.4099	-.0150
31	939544D	24.25	1.211	8.966	89.59	-.3999	-.3343
32	939544	56.60	1.005	7.421	92.27	-.5730	-.2500
33	939544L	11.91	.0453	1.458	17.72	-.1786	-.1924
34	939544MS	2191.	514.7	2094.	2166.	51.48	52.56
35	939544A	2172.	511.9	2093.	2164.	51.85	52.47
36	939545	7.764	3.812	2.509	44.01	-.4745	-.1646
37	939546	6.698	.9463	-.0932	34.74	-.4122	-.2040
38	CCV4	127700.	1021.	5120.	10220.	1026.	2562.
39	CCB4	-3.463	-.5466	-.8354	-.3301	-.5280	-.0707
40	939547	9.461	.8223	1.781	34.94	-.2104	-.2648
41	ICSA2	500900.	-2.798	-.4921	.5053	-.6860	-1.761
42	ICSAB2	481000.	101.4	103.0	106.5	99.00	95.70
43	CCV5	129100.	1020.	5112.	10270.	1030.	2570.
44	CCB5	5.149	2.327	2.725	-.3305	-.4992	.1081
45	BSS080808	2103.	505.1	2041.	2081.	52.88	53.95
46	PBS080808	7.125	.3270	-.2329	-.2708	-.6229	-.0499
47	LCSSD058-2X	46010.	322.9	642.7	1117.	555.6	492.9
48	LCSSD058-D-2X	45650.	318.1	630.0	1108.	546.6	493.7
49	940987D-2X	29670.	3.150	3.503	134.4	.6428	-1.107
50	940987 -2X	30660.	-.1923	6.971	144.9	.7278	-1.046
51	940987L-2X	6202.	1.073	2.335	28.88	-.3623	-.1597
52	940987MS-2X	34480.	108.2	942.3	1086.	24.93	23.63
53	940987A-2X	33020.	488.7	2028.	2190.	52.08	51.45

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
54	940677-2X	21790.	9.489	46.76	468.8	.6677	3.914
55	CCV6	128700.	1028.	5123.	10290.	1028.	2562.
56	CCB6	3.962	1.035	1.426	-.3903	-.5380	.0012
57	940678-2X	24180.	7.034	48.58	557.6	1.141	4.843
58	940679-2X	18160.	6.290	38.67	374.3	.6855	4.232
59	940512-2X	101500.	.3340	17.41	92.29	1.399	-2.263
60	940513-2X	97730.	.1817	49.01	217.3	.2379	-.4927
61	940664-2X	75590.	1.641	13.13	445.2	5.853	-2.497
62	940665-2X	76220.	.9239	40.31	555.0	4.248	7.186
63	940676	3.697	.4707	1.531	-.1551	-.4979	.0081
64	940982-2X	28180.	.0558	19.80	219.9	.9282	-3.399
65	940983-2X	43250.	.2876	6.934	264.1	2.108	-1.714
66	940986-2X	40400.	2.537	12.95	223.3	1.763	-1.569
67	CCV7	128600.	1019.	5093.	10240.	1022.	2548.
68	CCB7	-1.095	2.586	2.176	-.2708	-.4160	-.0197
69	940988-2X	36980.	3.608	16.19	382.7	.8359	-1.631
70	940989-2X	47390.	-.5206	7.881	224.7	1.663	-1.787
71	940990-2X	18650.	-.9454	20.02	331.1	.6458	-1.390
72	940991-2X	23030.	6.669	15.65	689.9	.9710	2.060
73	940992-2X	30700.	6.339	70.06	392.4	1.140	3.590
74	940993-2X	16760.	3.070	30.49	340.3	.9590	-.6795
75	940994-2X	21650.	11.43	22.26	1740.	1.348	3.316
76	940995-2X	66070.	.7887	8.217	398.1	2.901	-2.326
77	ICSA3	497700.	.1805	-1.460	.5357	-.1447	-2.380
78	ICSAB3	482300.	104.9	99.70	108.4	100.9	96.51
79	CCV8	129100.	1047.	5183.	10310.	1036.	2580.
80	CCB8	3.946	.5181	4.009	-.2708	.1682	-.1676

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	HSA	248500.	10100.	5039.	25940.	201400.	263000.
2	ICV/CCV1	128300.	5115.	2553.	12780.	102200.	128100.

3	ICB/CCB1	-7.633	.0555	-.0848	1.191	-6.679	15.78
4	ICSA1	477400.	2.664	-.2587	2.759	202000.	538200.
5	ICSAB1	462900.	99.50	95.27	107.5	195900.	522700.
6	INT-20	63.25	20620.	20660.	-1.986	-89.49	56.10
7	MCL	2294.	12.53	11.13	11.15	170.5	2072.
8	MCL-2	1213.	5.647	5.523	6.277	85.32	1056.
9	PBW080808	4.010	-.0387	.0712	1.303	5.676	19.31
10	LCSW	21350.	210.5	525.4	255.9	1069.	20440.
11	940364D	75690.	-.1804	-.1403	1.350	23510.	26740.
12	940364	74050.	.0830	-.0171	1.591	22990.	26190.
13	940364L	14770.	.1721	-.4162	-.6862	4562.	5083.
14	CCV2	127400.	5078.	2524.	12640.	101600.	126800.
15	CCB2	16.74	.1998	-.2083	.9682	.5081	15.67
16	940364MS	95520.	208.0	520.0	259.1	24170.	47430.
17	940364A	93180.	206.4	514.2	256.6	23480.	46460.
18	940360	100900.	.4838	-1.124	4.025	H269600.	108600.
19	940361	71510.	6.100	128.2	5.388	100500.	55470.
20	940362	40030.	3.528	2.469	5.448	33550.	22860.
21	940363	42880.	3.296	3.143	3.953	36490.	24310.
22	940365	29380.	4.886	17.34	7.608	62490.	26400.
23	940366	39470.	1.848	2.440	3.604	26150.	32000.

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
24	940367	4.102	.2904	-.7120	2.023	-8.742	17.90
25	940368	70530.	3.048	.5268	3.773	1269.	43270.
26	CCV3	128400.	5115.	2546.	12730.	102300.	127700.
27	CCB3	-8.205	.0114	-.3619	.6105	-4.126	16.58
28	940369	42950.	8.761	4.716	6.864	10990.	12150.
29	940390	122300.	6.851	.3400	9.255	2657.	25720.
30	940815	76790.	-.0003	-.6225	1.843	772.3	21670.
31	939544D	110700.	.2638	2.411	1.491	17360.	16120.
32	939544	114500.	.2962	2.237	1.471	17910.	16620.
33	939544L	22960.	.0398	.1322	-.8043	3555.	3224.
34	939544MS	132300.	206.5	520.7	258.2	18570.	36990.
35	939544A	132200.	206.1	519.3	257.8	18540.	37000.
36	939545	27350.	.3311	-.8177	.8607	-.0048	6248.
37	939546	15510.	.4518	2.854	.7324	8788.	6346.
38	CCV4	128700.	5126.	2556.	12720.	102300.	127700.
39	CCB4	-8.677	.0872	-.6671	.3705	-11.28	16.20
40	939547	15820.	-.0578	2.707	-.8043	9126.	6486.
41	ICSA2	481200.	.8389	-.7703	2.909	203300.	543900.
42	ICSAB2	464100.	99.20	95.34	106.4	195600.	520400.
43	CCV5	129300.	5156.	2574.	12840.	102800.	128800.
44	CCB5	-7.871	-.0955	-.4049	.8532	-8.840	15.61
45	BSS080808	21310.	210.2	522.6	256.9	1084.	20200.
46	PBS080808	1.673	.4260	-1.155	.5037	-4.676	18.63
47	LCSSD058-2X	46020.	1056.	647.0	732.5	88870.	22210.
48	LCSSD058-D-2X	45370.	1054.	639.4	721.0	89550.	21700.
49	940987D-2X	5710.	62.22	24.82	99.80	61530.	11420.
50	940987 -2X	6497.	52.96	23.03	102.8	58820.	11540.
51	940987L-2X	1311.	10.92	4.538	21.03	11900.	2341.
52	940987MS-2X	15620.	154.8	265.9	238.9	64910.	21670.
53	940987A-2X	27390.	258.1	537.5	355.9	59600.	31730.
54	940677-2X	9998.	412.7	19.74	468.2	105400.	7864.
55	CCV6	128900.	5147.	2571.	12820.	102700.	128600.
56	CCB6	-7.528	-.0646	-.1697	.4970	-12.49	14.32
57	940678-2X	7877.	638.9	20.04	918.8	77630.	9104.
58	940679-2X	7758.	739.1	16.35	759.1	80210.	6370.
59	940512-2X	2202.	21.91	19.32	82.42	162000.	443.0
60	940513-2X	3063.	23.13	18.51	143.0	47390.	902.1

61	940664-2X	9447.	157.5	92.78	28.09	159300.	46270.
62	940665-2X	11790.	173.6	66.15	119.8	158400.	29790.
63	940676	21.94	-.3674	.4228	.9146	.6192	16.61
64	940982-2X	17670.	88.31	50.69	830.0	H206000.	11030.
65	940983-2X	11800.	180.3	47.77	125.6	102700.	26080.
66	940986-2X	21550.	69.06	54.87	214.2	105300.	20730.
67	CCV7	128200.	5120.	2563.	12790.	102200.	128400.
68	CCB7	-7.553	-.0952	-.0529	.1434	-9.403	17.37
69	940988-2X	29050.	63.97	49.63	434.6	133800.	14500.
70	940989-2X	8929.	158.2	43.45	119.7	99810.	24530.
71	940990-2X	16040.	42.76	42.83	196.1	157100.	4488.
72	940991-2X	78390.	320.7	29.65	376.1	72280.	16840.
73	940992-2X	56470.	64.88	39.19	658.9	184100.	8850.
74	940993-2X	29800.	57.40	24.24	619.4	99120.	7222.
75	940994-2X	116400.	474.4	27.45	648.1	100800.	18540.
76	940995-2X	15880.	502.5	80.86	225.7	155900.	48190.
77	ICSA3	480700.	1.012	-1.145	2.517	203500.	542600.

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
78	ICSAB3	466800.	99.95	96.41	108.0	196900.	523300.
79	CCV8	130100.	5162.	2583.	12810.	103500.	129300.
80	CCB8	-4.135	-.1581	.0642	1.328	3.595	17.38

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	HSA	9965.	5004.	101600.	2621.	20200.	10280.
2	ICV/CCV1	5103.	2552.	51330.	1280.	10210.	5119.
3	ICB/CCB1	-.0505	-.2899	-1.976	.8236	-1.198	1.154
4	ICSA1	1.706	-1.905	50.78	.0689	H6.003	-8.463
5	ICSAB1	99.66	94.62	11630.	102.5	105.1	97.04
6	INT-20	19380.	1.745	42.35	-1.398	1.494	-5.349
7	MCL	11.70	11.36	5617.	10.76	9.608	9.995
8	MCL-2	5.789	6.384	2823.	5.770	3.547	7.568
9	PBW080808	.0308	-.4077	-12.95	.4037	-1.290	-.9231
10	LCSW	533.8	526.5	21430.	51.71	525.5	2099.
11	940364D	959.9	.3761	19430.	.5773	4.204	.6495
12	940364	939.3	.3277	19030.	.6911	2.264	-.5860
13	940364L	186.7	-.2157	3677.	.2283	.2859	-.2676
14	CCV2	5051.	2537.	50920.	1268.	10170.	5129.
15	CCB2	.0336	-.3396	11.84	.7339	-1.774	-2.211
16	940364MS	1467.	519.1	40260.	52.14	531.4	2166.
17	940364A	1436.	515.9	39540.	51.28	526.9	2149.
18	940360	H21890.	-1.625	5074.	-.0742	54.10	-4.284
19	940361	968.3	7.209	4903.	.6753	20.60	.7058
20	940362	604.3	3.421	6203.	7.207	7.151	-2.066
21	940363	640.0	4.309	6654.	6.333	7.789	-1.536
22	940365	2382.	3.807	3442.	1.304	13.29	-.7708
23	940366	1400.	.9798	5290.	.9273	4.184	.0219
24	940367	.0330	-.2785	.7908	.3140	.7579	.0918
25	940368	14.68	2.256	9781.	1.623	-1.242	1.903
26	CCV3	5094.	2559.	51220.	1277.	10240.	5141.
27	CCB3	-.0496	-.1276	-5.163	.7791	-.9819	.8565
28	940369	545.5	4.740	6642.	2.269	5.390	-2.687
29	940390	64.30	5.113	25480.	.5410	23.54	-1.263
30	940815	29.87	.5173	10320.	.3246	-.2161	-.1860
31	939544D	2353.	-.4403	13890.	.3504	3.370	1.415
32	939544	2432.	-.2145	14270.	.4200	2.583	-3.605
33	939544L	483.7	-.0352	2821.	.3027	-.4595	-.4991
34	939544MS	2895.	515.9	34800.	51.49	523.7	2112.

35	939544A	2888.	518.9	34750.	51.44	525.9	2129.
36	939545	.2791	-.3226	11070.	.6748	.3809	-1.071
37	939546	1043.	.1798	7234.	.4116	1.114	.2852
38	CCV4	5115.	2561.	51110.	1275.	10250.	5140.
39	CCB4	-.0914	-.2924	-18.26	.0739	-1.946	-1.378
40	939547	1088.	.0497	7373.	.4761	1.684	2.042
41	ICSA2	.5489	-2.745	44.07	.3434	4.507	L-10.81
42	ICSAB2	99.55	94.36	11670.	103.2	105.8	95.26
43	CCV5	5152.	2573.	51440.	1284.	10290.	5135.
44	CCB5	-.1729	-.2014	11.63	.5061	-1.424	.3821
45	BSS080808	533.7	523.2	20940.	50.39	525.6	2072.
46	PBS080808	.0771	-.9620	-11.53	.4931	.7333	.1972
47	LCSSD058-2X	2553.	581.5	24970.	393.6	842.5	456.1

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
48	LCSSD058-D-2X	2488.	581.5	24470.	381.5	822.6	452.2
49	940987D-2X	3780.	39.46	1483.	.1038	21.72	.1700
50	940987 -2X	3050.	41.97	1625.	-.0452	20.28	-.2091
51	940987L-2X	623.4	7.946	326.2	.4305	2.472	-.5214
52	940987MS-2X	3969.	282.1	11020.	23.21	262.9	947.9
53	940987A-2X	3559.	554.3	22440.	49.92	536.3	2047.
54	940677-2X	1279.	135.6	3288.	5.027	895.5	.6572
55	CCV6	5146.	2560.	51540.	1284.	10290.	5145.
56	CCB6	-.2142	-.2179	-7.209	.4326	-1.669	.3631
57	940678-2X	752.1	151.6	3627.	15.54	1011.	2.575
58	940679-2X	644.4	144.5	2467.	6.553	821.3	-1.633
59	940512-2X	3790.	24.72	558.3	.5493	35.78	.2428
60	940513-2X	H23690.	43.23	1155.	.5907	15.12	.9232
61	940664-2X	3078.	190.0	21620.	-.2769	120.9	-2.133
62	940665-2X	3475.	196.9	10380.	3.782	245.1	-1.915
63	940676	.3853	.3911	-18.91	.6348	-1.499	-.8129
64	940982-2X	1729.	99.07	2375.	.7823	874.1	4.141
65	940983-2X	1779.	95.78	3124.	.2486	33.83	-1.507
66	940986-2X	1963.	90.48	3039.	.3994	300.6	-.6589
67	CCV7	5131.	2550.	51470.	1280.	10250.	5128.
68	CCB7	-.0900	-.0587	13.15	.3571	-1.555	-.2807
69	940988-2X	3089.	132.9	2572.	.8661	696.5	-.2973
70	940989-2X	2164.	86.32	2349.	.0273	38.47	-1.761
71	940990-2X	5063.	67.72	1824.	.7796	426.4	3.426
72	940991-2X	1058.	289.9	5289.	1.154	4029.	.2698
73	940992-2X	1536.	71.06	2280.	.4887	1437.	4.882
74	940993-2X	1483.	56.71	1870.	.6126	1660.	3.612
75	940994-2X	1319.	282.2	2526.	.8381	2011.	1.671
76	940995-2X	2870.	149.5	4545.	-.1605	46.70	-4.690
77	ICSA3	.4989	-1.976	47.67	.0793	H7.339	-9.504
78	ICSAB3	100.9	94.85	11620.	103.6	105.0	96.89
79	CCV8	5170.	2583.	51520.	1288.	10390.	5285.
80	CCB8	-.0900	-.6847	45.21	.4892	-.7009	1.744

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	HSA	254600.	10080.	5099.	5004.	2072.	5096.
2	ICV/CCV1	129300.	5124.	2566.	2549.	1027.	2549.
3	ICB/CCB1	124.8	1.096	.2777	-.2680	2.406	1.033
4	ICSA1	149.3	-.8405	1.330	1.471	3.948	1.988
5	ICSAB1	10720.	89.96	98.02	99.53	101.7	100.6
6	INT-20	124.9	-1.561	20190.	5575.	9945.	9776.
7	MCL	5511.	11.86	11.86	20.32	62.93	117.9
8	MCL-2	2928.	4.402	5.774	17.52	27.26	57.56

9	PBW080808	164.4	-1.701	.1796	2.350	.1177	.5195
10	LCSW	21070.	2148.	534.7	519.2	511.9	517.9
11	940364D	206600.	3.060	.7069	1.191	41.34	-.2155
12	940364	203000.	-1.842	.5928	1.588	40.04	-.3677
13	940364L	40950.	1.117	.2751	2.106	7.132	.2992
14	CCV2	128400.	5090.	2551.	2522.	1020.	2528.
15	CCB2	167.5	2.891	.2616	1.369	1.496	.4798
16	940364MS	224200.	2153.	534.6	512.9	557.1	520.6
17	940364A	219000.	2133.	527.6	505.6	551.6	513.4

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
18	940360	97410.	-9.049	.3276	-4.579	34.17	2.312
19	940361	93210.	-4.223	10.64	11.32	158.0	2.409
20	940362	81610.	-.4151	4.436	10.43	37.08	.4017
21	940363	85940.	-2.116	5.200	10.76	39.30	.0799
22	940365	63130.	-3.678	8.840	6.394	186.4	3.257
23	940366	80270.	-2.259	2.368	3.339	34.84	.9048
24	940367	136.3	-2.042	.2031	1.389	-1.599	-.7544
25	940368	H371600.	.9871	2.947	9.541	10.26	-.2253
26	CCV3	128700.	5118.	2562.	2545.	1028.	2550.
27	CCB3	144.1	.6413	.2514	-.2364	1.225	.1696
28	940369	107000.	1.721	15.26	17.11	74.85	1.242
29	940390	201600.	-1.980	5.742	53.56	735.4	9.783
30	940815	117500.	-1.552	.4661	23.29	165.3	.1635
31	939544D	85420.	-2.723	.3759	38.56	312.2	3.398
32	939544	87620.	-1.775	.4399	41.19	333.2	3.658
33	939544L	17340.	-2.095	.3429	11.16	65.59	.4300
34	939544MS	107000.	2114.	523.6	544.5	849.4	519.3
35	939544A	106800.	2121.	527.0	544.0	841.7	519.1
36	939545	43450.	-2.638	.3439	1.786	178.0	1.766
37	939546	7522.	-.6678	.2190	2.191	90.41	1.056
38	CCV4	128300.	5115.	2564.	2558.	1026.	2554.
39	CCB4	151.8	.2880	.1824	-.2648	.2510	.5446
40	939547	7710.	-1.940	.2111	2.646	94.86	.6868
41	ICSA2	97.64	L-10.13	-1.153	3.203	.4852	.4465
42	ICSAB2	10890.	90.19	97.86	106.7	101.4	98.52
43	CCV5	129400.	5131.	2575.	2578.	1034.	2570.
44	CCB5	96.41	-.5901	.2919	-.2064	.7807	.4765
45	BSS080808	20900.	2137.	533.2	514.3	518.4	521.7
46	PBS080808	279.4	-.9477	.3436	.6756	15.60	1.594
47	LCSSD058-2X	3945.	779.2	591.1	1341.	603.6	531.4
48	LCSSD058-D-2X	3912.	754.0	592.4	1309.	594.8	531.7
49	940987D-2X	1535.	-2.325	107.4	71.04	16.62	2.031
50	940987 -2X	1609.	-4.802	103.6	65.78	17.26	2.470
51	940987L-2X	482.7	-3.735	20.68	13.56	3.767	.6882
52	940987MS-2X	11040.	965.3	350.5	306.4	240.1	233.7
53	940987A-2X	22110.	2085.	621.0	568.2	517.6	508.0
54	940677-2X	591.5	-3.411	323.0	1368.	49.68	6.572
55	CCV6	129500.	5115.	2572.	2570.	1027.	2571.
56	CCB6	107.9	1.541	.0803	-.1557	1.263	.2984
57	940678-2X	576.9	-1.562	303.3	1403.	38.28	6.109
58	940679-2X	474.6	-6.801	325.7	1657.	36.02	6.945
59	940512-2X	345.5	-6.139	26.01	124.1	16.95	2.575
60	940513-2X	503.2	-3.939	32.61	116.8	31.43	4.363
61	940664-2X	1848.	-8.371	159.4	437.5	99.46	4.448
62	940665-2X	963.5	-5.204	166.4	584.4	64.24	5.556
63	940676	167.6	-1.453	.0389	.8507	44.62	-.8189
64	940982-2X	2042.	-6.959	172.9	444.7	28.16	12.06
65	940983-2X	1703.	-6.011	186.3	265.5	15.68	1.188
66	940986-2X	2368.	-4.512	134.6	211.1	56.72	6.257

67	CCV7	129800.	5116.	2562.	2561.	1025.	2559.
68	CCB7	113.4	.5925	.1781	-.2832	.6333	1.155
69	940988-2X	2910.	-6.007	177.0	269.0	24.61	5.923
70	940989-2X	2065.	-3.893	170.9	146.3	17.58	1.253
71	940990-2X	950.0	-4.406	97.80	142.7	24.45	6.864

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
72	940991-2X	783.8	.0131	2219.	1027.	27.81	5.573
73	940992-2X	721.0	-6.662	97.69	2440.	24.34	7.077
74	940993-2X	1021.	-4.230	56.46	1069.	27.09	2.750
75	940994-2X	1048.	-3.814	1711.	H11750.	28.97	6.047
76	940995-2X	2784.	-7.356	303.8	274.6	22.15	43.61
77	ICSA3	141.9	L-12.10	.3942	4.534	2.550	.2565
78	ICSAB3	11110.	93.82	101.5	102.6	110.5	103.4
79	CCV8	130800.	5182.	2612.	2576.	1038.	2581.
80	CCB8	62.86	-1.498	.0313	.1002	.9288	1.116

#	Sample Name	Sn1899	Ti3349	*Y
1	HSA	2026.	20220.	931.495
2	ICV/CCV1	1020.	10280.	964.86
3	ICB/CCB1	1.767	.1948	996.06
4	ICSA1	3.996	-10.58	918.411
5	ICSAB1	92.51	90.61	918.158
6	INT-20	15.81	19740.	989.196
7	MCL	102.1	117.3	987.851
8	MCL-2	51.24	58.46	990.503
9	PBW080808	1.098	.1285	998.478
10	LCSW	512.6	529.2	997.269
11	940364D	3.154	4.448	976.365
12	940364	2.695	4.712	976.072
13	940364L	1.629	.9779	989.762
14	CCV2	1006.	10200.	964.236
15	CCB2	2.425	.1015	989.391
16	940364MS	514.4	532.9	967.493
17	940364A	510.3	526.8	972.114
18	940360	8.171	-.1697	968.117
19	940361	6.594	98.99	981.494
20	940362	1.944	46.68	1027.71
21	940363	5.179	54.56	982.761
22	940365	3.285	56.60	986.583
23	940366	.9701	17.57	981.825
24	940367	2.513	-.1451	992.082
25	940368	.0424	16.90	970.301
26	CCV3	1020.	10270.	957.099
27	CCB3	-.0929	.1025	991.419
28	940369	3.710	94.50	990.756
29	940390	3.645	61.22	964.451
30	940815	2.637	-.9412	971.685
31	939544D	.4405	-.8871	967.649
32	939544	1.905	-.8175	976.014
33	939544L	3.618	-.2593	982.586
34	939544MS	505.9	522.8	969.189
35	939544A	515.0	522.4	968.565
36	939545	2.504	-.3624	982.488
37	939546	1.863	-.2435	991.575
38	CCV4	1021.	10260.	957.119
39	CCB4	.4707	-.0532	994.929
40	939547	1.882	-.2498	986.641

41	ICSA2	2.121	-12.12	912.756

#	Sample Name	Sn1899	Ti3349	*Y			
42	ICSAB2	88.78	89.99	912.542			
43	CCV5	1029.	10320.	958.581			
44	CCB5	1.221	.1229	986.719			
45	BSS080808	520.1	527.3	979.349			
46	PBS080808	13.44	-.1076	982.254			
47	LCSSD058-2X	521.4	1751.	1019.71			
48	LCSSD058-D-2X	511.1	1746.	1023.07			
49	940987D-2X	5.478	1336.	1005.01			
50	940987 -2X	6.678	1538.	1005.97			
51	940987L-2X	2.361	311.0	990.249			
52	940987MS-2X	227.9	1661.	1007.29			
53	940987A-2X	510.3	2054.	999.336			
54	940677-2X	183.5	755.4	1011.39			
55	CCV6	1031.	10280.	954.291			
56	CCB6	2.134	-.1712	987.909			
57	940678-2X	192.5	817.6	1008.11			
58	940679-2X	138.9	653.2	1011.27			
59	940512-2X	8.348	70.81	994.305			
60	940513-2X	4.236	132.4	993.817			
61	940664-2X	13.44	2899.	1059.75			
62	940665-2X	15.58	1437.	1008.01			
63	940676	1.286	.3366	1020.08			
64	940982-2X	73.24	1524.	1007.6			
65	940983-2X	9.683	1681.	1018.93			
66	940986-2X	32.86	1942.	1011.06			
67	CCV7	1031.	10220.	960.921			
68	CCB7	-1.268	.0092	986.388			
69	940988-2X	82.97	3554.	1011.89			
70	940989-2X	6.304	2529.	1010.9			
71	940990-2X	32.07	1277.	1000.84			
72	940991-2X	73.88	1789.	996.84			
73	940992-2X	269.6	870.4	1006.02			
74	940993-2X	184.6	543.9	997.113			
75	940994-2X	133.6	883.0	990.893			
76	940995-2X	8.301	1713.	1018.8			
77	ICSA3	1.890	-12.31	915.115			
78	ICSAB3	99.48	90.47	908.135			
79	CCV8	1051.	10270.	960.063			
80	CCB8	-.5950	.0547	986.661			

Method: SW846 Standard: T2CAL-BLK
Run Time: 08/10/08 23:31:28

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	.7850	-.0269	-.1193	.0000	-.1143	-.0339	.1310

SDev	.0041	.0021	.1187	.0000	.0014	.0114	.0006
%RSD	.5236	7.665	99.47	.0000	1.227	33.45	.4796
#1	.7879	-.0254	-.2032	.0000	-.1133	-.0259	.1306
#2	.7821	-.0283	-.0354	.0000	-.1153	-.0420	.1314
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0071	-.0051	.0056	-.0076	-.0284	.0010	-.0375
SDev	.0007	.0036	.0007	.0079	.0015	.0000	.0113
%RSD	10.44	70.45	12.52	103.6	5.391	.3410	30.25
#1	.0076	-.0025	.0051	-.0020	-.0295	.0010	-.0295
#2	.0066	-.0076	.0061	-.0131	-.0273	.0010	-.0455
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	11.47	-.1057	.0203	-.0659	.0019	.0177	.0973
SDev	.05	.0036	.0130	.0012	.0013	.0001	.0018
%RSD	.4722	3.390	63.91	1.835	66.08	.3410	1.814
#1	11.51	-.1031	.0295	-.0650	.0028	.0178	.0985
#2	11.44	-.1082	.0111	-.0667	.0010	.0177	.0961
Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.1042	.0238	-.0172	.3091	.0360	-.2538	.1394
SDev	.0065	.0175	.0015	.0219	.0035	.0371	.0270
%RSD	6.190	73.75	8.659	7.079	9.620	14.62	19.36
#1	.1087	.0362	-.0183	.2936	.0335	-.2276	.1585
#2	.0996	.0114	-.0162	.3246	.0384	-.2801	.1203

Method: SW846 Standard: T2CAL1
Run Time: 08/10/08 23:37:23

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	51.72	4.357	31.30	17.19	9.646	58.45	64.27
SDev	.07	.023	.18	.05	.019	.28	.34
%RSD	.1431	.5252	.5742	.3031	.1977	.4839	.5338
#1	51.67	4.341	31.43	17.23	9.633	58.25	64.02
#2	51.78	4.373	31.17	17.15	9.660	58.65	64.51
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	16.36	3.303	10.46	19.77	27.61	12.48	13.55
SDev	.10	.019	.00	.06	.06	.09	.07
%RSD	.6366	.5750	.0267	.3103	.2007	.7510	.5064

#1	16.28	3.290	10.46	19.72	27.57	12.41	13.50
#2	16.43	3.316	10.46	19.81	27.65	12.54	13.60
Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.669	15.01	3.294	4.687	2.098	33.30	3.573
SDev	.007	.02	.025	.038	.010	.21	.057
%RSD	.1980	.1329	.7500	.8119	.4747	.6262	1.599
#1	3.664	15.00	3.277	4.660	2.091	33.15	3.533
#2	3.674	15.03	3.312	4.714	2.105	33.45	3.614
Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	45.05	69.04	76.73	11.97	11.88		
SDev	.09	.40	.14	.02	.10		
%RSD	.1962	.5836	.1805	.1731	.8442		

#1	44.98	68.75	76.63	11.99	11.95
#2	45.11	69.32	76.83	11.96	11.81

Method: SW846 Standard: T2CAL2
Run Time: 08/10/08 23:43:19

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	260.4	22.30	158.4	84.96	47.98	284.6	315.1
SDev	.4	.02	.2	.02	.01	.1	.2
%RSD	.1392	.1006	.1407	.0219	.0145	.0372	.0609
#1	260.1	22.32	158.3	84.95	47.97	284.5	315.0
#2	260.6	22.29	158.6	84.97	47.98	284.7	315.3

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	80.66	16.29	53.40	97.71	144.0	61.12	66.60
SDev	.16	.03	.13	.05	.3	.17	.13
%RSD	.1990	.1998	.2450	.0508	.1840	.2790	.1973
#1	80.55	16.27	53.31	97.68	143.8	61.00	66.51
#2	80.78	16.31	53.49	97.75	144.2	61.24	66.69

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	19.33	75.39	16.45	22.68	10.31	166.1	17.69
SDev	.02	.35	.09	.04	.02	.5	.11
%RSD	.0944	.4615	.5478	.1922	.1561	.3261	.6436
#1	19.31	75.14	16.39	22.65	10.30	165.7	17.61
#2	19.34	75.63	16.52	22.71	10.32	166.5	17.77

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	223.2	341.5	379.7	61.45	60.09
SDev	.3	.1	.4	.06	.41
%RSD	.1554	.0229	.1086	.1020	.6833
#1	223.0	341.4	379.4	61.40	60.38
#2	223.5	341.5	380.0	61.49	59.80

Method: SW846 Standard: T2CAL3
Run Time: 08/10/08 23:49:15

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	524.9	44.74	315.3	166.4	94.66	555.9	612.8
SDev	.8	.36	1.2	.3	.17	.2	.2
%RSD	.1612	.8038	.3649	.1880	.1833	.0419	.0330
#1	524.3	45.00	316.2	166.6	94.79	556.1	612.9
#2	525.5	44.49	314.5	166.2	94.54	555.8	612.7

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	160.4	32.37	109.5	193.2	297.9	120.2	130.8
SDev	.3	.05	.3	.2	.4	.5	.0
%RSD	.1664	.1685	.2691	.0954	.1231	.4032	.0191
#1	160.2	32.33	109.2	193.3	297.6	119.8	130.8
#2	160.6	32.41	109.7	193.0	298.1	120.5	130.8

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	619.2	39.97	149.7	148.2	33.00	44.71	20.84
SDev	.9	.01	.2	.2	.15	.13	.06
%RSD	.1374	.0362	.1254	.1194	.4522	.2962	.3009

#1	619.8	39.96	149.8	148.4	32.90	44.62	20.80
#2	618.6	39.98	149.5	148.1	33.11	44.81	20.89
Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	331.8	35.58	443.4	672.9	755.8	123.6	120.1
SDev	.3	.33	.5	1.7	2.1	.3	1.1
%RSD	.1021	.9164	.1139	.2477	.2731	.2411	.9489
#1	331.6	35.35	443.1	674.1	757.3	123.8	120.9
#2	332.1	35.81	443.8	671.7	754.3	123.4	119.3

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	483.275	-375.897	08/10/08 11:49:15
Sb2068	206.838	Multiple	Standards	46.2696	1.26566	08/10/08 11:49:15
As1890	189.042	Multiple	Standards	31.7002	3.81623	08/10/08 11:49:15
Ba4934	493.409	Multiple	Standards	118.065	-.270769	08/10/08 11:49:15
Be3130	313.042	Multiple	Standards	20.7501	2.34484	08/10/08 11:49:15
Cd2265	226.502	Multiple	Standards	8.80126	.182732	08/10/08 11:49:15
Ca3179	317.933	Multiple	Standards	398.122	-56.9949	08/10/08 11:49:15
Cr2677	267.716	Multiple	Standards	61.8181	-.534098	08/10/08 11:49:15
Co2286	228.616	Multiple	Standards	154.190	.726625	08/10/08 11:49:15
Cu3247	324.754	Multiple	Standards	233.770	-.804289	08/10/08 11:49:15
Fe2714	271.441	Multiple	Standards	1026.00	5.68061	08/10/08 11:49:15
Mg3832	383.231	Multiple	Standards	869.612	33.2404	08/10/08 11:49:15
Mn2576	257.610	Multiple	Standards	81.7516	-.255384	08/10/08 11:49:15
Ni2316	231.604	Multiple	Standards	37.4650	1.31823	08/10/08 11:49:15
K_7664	766.491	T2CAL3	T2CAL-BLK	.962895	.724223	08/10/08 11:49:15
Ag3280	328.068	Multiple	Standards	64.2720	6.85684	08/10/08 11:49:15
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	.974576	.025532	08/10/08 11:49:15
Tl1908	190.864	Multiple	Standards	66.6529	4.33743	08/10/08 11:49:15
V_2924	292.402	Multiple	Standards	151.987	-.285309	08/10/08 11:49:15
Zn2062	206.200	Multiple	Standards	101.831	-1.90605	08/10/08 11:49:15
B_2496	249.678	Multiple	Standards	98.0782	-9.50935	08/10/08 11:49:15
Mo2020	202.030	Multiple	Standards	15.0435	-1.56797	08/10/08 11:49:15
Sn1899	189.989	Multiple	Standards	53.3055	-1.26923	08/10/08 11:49:15
Ti3349	334.941	Multiple	Standards	44.7728	.622173	08/10/08 11:49:15
2203/1	220.351	Multiple	Standards	29.6026	-9.32812	08/10/08 11:49:15
2203/2	220.352	Multiple	Standards	26.2047	-1.08661	08/10/08 11:49:15
1960/1	196.021	Multiple	Standards	81.1610	20.6652	08/10/08 11:49:15
1960/2	196.022	Multiple	Standards	83.3829	-11.5066	08/10/08 11:49:15

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	3.46314	-3.46314
		T2CAL1	25000.0	24620.8	379.199
		T2CAL2	125000.	125463.	-463.047
		T2CAL3	250000.	253295.	-3294.80

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	.023099	-.023099

T2CAL1	200.000	202.854	-2.85371
T2CAL2	1000.00	1033.14	-33.1387

		T2CAL3	2000.00	2071.42	-71.4153

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	.034689	-.034689
		T2CAL1	1000.00	996.025	3.97516
		T2CAL2	5000.00	5025.99	-25.9883
		T2CAL3	10000.0	10000.1	-.105469

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.270769	.270769
		T2CAL1	2000.00	2029.40	-29.4047
		T2CAL2	10000.0	10030.6	-30.6357
		T2CAL3	20000.0	19644.7	355.318

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.026314	.026314
		T2CAL1	200.000	202.501	-2.50143
		T2CAL2	1000.00	997.831	2.16852
		T2CAL3	2000.00	1966.62	33.3821

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.115926	.115926
		T2CAL1	500.000	514.576	-14.5759
		T2CAL2	2500.00	2504.94	-4.93848
		T2CAL3	5000.00	4893.10	106.902

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-4.84240	4.84240
		T2CAL1	25000.0	25529.2	-529.211
		T2CAL2	125000.	125398.	-397.555
		T2CAL3	250000.	243913.	6087.20

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.095443	.095443
		T2CAL1	1000.00	1010.58	-10.5822
		T2CAL2	5000.00	4985.89	14.1094
		T2CAL3	10000.0	9913.32	86.6797

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.053811	.053811
		T2CAL1	500.000	510.026	-10.0263
		T2CAL2	2500.00	2512.20	-12.1990
		T2CAL3	5000.00	4991.93	8.06543

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	.498553	-.498553

		T2CAL1	2500.00	2445.00	55.0007
		T2CAL2	12500.0	12482.3	17.7275
		T2CAL3	25000.0	25585.5	-585.463

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Fe2714	271.441	T2CAL-BLK	.000000	-2.10466	2.10466
		T2CAL1	20000.0	20285.5	-285.535
		T2CAL2	100000.	100258.	-258.320
		T2CAL3	200000.	198179.	1821.47

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	8.55979	-8.55979
		T2CAL1	25000.0	24043.4	956.637
		T2CAL2	125000.	125250.	-249.672
		T2CAL3	250000.	259067.	-9067.00

CorCoef: 0.99985

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.172526	.172526
		T2CAL1	1000.00	1019.83	-19.8346
		T2CAL2	5000.00	4996.32	3.67529
		T2CAL3	10000.0	9824.75	175.245

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.085989	.085989
		T2CAL1	500.000	509.050	-9.05008
		T2CAL2	2500.00	2496.44	3.55713
		T2CAL3	5000.00	4900.86	99.1362

CorCoef: 0.99995

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	11.7721	11.4736	.298498
		T2CAL3	596.937	619.187	-22.2505

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.066302	-.066302
		T2CAL1	250.000	242.685	7.31480
		T2CAL2	1250.00	1249.01	.993896
		T2CAL3	2500.00	2575.95	-75.9458

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Signal	Signal	Signal
Na3302	330.232	T2CAL-BLK	.045309	.020292	.025017
		T2CAL3	145.892	149.672	-3.77966

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK	.000000	-.053446	.053446
		T2CAL1	1000.00	1005.10	-5.10077
		T2CAL2	5000.00	5029.20	-29.1968
		T2CAL3	10000.0	9885.50	114.502

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	.003133	-.003133
		T2CAL1	500.000	500.406	-.406433
		T2CAL2	2500.00	2500.57	-.573242
		T2CAL3	5000.00	5015.50	-15.5049
CorCoef: 1.00000					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK	.000000	-.099916	.099916
		T2CAL1	500.000	475.410	24.5903
		T2CAL2	2500.00	2307.90	192.103
		T2CAL3	5000.00	4551.16	448.840
CorCoef: 0.99997					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T2CAL-BLK	.000000	.033737	-.033737
		T2CAL1	200.000	196.250	3.74962
		T2CAL2	1000.00	1001.97	-1.96985
		T2CAL3	2000.00	2034.71	-34.7113
CorCoef: 0.99997					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK	.000000	-.001189	.001189
		T2CAL1	500.000	499.369	.630920
		T2CAL2	2500.00	2496.69	3.31348
		T2CAL3	5000.00	4990.35	9.65283
CorCoef: 1.00000					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	-.001031	.001031
		T2CAL1	200.000	189.212	10.7883
		T2CAL2	1000.00	941.630	58.3699
		T2CAL3	2000.00	1895.22	104.777
CorCoef: 0.99999					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.149368	.149368
		T2CAL1	2000.00	2017.48	-17.4834
		T2CAL2	10000.0	9995.89	4.11426
		T2CAL3	20000.0	19854.9	145.125
CorCoef: 0.99999					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	-.178375	.178375
		T2CAL1	2000.00	2034.31	-34.3076

		T2CAL2	10000.0	10098.9	-98.9385
		T2CAL3	20000.0	19909.6	90.4121
CorCoef: 0.99997					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	-.143923	.143923
		T2CAL1	2000.00	2009.62	-9.61670
		T2CAL2	10000.0	9947.88	52.1182
		T2CAL3	20000.0	19804.7	195.318
CorCoef: 1.00000					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK	.000000	.064685	-.064685
		T2CAL1	1000.00	992.320	7.67999

	T2CAL2	5000.00	5007.66	-7.66260
	T2CAL3	10000.0	10052.8	-52.7686

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	.117377	-.117377
		T2CAL1	1000.00	979.355	20.6450
		T2CAL2	5000.00	4998.94	1.06055
		T2CAL3	10000.0	10002.7	-2.65137

CorCoef: 1.00000

Method: SW846 Sample Name: HSA Operator:
Run Time: 08/10/08 23:55:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	256600.	2059.	10190.	19930.	2008.	4967.	248500.
SDev	114.	7.	30.	3.	6.	23.	1049.
%RSD	.0446	.3637	.2950	.0136	.3152	.4559	.4222
#1	256600.	2064.	10170.	19930.	2003.	4951.	247800.
#2	256700.	2054.	10210.	19930.	2012.	4983.	249300.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10100.	5039.	25940.	201400.	263000.	9965.	5004.
SDev	52.	25.	39.	567.	413.	59.	14.
%RSD	.5112	.4947	.1498	.2817	.1571	.5892	.2818
#1	10060.	5022.	25920.	201000.	262700.	9923.	4994.
#2	10130.	5057.	25970.	201800.	263300.	10010.	5014.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	101600.	2621.	20200.	10280.	254600.	10080.	5099.
SDev	193.	5.	52.	4.	627.	54.	38.
%RSD	.1903	.2014	.2583	.0373	.2463	.5312	.7528
#1	101700.	2617.	20160.	10280.	255100.	10040.	5072.
#2	101400.	2625.	20230.	10270.	254200.	10120.	5126.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5004.	2072.	5096.	2026.	20220.	20180.	20200.
SDev	33.	3.	12.	9.	68.	75.	41.
%RSD	.6677	.1634	.2420	.4462	.3359	.3722	.2015
#1	4981.	2069.	5087.	2020.	20170.	20130.	20180.
#2	5028.	2074.	5105.	2032.	20260.	20240.	20230.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	10240.	10300.
SDev	37.	24.
%RSD	.3645	.2367
#1	10210.	10310.
#2	10260.	10280.

Method: SW846 Sample Name: ICV/CCV1 Operator:
Run Time: 08/11/08 00:01:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128100.	1023.	5108.	10220.	1022.	2551.	128300.
SDev	834.	20.	61.	106.	12.	26.	1418.
%RSD	.6507	1.910	1.203	1.033	1.199	1.018	1.106
#1	128700.	1037.	5152.	10290.	1031.	2569.	129300.
#2	127500.	1009.	5065.	10140.	1013.	2532.	127200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5115.	2553.	12780.	102200.	128100.	5103.	2552.
SDev	40.	21.	76.	1193.	857.	31.	24.
%RSD	.7907	.8039	.5915	1.167	.6687	.6133	.9438
#1	5144.	2567.	12830.	103100.	128700.	5125.	2569.
#2	5087.	2538.	12720.	101400.	127500.	5081.	2535.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51330.	1280.	10210.	5119.	129300.	5124.	2566.
SDev	468.	11.	96.	88.	1214.	51.	17.
%RSD	.9121	.8670	.9390	1.711	.9395	1.003	.6675
#1	51660.	1288.	10270.	5181.	130100.	5160.	2579.
#2	51000.	1272.	10140.	5057.	128400.	5088.	2554.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2549.	1027.	2549.	1020.	10280.	10210.	10210.
SDev	22.	11.	22.	4.	84.	75.	106.
%RSD	.8796	1.117	.8591	.3540	.8214	.7366	1.040
#1	2565.	1036.	2564.	1018.	10340.	10260.	10280.
#2	2533.	1019.	2533.	1023.	10220.	10150.	10130.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5103.	5127.
SDev	46.	108.
%RSD	.9099	2.109

Analysis Report 08/11/08 00:07:00 AM page 209

#1	5136.	5203.
#2	5070.	5050.

Method: SW846 Sample Name: ICB/CCB1 Operator:
Run Time: 08/11/08 00:07:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9630	.4328	4.676	-.2708	-.4986	.2010	-7.633
SDev	6.796	.1329	2.296	.0000	.0303	.0746	1.399
%RSD	705.7	30.72	49.10	.0000	6.074	37.10	18.34

24953V1

#1	5.768	.5267	H6.299	-.2708	-.5200	.1482	-8.622
#2	-3.842	.3388	3.053	-.2708	-.4772	.2537	-6.643

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0555	-.0848	1.191	-6.679	15.78	-.0505	-.2899
SDev	.1316	.1645	.165	4.386	4.93	.0581	.5721
%RSD	237.2	194.0	13.89	65.68	31.27	114.9	197.3

#1	-.0376	.0315	1.074	-9.781	19.27	-.0916	-.6945
#2	.1485	-.2011	1.308	-3.577	12.29	-.0095	.1146

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.976	.8236	-1.198	1.154	124.8	1.096	.2777
SDev	6.366	.0017	.578	2.074	101.7	.993	.0677
%RSD	322.1	.2026	48.22	179.7	81.51	90.57	24.38

#1	-6.477	.8225	-.7894	-.3125	52.85	1.799	.2298
#2	2.525	.8248	-1.606	2.620	196.7	.3943	.3256

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2680	2.406	1.033	1.767	.1948	-2.298	-.6531
SDev	.0042	.003	.230	3.421	.0320	.358	.6874
%RSD	1.569	.1345	22.27	193.6	16.41	15.57	105.3

#1	-.2710	2.408	1.196	-.6517	.1722	-2.045	-.1670
#2	-.2650	2.403	.8705	4.186	.2174	-2.551	-1.139

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5.957	-1.255
SDev	.053	3.136
%RSD	.8944	249.9

#1	5.995	-3.472
#2	5.920	.9628

Method: SW846 Sample Name: ICSA1 Operator:
Run Time: 08/11/08 00:13:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	494700.	1.729	-1.760	2.140	-.2763	-1.853	477400.
SDev	1600.	2.615	.452	.041	.0276	.753	2044.
%RSD	.3235	151.2	25.70	1.935	9.985	40.61	.4281

#1	493600.	3.579	-1.440	2.169	-.2958	-2.385	476000.
#2	495800.	-.1199	-2.079	2.110	-.2568	-1.321	478900.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.664	-.2587	2.759	202000.	538200.	1.706	-1.905
SDev	.342	.0035	.354	690.	2024.	.020	.379
%RSD	12.85	1.361	12.83	.3414	.3760	1.184	19.92

#1	2.422	-.2562	3.009	201500.	536700.	1.721	-2.173
#2	2.906	-.2612	2.509	202500.	539600.	1.692	-1.637

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.78	.0689	H6.003	-8.463	149.3	-.8405	1.330
SDev	9.71	.3845	.171	1.223	8.6	2.7817	.092
%RSD	19.13	558.0	2.847	14.45	5.731	331.0	6.944

#1	43.91	-.2030	H6.124	-7.598	143.2	1.126	1.265
#2	57.65	.3408	5.882	-9.328	155.3	-2.807	1.396

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.471	3.948	1.988	3.996	-10.58	14.70	1.655
SDev	.749	.431	1.282	5.730	.04	2.85	1.167
%RSD	50.90	10.93	64.50	143.4	.3798	19.39	70.48

#1	.9414	4.253	2.895	-.0561	-10.55	16.72	.8303
#2	2.000	3.643	1.081	8.048	-10.61	12.69	2.480

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.384	-13.89
SDev	1.211	1.23
%RSD	50.82	8.846

#1	3.240	-13.02
#2	1.527	-14.76

Method: SW846 Sample Name: ICSAB1 Operator:
Run Time: 08/11/08 00:18:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482700.	99.78	96.08	107.1	98.72	96.04	462900.
SDev	542.	.48	3.92	.4	.34	1.01	560.
%RSD	.1123	.4832	4.083	.3701	.3451	1.047	.1209

#1	482300.	99.44	98.86	107.4	98.96	96.75	463200.
#2	483100.	100.1	93.31	106.8	98.48	95.33	462500.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.50	95.27	107.5	195900.	522700.	99.66	94.62
SDev	.31	.27	.1	436.	478.	.35	.82
%RSD	.3139	.2809	.0877	.2224	.0914	.3533	.8638

#1	99.72	95.46	107.5	196200.	522400.	99.42	95.19
#2	99.28	95.08	107.6	195600.	523000.	99.91	94.04

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11630.	102.5	105.1	97.04	10720.	89.96	98.02
SDev	29.	.4	1.2	4.13	43.	2.45	.44
%RSD	.2510	.4323	1.121	4.254	.3995	2.728	.4492

#1	11650.	102.8	105.9	94.12	10750.	88.23	98.33
#2	11610.	102.2	104.2	99.96	10690.	91.70	97.71

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

24953V1

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.53	101.7	100.6	92.51	90.61	110.6	102.3
SDev	.43	.6	1.6	4.00	.25	2.8	.4
%RSD	.4357	.5916	1.591	4.322	.2735	2.495	.3791
#1	99.22	101.2	99.42	89.68	90.78	112.6	102.6
#2	99.83	102.1	101.7	95.33	90.43	108.7	102.0

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	100.6	95.24
SDev	9.9	1.23
%RSD	9.866	1.294
#1	93.60	94.37
#2	107.6	96.11

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 08/11/08 00:24:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.99	3.841	1.340	19810.	-4.705	-1.199	63.25
SDev	4.96	3.176	.687	81.	.808	.011	1.58
%RSD	10.55	82.67	51.29	.4106	17.18	.9101	2.491
#1	50.49	1.596	1.826	19750.	-4.133	-1.191	62.13
#2	43.48	6.087	.8540	19870.	-5.276	-1.207	64.36

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20620.	20660.	-1.986	-89.49	56.10	19380.	1.745
SDev	164.	164.	.003	9.48	.06	169.	.127
%RSD	.7944	.7932	.1460	10.59	.1000	.8716	7.294
#1	20510.	20550.	-1.984	-96.20	56.06	19260.	1.835
#2	20740.	20780.	-1.988	-82.79	56.14	19500.	1.655

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.35	-1.398	1.494	-5.349	124.9	-1.561	20190.
SDev	10.70	.069	1.261	1.226	66.2	1.624	221.
%RSD	25.27	4.968	84.40	22.91	53.01	104.0	1.096
#1	34.78	-1.349	2.386	-6.216	171.7	-2.709	20030.
#2	49.91	-1.448	.6024	-4.483	78.06	-.4129	20340.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5575.	9945.	9776.	15.81	19740.	18.24	-6.872
SDev	45.	64.	68.	2.55	128.	.39	2.087
%RSD	.8143	.6480	.6951	16.11	.6509	2.157	30.37
#1	5543.	9900.	9728.	14.01	19650.	17.96	-5.396
#2	5607.	9991.	9824.	17.61	19830.	18.52	-8.348

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.731	-10.39
SDev	.254	1.96
%RSD	5.368	18.90

#1	4.911	-11.78
#2	4.552	-9.004

Method: SW846 Sample Name: MCL Operator:
Run Time: 08/11/08 00:30:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	223.4	11.83	13.71	11.53	10.68	11.12	2294.
SDev	5.6	.14	1.02	.01	.11	.08	3.
%RSD	2.490	1.223	7.433	.0822	1.037	.7302	.1137
#1	227.4	11.73	14.43	11.54	10.76	11.18	2296.
#2	219.5	11.93	12.99	11.52	10.60	11.07	2292.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.53	11.13	11.15	170.5	2072.	11.70	11.36
SDev	.03	.05	.45	19.8	12.	.06	.22
%RSD	.2786	.4452	4.034	11.64	.5599	.5487	1.973
#1	12.56	11.16	10.83	156.5	2064.	11.66	11.20
#2	12.51	11.09	11.46	184.5	2081.	11.75	11.52

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5617.	10.76	9.608	9.995	5511.	11.86	11.86
SDev	13.	.07	.266	1.652	132.	.77	.03
%RSD	.2258	.6961	2.764	16.53	2.395	6.491	.2305
#1	5626.	10.71	9.421	11.16	5417.	11.31	11.88
#2	5608.	10.81	9.796	8.827	5604.	12.40	11.84

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.32	62.93	117.9	102.1	117.3	8.229	10.29
SDev	.01	1.58	2.6	1.0	.0	.026	.39
%RSD	.0580	2.514	2.211	1.007	.0265	.3170	3.743
#1	20.32	64.05	119.7	102.8	117.3	8.211	10.02
#2	20.33	61.81	116.0	101.3	117.3	8.248	10.56

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	10.32	9.825
SDev	4.31	.325
%RSD	41.78	3.308
#1	13.36	10.05
#2	7.268	9.595

Method: SW846 Sample Name: MCL-2 Operator:
Run Time: 08/11/08 00:36:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123.2	5.528	4.226	4.855	4.930	5.901	1213.
SDev	6.2	.378	1.944	.022	.019	.146	1.
%RSD	5.069	6.839	46.01	.4439	.3836	2.480	.0419

#1	127.6	5.261	2.851	4.870	4.916	6.005	1213.
#2	118.8	5.796	5.601	4.840	4.943	5.798	1213.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.647	5.523	6.277	85.32	1056.	5.789	6.384
SDev	.026	.199	.364	2.55	3.	.084	.180
%RSD	.4599	3.609	5.792	2.992	.2896	1.448	2.814
#1	5.665	5.382	6.534	87.12	1058.	5.848	6.257
#2	5.628	5.664	6.020	83.51	1054.	5.730	6.511

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2823.	5.770	3.547	7.568	2928.	4.402	5.774
SDev	8.	.064	.473	1.434	18.	1.668	.231
%RSD	.2960	1.114	13.34	18.95	.6052	37.89	4.009
#1	2828.	5.815	3.212	6.554	2940.	5.581	5.611
#2	2817.	5.725	3.881	8.582	2915.	3.222	5.938

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.52	27.26	57.56	51.24	58.46	5.289	2.673
SDev	.21	.27	.36	.19	.01	1.433	1.424
%RSD	1.193	.9729	.6280	.3613	.0214	27.09	53.30
#1	17.37	27.07	57.81	51.11	58.45	6.302	1.665
#2	17.67	27.44	57.30	51.38	58.47	4.276	3.680

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	9.707	6.489
SDev	2.098	3.198
%RSD	21.61	49.27
#1	11.19	4.228
#2	8.223	8.750

Method: SW846 Sample Name: PBW080808 Operator:
Run Time: 08/11/08 00:42:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.170	1.431	.2763	-.2708	-.2060	.0721	4.010
SDev	4.761	1.411	.1526	.0000	.0106	.0131	1.050
%RSD	114.2	98.66	55.22	.0000	5.158	18.11	26.19
#1	7.537	2.429	.3842	-.2708	-.2135	.0628	3.267
#2	.8038	.4326	.1684	-.2708	-.1985	.0813	4.753

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0387	.0712	1.303	5.676	19.31	.0308	-.4077
SDev	.0445	.2734	.334	5.790	.02	.0583	.0247
%RSD	114.9	384.0	25.62	102.0	.0917	189.1	6.053
#1	-.0072	.2645	1.539	9.769	19.29	.0720	-.3902
#2	-.0701	-.1221	1.067	1.582	19.32	-.0104	-.4251

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	-12.95	.4037	-1.290	-.9231	164.4	-1.701	.1796
SDev	1.51	.0310	.740	1.8442	4.5	.901	.0669
%RSD	11.68	7.668	57.36	199.8	2.747	52.93	37.24
#1	-11.88	.3818	-1.813	.3809	161.3	-2.338	.1323
#2	-14.02	.4256	-.7669	-2.227	167.6	-1.065	.2269

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	2.350	.1177	.5195	1.098	.1285	-1.579	-1.150
SDev	.029	.7070	.7806	1.948	.0640	1.817	.202
%RSD	1.245	600.9	150.3	177.4	49.84	115.1	17.58
#1	2.329	.6176	1.071	-.2792	.0832	-2.864	-1.293
#2	2.371	-.3822	-.0325	2.475	.1738	-.2941	-1.007

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.4285	-1.608
SDev	4.917	.310
%RSD	1148.	19.27
#1	3.906	-1.389
#2	-3.049	-1.828

Method: SW846 Sample Name: LCSW Operator:
Run Time: 08/11/08 00:48:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2112.	507.4	2078.	2069.	52.35	54.00	21350.
SDev	3.	5.3	8.	1.	.14	.31	10.
%RSD	.1262	1.052	.3622	.0368	.2743	.5688	.0454
#1	2114.	511.2	2083.	2070.	52.45	53.79	21350.
#2	2110.	503.6	2073.	2069.	52.25	54.22	21360.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	210.5	525.4	255.9	1069.	20440.	533.8	526.5

SDev	1.0	2.0	1.8	14.	50.	2.6	.6
%RSD	.4722	.3879	.7016	1.263	.2422	.4791	.1175
#1	209.8	524.0	254.6	1060.	20400.	531.9	527.0
#2	211.2	526.9	257.1	1079.	20470.	535.6	526.1

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21430.	51.71	525.5	2099.	21070.	2148.	534.7
SDev	38.	.07	.1	13.	112.	5.	4.2
%RSD	.1760	.1336	.0114	.6364	.5301	.2308	.7926
#1	21450.	51.76	525.5	2108.	21150.	2144.	531.7
#2	21400.	51.67	525.6	2089.	20990.	2151.	537.7

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

24953V1

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	519.2	511.9	517.9	512.6	529.2	529.1	523.7
SDev	.3	1.0	.8	9.8	1.6	4.1	2.1
%RSD	.0549	.1951	.1460	1.911	.2991	.7723	.4067
#1	519.0	512.6	517.4	505.7	528.1	532.0	522.2
#2	519.4	511.2	518.5	519.6	530.3	526.3	525.2

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2123.	2087.
SDev	15.	12.
%RSD	.7152	.5964
#1	2133.	2096.
#2	2112.	2078.

Method: SW846 Sample Name: 940364D Operator:
Run Time: 08/11/08 00:54:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	326.2	1.420	9.055	671.8	-.2738	-.3107	75690.
SDev	3.7	.334	2.925	1.5	.0119	.1526	68.
%RSD	1.124	23.50	32.30	.2261	4.334	49.09	.0894
#1	328.8	1.656	11.12	672.8	-.2822	-.2029	75740.
#2	323.6	1.184	6.986	670.7	-.2654	-.4186	75640.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1804	-.1403	1.350	23510.	26740.	959.9	.3761
SDev	.0006	.0582	.335	36.	4.	1.0	.1339
%RSD	.3555	41.46	24.80	.1530	.0135	.1023	35.61
#1	-.1800	-.1814	1.114	23530.	26740.	959.2	.4708
#2	-.1809	-.0991	1.587	23480.	26740.	960.6	.2814

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19430.	.5773	4.204	.6495	206600.	3.060	.7069
SDev	60.	.0356	.803	1.258	126.	1.107	.4828
%RSD	.3064	6.170	19.09	193.7	.0611	36.18	68.30
#1	19480.	.6025	4.771	-.2400	206500.	3.843	1.048
#2	19390.	.5521	3.636	1.539	206700.	2.277	.3655

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.191	41.34	-.2155	3.154	4.448	-.1344	6.365
SDev	.006	.73	.4936	2.047	.025	1.3234	.543
%RSD	.4762	1.758	229.1	64.90	.5569	984.8	8.524
#1	1.195	41.86	-.5645	1.707	4.430	.8014	6.749
#2	1.187	40.83	.1335	4.602	4.465	-1.070	5.982

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	6.480	-2.272
SDev	.905	1.434
%RSD	13.97	63.12

#1	5.840	-3.286
#2	7.120	-1.258

Method: SW846 Sample Name: 940364 Operator:
Run Time: 08/11/08 01:00:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	341.9	-.0853	10.96	657.7	-.3383	-.3044	74050.
SDev	.9	1.0739	.36	.5	.1113	.1725	83.
%RSD	.2667	1260.	3.314	.0732	32.89	56.66	.1124
#1	342.5	.6741	10.70	658.1	-.2596	-.4264	73990.
#2	341.2	-.8446	11.22	657.4	-.4170	-.1824	74110.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0830	-.0171	1.591	22990.	26190.	939.3	.3277
SDev	.3807	.3360	.340	25.	32.	4.9	.3945
%RSD	459.0	1959.	21.37	.1079	.1220	.5200	120.4
#1	-.1863	-.2547	1.831	22970.	26160.	935.9	.0487
#2	.3522	.2204	1.350	23010.	26210.	942.8	.6067

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19030.	.6911	2.264	-.5860	203000.	-1.842	.5928
SDev	50.	.4921	.412	1.3349	227.	2.169	.0111
%RSD	.2624	71.20	18.18	227.8	.1116	117.7	1.870
#1	19070.	.3431	2.555	.3579	203100.	-.3084	.5850
#2	19000.	1.039	1.973	-1.530	202800.	-3.376	.6007

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.588	40.04	-.3677	2.695	4.712	-2.782	4.779
SDev	.232	1.18	.4423	.685	.062	1.554	.159
%RSD	14.60	2.956	120.3	25.41	1.310	55.88	3.327
#1	1.424	39.20	-.6805	2.210	4.668	-1.683	4.666

#2	1.752	40.88	-.0550	3.179	4.755	-3.881	4.891

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.227	-2.999
SDev	3.359	3.678
%RSD	79.46	122.6
#1	1.852	-.3986
#2	6.601	-5.600

Method: SW846 Sample Name: 940364L Operator:
Run Time: 08/11/08 01:06:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.13	1.475	.9839	129.1	-.4433	.1438	14770.

SDev	3.00	.466	.8626	.5	.0166	.0290	21.
%RSD	4.601	31.58	87.67	.4259	3.752	20.19	.1433
#1	67.25	1.805	1.594	129.5	-.4315	.1643	14750.
#2	63.01	1.146	.3739	128.7	-.4550	.1233	14780.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1721	-.4162	-.6862	4562.	5083.	186.7	-.2157
SDev	.3980	.2197	.1669	12.	4.	.9	.0529
%RSD	231.3	52.79	24.33	.2564	.0881	.5021	24.50
#1	-.1094	-.5716	-.5682	4553.	5080.	186.1	-.2531
#2	.4535	-.2609	-.8043	4570.	5087.	187.4	-.1784

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3677.	.2283	.2859	-.2676	40950.	1.117	.2751
SDev	8.	.2253	.5580	1.2670	118.	.908	.0274
%RSD	.2137	98.68	195.1	473.5	.2880	81.30	9.975
#1	3683.	.0690	.6805	.6283	41030.	1.759	.2945
#2	3672.	.3876	-.1086	-1.164	40870.	.4748	.2557

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.106	7.132	.2992	1.629	.9779	.5801	.1345
SDev	.271	.011	.1328	2.775	.0639	.0060	.8395
%RSD	12.89	.1491	44.37	170.3	6.531	1.036	624.0
#1	1.914	7.125	.3931	-.3325	1.023	.5758	.7282
#2	2.298	7.140	.2053	3.591	.9327	.5843	-.4591

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.752	-1.286
SDev	.244	1.778
%RSD	13.93	138.2
#1	1.925	-.0295
#2	1.579	-2.543

Method: SW846 Sample Name: CCV2 Operator:
Run Time: 08/11/08 01:12:26
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126900.	1025.	5094.	10160.	1017.	2538.	127400.
SDev	507.	1.	10.	28.	3.	10.	453.
%RSD	.3995	.0672	.1951	.2734	.2981	.4107	.3559
#1	126500.	1025.	5087.	10140.	1015.	2531.	127100.
#2	127300.	1024.	5101.	10170.	1020.	2546.	127700.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	5078.	2524.	12640.	101600.	126800.	5051.	2537.
SDev	27.	13.	59.	296.	513.	28.	5.
%RSD	.5387	.4970	.4636	.2918	.4049	.5466	.1842
#1	5058.	2515.	12600.	101400.	126400.	5031.	2533.
#2	5097.	2533.	12680.	101800.	127100.	5070.	2540.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50920.	1268.	10170.	5129.	128400.	5090.	2551.
SDev	70.	3.	22.	4.	338.	25.	18.
%RSD	.1380	.2561	.2188	.0852	.2630	.4885	.7026
#1	50870.	1265.	10150.	5133.	128100.	5072.	2538.
#2	50970.	1270.	10180.	5126.	128600.	5107.	2563.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2522.	1020.	2528.	1006.	10200.	10230.	10140.
SDev	12.	1.	3.	2.	44.	34.	16.
%RSD	.4594	.0886	.1227	.1575	.4343	.3338	.1609
#1	2514.	1019.	2526.	1005.	10170.	10200.	10120.
#2	2530.	1020.	2530.	1008.	10240.	10250.	10150.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5099.	5144.
SDev	16.	14.
%RSD	.3097	.2806
#1	5088.	5155.
#2	5111.	5134.

Method: SW846 Sample Name: CCB2 Operator:
Run Time: 08/11/08 01:18:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.075	2.018	-1.021	-.2708	-.3552	.0247	16.74
SDev	5.992	1.596	.477	.0000	.0399	.0228	.10
%RSD	557.4	79.09	46.72	.0000	11.24	92.15	.5850
#1	5.312	3.146	-.6836	-.2708	-.3269	.0086	16.67
#2	-3.162	.8893	-1.358	-.2708	-.3834	.0408	16.81

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1998	-.2083	.9682	.5081	15.67	.0336	-.3396
SDev	.1513	.2228	.1750	.0083	4.89	.0596	.3960
%RSD	75.76	107.0	18.07	1.634	31.22	177.3	116.6
#1	.0928	-.3658	1.092	.5022	19.13	.0758	-.6196
#2	.3068	-.0507	.8445	.5140	12.21	-.0085	-.0596

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.84	.7339	-1.774	-2.211	167.5	2.891	.2616
SDev	15.91	.1421	.454	1.322	124.2	.619	.1235
%RSD	134.3	19.37	25.60	59.76	74.14	21.40	47.18
#1	23.09	.6334	-1.453	-3.146	255.3	2.453	.3489

#2	.5934	.8345	-2.095	-1.277	79.69	3.328	.1744

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.369	1.496	.4798	2.425	.1015	-2.340	-1.496
SDev	.100	.611	1.235	2.137	.0296	.727	.318
%RSD	7.317	40.84	257.3	88.15	29.19	31.08	21.23
#1	1.298	1.928	1.353	3.936	.1224	-1.826	-1.271
#2	1.440	1.064	-.3933	.9133	.0805	-2.855	-1.720

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.862	-1.398

SDev	.238	2.100
%RSD	6.172	150.2
#1	-3.693	-2.883
#2	-4.030	.0872

Method: SW846 Sample Name: 940364MS Operator:
Run Time: 08/11/08 01:24:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2533.	523.5	2122.	2738.	52.72	53.04	95520.
SDev	5.	2.8	5.	3.	.03	.29	43.
%RSD	.1998	.5346	.2218	.0919	.0474	.5419	.0450
#1	2530.	525.5	2125.	2740.	52.74	52.84	95480.
#2	2537.	521.6	2118.	2736.	52.70	53.24	95550.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	208.0	520.0	259.1	24170.	47430.	1467.	519.1
SDev	.5	1.0	.7	32.	57.	3.	1.4
%RSD	.2472	.2014	.2533	.1344	.1193	.2143	.2663
#1	207.7	519.2	258.6	24150.	47390.	1465.	518.2
#2	208.4	520.7	259.5	24200.	47470.	1469.	520.1

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	40260.	52.14	531.4	2166.	224200.	2153.	534.6
SDev	54.	.06	1.9	7.	435.	12.	1.3

%RSD	.1342	.1104	.3495	.3225	.1939	.5681	.2453
#1	40300.	52.10	532.7	2171.	223900.	2145.	533.7
#2	40220.	52.18	530.1	2161.	224500.	2162.	535.5

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.9	557.1	520.6	514.4	532.9	527.5	533.4
SDev	.7	1.6	2.1	7.6	.9	3.2	1.2
%RSD	.1389	.2806	.4037	1.485	.1762	.6138	.2191

#1	512.4	558.2	522.1	509.0	532.2	529.8	534.2
#2	513.4	556.0	519.1	519.8	533.5	525.2	532.6

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2151.	2174.
SDev	7.	7.
%RSD	.3057	.3308

#1	2155.	2179.
#2	2146.	2169.

Method: SW846 Sample Name: 940364A Operator:
Run Time: 08/11/08 01:30:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2450.	511.0	2094.	2688.	51.91	52.12	93180.
SDev	13.	4.1	7.	3.	.36	.17	310.

%RSD	.5346	.7959	.3463	.1201	.6914	.3183	.3323
#1	2440.	513.9	2099.	2691.	52.16	52.00	93400.
#2	2459.	508.1	2089.	2686.	51.65	52.24	92970.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.4	514.2	256.6	23480.	46460.	1436.	515.9
SDev	.4	.5	.4	83.	133.	1.	.9
%RSD	.1932	.1056	.1410	.3529	.2870	.0837	.1802

#1	206.7	514.6	256.4	23540.	46370.	1436.	516.5
#2	206.1	513.8	256.9	23420.	46560.	1437.	515.2

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	39540.	51.28	526.9	2149.	219000.	2133.	527.6
SDev	60.	.25	.8	13.	1172.	11.	1.1
%RSD	.1513	.4848	.1481	.6254	.5351	.5264	.2138

#1	39500.	51.46	526.4	2158.	218200.	2141.	526.8
#2	39580.	51.11	527.5	2139.	219800.	2125.	528.4

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.6	551.6	513.4	510.3	526.8	521.4	529.7
SDev	1.9	1.8	1.9	3.4	.3	.4	1.4
%RSD	.3713	.3275	.3698	.6754	.0651	.0774	.2589

#1	506.9	550.4	514.7	507.8	527.0	521.7	528.7
#2	504.2	552.9	512.0	512.7	526.5	521.1	530.6

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2145.	2150.
SDev	3.	19.
%RSD	.1442	.8651

#1	2148.	2163.
#2	2143.	2137.

Method: SW846 Sample Name: 940360 Operator:
Run Time: 08/11/08 01:36:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	149.7	-2.265	.2201	662.5	-.2592	-3.672	100900.
SDev	1.0	.866	1.227	2.6	.0167	.089	193.
%RSD	.6784	38.21	557.6	.3983	6.444	2.410	.1914
#1	150.5	-2.877	1.088	664.4	-.2710	-3.735	100800.
#2	149.0	-1.653	-.6478	660.6	-.2474	-3.610	101100.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4838	-1.124	4.025	H269600.	108600.	H21890.	-1.625
SDev	.3631	.113	.003	70.	4.	75.	.002
%RSD	75.06	10.07	.0718	.0258	.0039	.3425	.0992
#1	.2270	-1.044	4.027	H269500.	108600.	H21840.	-1.626
#2	.7406	-1.204	4.023	H269600.	108600.	H21940.	-1.624

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5074.	-.0742	54.10	-4.284	97410.	-9.049	.3276
SDev	20.	.1391	1.05	1.880	155.	5.803	.0064
%RSD	.3869	187.3	1.944	43.89	.1592	64.13	1.957
#1	5088.	.0241	53.35	-2.954	97520.	-4.946	.3230
#2	5060.	-.1726	54.84	L-5.613	97300.	L-13.15	.3321

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.579	34.17	2.312	8.171	-.1697	-3.692	82.94
SDev	.080	.13	2.036	1.260	.1644	1.417	2.28
%RSD	1.744	.3713	88.06	15.42	96.90	38.38	2.754
#1	-4.636	34.26	3.752	9.062	-.0534	-2.690	81.33
#2	-4.523	34.08	.8725	7.280	-.2860	-4.694	84.56

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.2221	-6.322
SDev	4.5199	.562
%RSD	2035.	8.891
#1	2.974	-5.925
#2	-3.418	-6.720

Method: SW846 Sample Name: 940361 Operator:
Run Time: 08/11/08 01:42:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4540.	.7003	47.78	349.5	.0862	-1.461	71510.
SDev	8.	1.697	1.81	.2	.0320	.239	109.
%RSD	.1673	242.3	3.790	.0507	37.18	16.36	.1517

#1	4535.	-.4997	49.06	349.4	.1088	-1.292	71430.
#2	4546.	1.900	46.50	349.6	.0635	-1.630	71590.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.100	128.2	5.388	100500.	55470.	968.3	7.209
SDev	.294	.3	.005	11.	68.	3.7	.518
%RSD	4.826	.2174	.1001	.0113	.1221	.3851	7.188
#1	5.892	128.0	5.385	100500.	55420.	965.7	6.843
#2	6.308	128.4	5.392	100500.	55510.	971.0	7.575

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4903.	.6753	20.60	.7058	93210.	-4.223	10.64
SDev	9.	.2724	1.10	1.325	39.	1.512	.12
%RSD	.1772	40.33	5.353	187.8	.0421	35.80	1.166
#1	4910.	.4827	19.82	1.643	93180.	-5.292	10.72
#2	4897.	.8679	21.38	-.2313	93240.	-3.154	10.55

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.32	158.0	2.409	6.594	98.99	-1.867	31.82
SDev	.17	.2	.769	1.797	1.11	1.405	.95
%RSD	1.520	.1308	31.93	27.25	1.120	75.27	2.992
#1	11.20	158.2	2.953	5.323	99.77	-2.860	31.14
#2	11.44	157.9	1.865	7.864	98.20	-.8733	32.49

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	7.453	-2.673
SDev	6.649	5.307
%RSD	89.22	198.5
#1	2.751	1.079
#2	12.15	-6.425

Method: SW846 Sample Name: 940362 Operator:
Run Time: 08/11/08 01:48:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2423.	2.529	4.832	351.6	-.1607	-.7011	40030.
SDev	205.	1.174	1.259	28.5	.0967	.2676	3245.
%RSD	8.478	46.44	26.06	8.094	60.21	38.17	8.107
#1	2568.	1.698	5.723	371.8	-.2291	-.8904	42320.
#2	2278.	3.359	3.942	331.5	-.0923	-.5119	37730.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.528	2.469	5.448	33550.	22860.	604.3	3.421
SDev	.289	.535	.080	2744.	1755.	46.4	.277

%RSD	8.200	21.65	1.469	8.181	7.676	7.686	8.107
#1	3.733	2.847	5.392	35490.	24100.	637.1	3.617
#2	3.324	2.091	5.505	31610.	21620.	571.4	3.225

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6203.	7.207	7.151	-2.066	81610.	-.4151	4.436
SDev	500.	.221	1.085	.370	5302.	2.6166	.908
%RSD	8.060	3.071	15.17	17.91	6.496	630.4	20.46
#1	6557.	7.364	7.919	-1.804	85360.	-2.265	5.077
#2	5850.	7.051	6.384	-2.327	77860.	1.435	3.794

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.43	37.08	.4017	1.944	46.68	1.394	10.02
SDev	1.54	3.27	.4464	2.228	3.08	.841	1.21
%RSD	14.80	8.826	111.1	114.7	6.604	60.37	12.04
#1	11.52	39.40	.7174	3.519	48.86	1.989	10.87
#2	9.335	34.77	.0861	.3679	44.50	.7988	9.169

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.172	-2.022
SDev	3.739	2.421
%RSD	172.1	119.7
#1	-4.817	-.3107
#2	.4716	-3.734

Method: SW846 Sample Name: 940363 Operator:
Run Time: 08/11/08 01:53:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2658.	1.789	4.018	374.8	.0138	-.9626	42880.
SDev	1.	.367	3.719	.4	.0407	.2223	65.
%RSD	.0295	20.49	92.56	.0951	294.0	23.09	.1504
#1	2658.	2.048	6.647	375.0	-.0149	-1.120	42840.
#2	2657.	1.529	1.388	374.5	.0426	-.8054	42930.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.296	3.143	3.953	36490.	24310.	640.0	4.309
SDev	.049	.441	.330	34.	57.	2.6	.064
%RSD	1.483	14.02	8.341	.0943	.2331	.4016	1.480
#1	3.331	2.832	3.720	36470.	24270.	638.2	4.264
#2	3.262	3.455	4.186	36520.	24350.	641.8	4.354

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6654.	6.333	7.789	-1.536	85940.	-2.116	5.200
SDev	8.	.301	.378	2.171	100.	.115	.110
%RSD	.1181	4.757	4.848	141.3	.1169	5.436	2.122
#1	6660.	6.120	7.522	-3.072	85870.	-2.197	5.122
#2	6648.	6.546	8.056	-.0013	86010.	-2.035	5.278

24953V1

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.76	39.30	.0799	5.179	54.56	-.1329	11.74
SDev	.10	1.49	.6994	.345	.18	2.3335	.60
%RSD	.8939	3.780	875.9	6.654	.3305	1756.	5.102
#1	10.83	38.25	-.4147	4.936	54.43	-1.783	12.16
#2	10.69	40.36	.5744	5.423	54.68	1.517	11.32

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.3891	-2.120
SDev	3.2428	1.636
%RSD	833.3	77.17
#1	-2.682	-3.277
#2	1.904	-.9632

Method: SW846 Sample Name: 940365 Operator:
Run Time: 08/11/08 01:59:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3707.	1.301	14.97	313.3	-.2168	-1.066	29380.
SDev	7.	.099	.15	.5	.1043	.076	65.
%RSD	.1844	7.607	.9783	.1694	48.11	7.121	.2213
#1	3712.	1.231	15.07	313.7	-.1431	-1.012	29420.
#2	3702.	1.371	14.86	312.9	-.2906	-1.120	29330.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.886	17.34	7.608	62490.	26400.	2382.	3.807
SDev	.281	.34	.192	136.	1.	7.	.034
%RSD	5.755	1.950	2.524	.2178	.0024	.2872	.8823
#1	5.085	17.10	7.743	62580.	26400.	2377.	3.831
#2	4.687	17.58	7.472	62390.	26400.	2387.	3.783

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3442.	1.304	13.29	-.7708	63130.	-3.678	8.840
SDev	24.	.053	.74	.8820	235.	2.566	.465
%RSD	.6959	4.089	5.565	114.4	.3715	69.77	5.256
#1	3459.	1.342	12.77	-.1471	63300.	-1.864	9.169
#2	3426.	1.266	13.82	-1.395	62970.	-5.493	8.512

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	6.394	186.4	3.257	3.285	56.60	.0374	19.91
SDev	.329	2.1	.325	3.761	.26	2.849	.31
%RSD	5.147	1.131	9.972	114.5	.4601	7614.	1.575
#1	6.161	184.9	3.487	5.945	56.78	-1.977	20.13
#2	6.627	187.9	3.027	.6261	56.41	2.052	19.68

Elem	1960/1	1960/2
Units	ppb	ppb

Avge	1.506	-1.918
SDev	7.045	2.195
%RSD	467.8	114.4
#1	6.487	-3.470
#2	-3.475	-.3663

Method: SW846 Sample Name: 940366 Operator:
Run Time: 08/11/08 02:05:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1325.	1.529	6.360	451.6	-.2309	-.5436	39470.
SDev	1.	2.003	2.367	.2	.0662	.1556	56.
%RSD	.1093	131.0	37.21	.0483	28.68	28.63	.1428
#1	1324.	2.945	4.687	451.5	-.2777	-.4336	39430.
#2	1327.	.1127	8.034	451.8	-.1841	-.6536	39510.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.848	2.440	3.604	26150.	32000.	1400.	.9798

SDev	.072	.173	2.537	32.	74.	6.	.1208
%RSD	3.884	7.071	70.39	.1232	.2328	.3987	12.33
#1	1.898	2.562	5.397	26120.	31950.	1396.	1.065
#2	1.797	2.318	1.810	26170.	32060.	1404.	.8944

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5290.	.9273	4.184	.0219	80270.	-2.259	2.368
SDev	1.	.1073	.358	.9352	219.	2.860	.230
%RSD	.0208	11.57	8.547	4263.	.2734	126.6	9.725
#1	5290.	.8515	4.436	.6832	80110.	-.2364	2.531
#2	5289.	1.003	3.931	-.6394	80430.	-4.281	2.205

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.339	34.84	.9048	.9701	17.57	-2.537	7.534
SDev	.423	.46	.3001	4.514	.34	3.385	1.154
%RSD	12.67	1.313	33.17	465.3	1.942	133.4	15.32
#1	3.638	34.51	1.117	-2.222	17.33	-.1436	6.718
#2	3.040	35.16	.6926	4.162	17.81	-4.931	8.350

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.2484	-.1018
SDev	4.858	1.0234
%RSD	1956.	1005.
#1	3.684	-.8255
#2	-3.187	.6219

Method: SW846 Sample Name: 940367 Operator:
Run Time: 08/11/08 02:11:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.068	1.588	1.792	-.3006	-.2223	.0885	4.102
SDev	2.622	.069	2.319	.0422	.1002	.2411	.455
%RSD	64.46	4.332	129.4	14.04	45.07	272.5	11.08
#1	5.922	1.637	3.432	-.3304	-.1514	.2590	3.781
#2	2.214	1.539	.1524	-.2708	-.2931	-.0820	4.423

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2904	-.7120	2.023	-8.742	17.90	.0330	-.2785
SDev	.5033	.1720	.012	.043	1.80	.1760	.1004
%RSD	173.3	24.15	.5827	.4868	10.03	532.9	36.04
#1	-.0655	-.8336	2.032	-8.772	19.17	.1575	-.3495
#2	.6463	-.5904	2.015	-8.712	16.63	-.0914	-.2075

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7908	.3140	.7579	.0918	136.3	-2.042	.2031
SDev	14.93	.2018	1.067	3.567	92.9	3.012	.1197
%RSD	1888.	64.26	140.7	3885.	68.13	147.5	58.95
#1	11.35	.4567	1.512	-2.431	202.0	.0879	.1184
#2	-9.768	.1713	.0036	2.614	70.64	-4.171	.2877

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.389	-1.599	-.7544	2.513	-.1451	1.537	.3642
SDev	.440	.452	.5595	2.591	.1884	2.070	.5660
%RSD	31.71	28.30	74.17	103.1	129.9	134.6	155.4
#1	1.077	-1.279	-1.150	4.345	-.0119	3.001	.7644
#2	1.700	-1.919	-.3588	.6817	-.2782	.0739	-.0360

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.123	-1.931
SDev	7.936	1.387
%RSD	192.5	71.79
#1	-1.489	-2.912
#2	9.735	-.9509

Method: SW846 Sample Name: 940368 Operator:
Run Time: 08/11/08 02:17:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1407.	2.428	2.284	222.5	-.4430	.0919	70530.
SDev	6.	1.517	.946	.2	.0182	.0647	117.
%RSD	.3975	62.45	41.40	.0723	4.111	70.48	.1665
#1	1404.	3.501	2.953	222.6	-.4559	.1376	70440.
#2	1411.	1.356	1.616	222.4	-.4301	.0461	70610.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.048	.5268	3.773	1269.	43270.	14.68	2.256
SDev	.086	.3380	.005	8.	175.	.10	.218

%RSD	2.829	64.17	.1345	.5943	.4033	.6673	9.652
#1	2.987	.2878	3.777	1264.	43150.	14.61	2.102
#2	3.109	.7658	3.770	1274.	43390.	14.74	2.410

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9781.	1.623	-1.242	1.903	H371600.	.9871	2.947
SDev	2.	.240	.147	4.297	2370.	3.408	.045
%RSD	.0174	14.78	11.86	225.8	.6378	345.2	1.514
#1	9783.	1.454	-1.347	-1.136	H369900.	-1.423	2.979
#2	9780.	1.793	-1.138	4.941	H373300.	3.397	2.916

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.541	10.26	-.2253	.0424	16.90	-.8816	-1.427
SDev	.361	.24	.8375	2.042	.21	1.2777	.417
%RSD	3.787	2.303	371.7	4814.	1.220	144.9	29.21
#1	9.285	10.42	-.8175	1.486	16.75	-1.785	-1.132

#2	9.796	10.09	.3669	-1.401	17.04	.0219	-1.722

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	7.977	-1.141
SDev	4.034	4.428
%RSD	50.58	388.1
#1	5.124	-4.272
#2	10.83	1.990

Method: SW846 Sample Name: CCV3 Operator:
Run Time: 08/11/08 02:23:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127800.	1024.	5132.	10230.	1025.	2552.	128400.
SDev	367.	9.	31.	13.	5.	9.	447.
%RSD	.2873	.8913	.6134	.1253	.4580	.3388	.3483
#1	127600.	1030.	5154.	10240.	1028.	2558.	128700.
#2	128100.	1017.	5110.	10220.	1022.	2546.	128100.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5115.	2546.	12730.	102300.	127700.	5094.	2559.
SDev	8.	4.	38.	353.	242.	2.	10.
%RSD	.1571	.1499	.2960	.3451	.1897	.0403	.3968
#1	5121.	2549.	12700.	102500.	127500.	5092.	2566.
#2	5109.	2544.	12750.	102000.	127900.	5095.	2551.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51220.	1277.	10240.	5141.	128700.	5118.	2562.

SDev	61.	.	40.	38.	292.	13.	4.
%RSD	.1192	.0099	.3890	.7392	.2266	.2614	.1416
#1	51170.	1277.	10270.	5168.	128500.	5128.	2559.
#2	51260.	1277.	10210.	5114.	128900.	5109.	2565.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2545.	1028.	2550.	1020.	10270.	10260.	10230.
SDev	7.	1.	8.	13.	8.	35.	42.
%RSD	.2775	.1288	.3210	1.238	.0826	.3364	.4153
#1	2550.	1029.	2556.	1011.	10270.	10290.	10260.
#2	2540.	1027.	2545.	1029.	10260.	10240.	10200.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5114.	5154.
SDev	18.	48.
%RSD	.3489	.9326
#1	5127.	5188.
#2	5102.	5120.

Method: SW846 Sample Name: CCB3 Operator:
Run Time: 08/11/08 02:29:39
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.513	2.059	.2511	-.2708	-.5328	-.0189	-8.205
SDev	4.384	1.316	.0265	.0000	.0560	.0219	.230
%RSD	289.8	63.93	10.57	.0000	10.50	115.7	2.799
#1	4.612	1.128	.2323	-.2708	-.4933	-.0034	-8.367
#2	-1.587	2.990	.2699	-.2708	-.5724	-.0344	-8.042

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0114	-.3619	.6105	-4.126	16.58	-.0496	-.1276
SDev	.1096	.1103	.0016	2.198	2.46	.0581	.1185
%RSD	959.6	30.49	.2578	53.27	14.86	117.2	92.81
#1	-.0661	-.4399	.6116	-5.680	18.32	-.0907	-.0439
#2	.0890	-.2839	.6094	-2.572	14.83	-.0085	-.2114

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.163	.7791	-.9819	.8565	144.1	.6413	.2514
SDev	.363	.1672	.7513	1.280	78.2	.2848	.0514
%RSD	7.035	21.46	76.51	149.4	54.28	44.41	20.45
#1	-4.906	.6609	-1.513	-.0486	88.80	.8427	.2150
#2	-5.420	.8973	-.4507	1.761	199.4	.4399	.2878

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2364	1.225	.1696	-.0929	.1025	-1.282	-.8364
SDev	.0384	.222	.6456	1.6321	.0313	2.294	.0189
%RSD	16.24	18.15	380.7	1758.	30.56	178.9	2.260

#1	-.2636	1.382	.6261	1.061	.1247	-2.904	-.8231
#2	-.2093	1.068	-.2869	-1.247	.0804	.3397	-.8498

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.344	.6026
SDev	2.916	.4631
%RSD	217.0	76.85

#1	-.7183	.2752
#2	3.406	.9301

Method: SW846 Sample Name: 940369 Operator:
Run Time: 08/11/08 02:35:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7477.	1.627	7.142	295.3	-.1211	-.3548	42950.
SDev	22.	.066	2.053	.2	.0256	.0549	120.
%RSD	.2917	4.053	28.75	.0586	21.16	15.48	.2783
#1	7462.	1.580	5.691	295.4	-.1029	-.3937	43030.
#2	7493.	1.674	8.594	295.1	-.1392	-.3160	42860.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.761	4.716	6.864	10990.	12150.	545.5	4.740
SDev	.028	.447	.180	27.	28.	.1	.234
%RSD	.3185	9.478	2.623	.2454	.2264	.0197	4.936
#1	8.742	5.032	6.992	11010.	12130.	545.4	4.574
#2	8.781	4.400	6.737	10970.	12170.	545.6	4.905

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6642.	2.269	5.390	-2.687	107000.	1.721	15.26
SDev	6.	.008	.488	4.881	472.	.862	.54
%RSD	.0914	.3478	9.050	181.6	.4410	50.08	3.568
#1	6638.	2.263	5.045	.7641	106700.	1.112	15.65
#2	6646.	2.274	5.735	L-6.138	107400.	2.331	14.88

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.11	74.85	1.242	3.710	94.50	2.117	7.020
SDev	.01	.21	.145	.907	.19	4.234	1.383
%RSD	.0318	.2746	11.69	24.45	.2062	200.0	19.70
#1	17.10	74.70	1.139	3.069	94.64	-.8769	7.997
#2	17.11	74.99	1.344	4.352	94.36	5.111	6.042

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.318	-1.883

SDev	2.100	6.269
%RSD	48.64	332.9
#1	-2.833	2.549

#2	-5.803	-6.316

Method: SW846 Sample Name: 940390 Operator:
Run Time: 08/11/08 02:41:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2038.	2.719	11.08	218.4	-.4169	-.1415	122300.
SDev	3.	1.762	1.90	.0	.0824	.1090	320.
%RSD	.1710	64.83	17.16	.0148	19.77	77.03	.2616
#1	2036.	1.472	9.740	218.5	-.3586	-.0644	122500.
#2	2041.	3.965	12.43	218.4	-.4752	-.2186	122100.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.851	.3400	9.255	2657.	25720.	64.30	5.113
SDev	.072	.2830	.520	8.	89.	.08	.305
%RSD	1.053	83.24	5.615	.3079	.3448	.1285	5.957
#1	6.902	.5401	9.622	2663.	25660.	64.25	5.329
#2	6.800	.1399	8.887	2651.	25780.	64.36	4.898

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25480.	.5410	23.54	-1.263	201600.	-1.980	5.742
SDev	18.	.5856	2.22	1.979	151.	1.953	.478

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
%RSD	.0712	108.2	9.437	156.8	.0747	98.62	8.323
#1	25470.	.9551	21.97	-2.662	201500.	-.5993	6.080
#2	25490.	.1269	25.11	.1369	201700.	-3.361	5.404

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.56	735.4	9.783	3.645	61.22	21.93	24.34
SDev	.18	1.8	.431	.511	.03	2.28	2.19
%RSD	.3392	.2408	4.407	14.02	.0569	10.41	9.002
#1	53.69	736.6	10.09	3.284	61.25	20.31	22.79
#2	53.43	734.1	9.478	4.006	61.20	23.54	25.89

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.647	-1.082
SDev	4.001	.970
%RSD	243.0	89.66
#1	-4.476	-1.768
#2	1.182	-.3959

Method: SW846 Sample Name: 940815 Operator:
Run Time: 08/11/08 02:47:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.72	3.102	2.048	207.0	-.4099	-.0150	76790.
SDev	2.21	.670	.733	.6	.0533	.1085	18.

%RSD	8.962	21.60	35.80	.2691	12.99	724.1	.0239
#1	26.28	2.629	2.566	207.4	-.4475	.0617	76800.
#2	23.15	3.576	1.530	206.7	-.3722	-.0917	76780.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0003	-.6225	1.843	772.3	21670.	29.87	.5173
SDev	.2490	.3322	.348	.7	63.	.03	.0663
%RSD	81590.	53.36	18.88	.0904	.2892	.1016	12.81
#1	.1757	-.3876	2.089	772.8	21630.	29.89	.5642
#2	-.1763	-.8574	1.597	771.8	21710.	29.85	.4704

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10320.	.3246	-.2161	-.1860	117500.	-1.552	.4661
SDev	23.	.2851	.7456	.1711	66.	2.057	.0024
%RSD	.2256	87.82	345.0	92.00	.0560	132.5	.5230
#1	10340.	.5262	.3111	-.0650	117400.	-3.007	.4678
#2	10300.	.1230	-.7433	-.3070	117500.	-.0982	.4644

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23.29	165.3	.1635	2.637	-.9412	-.2848	-.1864
SDev	.12	.1	.1210	1.226	.1933	3.8398	.7992
%RSD	.5118	.0829	73.99	46.49	20.54	1348.	428.8
#1	23.38	165.2	.0780	1.770	-.8045	2.430	-.7515
#2	23.21	165.4	.2490	3.504	-1.078	-3.000	.3787

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.408	1.412
SDev	1.290	.388
%RSD	37.86	27.46
#1	-2.496	1.138
#2	-4.321	1.686

Method: SW846 Sample Name: 939544D Operator:
Run Time: 08/11/08 02:53:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.25	1.211	8.966	89.59	-.3999	-.3343	110700.
SDev	3.23	1.624	.068	.03	.1069	.1715	26.
%RSD	13.33	134.1	.7555	.0314	26.74	51.31	.0235
#1	26.54	2.360	9.014	89.57	-.3243	-.4556	110700.
#2	21.97	.0630	8.918	89.61	-.4755	-.2130	110800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2639	2.411	1.491	17360.	16120.	2353.	-.4403
SDev	.0905	.394	.513	10.	65.	11.	.1380
%RSD	34.28	16.36	34.42	.0592	.4058	.4705	31.33

#1	.1999	2.690	1.128	17370.	16070.	2345.	-.3428
#2	.3278	2.132	1.854	17350.	16160.	2361.	-.5379

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13890.	.3504	3.370	1.415	85420.	-2.723	.3759
SDev	3.	.4720	.389	.655	258.	.746	.1283
%RSD	.0244	134.7	11.55	46.29	.3025	27.38	34.12
#1	13900.	.6842	3.095	1.878	85240.	-2.196	.2852
#2	13890.	.0167	3.645	.9516	85600.	-3.250	.4666

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38.57	312.2	3.398	.4405	-.8871	.0918	5.001
SDev	.54	1.3	.252	1.824	.1292	1.895	1.529
%RSD	1.404	.4250	7.415	414.1	14.57	2064.	30.58
#1	38.95	313.2	3.576	1.730	-.9785	1.432	3.920
#2	38.18	311.3	3.219	-.8491	-.7957	-1.248	6.083

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.340	-.0565
SDev	1.829	1.8947
%RSD	42.14	3352.
#1	3.047	1.283

#2	5.633	-1.396

Method: SW846 Sample Name: 939544 Operator:
Run Time: 08/11/08 02:59:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.60	1.005	7.421	92.27	-.5730	-.2500	114500.
SDev	1.25	.599	.944	.04	.0061	.0708	222.
%RSD	2.210	59.64	12.72	.0453	1.068	28.33	.1941
#1	57.48	.5813	8.089	92.30	-.5686	-.1999	114300.
#2	55.71	1.429	6.754	92.24	-.5773	-.3001	114600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2962	2.237	1.471	17910.	16620.	2432.	-.2145
SDev	.6272	.391	.168	40.	54.	13.	.1345
%RSD	211.7	17.47	11.44	.2244	.3264	.5393	62.70
#1	-.1473	1.961	1.352	17880.	16580.	2422.	-.1194
#2	.7397	2.513	1.590	17940.	16660.	2441.	-.3096

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14270.	.4200	2.583	-3.605	87620.	-1.775	.4399
SDev	32.	.1655	.324	1.537	86.	.527	.1499
%RSD	.2212	39.40	12.55	42.65	.0980	29.67	34.08
#1	14290.	.3030	2.354	-4.692	87560.	-2.147	.3339
#2	14250.	.5370	2.812	-2.518	87680.	-1.402	.5458

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	41.19	333.2	3.658	1.905	-.8175	-1.172	4.453
SDev	.59	1.2	.397	1.619	.0318	1.255	.140
%RSD	1.437	.3607	10.87	85.01	3.885	107.1	3.152
#1	40.77	332.4	3.377	.7597	-.8400	-2.059	4.552
#2	41.61	334.1	3.939	3.050	-.7951	-.2847	4.354

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.338	-2.251
SDev	.124	2.243
%RSD	1.951	99.64
#1	-6.425	-3.837
#2	-6.250	-.6651

Method: SW846 Sample Name: 939544L Operator:
Run Time: 08/11/08 03:05:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.91	.0453	1.458	17.72	-.1786	-.1924	22960.
SDev	1.75	.0664	1.916	.04	.0297	.2993	12.
%RSD	14.72	146.7	131.4	.2369	16.66	155.6	.0533
#1	13.15	-.0017	.1029	17.69	-.1576	-.4040	22950.
#2	10.67	.0922	2.813	17.75	-.1996	.0193	22970.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0398	.1322	-.8043	3555.	3224.	483.7	-.0352
SDev	.2226	.0549	.0000	18.	12.	1.6	.1348
%RSD	559.0	41.47	.0000	.4957	.3660	.3255	382.6
#1	-.1176	.1710	-.8043	3542.	3216.	482.6	.0601
#2	.1972	.0935	-.8043	3567.	3233.	484.8	-.1306

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2821.	.3027	-.4595	-.4991	17340.	-2.095	.3429
SDev	6.	.0464	.1843	1.0867	132.	2.402	.0809
%RSD	.2148	15.33	40.11	217.7	.7604	114.7	23.58
#1	2816.	.2699	-.3292	-1.268	17250.	-3.793	.2857
#2	2825.	.3355	-.5898	.2692	17430.	-.3964	.4001

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.16	65.59	.4300	3.618	-.2593	-1.723	.1669
SDev	.08	.57	.5041	1.287	.0642	1.212	.8813
%RSD	.7200	.8624	117.2	35.57	24.75	70.32	528.0
#1	11.11	65.99	.0736	4.528	-.3047	-2.580	.7901

#2	11.22	65.19	.7865	2.708	-.2139	-.8665	-.4563

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.122	-.1987
SDev	.233	1.7455
%RSD	20.76	878.4
#1	-.9575	-1.433
#2	-1.287	1.036

Method: SW846 Sample Name: 939544MS Operator:
Run Time: 08/11/08 03:11:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2191.	514.7	2094.	2166.	51.48	52.56	132300.
SDev	6.	2.4	6.	7.	.01	.28	654.
%RSD	.2743	.4662	.2735	.3166	.0215	.5357	.4943
#1	2187.	516.4	2090.	2171.	51.49	52.36	131900.
#2	2196.	513.0	2098.	2161.	51.47	52.75	132800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.5	520.7	258.2	18570.	36990.	2895.	515.9
SDev	2.2	3.7	.2	76.	121.	24.	2.9
%RSD	1.058	.7161	.0896	.4114	.3267	.8233	.5706
#1	204.9	518.0	258.1	18510.	36910.	2878.	513.8
#2	208.0	523.3	258.4	18620.	37080.	2912.	518.0

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34800.	51.49	523.7	2112.	107000.	2114.	523.6
SDev	157.	.47	.4	19.	53.	23.	3.7
%RSD	.4510	.9162	.0709	.8795	.0492	1.095	.7006
#1	34910.	51.16	523.4	2125.	107000.	2098.	521.0
#2	34690.	51.82	524.0	2099.	106900.	2131.	526.2

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	544.5	849.4	519.3	505.9	522.8	518.8	526.1
SDev	5.2	.9	.1	9.0	.9	3.4	1.1
%RSD	.9581	.1106	.0192	1.784	.1676	.6566	.2175
#1	540.8	850.1	519.2	499.5	522.1	516.4	527.0
#2	548.2	848.8	519.4	512.3	523.4	521.2	525.3

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2116.	2110.
SDev	20.	38.
%RSD	.9491	1.795
#1	2102.	2136.
#2	2131.	2083.

Method: SW846 Sample Name: 939544A Operator:
Run Time: 08/11/08 03:17:12
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2172.	511.9	2093.	2164.	51.85	52.47	132200.
SDev	13.	1.2	3.	2.	.21	.18	561.
%RSD	.5918	.2390	.1628	.0902	.4011	.3501	.4245
#1	2181.	512.8	2091.	2166.	51.71	52.34	131900.
#2	2163.	511.0	2096.	2163.	52.00	52.60	132600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.1	519.3	257.8	18540.	37000.	2888.	518.9
SDev	1.4	2.7	.4	45.	73.	18.	2.5
%RSD	.6836	.5250	.1700	.2446	.1966	.6164	.4862
#1	205.2	517.3	257.5	18510.	37060.	2875.	517.2
#2	207.1	521.2	258.1	18580.	36950.	2900.	520.7

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34750.	51.44	525.9	2129.	106800.	2121.	527.0
SDev	230.	.29	.5	10.	919.	2.	4.5
%RSD	.6627	.5730	.0958	.4490	.8607	.1022	.8630
#1	34920.	51.65	526.3	2136.	107400.	2122.	523.8
#2	34590.	51.23	525.5	2122.	106100.	2119.	530.3

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	544.0	841.7	519.1	515.0	522.4	525.0	526.3
SDev	3.9	3.3	4.3	1.6	1.4	2.1	1.8
%RSD	.7257	.3975	.8277	.3182	.2658	.4027	.3440
#1	541.2	839.4	516.0	513.9	521.4	523.5	527.6
#2	546.8	844.1	522.1	516.2	523.4	526.5	525.1

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2127.	2130.
SDev	.	14.
%RSD	.0204	.6626
#1	2127.	2140.
#2	2126.	2120.

Method: SW846 Sample Name: 939545 Operator:
Run Time: 08/11/08 03:23:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.764	3.812	2.509	44.01	-.4745	-.1646	27350.
SDev	2.610	.799	2.487	.10	.0734	.0096	25.
%RSD	33.61	20.95	99.14	.2383	15.46	5.864	.0917
#1	9.609	3.248	.7500	44.09	-.4226	-.1714	27330.
#2	5.919	4.377	4.268	43.94	-.5264	-.1577	27360.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3311	-.8177	.8607	-.0048	6248.	.2791	-.3226

SDev	.0664	.2787	2.355	.7170	8.	.0005	.0528
%RSD	20.04	34.08	273.6	14800.	.1357	.1709	16.37
#1	.2842	-1.015	-.8043	-.5118	6242.	.2794	-.2853
#2	.3780	-.6207	2.526	.5021	6254.	.2787	-.3600

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11070.	.6748	.3809	-1.071	43450.	-2.638	.3439
SDev	27.	.4653	.6275	1.709	11.	4.026	.0689
%RSD	.2405	68.96	164.7	159.6	.0250	152.6	20.03
#1	11090.	.3457	-.0628	-2.279	43440.	.2091	.2952
#2	11050.	1.004	.8246	.1375	43450.	-5.485	.3926

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.786	178.0	1.766	2.504	-.3624	1.356	-.1106
SDev	.074	1.4	.275	.927	.0642	4.982	1.5463
%RSD	4.147	.7853	15.55	37.03	17.72	367.4	1399.
#1	1.733	177.0	1.572	3.159	-.3170	-2.167	.9829
#2	1.838	179.0	1.960	1.848	-.4079	4.879	-1.204

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.098	-1.068
SDev	7.545	1.205
%RSD	686.9	112.8
#1	-6.433	-.2161
#2	4.236	-1.920

Method: SW846 Sample Name: 939546 Operator:
Run Time: 08/11/08 03:29:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.698	.9463	-.0932	34.74	-.4122	-.2040	15510.
SDev	4.608	.3296	.5353	.22	.0330	.0501	18.
%RSD	68.79	34.83	574.6	.6404	8.016	24.58	.1182
#1	9.956	.7133	-.4717	34.89	-.4356	-.1686	15530.
#2	3.440	1.179	.2854	34.58	-.3888	-.2395	15500.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4518	2.854	.7324	8788.	6346.	1043.	.1798
SDev	.4225	.395	2.173	19.	5.	1.	.3567
%RSD	93.51	13.83	296.7	.2111	.0762	.1302	198.4
#1	.7506	3.133	2.269	8801.	6342.	1042.	.4320
#2	.1531	2.575	-.8043	8775.	6349.	1044.	-.0724

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	7234.	.4116	1.114	.2852	7522.	-.6678	.2190
SDev	27.	.0711	1.413	1.503	62.	1.1529	.0843
%RSD	.3801	17.29	126.9	527.2	.8218	172.6	38.47
#1	7253.	.3612	2.113	1.348	7566.	-1.483	.2786
#2	7214.	.4619	.1146	-.7779	7479.	.1474	.1594

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.191	90.41	1.056	1.863	-.2435	-1.218	2.273
SDev	.222	1.71	1.200	2.413	.0290	2.988	.627
%RSD	10.12	1.887	113.6	129.5	11.90	245.4	27.57
#1	2.035	89.20	1.905	3.569	-.2230	.8950	2.716
#2	2.348	91.61	.2076	.1569	-.2640	-3.330	1.830

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.967	1.399
SDev	4.658	.072
%RSD	236.8	5.115
#1	1.327	1.348
#2	-5.261	1.450

Method: SW846 Sample Name: CCV4 Operator:
Run Time: 08/11/08 03:35:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127700.	1021.	5120.	10220.	1026.	2562.	128700.
SDev	428.	10.	9.	11.	1.	.	43.
%RSD	.3348	1.004	.1781	.1045	.0646	.0026	.0337
#1	127400.	1028.	5126.	10220.	1026.	2562.	128700.
#2	128000.	1014.	5113.	10210.	1026.	2563.	128800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5126.	2556.	12720.	102300.	127700.	5115.	2561.
SDev	16.	8.	48.	2.	353.	22.	2.
%RSD	.3201	.3007	.3796	.0017	.2767	.4337	.0718
#1	5114.	2551.	12690.	102300.	127500.	5100.	2562.
#2	5137.	2562.	12750.	102300.	128000.	5131.	2559.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51110.	1275.	10250.	5140.	128300.	5115.	2564.
SDev	50.	.	3.	26.	338.	8.	11.
%RSD	.0976	.0277	.0314	.5076	.2631	.1657	.4348
#1	51140.	1276.	10250.	5159.	128100.	5121.	2556.
#2	51070.	1275.	10250.	5122.	128600.	5109.	2571.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2558.	1026.	2554.	1021.	10260.	10260.	10240.
SDev	11.	2.	6.	6.	16.	9.	.
%RSD	.4108	.1552	.2381	.5999	.1567	.0902	.0020
#1	2551.	1027.	2550.	1017.	10250.	10270.	10240.

#2	2565.	1025.	2559.	1026.	10270.	10260.	10240.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5117.	5152.
SDev	14.	46.
%RSD	.2820	.8991
#1	5107.	5185.
#2	5127.	5119.

Method: SW846 Sample Name: CCB4 Operator:
Run Time: 08/11/08 03:40:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.463	-.5466	-.8354	-.3301	-.5280	-.0707	-8.677
SDev	4.672	.7903	1.3061	.0839	.0072	.0653	.985
%RSD	134.9	144.6	156.3	25.42	1.359	92.33	11.35
#1	-.1592	-1.105	.0881	-.3894	-.5229	-.0246	-9.373
#2	-6.767	.0123	-1.759	-.2708	-.5330	-.1169	-7.980

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0872	-.6671	.3705	-11.28	16.20	-.0914	-.2924
SDev	.2198	.5477	.0001	5.05	4.32	.1161	.0138
%RSD	252.2	82.11	.0352	44.79	26.70	127.1	4.735
#1	.2426	-.2797	.3706	-7.709	19.25	-.0093	-.2826
#2	-.0683	-1.054	.3704	-14.86	13.14	-.1735	-.3022

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-18.26	.0739	-1.946	-1.378	151.8	.2880	.1824
SDev	7.37	.1363	1.177	2.205	17.1	.1409	.2042
%RSD	40.37	184.4	60.50	160.1	11.28	48.93	111.9
#1	-13.05	.1703	-2.778	.1817	139.7	.3877	.3268
#2	-23.48	-.0225	-1.113	-2.937	163.9	.1884	.0380

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2648	.2510	.5446	.4707	-.0532	-3.433	-1.208
SDev	.0643	.0005	.2089	.0100	.1907	2.232	.650
%RSD	24.29	.2160	38.36	2.118	358.8	65.02	53.85
#1	-.3103	.2513	.6923	.4637	.0817	-5.012	-1.667
#2	-.2193	.2506	.3969	.4778	-.1880	-1.855	-.7477

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.944	-3.046
SDev	3.055	1.781
%RSD	157.2	58.46

#1	4.104	-1.787
#2	-.2168	-4.305

Method: SW846 Sample Name: 939547 Operator:
Run Time: 08/11/08 03:46:53
Comment:

Analysis Report 08/11/08 03:52:45 AM page 295

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.461	.8223	1.781	34.94	-.2104	-.2649	15820.
SDev	1.051	1.758	.113	.03	.0161	.1353	11.
%RSD	11.11	213.8	6.328	.0732	7.660	51.09	.0677
#1	10.20	-.4210	1.861	34.92	-.2217	-.3605	15820.
#2	8.718	2.066	1.701	34.96	-.1990	-.1692	15830.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0578	2.707	-.8043	9126.	6486.	1088.	.0497
SDev	.0885	.276	.0000	2.	11.	3.	.2426
%RSD	153.1	10.18	.0000	.0248	.1737	.2864	488.2
#1	-.1203	2.512	-.8043	9124.	6478.	1086.	-.1219
#2	.0048	2.902	-.8043	9127.	6494.	1090.	.2213

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7373.	.4761	1.684	2.042	7710.	-1.940	.2111
SDev	25.	.0490	.799	4.396	24.	1.482	.0279
%RSD	.3368	10.29	47.46	215.3	.3075	76.38	13.24
#1	7390.	.4415	2.249	5.151	7727.	-2.988	.1913
#2	7355.	.5107	1.119	-1.066	7694.	-.8924	.2308

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.646	94.86	.6868	1.882	-.2498	1.991	1.526
SDev	.037	.68	.4143	1.599	.1606	.070	1.163
%RSD	1.410	.7174	60.32	84.98	64.26	3.495	76.23
#1	2.620	95.34	.3939	3.012	-.3634	2.040	2.349
#2	2.672	94.38	.9798	.7510	-.1363	1.942	.7036

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.899	2.103
SDev	9.241	1.977
%RSD	486.8	94.02
#1	8.433	3.501
#2	-4.636	.7049

Method: SW846 Sample Name: ICSA2 Operator:
Run Time: 08/11/08 03:52:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	500900.	-2.798	-.4921	.5053	-.6860	-1.761	481200.

SDev	37.	1.089	1.8354	.0001	.0881	.153	914.
%RSD	.0074	38.92	373.0	.0186	12.84	8.697	.1900
#1	500900.	-3.568	.8058	.5054	-.6237	-1.653	481800.
#2	500900.	-2.028	-1.790	.5053	-.7483	-1.869	480500.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8389	-.7703	2.909	203300.	543900.	.5489	-2.745
SDev	.2088	.1195	.182	619.	97.	.0628	.682
%RSD	24.89	15.52	6.240	.3045	.0178	11.44	24.83
#1	.6913	-.8548	3.038	203800.	543900.	.5933	-2.263
#2	.9866	-.6858	2.781	202900.	543800.	.5045	-3.227

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.07	.3434	4.507	L-10.81	97.64	L-10.13	-1.153
SDev	8.11	.1004	.452	2.91	44.58	2.29	.071
%RSD	18.41	29.23	10.03	26.93	45.66	22.63	6.174
#1	49.81	.2724	4.187	-8.753	66.11	L-11.75	-1.102
#2	38.33	.4144	4.827	L-12.87	129.2	-8.511	-1.203

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.203	.4852	.4465	2.121	-12.12	10.44	1.541
SDev	.166	1.977	.1884	2.417	.00	6.87	4.108
%RSD	5.175	407.5	42.19	114.0	.0171	65.82	266.5
#1	3.321	1.883	.5797	3.830	-12.12	15.30	-1.363
#2	3.086	-.9128	.3133	.4118	-12.11	5.580	4.446

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-10.40	-11.03

SDev	8.19	.27
%RSD	78.78	2.489
#1	-4.606	-10.83
#2	-16.19	-11.22

Method: SW846 Sample Name: ICSAB2 Operator:
Run Time: 08/11/08 03:58:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	481000.	101.4	103.0	106.5	99.00	95.70	464100.
SDev	1391.	.6	2.2	.0	.02	.18	392.
%RSD	.2893	.6199	2.166	.0212	.0206	.1892	.0846
#1	480000.	101.8	104.6	106.5	99.01	95.57	463800.
#2	482000.	100.9	101.4	106.5	98.98	95.83	464400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.20	95.34	106.4	195600.	520400.	99.55	94.36
SDev	.10	.46	.2	80.	1562.	.32	.75
%RSD	.0991	.4813	.1489	.0411	.3001	.3253	.7988

#1	99.13	95.02	106.3	195600.	519300.	99.32	94.90
#2	99.27	95.67	106.5	195500.	521500.	99.77	93.83

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11670.	103.2	105.8	95.26	10890.	90.19	97.86
SDev	1.	.3	1.3	3.49	55.	2.37	.17

Analysis Report 08/11/08 04:04:38 AM page 300

%RSD	.0044	.3336	1.264	3.667	.5033	2.625	.1770
#1	11670.	103.4	106.7	97.72	10850.	88.52	97.74
#2	11670.	102.9	104.8	92.79	10930.	91.87	97.99

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	106.7	101.4	98.52	88.78	89.99	115.7	100.8
SDev	.6	.4	.58	1.52	.02	2.3	.9
%RSD	.5338	.3978	.5921	1.712	.0178	1.948	.8724
#1	107.1	101.7	98.11	87.71	90.00	117.3	101.4
#2	106.3	101.1	98.94	89.86	89.98	114.1	100.2

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	96.76	94.49
SDev	5.37	2.56
%RSD	5.548	2.705
#1	100.6	96.30
#2	92.96	92.69

Method: SW846 Sample Name: CCV5 Operator:
Run Time: 08/11/08 04:04:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	129100.	1020.	5112.	10270.	1030.	2570.	129300.
SDev	123.	9.	16.	21.	2.	.	68.

Analysis Report 08/11/08 04:10:35 AM page 302

%RSD	.0957	.8909	.3088	.2048	.1569	.0092	.0529
#1	129000.	1027.	5123.	10290.	1032.	2569.	129300.
#2	129200.	1014.	5101.	10260.	1029.	2570.	129200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5156.	2574.	12840.	102800.	128800.	5152.	2573.
SDev	10.	8.	35.	158.	148.	20.	5.
%RSD	.1922	.3012	.2714	.1539	.1145	.3933	.1973
#1	5149.	2568.	12820.	103000.	128700.	5137.	2576.
#2	5163.	2579.	12860.	102700.	128900.	5166.	2569.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51440.	1284.	10290.	5135.	129400.	5131.	2575.
SDev	111.	.	9.	28.	59.	6.	10.

%RSD	.2159	.0315	.0890	.5418	.0457	.1075	.3693
#1	51510.	1284.	10300.	5155.	129500.	5127.	2569.
#2	51360.	1285.	10290.	5116.	129400.	5135.	2582.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2578.	1034.	2570.	1029.	10320.	10280.	10300.
SDev	8.	1.	.	3.	10.	21.	3.
%RSD	.3295	.1308	.0186	.3294	.0963	.2012	.0330
#1	2572.	1035.	2570.	1027.	10310.	10300.	10300.
#2	2584.	1033.	2570.	1031.	10320.	10270.	10300.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5132.	5137.
SDev	9.	37.
%RSD	.1819	.7212
#1	5138.	5163.
#2	5125.	5111.

Method: SW846 Sample Name: CCB5 Operator:
Run Time: 08/11/08 04:10:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.149	2.327	2.725	-.3305	-.4992	.1081	-7.871
SDev	4.480	2.825	.497	.0844	.0149	.4031	.276
%RSD	87.01	121.4	18.23	25.55	2.983	372.7	3.504
#1	8.317	4.325	3.076	-.2708	-.5098	.3932	-7.676
#2	1.981	.3294	2.373	-.3902	-.4887	-.1769	-8.066

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0955	-.4049	.8532	-8.840	15.61	-.1729	-.2014
SDev	.0899	.6064	.6656	5.785	5.03	.0003	.2450
%RSD	94.20	149.8	78.01	65.44	32.25	.1911	121.6
#1	-.0319	.0239	.3826	-4.749	12.05	-.1726	-.3747
#2	-.1591	-.8336	1.324	-12.93	19.17	-.1731	-.0282

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.63	.5061	-1.424	.3821	96.41	-.5901	.2919
SDev	11.59	.0749	.183	.3953	93.86	.7557	.4942
%RSD	99.60	14.80	12.89	103.5	97.35	128.1	169.3
#1	19.83	.5591	-1.553	.6617	162.8	-.0557	.6413
#2	3.441	.4531	-1.294	.1026	30.04	-1.124	-.0576

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2064	.7807	.4765	1.221	.1229	-.2683	-2.005
SDev	.0077	1.223	1.364	2.756	.1271	.0627	.244
%RSD	3.725	156.6	286.3	225.7	103.4	23.36	12.16
#1	-.2009	1.645	1.441	3.170	.2128	-.3126	-2.177
#2	-.2118	-.0839	-.4881	-.7279	.0331	-.2240	-1.833

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.583	-.2281
SDev	.762	.2121
%RSD	48.15	92.98
#1	2.122	-.0781

#2	1.044	-.3781

Method: SW846 Sample Name: BSS080808 Operator:
Run Time: 08/11/08 04:16:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2103.	505.1	2041.	2081.	52.88	53.95	21310.
SDev	8.	4.7	2.	4.	.14	.23	18.
%RSD	.3922	.9324	.0818	.1764	.2620	.4303	.0853
#1	2109.	508.5	2042.	2084.	52.98	53.79	21300.
#2	2097.	501.8	2040.	2078.	52.78	54.12	21330.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	210.2	522.6	256.9	1084.	20200.	533.7	523.2
SDev	1.3	.8	.3	2.	29.	1.9	.6
%RSD	.5967	.1620	.1235	.2051	.1448	.3642	.1102
#1	209.3	522.0	257.1	1082.	20220.	532.4	523.6
#2	211.1	523.2	256.6	1085.	20180.	535.1	522.8

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20940.	50.39	525.6	2072.	20900.	2137.	533.2
SDev	114.	.29	2.3	20.	63.	1.	2.3
%RSD	.5449	.5737	.4412	.9533	.3030	.0295	.4318
#1	21020.	50.18	527.3	2086.	20950.	2137.	531.6
#2	20860.	50.59	524.0	2058.	20860.	2136.	534.8

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	514.3	518.4	521.7	520.1	527.3	526.7	525.1
SDev	1.1	1.2	2.7	4.8	.6	.3	3.6
%RSD	.2227	.2335	.5254	.9194	.1119	.0475	.6860
#1	513.5	519.3	523.6	516.8	526.9	526.5	527.6
#2	515.1	517.5	519.8	523.5	527.7	526.9	522.5

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2070.	2073.
SDev	3.	31.
%RSD	.1246	1.491
#1	2068.	2095.
#2	2071.	2051.

Method: SW846 Sample Name: PBS080808 Operator:
Run Time: 08/11/08 04:22:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.125	.3270	-.2329	-.2708	-.6229	-.0499	1.673
SDev	4.231	.4612	.6009	.0000	.0783	.0686	.782
%RSD	59.38	141.0	258.0	.0000	12.58	137.5	46.77
#1	10.12	.6531	.1919	-.2708	-.5675	-.0014	1.120
#2	4.134	.0009	-.6578	-.2708	-.6783	-.0985	2.226

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4260	-1.155	.5037	-4.676	18.63	.0771	-.9620
SDev	.1593	.340	.4999	1.468	.68	.0013	.1663
%RSD	37.41	29.47	99.25	31.39	3.655	1.642	17.28
#1	.5386	-1.396	.1502	-3.638	18.15	.0780	-.8445
#2	.3133	-.9143	.8572	-5.714	19.11	.0762	-1.080

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-11.53	.4931	.7333	.1972	279.4	-.9477	.3436
SDev	7.65	.1859	.5212	.0292	61.6	1.8422	.2285
%RSD	66.33	37.69	71.08	14.81	22.07	194.4	66.48
#1	-6.123	.3617	.3647	.1766	323.0	-2.250	.1821
#2	-16.94	.6246	1.102	.2179	235.8	.3550	.5052

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6756	15.60	1.594	13.44	-.1076	2.633	-.2195
SDev	.0212	.40	.150	.94	.0028	1.534	.0155
%RSD	3.138	2.560	9.440	6.970	2.574	58.28	7.058
#1	.6606	15.32	1.488	14.10	-.1096	1.548	-.2305
#2	.6906	15.89	1.701	12.77	-.1056	3.718	-.2086

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.199	2.881
SDev	.798	.355
%RSD	15.35	12.31
#1	-5.764	3.131
#2	-4.635	2.630

Method: SW846 Sample Name: LCSSD058-2X Operator:
Run Time: 08/11/08 04:28:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46010.	322.9	642.7	1117.	555.6	492.9	46020.
SDev	41.	.9	.5	1.	.2	.4	72.
%RSD	.0884	.2723	.0716	.1298	.0294	.0711	.1569

#1	45980.	323.5	643.0	1118.	555.5	492.7	45970.
#2	46040.	322.3	642.4	1116.	555.7	493.2	46070.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1056.	647.0	732.5	88870.	22210.	2553.	581.5
SDev	3.	2.1	1.3	20.	46.	9.	2.2
%RSD	.2445	.3186	.1840	.0222	.2074	.3675	.3742

#1	1054.	645.5	731.5	88860.	22180.	2546.	580.0
#2	1058.	648.4	733.4	88890.	22240.	2560.	583.0

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24970.	393.6	842.5	456.1	3945.	779.2	591.1
SDev	55.	1.0	.2	4.7	7.	1.9	3.0
%RSD	.2202	.2641	.0257	1.039	.1821	.2464	.4997

#1	25010.	392.9	842.3	459.4	3950.	777.8	589.0
#2	24940.	394.4	842.6	452.7	3940.	780.5	593.2

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1341.	603.6	531.4	521.4	1751.	830.1	848.6
SDev	3.	1.3	1.3	4.5	3.	1.4	.4
%RSD	.2278	.2109	.2480	.8708	.1518	.1704	.0449

#1	1339.	602.7	532.3	518.2	1749.	829.1	848.9
#2	1343.	604.5	530.5	524.6	1753.	831.1	848.4

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	455.1	456.5
SDev	3.9	5.2
%RSD	.8507	1.133

#1	457.9	460.2
#2	452.4	452.9

Method: SW846 Sample Name: LCSSD058-D-2X Operator:
Run Time: 08/11/08 04:34:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45650.	318.1	630.0	1108.	546.6	493.7	45370.
SDev	398.	2.3	.6	.	.6	.2	58.
%RSD	.8727	.7226	.0992	.0440	.1065	.0482	.1271

#1	45370.	319.8	630.5	1108.	547.0	493.5	45330.
#2	45940.	316.5	629.6	1108.	546.2	493.8	45410.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1054.	639.4	721.0	89550.	21700.	2488.	581.5
SDev	4.	2.1	5.6	2.	156.	14.	.3
%RSD	.4246	.3357	.7770	.0025	.7183	.5515	.0584

#1	1050.	637.8	717.1	89550.	21590.	2479.	581.8
#2	1057.	640.9	725.0	89550.	21810.	2498.	581.3

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

24953V1

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24470.	381.5	822.6	452.2	3912.	754.0	592.4
SDev	115.	1.1	3.2	1.8	32.	5.3	3.4
%RSD	.4700	.2968	.3926	.4024	.8177	.7070	.5665
#1	24390.	380.7	820.3	453.5	3935.	750.2	590.0
#2	24550.	382.3	824.9	451.0	3890.	757.7	594.8

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	1309.	594.8	531.7	511.1	1746.	805.9	830.9
SDev	2.	4.4	.7	2.5	5.	2.2	3.7
%RSD	.1530	.7340	.1230	.4933	.2625	.2778	.4482
#1	1308.	591.8	531.2	512.9	1743.	804.3	828.3
#2	1311.	597.9	532.1	509.3	1749.	807.4	833.6

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	453.7	451.5
SDev	2.5	1.5
%RSD	.5613	.3227
#1	455.5	452.5
#2	451.9	450.5

Method: SW846 Sample Name: 940987D-2X Operator:
Run Time: 08/11/08 04:40:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29670.	3.150	3.503	134.4	.6428	-1.107	5710.
SDev	123.	2.245	.581	.1	.0068	.290	16.
%RSD	.4132	71.27	16.58	.0687	1.054	26.22	.2802
#1	29580.	1.563	3.914	134.3	.6380	-.9014	5698.
#2	29760.	4.738	3.092	134.4	.6476	-1.312	5721.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62.22	24.82	99.80	61530.	11420.	3780.	39.46

SDev	.13	.21	.23	93.	58.	21.	.42
%RSD	.2101	.8329	.2340	.1507	.5075	.5662	1.066
#1	62.13	24.96	99.63	61470.	11380.	3765.	39.16
#2	62.32	24.67	99.96	61600.	11470.	3795.	39.76

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1483.	.1038	21.72	.1700	1535.	-2.325	107.4
SDev	3.	.2312	.66	1.581	16.	1.294	.8
%RSD	.2054	222.9	3.033	929.5	1.069	55.67	.7498
#1	1481.	.2673	21.25	-.9476	1547.	-3.240	106.9
#2	1485.	-.0598	22.18	1.288	1524.	-1.410	108.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	71.04	16.62	2.031	5.478	1336.	12.16	26.48
SDev	.09	.99	.149	1.540	4.	2.50	.26
%RSD	.1225	5.977	7.340	28.12	.3091	20.59	.9926
#1	70.98	15.92	2.136	6.567	1333.	10.39	26.67
#2	71.10	17.32	1.925	4.389	1339.	13.93	26.30

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.5875	-.0488
SDev	1.066	1.8376
%RSD	181.4	3764.
#1	-.1661	-1.348
#2	1.341	1.251

Method: SW846 Sample Name: 940987 -2X Operator:
Run Time: 08/11/08 04:46:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30660.	-.1923	6.971	144.9	.7278	-1.046	6497.
SDev	28.	.9110	2.729	.3	.0815	.177	18.
%RSD	.0915	473.7	39.15	.1919	11.19	16.92	.2835
#1	30680.	.4518	8.901	145.1	.7854	-1.171	6510.
#2	30640.	-.8365	5.041	144.7	.6702	-.9207	6484.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.96	23.03	102.8	58820.	11540.	3050.	41.97
SDev	.02	.13	.0	156.	3.	7.	.29
%RSD	.0324	.5714	.0175	.2646	.0262	.2176	.7009
#1	52.95	22.94	102.9	58930.	11540.	3045.	42.17
#2	52.97	23.13	102.8	58710.	11540.	3054.	41.76

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1625.	-.0452	20.28	-.2091	1609.	-4.802	103.6
SDev	16.	.3614	1.02	1.8203	144.	.833	.1
%RSD	.9611	798.9	5.048	870.6	8.960	17.34	.0594
#1	1636.	.2103	19.56	1.078	1711.	-4.213	103.5
#2	1614.	-.3008	21.01	-1.496	1507.	-5.391	103.6

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.78	17.26	2.470	6.678	1538.	9.583	25.62
SDev	.04	.95	.837	2.353	.	3.229	.08
%RSD	.0638	5.515	33.88	35.23	.0069	33.69	.2999
#1	65.81	16.59	3.062	8.342	1538.	7.300	25.68
#2	65.75	17.94	1.878	5.015	1538.	11.87	25.57

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.4031	-.5252
SDev	2.573	4.0137
%RSD	638.3	764.3

#1	-1.416	2.313
#2	2.223	-3.363

Method: SW846 Sample Name: 940987L-2X Operator:
Run Time: 08/11/08 04:52:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6202.	1.073	2.335	28.88	-.3623	-.1597	1311.
SDev	213.	.666	1.603	.78	.0580	.0732	31.
%RSD	3.438	62.14	68.64	2.712	16.00	45.84	2.354
#1	6353.	.6014	3.468	29.43	-.3213	-.1079	1332.
#2	6051.	1.544	1.202	28.33	-.4033	-.2114	1289.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.92	4.538	21.03	11900.	2341.	623.4	7.946
SDev	.05	.507	.48	324.	61.	12.8	.432
%RSD	.4866	11.17	2.294	2.719	2.603	2.059	5.432
#1	10.88	4.179	20.69	12130.	2384.	632.5	8.251
#2	10.95	4.896	21.37	11670.	2298.	614.3	7.641

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	326.2	.4305	2.472	-.5214	482.7	-3.735	20.68
SDev	2.2	.3040	.205	1.7516	20.4	2.355	.51
%RSD	.6726	70.61	8.307	335.9	4.236	63.05	2.473
#1	327.7	.2156	2.326	.7171	468.2	-5.400	21.04
#2	324.6	.6455	2.617	-1.760	497.1	-2.070	20.32

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.56	3.767	.6882	2.361	311.0	1.092	3.156
SDev	.47	.402	.6537	.596	8.5	2.060	1.336
%RSD	3.469	10.67	94.99	25.25	2.725	188.7	42.34
#1	13.89	3.483	1.150	1.939	317.0	2.548	2.211

#2	13.23	4.051	.2259	2.782	305.0	-.3652	4.101

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.768	-1.675
SDev	1.096	2.079
%RSD	61.95	124.1
#1	2.543	-.2050
#2	.9936	-3.145

Method: SW846 Sample Name: 940987MS-2X Operator:
Run Time: 08/11/08 04:58:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

24953V1

Avge	34480.	108.2	942.3	1086.	24.93	23.63	15620.
SDev	343.	1.5	7.3	10.	.27	.33	184.
%RSD	.9953	1.414	.7735	.9505	1.072	1.407	1.181
#1	34240.	109.3	937.2	1078.	24.74	23.40	15490.
#2	34720.	107.2	947.5	1093.	25.12	23.87	15750.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	154.8	265.9	238.9	64910.	21670.	3969.	282.1
SDev	1.6	2.9	2.8	733.	261.	57.	2.6
%RSD	1.027	1.076	1.170	1.129	1.202	1.444	.9248
#1	153.7	263.9	237.0	64390.	21490.	3928.	280.2
#2	155.9	267.9	240.9	65430.	21860.	4009.	283.9

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11020.	23.21	262.9	947.9	11040.	965.3	350.5
SDev	75.	.12	3.1	5.2	127.	1.1	5.5
%RSD	.6779	.5292	1.164	.5535	1.154	.1097	1.576
#1	10970.	23.13	260.8	944.2	10950.	966.1	346.6
#2	11070.	23.30	265.1	951.6	11130.	964.6	354.4

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	306.4	240.1	233.7	227.9	1661.	252.8	268.0
SDev	3.6	2.2	4.4	8.0	19.	1.3	3.9
%RSD	1.159	.9348	1.874	3.528	1.164	.5143	1.470
#1	303.9	238.5	230.6	222.3	1647.	251.8	265.2
#2	309.0	241.7	236.8	233.6	1675.	253.7	270.8

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	951.7	946.0
SDev	5.1	5.3
%RSD	.5356	.5625
#1	948.1	942.2
#2	955.3	949.8

Method: SW846 Sample Name: 940987A-2X Operator:
Run Time: 08/11/08 05:04:04
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33020.	488.7	2028.	2190.	52.08	51.45	27390.
SDev	105.	.6	3.	4.	.19	.05	10.
%RSD	.3191	.1319	.1432	.1922	.3661	.1040	.0373
#1	32940.	489.2	2030.	2193.	52.22	51.42	27390.
#2	33090.	488.3	2026.	2187.	51.95	51.49	27380.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

24953V1

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	258.1	537.5	355.9	59600.	31730.	3559.	554.3
SDev	.5	1.4	.6	105.	94.	14.	.1
%RSD	.2065	.2581	.1694	.1763	.2960	.4056	.0097
#1	257.7	536.5	355.5	59670.	31670.	3548.	554.4
#2	258.4	538.5	356.4	59520.	31800.	3569.	554.3

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22440.	49.92	536.3	2047.	22110.	2085.	621.0
SDev	45.	.25	.8	18.	60.	15.	3.5
%RSD	.2001	.4952	.1477	.8653	.2700	.7142	.5605
#1	22470.	49.74	536.9	2060.	22070.	2075.	618.6
#2	22410.	50.09	535.8	2035.	22150.	2096.	623.5

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	568.2	517.6	508.0	510.3	2054.	525.5	541.8
SDev	1.2	3.1	.8	2.2	.	2.9	.3
%RSD	.2053	.5993	.1609	.4290	.0209	.5604	.0521
#1	569.1	515.4	507.5	508.7	2054.	527.6	541.6
#2	567.4	519.8	508.6	511.8	2055.	523.4	542.0

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2058.	2042.
SDev	7.	23.
%RSD	.3501	1.125
#1	2063.	2058.
#2	2053.	2026.

Method: SW846 Sample Name: 940677-2X Operator:
Run Time: 08/11/08 05:10:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21790.	9.489	46.76	468.8	.6677	3.914	9998.
SDev	9.	.528	1.70	1.9	.0402	.045	4.
%RSD	.0407	5.566	3.632	.4144	6.018	1.155	.0390
#1	21800.	9.116	47.96	470.2	.6393	3.882	9996.
#2	21790.	9.863	45.56	467.4	.6961	3.946	10000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	412.7	19.74	468.2	105400.	7864.	1279.	135.6
SDev	.1	.02	.1	122.	4.	3.	.0
%RSD	.0178	.0903	.0237	.1153	.0473	.2435	.0289
#1	412.7	19.73	468.1	105500.	7861.	1277.	135.5
#2	412.6	19.76	468.3	105300.	7866.	1281.	135.6

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3288.	5.027	895.5	.6572	591.5	-3.411	323.0
SDev	9.	.109	1.9	3.014	22.7	2.826	.9
%RSD	.2840	2.170	.2131	458.6	3.837	82.84	.2852

#1	3295.	5.104	894.1	-1.474	575.4	-1.413	322.4
#2	3282.	4.950	896.8	2.788	607.5	-5.410	323.7

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1368.	49.68	6.572	183.5	755.4	875.6	905.4
SDev	1.	.72	.056	4.3	.7	2.6	1.5
%RSD	.1075	1.440	.8574	2.346	.0942	.3012	.1705

#1	1367.	49.18	6.533	180.4	755.9	873.7	904.3
#2	1369.	50.19	6.612	186.5	754.9	877.5	906.5

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.407	-.7257

SDev	3.438	2.8023
%RSD	100.9	386.1

#1	.9759	-2.707
#2	5.837	1.256

Method: SW846 Sample Name: CCV6 Operator:
Run Time: 08/11/08 05:15:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128700.	1028.	5123.	10290.	1028.	2562.	128900.
SDev	350.	8.	18.	18.	2.	1.	14.
%RSD	.2718	.7680	.3590	.1750	.1902	.0344	.0106

#1	128500.	1033.	5136.	10300.	1029.	2561.	128900.
#2	129000.	1022.	5110.	10270.	1027.	2563.	128800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5147.	2571.	12820.	102700.	128600.	5146.	2560.
SDev	9.	9.	33.	115.	306.	21.	4.
%RSD	.1678	.3632	.2540	.1118	.2383	.4151	.1595

#1	5140.	2565.	12790.	102800.	128400.	5130.	2563.
#2	5153.	2578.	12840.	102600.	128800.	5161.	2557.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51540.	1284.	10290.	5145.	129500.	5115.	2572.
SDev	106.	.	14.	38.	.	2.	11.

%RSD	.2066	.0157	.1377	.7447	.0000	.0333	.4330

#1	51620.	1284.	10300.	5172.	129500.	5116.	2564.
#2	51470.	1284.	10280.	5118.	129500.	5113.	2580.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2570.	1027.	2571.	1031.	10280.	10290.	10290.
SDev	6.	.	.	4.	9.	34.	4.
%RSD	.2200	.0187	.0169	.4338	.0902	.3297	.0417

#1	2566.	1027.	2570.	1027.	10270.	10320.	10290.
#2	2574.	1027.	2571.	1034.	10290.	10270.	10280.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5145.	5145.
SDev	30.	42.
%RSD	.5860	.8239

#1	5166.	5175.
#2	5124.	5115.

Method: SW846 Sample Name: CCB6 Operator:
Run Time: 08/11/08 05:21:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.962	1.035	1.426	-.3903	-.5380	.0012	-7.528
SDev	5.964	2.122	.381	.0002	.0133	.1072	.325

%RSD	150.5	205.0	26.70	.0633	2.467	8581.	4.321
#1	8.180	2.536	1.695	-.3905	-.5473	.0770	-7.758
#2	-.2550	-.4652	1.157	-.3901	-.5286	-.0745	-7.298

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0646	-.1697	.4970	-12.49	14.32	-.2142	-.2179
SDev	.3107	.1658	.1646	5.20	1.83	.0586	.0238
%RSD	481.0	97.68	33.12	41.63	12.77	27.33	10.94
#1	.1551	-.0525	.3806	-16.16	15.61	-.1728	-.2010
#2	-.2843	-.2869	.6134	-8.811	13.02	-.2557	-.2348

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.209	.4326	-1.669	.3631	107.9	1.541	.0803
SDev	7.146	.2397	.288	1.106	42.8	2.242	.2198
%RSD	99.13	55.42	17.27	304.7	39.68	145.5	273.7
#1	-2.156	.6021	-1.873	1.145	138.1	3.126	.2357
#2	-12.26	.2630	-1.465	-.4191	77.59	-.0450	-.0751

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1557	1.263	.2984	2.134	-.1712	-1.536	-1.740
SDev	.0576	.047	1.490	1.922	.0303	.227	.545
%RSD	37.01	3.746	499.1	90.06	17.70	14.76	31.34
#1	-.1964	1.229	1.352	3.493	-.1497	-1.376	-2.126
#2	-.1149	1.296	-.7548	.7751	-.1926	-1.696	-1.355

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.418	-1.172
SDev	5.076	.876
%RSD	148.5	74.69

#1	7.007	-1.792

#2	-.1716	-.5533

Method: SW846 Sample Name: 940678-2X Operator:
Run Time: 08/11/08 05:27:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24180.	7.034	48.58	557.6	1.141	4.843	7877.
SDev	164.	.654	.81	1.7	.008	.082	24.
%RSD	.6798	9.294	1.661	.3076	.6915	1.689	.3097
#1	24070.	7.496	49.15	556.4	1.147	4.901	7860.
#2	24300.	6.572	48.01	558.9	1.136	4.785	7895.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	638.9	20.04	918.8	77630.	9104.	752.1	151.6
SDev	2.1	.07	6.0	198.	60.	3.7	.1
%RSD	.3237	.3738	.6545	.2554	.6589	.4874	.0484
#1	637.4	19.98	914.5	77490.	9061.	749.5	151.5
#2	640.3	20.09	923.0	77770.	9146.	754.7	151.6

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3627.	15.54	1011.	2.575	576.9	-1.562	303.3
SDev	16.	.21	3.	.690	47.1	3.034	2.1
%RSD	.4540	1.375	.2474	26.81	8.158	194.3	.6875
#1	3616.	15.69	1009.	2.087	610.2	-3.707	301.8
#2	3639.	15.39	1013.	3.063	543.6	.5840	304.7

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1403.	38.28	6.109	192.5	817.6	1002.	1016.
SDev	3.	1.17	.577	.5	3.5	1.	4.
%RSD	.1983	3.063	9.438	.2484	.4285	.0620	.3997
#1	1401.	39.10	6.517	192.8	815.1	1002.	1013.
#2	1405.	37.45	5.702	192.1	820.1	1002.	1018.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.089	2.309
SDev	4.119	3.092
%RSD	133.4	133.9
#1	6.001	.1223

#2	.1757	4.495

Method: SW846 Sample Name: 940679-2X Operator:
Run Time: 08/11/08 05:33:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18160.	6.290	38.67	374.3	.6855	4.232	7758.
SDev	90.	.508	3.41	.4	.1109	.039	13.

%RSD	.4942	8.077	8.807	.1026	16.17	.9213	.1622
#1	18100.	6.649	36.26	374.6	.7639	4.260	7767.
#2	18220.	5.931	41.08	374.0	.6071	4.205	7749.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	739.1	16.35	759.1	80210.	6370.	644.4	144.5
SDev	.2	.25	2.1	176.	32.	2.6	.9
%RSD	.0328	1.550	.2823	.2190	.5044	.3992	.6408
#1	738.9	16.53	757.6	80330.	6347.	642.5	143.8
#2	739.3	16.17	760.7	80080.	6392.	646.2	145.1

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2467.	6.553	821.3	-1.633	474.6	-6.801	325.7
SDev	2.	.180	.6	2.560	26.2	5.328	2.3
%RSD	.0985	2.751	.0699	156.8	5.517	78.35	.7194
#1	2469.	6.426	821.8	-3.443	493.1	L-10.57	324.0
#2	2465.	6.681	820.9	.1778	456.0	-3.033	327.3

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1657.	36.02	6.945	138.9	653.2	802.8	830.6
SDev	3.	.04	.097	2.3	.9	.1	.8
%RSD	.2003	.1172	1.401	1.683	.1420	.0106	.0985
#1	1659.	35.99	6.876	137.3	652.5	802.9	831.2
#2	1655.	36.05	7.014	140.6	653.8	802.7	830.0

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.104	-1.408
SDev	2.600	2.541
%RSD	123.6	180.5
#1	-3.942	-3.204
#2	-.2654	.3888

Method: SW846 Sample Name: 940512-2X Operator:
Run Time: 08/11/08 05:39:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	101500.	.3340	17.41	92.29	1.399	-2.263	2202.
SDev	220.	.2392	5.12	.00	.019	.434	6.
%RSD	.2167	71.62	29.42	.0003	1.393	19.18	.2612
#1	101300.	.5032	13.79	92.29	1.413	-2.569	2198.
#2	101600.	.1648	21.03	92.29	1.385	-1.956	2206.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.91	19.32	82.42	162000.	443.0	3790.	24.72

SDev	.05	.27	.44	13.	.5	15.	.04
%RSD	.2461	1.399	.5323	.0083	.1118	.4077	.1627
#1	21.87	19.51	82.11	162000.	443.3	3779.	24.75
#2	21.95	19.13	82.73	162100.	442.6	3801.	24.69

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	558.3	.5493	35.78	.2428	345.5	-6.139	26.01
SDev	2.9	.1664	.43	1.707	59.1	1.542	.02
%RSD	.5261	30.29	1.210	703.1	17.10	25.12	.0846
#1	560.4	.6669	35.47	1.450	387.3	-7.229	25.99
#2	556.2	.4316	36.08	-.9644	303.7	-5.048	26.03

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124.1	16.95	2.575	8.348	70.81	7.458	49.91
SDev	.6	.01	.291	.675	.19	.275	.79
%RSD	.5003	.0650	11.31	8.088	.2701	3.688	1.575
#1	123.6	16.95	2.369	7.870	70.67	7.653	49.35
#2	124.5	16.96	2.781	8.825	70.94	7.264	50.46

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.905	-.5973
SDev	1.044	3.0808
%RSD	54.82	515.8
#1	1.166	1.581
#2	2.643	-2.776

Method: SW846 Sample Name: 940513-2X Operator:
Run Time: 08/11/08 05:45:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97730.	.1817	49.01	217.3	.2379	-.4927	3063.
SDev	115.	.7902	.53	.6	.1059	.1456	1.
%RSD	.1174	435.0	1.080	.2830	44.52	29.55	.0393
#1	97810.	-.3771	48.64	217.7	.3127	-.3897	3062.
#2	97640.	.7404	49.39	216.8	.1630	-.5956	3064.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23.13	18.51	143.0	47390.	902.1	H23690.	43.23
SDev	.04	.56	.2	69.	4.2	96.	.88
%RSD	.1522	3.035	.1228	.1463	.4694	.4055	2.033
#1	23.11	18.11	142.9	47440.	899.1	H23620.	42.61
#2	23.16	18.90	143.2	47340.	905.1	H23760.	43.85

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1155.	.5907	15.12	.9232	503.2	-3.939	32.61
SDev	7.	.1015	.86	1.284	14.7	.535	.02
%RSD	.6078	17.19	5.688	139.1	2.919	13.59	.0615
#1	1160.	.5189	14.52	.0149	513.6	-4.318	32.59
#2	1150.	.6625	15.73	1.831	492.9	-3.561	32.62

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	116.8	31.43	4.363	4.236	132.4	13.80	15.78
SDev	.5	.72	.242	.829	.4	1.71	.44
%RSD	.3934	2.280	5.545	19.57	.2813	12.39	2.762
#1	116.5	31.93	4.534	4.823	132.2	12.60	15.47
#2	117.1	30.92	4.192	3.650	132.7	15.01	16.09

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.857	-1.051
SDev	1.007	2.428
%RSD	20.73	231.0
#1	5.569	-2.768
#2	4.145	.6657

Method: SW846 Sample Name: 940664-2X Operator:
Run Time: 08/11/08 05:51:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	75590.	1.641	13.13	445.2	5.853	-2.497	9447.
SDev	21.	2.825	4.20	1.1	.035	.235	11.
%RSD	.0275	172.2	32.01	.2500	.5947	9.395	.1184
#1	75600.	3.639	10.16	446.0	5.878	-2.663	9439.
#2	75570.	-.3572	16.10	444.4	5.828	-2.331	9455.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	157.5	92.78	28.09	159300.	46270.	3078.	190.0
SDev	.4	.88	.07	41.	53.	17.	.4
%RSD	.2233	.9460	.2570	.0256	.1153	.5386	.2215
#1	157.3	92.16	28.14	159300.	46230.	3066.	190.3
#2	157.8	93.40	28.04	159300.	46300.	3090.	189.7

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21620.	-.2770	120.9	-2.133	1848.	-8.371	159.4
SDev	97.	.2530	1.3	4.938	38.	.403	.6
%RSD	.4494	91.36	1.061	231.5	2.073	4.809	.3983
#1	21690.	-.4559	120.0	L-5.625	1875.	-8.086	158.9
#2	21560.	-.0980	121.8	1.359	1820.	-8.655	159.8

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	437.5	99.46	4.448	13.44	2899.	91.88	135.4
SDev	1.3	1.51	.217	2.69	6.	.53	2.2
%RSD	.3033	1.513	4.868	20.03	.1923	.5750	1.615
#1	436.6	98.39	4.601	11.53	2895.	92.25	133.8
#2	438.5	100.5	4.295	15.34	2903.	91.51	136.9

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	3.138	-4.774
SDev	4.708	5.053
%RSD	150.1	105.8
#1	-.1916	-8.347
#2	6.467	-1.201

Method: SW846 Sample Name: 940665-2X Operator:
Run Time: 08/11/08 05:57:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	76220.	.9239	40.31	555.0	4.248	7.186	11790.
SDev	107.	1.601	.85	.2	.018	.415	1.
%RSD	.1408	173.2	2.113	.0382	.4198	5.777	.0121
#1	76140.	2.056	40.91	555.1	4.235	6.893	11790.
#2	76290.	-.2079	39.71	554.8	4.260	7.480	11790.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	173.6	66.15	119.8	158400.	29790.	3475.	196.9

SDev	.4	.12	.0	125.	77.	8.	.3
%RSD	.2088	.1800	.0177	.0786	.2577	.2422	.1736
#1	173.4	66.23	119.8	158500.	29740.	3469.	196.6
#2	173.9	66.07	119.8	158300.	29850.	3481.	197.1

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10380.	3.782	245.1	-1.915	963.5	-5.204	166.4
SDev	15.	.210	.5	.583	17.0	1.637	.6
%RSD	.1456	5.559	.1862	30.44	1.761	31.45	.3731
#1	10390.	3.633	244.8	-1.502	975.5	-4.047	166.0
#2	10370.	3.931	245.4	-2.327	951.5	-6.361	166.9

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	584.4	64.24	5.556	15.58	1437.	220.0	257.6
SDev	1.3	.03	.484	1.11	.	2.0	1.7
%RSD	.2184	.0426	8.713	7.109	.0011	.9136	.6551
#1	583.5	64.23	5.214	14.79	1437.	221.5	256.5
#2	585.3	64.26	5.898	16.36	1437.	218.6	258.8

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.088	-3.424
SDev	3.417	.832
%RSD	314.1	24.30
#1	3.504	-4.012
#2	-1.328	-2.836

Method: SW846 Sample Name: 940676 Operator:
Run Time: 08/11/08 06:03:31
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.697	.4707	1.531	-.1551	-.4979	.0081	21.94
SDev	10.00	1.186	1.344	.0817	.1120	.0334	.25
%RSD	270.5	251.9	87.76	52.66	22.50	413.9	1.154
#1	10.77	1.309	2.481	-.0973	-.4187	-.0155	21.76
#2	-3.375	-.3677	.5810	-.2128	-.5771	.0317	22.12

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3674	.4228	.9146	.6192	16.61	.3853	.3911
SDev	.1074	.4285	.1646	.0441	4.24	.1123	.3773
%RSD	29.23	101.3	17.99	7.122	25.54	29.15	96.46
#1	-.4433	.1198	.7982	.6504	19.61	.4647	.6579
#2	-.2914	.7258	1.031	.5880	13.61	.3059	.1244

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-18.91	.6348	-1.499	-.8129	167.6	-1.453	.0389
SDev	1.74	.1650	1.633	.6497	3.2	2.177	.0402
%RSD	9.221	25.99	109.0	79.92	1.902	149.8	103.3
#1	-17.68	.7515	-.3439	-1.272	165.4	.0865	.0105
#2	-20.14	.5181	-2.653	-.3535	169.9	-2.992	.0673

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8507	44.62	-.8189	1.286	.3366	-2.715	-.8955
SDev	.1139	.21	.8718	2.282	.0314	1.668	1.6154
%RSD	13.39	.4817	106.5	177.4	9.327	61.43	180.4
#1	.7701	44.47	-1.435	-.3276	.3588	-1.536	.2467
#2	.9312	44.77	-.2024	2.900	.3144	-3.895	-2.038

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	7.894	-5.170
SDev	1.425	1.686
%RSD	18.06	32.60
#1	8.902	-6.362
#2	6.886	-3.978

Method: SW846 Sample Name: 940982-2X Operator:
Run Time: 08/11/08 06:09:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28180.	.0558	19.80	219.9	.9282	-3.399	17670.
SDev	6.	.3028	2.17	.2	.0271	.376	2.
%RSD	.0209	542.9	10.95	.1127	2.914	11.06	.0100
#1	28180.	-.1583	18.26	220.1	.9091	-3.665	17680.
#2	28190.	.2699	21.33	219.8	.9473	-3.133	17670.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	88.31	50.69	830.0	H206000.	11030.	1729.	99.07

SDev	.17	.24	1.7	216.	25.	5.	1.24
%RSD	.1884	.4681	.2094	.1047	.2301	.2958	1.253
#1	88.19	50.85	828.8	H206200.	11010.	1726.	99.95
#2	88.43	50.52	831.2	H205900.	11040.	1733.	98.19

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2375.	.7823	874.1	4.141	2042.	-6.959	172.9
SDev	4.	.0104	1.1	2.025	97.	4.171	1.2
%RSD	.1753	1.325	.1244	48.89	4.730	59.94	.7119
#1	2378.	.7896	873.4	2.710	1973.	-4.010	172.0
#2	2372.	.7749	874.9	5.573	2110.	-9.909	173.8

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	444.7	28.16	12.06	73.24	1524.	835.0	893.7
SDev	.6	1.04	.46	1.78	1.	3.5	.1
%RSD	.1296	3.679	3.813	2.435	.0727	.4182	.0127
#1	445.1	28.90	12.38	71.98	1523.	832.5	893.8

#2	444.3	27.43	11.73	74.50	1525.	837.4	893.6

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5.307	3.549
SDev	4.672	.703
%RSD	88.05	19.80
#1	2.003	3.052
#2	8.611	4.046

Method: SW846 Sample Name: 940983-2X Operator:
Run Time: 08/11/08 06:15:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43250.	.2876	6.934	264.1	2.108	-1.714	11800.
SDev	233.	.7519	.663	.1	.098	.200	9.
%RSD	.5387	261.4	9.566	.0269	4.649	11.68	.0722
#1	43090.	.8192	6.465	264.1	2.177	-1.855	11800.
#2	43420.	-.2441	7.403	264.2	2.038	-1.572	11790.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	180.3	47.77	125.6	102700.	26080.	1779.	95.78
SDev	.1	.13	.4	160.	115.	6.	.55
%RSD	.0636	.2630	.2874	.1559	.4419	.3378	.5751
#1	180.2	47.68	125.4	102800.	26000.	1775.	96.17
#2	180.4	47.86	125.9	102600.	26160.	1784.	95.39

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

24953V1

Avge	3124.	.2486	33.83	-1.507	1703.	-6.011	186.3
SDev	7.	.0316	.99	2.347	26.	.576	.6
%RSD	.2196	12.72	2.927	155.7	1.521	9.585	.3185
#1	3129.	.2263	34.54	.1525	1721.	-5.604	185.9
#2	3119.	.2710	33.13	-3.167	1685.	-6.419	186.7

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	265.5	15.68	1.188	9.683	1681.	14.07	43.70
SDev	.4	.32	.772	.109	2.	2.38	.30
%RSD	.1600	2.042	65.03	1.129	.1385	16.91	.6798
#1	265.8	15.90	1.734	9.761	1679.	15.75	43.91
#2	265.2	15.45	.6414	9.606	1682.	12.39	43.49

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.698	-3.617
SDev	6.042	.503
%RSD	223.9	13.90
#1	6.971	-3.262
#2	-1.574	-3.973

Method: SW846 Sample Name: 940986-2X Operator:
Run Time: 08/11/08 06:21:23
Comment:

Analysis Report 08/11/08 06:27:16 AM page 355

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	40400.	2.537	12.95	223.3	1.763	-1.569	21550.
SDev	178.	.658	.80	.0	.128	.032	29.
%RSD	.4415	25.94	6.178	.0060	7.258	2.007	.1335
#1	40280.	3.002	13.52	223.3	1.853	-1.591	21570.
#2	40530.	2.071	12.39	223.3	1.673	-1.547	21530.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	69.06	54.87	214.2	105300.	20730.	1963.	90.48
SDev	.33	.00	1.7	269.	71.	8.	.17
%RSD	.4849	.0045	.8029	.2551	.3402	.3878	.1900
#1	68.83	54.87	213.0	105500.	20680.	1957.	90.60
#2	69.30	54.87	215.4	105200.	20780.	1968.	90.36

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3039.	.3994	300.6	-.6589	2368.	-4.512	134.6
SDev	8.	.0956	.4	3.8014	51.	1.260	.5
%RSD	.2527	23.95	.1280	577.0	2.156	27.93	.3872
#1	3044.	.4670	300.4	-3.347	2332.	-5.404	134.3
#2	3034.	.3318	300.9	2.029	2404.	-3.621	135.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	211.1	56.72	6.257	32.86	1942.	282.0	310.0
SDev	.6	.58	1.057	2.12	3.	.3	.4

%RSD	.2750	1.031	16.89	6.464	.1337	.0943	.1433
#1	211.5	56.30	7.004	31.36	1940.	281.8	309.6
#2	210.7	57.13	5.509	34.36	1944.	282.2	310.3

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.1023	-.9471
SDev	6.9182	2.2454
%RSD	6764.	237.1
#1	-4.994	-2.535
#2	4.790	.6406

Method: SW846 Sample Name: CCV7 Operator:
Run Time: 08/11/08 06:27:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128600.	1019.	5093.	10240.	1022.	2548.	128200.
SDev	676.	11.	12.	2.	1.	2.	167.
%RSD	.5257	1.032	.2278	.0171	.1073	.0979	.1305
#1	128100.	1027.	5101.	10250.	1023.	2547.	128100.
#2	129100.	1012.	5085.	10240.	1021.	2550.	128300.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5120.	2563.	12790.	102200.	128400.	5131.	2550.
SDev	16.	4.	52.	85.	631.	19.	1.
%RSD	.3150	.1625	.4086	.0827	.4914	.3636	.0493
#1	5109.	2560.	12750.	102200.	128000.	5118.	2549.
#2	5131.	2566.	12830.	102300.	128900.	5144.	2551.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51470.	1280.	10250.	5128.	129800.	5116.	2562.
SDev	137.	2.	25.	3.	909.	9.	17.
%RSD	.2655	.1458	.2471	.0639	.7001	.1853	.6442
#1	51380.	1278.	10230.	5126.	129200.	5109.	2550.
#2	51570.	1281.	10270.	5130.	130500.	5122.	2573.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2561.	1025.	2559.	1031.	10220.	10300.	10220.
SDev	.	3.	.	7.	15.	34.	21.
%RSD	.0101	.2962	.0039	.7223	.1499	.3301	.2054
#1	2561.	1023.	2559.	1026.	10210.	10280.	10210.
#2	2562.	1027.	2559.	1037.	10230.	10330.	10240.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5149.	5117.

SDev	28.	9.
%RSD	.5354	.1729

#1	5129.	5124.
#2	5168.	5111.

Method: SW846 Sample Name: CCB7 Operator:
Run Time: 08/11/08 06:33:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.095	2.586	2.176	-.2708	-.4160	-.0197	-7.553
SDev	2.672	3.122	1.730	.0000	.1371	.2998	.776
%RSD	244.1	120.7	79.50	.0000	32.95	1521.	10.27
#1	.7948	4.794	.9528	-.2708	-.3191	-.2317	-8.101
#2	-2.985	.3791	3.399	-.2708	-.5129	.1923	-7.004

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0952	-.0529	.1434	-9.403	17.37	-.0900	-.0587
SDev	.3110	.3317	.3336	2.266	2.47	.0002	.0152
%RSD	326.6	626.5	232.6	24.10	14.20	.2411	25.95
#1	.1247	.1816	-.0925	-11.00	19.12	-.0898	-.0695
#2	-.3151	-.2875	.3793	-7.801	15.63	-.0901	-.0479

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.15	.3571	-1.555	-.2807	113.4	.5925	.1781
SDev	15.97	.1257	1.002	.4873	66.6	.7138	.4376

%RSD	121.4	35.20	64.45	173.6	58.66	120.5	245.8
#1	24.45	.2682	-2.263	.0639	160.5	1.097	.4875
#2	1.859	.4460	-.8462	-.6253	66.39	.0878	-.1314

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2832	.6333	1.155	-1.268	.0092	-2.364	-1.156
SDev	.0223	.1240	1.050	.665	.0952	.414	1.296
%RSD	7.884	19.58	90.96	52.43	1038.	17.50	112.1
#1	-.2990	.5456	1.898	-1.738	.0765	-2.656	-2.072
#2	-.2674	.7210	.4121	-.7977	-.0581	-2.071	-.2392

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.614	-1.237
SDev	2.999	2.228
%RSD	185.8	180.0
#1	-.5063	.3379
#2	3.734	-2.812

Method: SW846 Sample Name: 940988-2X Operator:
Run Time: 08/11/08 06:39:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36980.	3.608	16.19	382.7	.8359	-1.631	29050.

SDev	199.	.503	.46	1.5	.0322	.179	86.

%RSD	.5382	13.95	2.867	.3790	3.852	10.99	.2947
#1	37120.	3.253	16.51	383.7	.8587	-1.758	28990.
#2	36840.	3.964	15.86	381.6	.8132	-1.504	29110.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63.97	49.63	434.6	133800.	14500.	3089.	132.9
SDev	.67	.39	1.4	152.	25.	18.	1.4
%RSD	1.045	.7881	.3299	.1139	.1707	.5981	1.033
#1	63.49	49.36	435.6	133700.	14520.	3076.	131.9
#2	64.44	49.91	433.5	133900.	14490.	3102.	133.8

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2572.	.8661	696.5	-.2973	2910.	-6.007	177.0
SDev	15.	.5019	1.8	.7402	75.	.018	1.1
%RSD	.5813	57.95	.2556	249.0	2.569	.3009	.6279
#1	2582.	.5112	695.2	.2261	2857.	-5.994	176.3
#2	2561.	1.221	697.7	-.8207	2963.	-6.019	177.8

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	269.0	24.61	5.923	82.97	3554.	670.3	709.6
SDev	1.0	.10	.991	3.60	9.	2.2	1.5
%RSD	.3651	.4059	16.73	4.336	.2509	.3346	.2184
#1	268.3	24.54	5.223	80.43	3548.	668.7	708.5
#2	269.7	24.69	6.624	85.52	3561.	671.9	710.6

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.948	.5165
SDev	4.121	3.167
%RSD	211.6	613.2
#1	-4.862	2.756
#2	.9662	-1.723

Method: SW846 Sample Name: 940989-2X Operator:
Run Time: 08/11/08 06:45:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47390.	-.5206	7.881	224.7	1.663	-1.787	8929.
SDev	243.	.8123	.335	.2	.008	.065	24.
%RSD	.5117	156.0	4.255	.0847	.4521	3.623	.2707
#1	47220.	.0538	7.643	224.5	1.658	-1.741	8911.
#2	47560.	-1.095	8.118	224.8	1.669	-1.832	8946.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	158.2	43.45	119.7	99810.	24530.	2164.	86.32
SDev	.8	.25	.4	138.	125.	10.	.79
%RSD	.5227	.5691	.3584	.1384	.5085	.4781	.9170

#1	157.6	43.28	119.4	99710.	24440.	2157.	85.76
#2	158.8	43.63	120.0	99910.	24620.	2172.	86.88

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2349.	.0273	38.47	-1.761	2065.	-3.893	170.9
SDev	14.	.1289	1.50	1.046	48.	1.861	1.2
%RSD	.6001	472.0	3.905	59.42	2.341	47.80	.7232
#1	2339.	-.0638	39.53	-2.501	2031.	-5.209	170.0
#2	2359.	.1184	37.40	-1.021	2099.	-2.577	171.7

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	146.3	17.58	1.253	6.304	2529.	21.50	46.93
SDev	1.4	.11	1.336	.257	6.	4.73	.11
%RSD	.9291	.6241	106.6	4.079	.2194	22.00	.2321
#1	145.4	17.65	.3089	6.122	2525.	24.84	46.86
#2	147.3	17.50	2.198	6.485	2533.	18.16	47.01

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.5842	-2.359
SDev	.6440	1.890
%RSD	110.2	80.13
#1	-.1289	-3.695

#2	-1.040	-1.022

Method: SW846 Sample Name: 940990-2X Operator:
Run Time: 08/11/08 06:51:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18650.	-.9454	20.02	331.1	.6458	-1.390	16040.
SDev	42.	1.0176	.56	1.3	.0464	.003	4.
%RSD	.2229	107.6	2.802	.4021	7.190	.2506	.0228
#1	18620.	-.2258	19.62	332.0	.6786	-1.388	16040.
#2	18680.	-1.665	20.42	330.2	.6129	-1.392	16040.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.76	42.83	196.1	157100.	4488.	5063.	67.72
SDev	.17	.22	.2	91.	10.	24.	.45
%RSD	.3992	.5252	.0851	.0578	.2303	.4827	.6573
#1	42.88	42.99	196.0	157200.	4480.	5046.	68.03
#2	42.64	42.67	196.2	157000.	4495.	5080.	67.40

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1824.	.7796	426.4	3.426	950.0	-4.406	97.80
SDev	5.	.2867	1.0	6.088	41.5	.115	.07
%RSD	.2793	36.77	.2407	177.7	4.365	2.600	.0677
#1	1828.	.5769	427.1	-.8790	920.7	-4.487	97.75

#2	1821.	.9823	425.6	7.731	979.3	-4.325	97.84

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	142.7	24.45	6.864	32.07	1277.	393.2	442.9
SDev	.3	.69	.705	1.91	2.	2.3	.4
%RSD	.1888	2.825	10.27	5.962	.1607	.5772	.0916
#1	142.9	24.94	7.363	30.72	1275.	394.8	443.2
#2	142.5	23.96	6.366	33.42	1278.	391.6	442.7

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.944	3.656
SDev	11.80	3.237
%RSD	400.8	88.53
#1	-5.399	1.367
#2	11.29	5.945

Method: SW846 Sample Name: 940991-2X Operator:
Run Time: 08/11/08 07:14:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23030.	6.669	15.65	689.9	.9710	2.060	78390.
SDev	26.	.954	.67	2.1	.0325	.066	43.
%RSD	.1107	14.30	4.270	.3094	3.343	3.182	.0553
#1	23050.	5.994	16.12	691.4	.9940	2.014	78430.
#2	23010.	7.343	15.18	688.3	.9481	2.106	78360.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	320.7	29.65	376.1	72280.	16840.	1058.	289.9
SDev	.5	.10	.1	115.	9.	1.	.5
%RSD	.1501	.3350	.0367	.1595	.0515	.1338	.1674
#1	320.3	29.72	376.0	72360.	16840.	1057.	290.2
#2	321.0	29.58	376.2	72200.	16850.	1059.	289.5

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5289.	1.154	4029.	.2698	783.8	.0131	2219.
SDev	22.	.063	4.	1.528	48.7	4.204	7.
%RSD	.4239	5.497	.0900	566.3	6.214	32210.	.3212
#1	5304.	1.109	4032.	-.8106	818.2	2.986	2214.
#2	5273.	1.199	4027.	1.350	749.4	-2.960	2225.

Avge	1027.	27.81	5.573	73.88	1789.	4053.	4017.
SDev	.	.67	.521	1.61	1.	6.	2.
%RSD	.0158	2.416	9.347	2.177	.0508	.1550	.0573
#1	1027.	28.28	5.204	72.74	1789.	4057.	4019.

#2	1027.	27.33	5.941	75.01	1788.	4048.	4016.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.9027	.8447
SDev	3.4069	.5901
%RSD	377.4	69.85
#1	-3.312	.4275
#2	1.506	1.262

Method: SW846 Sample Name: 940992-2X Operator:
Run Time: 08/11/08 07:20:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30700.	6.339	70.06	392.4	1.140	3.590	56470.
SDev	118.	1.415	2.77	1.4	.009	.150	165.
%RSD	.3839	22.31	3.959	.3658	.7778	4.165	.2923
#1	30780.	5.339	68.10	393.4	1.134	3.484	56590.
#2	30610.	7.339	72.02	391.4	1.146	3.696	56350.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	64.88	39.19	658.9	184100.	8850.	1536.	71.06

SDev	.20	.27	2.9	783.	25.	.	.86
%RSD	.3116	.6934	.4340	.4252	.2794	.0096	1.207
#1	65.02	39.00	660.9	184600.	8868.	1535.	71.67
#2	64.73	39.38	656.9	183500.	8833.	1536.	70.46

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2280.	.4887	1437.	4.882	721.0	-6.662	97.69
SDev	20.	.5401	8.	2.068	3.5	3.685	.05
%RSD	.8938	110.5	.5234	42.35	.4882	55.31	.0517
#1	2295.	.1068	1443.	3.420	723.5	-9.268	97.73
#2	2266.	.8706	1432.	6.344	718.5	-4.056	97.66

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2440.	24.34	7.077	269.6	870.4	1407.	1453.
SDev	2.	.05	.161	.8	2.1	5.	9.
%RSD	.1014	.2021	2.274	.3012	.2447	.3338	.6151
#1	2442.	24.31	7.191	270.1	871.9	1410.	1459.
#2	2439.	24.38	6.963	269.0	868.9	1404.	1446.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5.662	4.482
SDev	.348	2.926
%RSD	6.144	65.29
#1	5.416	2.413
#2	5.908	6.551

Method: SW846 Sample Name: 940993-2X Operator:
Run Time: 08/11/08 07:26:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16760.	3.070	30.49	340.3	.9590	-.6795	29800.
SDev	26.	1.105	1.69	.4	.0247	.0705	88.
%RSD	.1539	35.98	5.545	.1138	2.574	10.38	.2953
#1	16740.	2.289	29.29	340.6	.9416	-.7293	29740.
#2	16780.	3.851	31.68	340.1	.9765	-.6296	29860.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	57.40	24.24	619.4	99120.	7222.	1483.	56.71
SDev	.14	.15	1.3	218.	28.	7.	.37
%RSD	.2470	.6017	.2095	.2199	.3832	.4870	.6512
#1	57.50	24.34	618.5	98960.	7202.	1478.	56.97
#2	57.30	24.14	620.3	99270.	7241.	1488.	56.45

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1870.	.6126	1660.	3.612	1021.	-4.230	56.46
SDev	3.	.1223	3.	.188	13.	.050	.93
%RSD	.1550	19.97	.1635	5.217	1.320	1.180	1.648
#1	1868.	.5261	1658.	3.745	1012.	-4.265	55.80
#2	1872.	.6991	1662.	3.478	1031.	-4.194	57.12

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1069.	27.09	2.750	184.6	543.9	1661.	1659.
SDev	4.	.05	.089	2.9	1.5	5.	1.
%RSD	.3870	.1691	3.230	1.566	.2762	.3106	.0900
#1	1066.	27.12	2.687	182.6	542.9	1658.	1658.
#2	1072.	27.06	2.813	186.7	545.0	1665.	1660.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.780	4.016
SDev	4.912	2.170
%RSD	176.7	54.03
#1	6.254	2.482
#2	-.6932	5.551

Method: SW846 Sample Name: 940994-2X Operator:
Run Time: 08/11/08 07:32:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21650.	11.43	22.26	1740.	1.348	3.316	116400.
SDev	12.	.27	6.73	4.	.063	.065	237.
%RSD	.0559	2.387	30.23	.2380	4.644	1.973	.2032
#1	21650.	11.62	27.01	1743.	1.392	3.270	116600.
#2	21660.	11.24	17.50	1737.	1.304	3.363	116300.

24953V1

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	474.4	27.45	648.1	100800.	18540.	1319.	282.2
SDev	.4	.07	.1	314.	6.	2.	.1
%RSD	.0840	.2539	.0139	.3111	.0305	.1594	.0400
#1	474.7	27.40	648.0	101000.	18540.	1317.	282.1
#2	474.2	27.50	648.2	100600.	18550.	1320.	282.3

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2526.	.8381	2011.	1.671	1048.	-3.814	1711.
SDev	13.	.1750	3.	1.330	120.	.621	3.
%RSD	.5202	20.88	.1718	79.62	11.41	16.29	.1679
#1	2535.	.9618	2014.	.7301	1133.	-3.375	1709.
#2	2516.	.7144	2009.	2.611	963.8	-4.253	1713.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H11750.	28.97	6.047	133.6	883.0	2022.	2006.
SDev	27.	1.53	.114	4.0	.5	10.	.
%RSD	.2308	5.275	1.882	3.026	.0555	.4715	.0209
#1	H11770.	30.05	5.966	130.7	883.4	2029.	2006.

#2	H11730.	27.89	6.127	136.5	882.7	2015.	2006.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.016	.9884
SDev	.310	2.149
%RSD	10.28	217.4
#1	3.235	-.5314
#2	2.797	2.508

Method: SW846 Sample Name: 940995-2X Operator:
Run Time: 08/11/08 07:37:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	66070.	.7888	8.217	398.1	2.901	-2.326	15880.
SDev	72.	1.630	1.032	.8	.072	.185	41.
%RSD	.1090	206.7	12.56	.1988	2.487	7.962	.2603
#1	66120.	-.3640	7.487	398.6	2.952	-2.457	15850.
#2	66020.	1.941	8.946	397.5	2.850	-2.195	15910.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.5	80.86	225.7	155900.	48190.	2870.	149.5
SDev	2.4	.59	.8	74.	25.	15.	.9
%RSD	.4730	.7359	.3441	.0475	.0513	.5258	.6299
#1	500.8	80.44	225.1	155900.	48180.	2860.	148.8
#2	504.1	81.28	226.2	156000.	48210.	2881.	150.2

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4545.	-.1605	46.70	-4.690	2784.	-7.356	303.8
SDev	27.	.2039	.16	3.184	43.	.009	1.2
%RSD	.5853	127.1	.3422	67.88	1.560	.1281	.4041
#1	4564.	-.3047	46.59	-2.439	2753.	-7.363	303.0
#2	4527.	-.0163	46.81	L-6.941	2814.	-7.350	304.7

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	274.6	22.15	43.61	8.301	1713.	17.20	61.42
SDev	2.7	.24	1.00	.157	2.	1.14	.81
%RSD	.9707	1.097	2.297	1.892	.1433	6.627	1.317
#1	272.7	22.32	42.90	8.412	1711.	18.01	60.85
#2	276.5	21.98	44.32	8.190	1715.	16.40	61.99

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.557	-5.266
SDev	4.395	2.578
%RSD	123.6	48.97
#1	-.4486	-3.442
#2	-6.665	-7.089

Method: SW846 Sample Name: ICSA3 Operator:
Run Time: 08/11/08 07:43:53
Comment:

Analysis Report 08/11/08 07:49:46 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	497700.	.1805	-1.460	.5357	-.1447	-2.380	480700.
SDev	850.	3.374	1.849	.0478	.0306	.110	151.
%RSD	.1709	1870.	126.6	8.919	21.14	4.642	.0314
#1	497100.	2.567	-2.768	.5694	-.1663	-2.458	480800.
#2	498300.	-2.206	-.1531	.5019	-.1230	-2.301	480600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.012	-1.145	2.517	203500.	542600.	.4989	-1.976
SDev	.216	.060	.009	287.	1321.	.1867	.025
%RSD	21.37	5.199	.3539	.1412	.2434	37.41	1.244
#1	1.165	-1.103	2.523	203700.	541700.	.6309	-1.994
#2	.8593	-1.188	2.510	203300.	543600.	.3669	-1.959

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.67	.0793	H7.339	-9.504	141.9	L-12.10	.3942
SDev	3.51	.0182	.075	.639	93.5	.96	.3060
%RSD	7.357	22.94	1.029	6.724	65.93	7.939	77.63
#1	50.15	.0664	H7.392	-9.052	208.0	L-12.78	.6105
#2	45.19	.0921	H7.286	-9.956	75.74	L-11.42	.1778

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

24953V1

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.534	2.550	.2565	1.890	-12.31	17.35	2.334
SDev	1.216	.110	3.441	.211	.09	2.17	1.195
%RSD	26.82	4.321	1341.	11.19	.6970	12.49	51.22
#1	5.393	2.628	2.689	1.741	-12.37	15.82	3.179
#2	3.674	2.472	-2.176	2.040	-12.25	18.89	1.488

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-9.050	-9.742
SDev	.544	.687
%RSD	6.009	7.048
#1	-8.666	-9.257
#2	-9.435	-10.23

Method: SW846 Sample Name: ICSAB3 Operator:
Run Time: 08/11/08 07:49:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482300.	104.9	99.70	108.4	100.9	96.51	466800.
SDev	4605.	5.2	3.54	.5	1.1	.89	4997.
%RSD	.9549	4.953	3.550	.4353	1.138	.9173	1.070
#1	479000.	108.6	97.19	108.1	100.0	95.89	463200.
#2	485500.	101.3	102.2	108.8	101.7	97.14	470300.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.95	96.41	108.0	196900.	523300.	100.9	94.85
SDev	1.75	1.26	.3	2040.	4886.	1.3	1.50
%RSD	1.750	1.306	.2689	1.036	.9337	1.327	1.582
#1	98.71	95.52	107.8	195500.	519800.	99.93	93.79
#2	101.2	97.30	108.2	198400.	526700.	101.8	95.91

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11620.	103.6	105.0	96.89	11110.	93.82	101.5
SDev	66.	.8	1.7	2.16	53.	3.15	1.3
%RSD	.5692	.8161	1.617	2.234	.4764	3.355	1.280
#1	11580.	103.0	103.8	95.36	11070.	96.04	100.6
#2	11670.	104.2	106.2	98.42	11150.	91.59	102.4

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	102.6	110.5	103.4	99.48	90.47	113.1	101.0
SDev	2.5	1.5	3.8	8.02	1.21	7.5	6.3
%RSD	2.451	1.371	3.661	8.062	1.339	6.629	6.227
#1	100.9	109.4	100.7	93.81	89.61	118.4	96.54
#2	104.4	111.6	106.1	105.2	91.33	107.8	105.4

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	92.16	99.25

SDev	10.91	8.69
%RSD	11.84	8.756
#1	99.87	93.10
#2	84.44	105.4

Method: SW846 Sample Name: CCV8 Operator:
Run Time: 08/11/08 07:55:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	129100.	1047.	5183.	10310.	1036.	2580.	130100.
SDev	95.	7.	5.	2.	1.	4.	56.
%RSD	.0738	.6426	.1052	.0192	.0828	.1366	.0430
#1	129000.	1052.	5186.	10310.	1036.	2577.	130100.
#2	129100.	1043.	5179.	10310.	1037.	2582.	130200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5162.	2583.	12810.	103500.	129300.	5170.	2583.
SDev	15.	10.	29.	15.	172.	21.	1.
%RSD	.2867	.3921	.2291	.0145	.1330	.4017	.0390
#1	5152.	2576.	12790.	103500.	129200.	5155.	2582.
#2	5172.	2590.	12830.	103500.	129400.	5184.	2584.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51520.	1288.	10390.	5285.	130800.	5182.	2612.
SDev	116.	.	3.	13.	230.	.	13.

%RSD	.2243	.0240	.0292	.2403	.1762	.0040	.4877
#1	51600.	1288.	10390.	5294.	131000.	5182.	2603.
#2	51440.	1288.	10390.	5276.	130600.	5182.	2621.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2576.	1038.	2581.	1051.	10270.	10590.	10290.
SDev	5.	1.	8.	6.	22.	5.	7.
%RSD	.2008	.0880	.3155	.5817	.2158	.0468	.0683
#1	2572.	1038.	2575.	1047.	10260.	10590.	10290.
#2	2579.	1039.	2587.	1055.	10290.	10600.	10280.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5295.	5281.
SDev	12.	13.
%RSD	.2250	.2479
#1	5303.	5290.
#2	5286.	5271.

Method: SW846 Sample Name: CCB8 Operator:
Run Time: 08/11/08 08:01:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.946	.5181	4.009	-.2708	.1682	-.1676	-4.135
SDev	.451	3.250	.363	.0000	.0122	.1160	.633
%RSD	11.42	627.2	9.063	.0000	7.267	69.23	15.30
#1	4.265	-1.780	3.752	-.2708	.1768	-.0856	-3.688
#2	3.628	2.816	4.266	-.2708	.1596	-.2497	-4.583

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1581	.0642	1.328	3.595	17.38	-.0900	-.6847
SDev	.0004	.0546	.003	2.936	1.23	.0002	.0648
%RSD	.2781	85.06	.1885	81.66	7.066	.1874	9.471
#1	-.1578	.1029	1.330	5.672	18.24	-.0899	-.6388
#2	-.1584	.0256	1.326	1.519	16.51	-.0902	-.7305

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.21	.4892	-.7009	1.744	62.86	-1.498	.0313
SDev	6.67	.2608	.1548	.630	43.27	2.431	.2055
%RSD	14.75	53.32	22.09	36.14	68.84	162.2	656.7
#1	49.93	.3048	-.5915	1.298	93.46	.2206	-.1140
#2	40.50	.6736	-.8104	2.189	32.26	-3.217	.1766

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1002	.9288	1.116	-.5950	.0547	-.3120	-.8997
SDev	.5086	.1529	.251	4.0708	.0956	3.1709	1.3510
%RSD	507.5	16.46	22.52	684.2	174.7	1016.	150.2
#1	-.2594	1.037	1.293	-3.473	.1223	1.930	-1.855
#2	.4599	.8206	.9381	2.283	-.0129	-2.554	.0556

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	6.761	-.7717
SDev	4.553	1.3283
%RSD	67.35	172.1
#1	3.541	.1676
#2	9.980	-1.711

BATCH#:24933V3: METHOD:200.7 BATCH#:24934V2,24953V2,24958V2,24962V1: METHOD:6010B

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	HSA	24952V3	SW846	08/11/08	18:22		S	CONC
2	ICV/CCV1	24952V3	SW846	08/11/08	18:28		S	CONC
3	ICB/CCB1	24952V3	SW846	08/11/08	18:33		S	CONC
4	ICSA1	24952V3	SW846	08/11/08	18:39		S	CONC
5	ICSAB1	24952V3	SW846	08/11/08	18:45		S	CONC
6	INT-20	24952V3	SW846	08/11/08	19:09		S	CONC
7	MCL	24952V3	SW846	08/11/08	19:15		S	CONC
8	MCL-2	24952V3	SW846	08/11/08	19:21		S	CONC
9	938526-10X-933V3	24952V3	SW846	08/11/08	19:27		S	CONC
10	937370-2X	24952V3	SW846	08/11/08	19:33		S	CONC
11	938484-2X-934V2	24952V3	SW846	08/11/08	19:39		S	CONC
12	940360-2X-953V2	24952V3	SW846	08/11/08	19:45		S	CONC
13	940368-2X	24952V3	SW846	08/11/08	19:50		S	CONC
14	CCV2	24952V3	SW846	08/11/08	19:56		S	CONC
15	CCB2	24952V3	SW846	08/11/08	20:02		S	CONC
16	940994-5X-958V2	24952V3	SW846	08/11/08	20:08		S	CONC
17	BSL081108-962V1	24952V3	SW846	08/11/08	20:14		S	CONC
18	PBL081108	24952V3	SW846	08/11/08	20:20		S	CONC
19	939487D-5X	24952V3	SW846	08/11/08	20:26		S	CONC
20	939487-5X	24952V3	SW846	08/11/08	20:32		S	CONC
21	939487L-5X	24952V3	SW846	08/11/08	20:38		S	CONC
22	939487MS-5X	24952V3	SW846	08/11/08	20:44		S	CONC
23	939487A-5X	24952V3	SW846	08/11/08	20:50		S	CONC
24	940224-5X	24952V3	SW846	08/11/08	20:55		S	CONC
25	940227-5X	24952V3	SW846	08/11/08	21:01		S	CONC
26	CCV3	24952V3	SW846	08/11/08	21:07		S	CONC
27	CCB3	24952V3	SW846	08/11/08	21:13		S	CONC
28	940228-5X	24952V3	SW846	08/11/08	21:19		S	CONC
29	939807-5X	24952V3	SW846	08/11/08	21:25		S	CONC
30	939874-5X	24952V3	SW846	08/11/08	21:31		S	CONC
31	940883-5X	24952V3	SW846	08/11/08	21:37		S	CONC
32	940888-5X	24952V3	SW846	08/11/08	21:43		S	CONC
33	TB080708-5X	24952V3	SW846	08/11/08	21:49		S	CONC
34	TB080710-5X	24952V3	SW846	08/11/08	21:55		S	CONC
35	ICSA2	24952V3	SW846	08/11/08	22:00		S	CONC
36	ICSAB2	24952V3	SW846	08/11/08	22:06		S	CONC
37	CCV4	24952V3	SW846	08/11/08	22:12		S	CONC
38	CCB4	24952V3	SW846	08/11/08	22:18		S	CONC

Analysis Report Averages 08/12/08 08:46:59 AM page 2

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	HSA	250600.	2027.	10010.	19680.	1978.	4892.
2	ICV/CCV1	125800.	997.5	5049.	10080.	999.7	2511.
3	ICB/CCB1	-1.096	1.367	-2.516	-.1471	.0086	.1141
4	ICSA1	454400.	-5.852	-.3214	.4868	-.0435	1.191
5	ICSAB1	474800.	100.4	96.00	107.0	98.56	99.08
6	INT-20	24.03	10.50	.8471	18780.	-.4664	-1.124
7	MCL	204.1	12.19	12.16	10.24	10.31	10.59
8	MCL-2	114.0	5.291	5.474	4.914	5.071	5.435
9	938526-10X-933V3	5.207	1.894	-.5101	23.68	-.0706	.0098
10	937370-2X	17650.	-2.362	218.8	142.5	1.250	-.2389
11	938484-2X-934V2	250.6	12.32	3129.	341.3	-.0822	2.281
12	940360-2X-953V2	67.76	-1.708	-.8018	317.1	-.1154	-.2678
13	940368-2X	848.7	.4031	-2.774	108.3	-.0980	-.1360
14	CCV2	123800.	991.3	5023.	9830.	979.6	2463.

15	CCB2	6.340	-.3211	-1.201	-.3458	-.0837	.0307
16	940994-5X-958V2	8485.	5.286	11.51	682.9	.4082	1.823
17	BSL081108-962V1	6.173	1009.	5005.	10210.	984.3	1044.
18	PBL081108	10.31	-1.112	-2.052	-.3458	-.0195	-.2164
19	939487D-5X	60.48	-.2719	-1.792	36.24	-.0523	-.2468
20	939487-5X	58.77	1.455	2.170	35.03	-.0556	-.1290
21	939487L-5X	16.66	.2393	1.332	6.846	.0012	-.0611
22	939487MS-5X	61.52	208.4	1036.	2176.	200.1	208.0
23	939487A-5X	65.94	1033.	5102.	10310.	996.5	1030.
24	940224-5X	26.03	.8366	-.0966	153.8	-.0024	1.645
25	940227-5X	18.50	1.345	2.601	117.7	-.0799	-.1663
26	CCV3	123500.	1003.	5036.	9826.	978.9	2460.
27	CCB3	3.497	1.824	-1.254	-.2887	-.0261	-.1282
28	940228-5X	17.34	2.762	.5359	173.7	-.0673	.4852
29	939807-5X	44.60	-.6665	-.9051	144.3	-.0728	.4436
30	939874-5X	96.99	1.697	-.3481	37.22	-.0531	.1082
31	940883-5X	10.39	2.071	2.488	68.10	-.0849	.0969
32	940888-5X	14.06	.1800	-.6270	573.0	-.0523	41.45
33	TB080708-5X	5.401	.7952	.8105	-.2888	-.0315	.0240
34	TB080710-5X	11.61	.0541	.6111	-.3168	-.0651	-.0867
35	ICSA2	476700.	-1.217	-5.591	.5799	-.1591	1.476
36	ICSAB2	476000.	100.3	98.63	107.4	98.76	98.39
37	CCV4	124600.	999.1	5037.	9876.	979.2	2458.
38	CCB4	6.991	1.706	.0510	-.3742	-.0855	.0131

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	HSA	244100.	9982.	4984.	25690.	197400.	258300.
2	ICV/CCV1	126400.	4997.	2515.	12510.	100600.	126200.
3	ICB/CCB1	9.841	.4357	.1387	.9399	-.5718	8.907
4	ICSA1	438700.	1.002	-.9137	1.770	184600.	494700.
5	ICSAB1	458800.	99.46	95.06	107.6	193500.	518500.
6	INT-20	67.62	19480.	19500.	-1.153	-70.85	35.98
7	MCL	2134.	11.58	10.59	10.85	161.1	1939.
8	MCL-2	1114.	6.027	5.269	6.376	86.41	988.8
9	938526-10X-933V3	17620.	.3521	.5017	-.3512	10.63	15060.
10	937370-2X	16330.	59.51	8.368	44.50	H266900.	6076.
11	938484-2X-934V2	67040.	11.28	.0799	5.368	156800.	14940.

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
12	940360-2X-953V2	49050.	1.195	-.5612	3.700	129900.	51070.
13	940368-2X	34290.	2.006	.4009	2.347	635.1	20610.
14	CCV2	123600.	4900.	2458.	12290.	98210.	122900.
15	CCB2	9.742	.4118	.2060	.7543	1.324	1.269
16	940994-5X-958V2	46230.	189.6	10.83	253.4	39680.	7108.
17	BSL081108-962V1	36.83	5132.	-2.159	997.6	1037.	19.23
18	PBL081108	23.22	3.608	.0218	1.933	H311.0	3.563
19	939487D-5X	142700.	47.97	.1006	1.036	7.789	79.26
20	939487-5X	139800.	46.75	-.1711	1.260	12.05	80.90
21	939487L-5X	28930.	9.823	.2418	.6433	6.478	24.14
22	939487MS-5X	142200.	1061.	-.2422	205.4	204.4	86.76
23	939487A-5X	142300.	5101.	-2.376	1018.	1016.	85.39
24	940224-5X	84710.	1.823	5.081	10.03	23.35	2733.
25	940227-5X	134500.	2.567	-.2439	2.275	1.104	1503.
26	CCV3	123700.	4889.	2460.	12260.	98250.	122800.
27	CCB3	10.94	.5156	.0213	.6220	-1.126	.1974
28	940228-5X	182900.	2.249	.4760	3.205	11.58	1782.
29	939807-5X	9832.	.8199	.3355	.8893	30.49	1258.
30	939874-5X	12920.	1.727	1.304	5.116	37.63	5450.

31	940883-5X	126100.	18.78	.9125	2.638	7.806	3549.
32	940888-5X	83220.	2.861	21.39	7.247	33.13	1585.
33	TB080708-5X	20.72	.2170	.0526	1.044	6.524	16.73
34	TB080710-5X	17.31	.2614	.0808	1.230	2.264	7.361
35	ICSA2	458000.	1.107	-.8962	2.158	193400.	519800.
36	ICSAB2	460200.	99.65	96.31	107.9	194300.	519000.
37	CCV4	123700.	4892.	2469.	12340.	98300.	123400.
38	CCB4	10.26	.3332	.2844	.5202	-1.200	8.406

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	HSA	9856.	4947.	102400.	2597.	19860.	10020.
2	ICV/CCV1	5024.	2514.	51640.	1267.	10070.	5060.
3	ICB/CCB1	-.1093	-.1185	-335.8	.2083	-.3229	.2453
4	ICSA1	.2932	-2.243	-395.0	-.2702	-2.471	-1.926
5	ICSAB1	99.58	94.22	H12790.	104.7	94.40	96.99
6	INT-20	18260.	2.059	-345.3	-.9029	1.034	-6.307
7	MCL	10.27	10.15	5901.	10.46	10.49	9.730
8	MCL-2	5.205	7.054	2966.	5.091	5.412	4.761
9	938526-10X-933V3	-.3396	3.250	8788.	-.1235	-1.636	1.306
10	937370-2X	820.4	24.57	9953.	-.6014	148.3	7.680
11	938484-2X-934V2	126.8	6.008	15050.	-.2889	29.70	2.806
12	940360-2X-953V2	11110.	-.4480	2394.	.2330	24.45	1.393
13	940368-2X	7.085	1.201	4803.	.8974	-.2027	.2437
14	CCV2	4910.	2459.	H55540.	1261.	9893.	5014.
15	CCB2	-.1059	.4204	-314.6	.0762	-.9519	-.9441
16	940994-5X-958V2	521.8	111.5	839.6	.4051	793.1	1.360
17	BSL081108-962V1	1025.	1034.	-353.9	494.4	5112.	1015.
18	PBL081108	2.545	-.4139	-363.9	-.3173	.1140	-.5252
19	939487D-5X	.0214	1.050	1309.	-.0690	.0367	3.099
20	939487-5X	-.1032	-.1286	1269.	.1162	-1.010	1.422
21	939487L-5X	-.1470	.0859	16.59	.2352	-1.090	-.1319
22	939487MS-5X	203.7	204.8	1304.	101.7	1034.	214.2
23	939487A-5X	1013.	1020.	1329.	511.7	5129.	1057.

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
24	940224-5X	770.7	14.06	3192.	-.1012	23.92	.1090
25	940227-5X	2.844	1.137	1954.	-.3493	1.347	3.695
26	CCV3	4909.	2453.	H55630.	1260.	9889.	5054.
27	CCB3	-.1883	-.3809	-329.6	.2003	-.1559	.3034
28	940228-5X	57.11	1.294	2733.	.0926	3.015	1.440
29	939807-5X	36.25	.8003	1442.	.2377	22.85	1.647
30	939874-5X	51.25	5.829	243.2	-.0879	7.720	.6414
31	940883-5X	266.2	2.430	5944.	.3135	.1353	.2479
32	940888-5X	1224.	30.44	1126.	-.1972	12.83	.5779
33	TB080708-5X	-.0698	2.156	-369.8	.2724	-1.107	1.314
34	TB080710-5X	-.0217	1.649	-330.0	.7768	-.7947	1.273
35	ICSA2	.2038	-2.349	-329.4	-.3867	-4.643	-4.744
36	ICSAB2	100.0	94.70	H12890.	104.4	96.59	96.75
37	CCV4	4926.	2457.	H56240.	1266.	9921.	5033.
38	CCB4	-.1475	.2717	-336.0	-.0092	.0767	1.153

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	HSA	255500.	9925.	5047.	4907.	2011.	5020.
2	ICV/CCV1	129700.	5042.	2521.	2507.	1023.	2500.
3	ICB/CCB1	108.7	6.125	.2234	.4254	-.9547	1.963
4	ICSA1	73.15	-8.870	.1207	.4187	-3.256	-1.303

5	ICSAB1	11180.	92.37	98.14	102.1	97.50	98.20
6	INT-20	-86.41	2.515	19100.	5228.	9428.	9347.
7	MCL	5575.	12.89	11.07	16.31	52.17	114.4
8	MCL-2	2790.	4.889	5.049	16.86	24.27	56.09
9	938526-10X-933V3	203600.	2.478	.3023	2.036	103.4	-.1416
10	937370-2X	20070.	3.387	59.75	126.5	81.57	2.142
11	938484-2X-934V2	52540.	-1.290	18.36	3.584	387.5	5.394
12	940360-2X-953V2	49660.	-.6665	.3182	.0292	13.47	.5876
13	940368-2X	200800.	2.172	1.571	5.392	1.224	-.1254
14	CCV2	130800.	4923.	2469.	2482.	1006.	2468.
15	CCB2	112.1	4.023	.3725	1.048	-2.653	.6591
16	940994-5X-958V2	451.0	1.168	673.8	4860.	7.350	2.474
17	BSL081108-962V1	29.67	1031.	1017.	1120.	-4.342	-.9649
18	PBL081108	80.70	3.789	.4403	3.455	-5.805	-.5773
19	939487D-5X	H294500.	.0654	.6442	2.105	31.14	.0787
20	939487-5X	H287300.	2.051	.5244	1.975	29.92	.7357
21	939487L-5X	61330.	2.275	.7124	2.045	3.988	.4554
22	939487MS-5X	H293400.	206.1	205.1	222.1	29.91	.1828
23	939487A-5X	H293600.	1025.	1015.	1096.	31.51	.3601
24	940224-5X	H294300.	-.7826	.4661	607.6	48.49	.1055
25	940227-5X	H286600.	-1.417	2.527	19.51	27.89	-.1790
26	CCV3	131000.	4926.	2453.	2482.	1007.	2470.
27	CCB3	111.7	2.232	.2894	1.165	-3.217	1.220
28	940228-5X	H292700.	.2633	3.100	102.0	33.00	.1161
29	939807-5X	H276200.	.8255	.7043	100.9	28.41	.0409
30	939874-5X	H279900.	.1948	.0321	95.35	32.49	-.7423
31	940883-5X	H271600.	-2.687	1.957	128.7	47.98	.6259
32	940888-5X	H265900.	-2.093	.4714	1762.	30.85	2.787
33	TB080708-5X	H285800.	.1399	.2033	1.999	12.49	-.3345
34	TB080710-5X	H269900.	2.869	.4961	1.698	5.069	-.6524
35	ICSA2	63.38	-4.038	.2471	2.102	-3.720	-.2984

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
36	ICSAB2	11270.	90.07	97.82	102.0	96.37	100.7
37	CCV4	132100.	4931.	2452.	2494.	1008.	2477.
38	CCB4	94.32	3.171	.2447	.6283	-2.676	-.1868

#	Sample Name	Sn1899	Ti3349	*Y
1	HSA	2010.	19920.	937.773
2	ICV/CCV1	1004.	10030.	967.826
3	ICB/CCB1	-.5727	.3890	996.915
4	ICSA1	-4.809	-11.41	956.817
5	ICSAB1	95.06	90.23	925.165
6	INT-20	11.64	18620.	1003.88
7	MCL	100.3	110.9	987.67
8	MCL-2	50.60	55.09	991.298
9	938526-10X-933V3	-.4754	-.5786	981.192
10	937370-2X	10.73	280.3	993.799
11	938484-2X-934V2	5.971	16.13	978.281
12	940360-2X-953V2	1.767	-.3843	992.836
13	940368-2X	.1166	14.29	977.338
14	CCV2	994.7	9813.	966.944
15	CCB2	-3.094	-.0705	985.087
16	940994-5X-958V2	51.78	349.9	986.521
17	BSL081108-962V1	-1.196	-.1772	999.15
18	PBL081108	-.2323	-.2191	995.952
19	939487D-5X	2.627	-1.053	966.596
20	939487-5X	1.643	-.9618	967.641

21	939487L-5X	-1.227	-.4245	985.005
22	939487MS-5X	-.7868	-1.004	968.543
23	939487A-5X	-1.107	-.8839	957.125
24	940224-5X	-.3333	-.5947	972.582
25	940227-5X	-.6611	-.9546	968.481
26	CCV3	994.2	9787.	963.356
27	CCB3	-.6428	.0633	992.651
28	940228-5X	.9313	-.8311	964.033
29	939807-5X	-.3261	.2120	977.379
30	939874-5X	.5742	.1106	981.971
31	940883-5X	1.549	-.9140	963.685
32	940888-5X	-1.417	.3387	969.22
33	TB080708-5X	.4358	-.2851	996.464
34	TB080710-5X	-.2321	-.3624	976.005
35	ICSA2	-3.248	-12.05	918.257
36	ICSAB2	93.63	89.85	920.183
37	CCV4	992.3	9793.	963.685
38	CCB4	-.2690	-.0032	989.391

Method: SW846 Standard: T2CAL-BLK
Run Time: 08/11/08 17:58:23

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	.7042	-.0321	-.0637	-.0005	-.0947	-.0163	.1265
SDev	.0042	.0113	.0745	.0000	.0013	.0110	.0012
%RSD	.5951	35.22	117.0	.1423	1.354	67.34	.9825
#1	.7072	-.0241	-.1164	-.0005	-.0938	-.0085	.1274
#2	.7012	-.0400	-.0110	-.0005	-.0956	-.0240	.1256

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0000	-.0063	.0115	-.0185	-.0210	.0020	-.0323
SDev	.0000	.0039	.0021	.0035	.0028	.0014	.0010
%RSD	.0000	62.11	18.31	18.97	13.33	70.60	3.147
#1	.0000	-.0035	.0100	-.0160	-.0191	.0010	-.0316
#2	.0000	-.0090	.0130	-.0210	-.0230	.0030	-.0330

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	10.63	-.0939	.0421	-.1383	.0016	.0155	.0827
SDev	.02	.0026	.0029	.0087	.0005	.0021	.0022
%RSD	.1823	2.782	6.876	6.291	32.01	13.54	2.714
#1	10.64	-.0958	.0441	-.1444	.0013	.0140	.0843
#2	10.61	-.0921	.0400	-.1321	.0020	.0170	.0811

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.1082	.0703	-.0145	.2254	.0366	-.2515	.1137
SDev	.0087	.0084	.0007	.0181	.0234	.0457	.0193
%RSD	7.999	12.00	5.019	8.029	64.04	18.17	16.96
#1	.1143	.0643	-.0150	.2126	.0532	-.2839	.1274
#2	.1021	.0762	-.0140	.2382	.0200	-.2192	.1001

Method: SW846 Standard: T2CAL1
Run Time: 08/11/08 18:04:22

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Avge	55.66	4.486	31.79	18.01	9.571	58.54	64.63
SDev	.11	.050	.16	.02	.012	.18	.21
%RSD	.1896	1.104	.5093	.0871	.1239	.3001	.3268
#1	55.58	4.451	31.90	18.02	9.563	58.42	64.48
#2	55.73	4.521	31.67	18.00	9.580	58.66	64.78

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	16.66	3.351	11.20	20.02	29.60	12.74	13.47
SDev	.05	.012	.01	.04	.05	.03	.00
%RSD	.3229	.3540	.0600	.2042	.1781	.2522	.0049
#1	16.62	3.342	11.20	19.99	29.56	12.71	13.47
#2	16.69	3.359	11.20	20.05	29.64	12.76	13.47

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.776	15.78	3.532	4.488	2.204	34.35	3.888
SDev	.001	.06	.004	.021	.007	.05	.056
%RSD	.0265	.3913	.1026	.4726	.3347	.1596	1.438
#1	3.775	15.74	3.530	4.473	2.209	34.39	3.849
#2	3.777	15.82	3.535	4.503	2.198	34.31	3.928

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	46.98	73.19	76.82	13.00	12.37
SDev	.06	.22	.05	.04	.04
%RSD	.1184	.2976	.0642	.2715	.3136
#1	46.94	73.03	76.78	12.97	12.40
#2	47.02	73.34	76.85	13.02	12.35

Method: SW846 Standard: T2CAL2
Run Time: 08/11/08 18:10:18

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	279.6	22.75	162.2	89.68	48.61	290.8	318.9
SDev	.5	.03	.2	.18	.09	.5	.7
%RSD	.1750	.1213	.1096	.2054	.1880	.1715	.2057
#1	279.2	22.77	162.4	89.55	48.55	290.4	318.4
#2	279.9	22.73	162.1	89.81	48.68	291.1	319.3

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	83.48	16.87	57.86	99.30	155.2	63.45	67.12
SDev	.22	.05	.12	.18	.2	.17	.13
%RSD	.2666	.2807	.2129	.1804	.1499	.2674	.1986
#1	83.32	16.84	57.78	99.17	155.0	63.33	67.02
#2	83.63	16.90	57.95	99.42	155.3	63.57	67.21

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899

Avge	20.05	79.85	17.89	22.02	10.74	172.8	19.56
SDev	.02	.23	.05	.04	.03	.8	.02
%RSD	.1133	.2838	.2766	.1712	.2952	.4454	.1080
#1	20.04	79.69	17.86	21.99	10.72	172.3	19.55
#2	20.07	80.01	17.93	22.04	10.76	173.4	19.58

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	234.3	364.8	386.4	67.47	62.90
SDev	.6	1.9	.5	.41	.11

24953V2

%RSD	.2623	.5327	.1190	.6043	.1745
#1	233.9	363.5	386.0	67.18	62.83
#2	234.8	366.2	386.7	67.76	62.98

Method: SW846 Standard: T2CAL3
Run Time: 08/11/08 18:16:14

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	539.6	44.81	312.9	170.0	92.26	547.5	599.0
SDev	19.2	1.74	11.5	6.4	3.34	19.0	20.6
%RSD	3.551	3.878	3.690	3.738	3.621	3.469	3.442
#1	553.1	46.04	321.0	174.4	94.62	561.0	613.6
#2	526.0	43.58	304.7	165.5	89.90	534.1	584.4

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	160.7	32.41	114.5	189.4	308.6	120.5	128.4
SDev	5.6	1.12	4.2	6.9	11.2	4.2	4.6
%RSD	3.495	3.441	3.696	3.647	3.643	3.452	3.617
#1	164.7	33.20	117.5	194.3	316.5	123.5	131.7
#2	156.7	31.62	111.6	184.5	300.6	117.6	125.1

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	614.9	40.25	154.4	152.6	34.82	41.65	20.84
SDev	19.6	1.43	5.6	5.2	1.21	1.41	.74
%RSD	3.192	3.551	3.643	3.408	3.475	3.377	3.548
#1	628.8	41.26	158.3	156.2	35.67	42.64	21.37
#2	601.1	39.23	150.4	148.9	33.96	40.65	20.32

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	334.8	37.99	449.6	698.9	739.9	129.1	121.2
SDev	12.1	1.36	16.1	24.6	22.3	4.7	3.8
%RSD	3.625	3.580	3.572	3.521	3.018	3.645	3.142
#1	343.4	38.95	460.9	716.3	755.7	132.4	123.8
#2	326.2	37.03	438.2	681.5	724.1	125.8	118.5

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	455.870	-321.754	08/11/08 06:16:14
Sb2068	206.838	Multiple	Standards	45.4818	1.45695	08/11/08 06:16:14
As1890	189.042	Multiple	Standards	31.3925	1.98594	08/11/08 06:16:14
Ba4934	493.409	Multiple	Standards	113.338	-.345762	08/11/08 06:16:14
Be3130	313.042	Multiple	Standards	20.9043	1.95332	08/11/08 06:16:14
Cd2265	226.502	Multiple	Standards	8.77736	.024048	08/11/08 06:16:14
Ca3179	317.933	Multiple	Standards	398.675	-57.2380	08/11/08 06:16:14
Cr2677	267.716	Multiple	Standards	60.6867	-.111967	08/11/08 06:16:14
Co2286	228.616	Multiple	Standards	151.577	.897156	08/11/08 06:16:14
Cu3247	324.754	Multiple	Standards	219.201	-2.13847	08/11/08 06:16:14
Fe2714	271.441	Multiple	Standards	1022.37	14.8390	08/11/08 06:16:14
Mg3832	383.231	Multiple	Standards	819.411	23.3108	08/11/08 06:16:14
Mn2576	257.610	Multiple	Standards	80.0944	-.349818	08/11/08 06:16:14

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ni2316	231.604	Multiple	Standards	37.6734	1.12784	08/11/08 06:16:14
K_7664	766.491	T2CAL3	T2CAL-BLK	.971505	-.478719	08/11/08 06:16:14
Ag3280	328.068	Multiple	Standards	62.8493	5.96174	08/11/08 06:16:14

Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	.945135	.005530	08/11/08 06:16:14
Tl1908	190.864	Multiple	Standards	63.5719	8.66622	08/11/08 06:16:14
V_2924	292.402	Multiple	Standards	141.838	-.239066	08/11/08 06:16:14
Zn2062	206.200	Multiple	Standards	106.805	-1.78602	08/11/08 06:16:14
B_2496	249.678	Multiple	Standards	94.8365	-7.85206	08/11/08 06:16:14
Mo2020	202.030	Multiple	Standards	14.6485	-1.61263	08/11/08 06:16:14
Sn1899	189.989	Multiple	Standards	49.2710	-3.45710	08/11/08 06:16:14
Ti3349	334.941	Multiple	Standards	43.2401	.324598	08/11/08 06:16:14
2203/1	220.351	Multiple	Standards	28.0207	-6.60717	08/11/08 06:16:14
2203/2	220.352	Multiple	Standards	26.2278	-1.17292	08/11/08 06:16:14
1960/1	196.021	Multiple	Standards	75.4917	18.9640	08/11/08 06:16:14
1960/2	196.022	Multiple	Standards	80.6463	-9.15898	08/11/08 06:16:14

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	-.734937	.734937
		T2CAL1	25000.0	25050.1	-50.0703
		T2CAL2	125000.	127136.	-2136.42
		T2CAL3	250000.	245655.	4344.63

CorCoef: 0.99983

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	-.001074	.001074
		T2CAL1	200.000	205.475	-5.47469
		T2CAL2	1000.00	1036.06	-36.0616
		T2CAL3	2000.00	2039.36	-39.3601

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	-.013219	.013219
		T2CAL1	1000.00	999.809	.191101
		T2CAL2	5000.00	5095.24	-95.2437
		T2CAL3	10000.0	9823.75	176.246

CorCoef: 0.99980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.402547	.402547
		T2CAL1	2000.00	2041.09	-41.0944
		T2CAL2	10000.0	10163.5	-163.490
		T2CAL3	20000.0	19262.1	737.924

CorCoef: 0.99959

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.026152	.026152
		T2CAL1	200.000	202.031	-2.03093
		T2CAL2	1000.00	1018.19	-18.1918
		T2CAL3	2000.00	1930.60	69.3978

CorCoef: 0.99959

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.118807	.118807
		T2CAL1	500.000	513.847	-13.8466
		T2CAL2	2500.00	2552.17	-52.1675
		T2CAL3	5000.00	4805.93	194.065

CorCoef: 0.99948

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Ca3179	317.933	T2CAL-BLK	.000000	-6.80212	6.80212
		T2CAL1	25000.0	25709.7	-709.703
		T2CAL2	125000.	127074.	-2074.03
		T2CAL3	250000.	238755.	11245.1

CorCoef: 0.99944

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.111967	.111967
		T2CAL1	1000.00	1010.64	-10.6435
		T2CAL2	5000.00	5065.75	-65.7500
		T2CAL3	10000.0	9752.99	247.011

CorCoef: 0.99979

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.051715	.051715
		T2CAL1	500.000	508.780	-8.78030
		T2CAL2	2500.00	2557.78	-57.7830
		T2CAL3	5000.00	4913.23	86.7739

CorCoef: 0.99977

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	.387172	-.387172
		T2CAL1	2500.00	2452.94	47.0623
		T2CAL2	12500.0	12681.9	-181.942
		T2CAL3	25000.0	25106.7	-106.738

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-4.11089	4.11089
		T2CAL1	20000.0	20480.1	-480.100
		T2CAL2	100000.	101534.	-1534.14
		T2CAL3	200000.	193681.	6318.75

CorCoef: 0.99968

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	6.06969	-6.06969
		T2CAL1	25000.0	24277.2	722.826
		T2CAL2	125000.	127179.	-2178.73
		T2CAL3	250000.	252871.	-2870.78

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.189382	.189382
		T2CAL1	1000.00	1019.81	-19.8123
		T2CAL2	5000.00	5081.61	-81.6089
		T2CAL3	10000.0	9654.41	345.592

CorCoef: 0.99962

Standardization Readback Report 08/11/08 06:22:06 PM page 9

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.089583	.089583
		T2CAL1	500.000	508.711	-8.71066
		T2CAL2	2500.00	2529.69	-29.6860
		T2CAL3	5000.00	4837.77	162.229

CorCoef: 0.99972

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	9.84613	10.6277	-.781558
		T2CAL3	596.937	614.938	-18.0015

			Known	Measured	Residual

Element	Wavelength	Standard	Concentration	Concentration	Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.057455	-.057455
		T2CAL1	250.000	243.283	6.71655
		T2CAL2	1250.00	1266.32	-16.3179
		T2CAL3	2500.00	2535.34	-35.3394
CorCoef: 0.99999					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	T2CAL-BLK	.045309	.042088	.003221
		T2CAL3	145.892	154.355	-8.46317

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK	.000000	-.125019	.125019
		T2CAL1	1000.00	1011.82	-11.8187
		T2CAL2	5000.00	5084.76	-84.7563
		T2CAL3	10000.0	9707.20	292.799
CorCoef: 0.99969					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	-.007504	.007504
		T2CAL1	500.000	500.767	-.766693
		T2CAL2	2500.00	2537.54	-37.5447
		T2CAL3	5000.00	4937.96	62.0396
CorCoef: 0.99989					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK	.000000	-.127319	.127319
		T2CAL1	500.000	477.524	22.4756
		T2CAL2	2500.00	2349.75	150.251
		T2CAL3	5000.00	4446.31	553.691
CorCoef: 0.99956					

Element	Wavelength	Standard	Concentration	Concentration	Concentration
B_2496	249.678	T2CAL-BLK	.000000	-.011904	.011904
		T2CAL1	200.000	201.131	-1.13113
		T2CAL2	1000.00	1010.54	-10.5419
		T2CAL3	2000.00	1968.76	31.2402
CorCoef: 0.99990					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK	.000000	-.027273	.027273
		T2CAL1	500.000	501.531	-1.53067
		T2CAL2	2500.00	2529.83	-29.8330
		T2CAL3	5000.00	4902.44	97.5620
CorCoef: 0.99986					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	.005026	-.005026
		T2CAL1	200.000	188.120	11.8798

		T2CAL2	1000.00	960.462	39.5382
		T2CAL3	2000.00	1868.47	131.526

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.303687	.303687
		T2CAL1	2000.00	2031.59	-31.5922
		T2CAL2	10000.0	10132.6	-132.588
		T2CAL3	20000.0	19440.4	559.615

CorCoef: 0.99976

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	-.289986	.289986
		T2CAL1	2000.00	2044.10	-44.1035
		T2CAL2	10000.0	10216.2	-216.179
		T2CAL3	20000.0	19577.2	422.850

CorCoef: 0.99974

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	-.213211	.213211
		T2CAL1	2000.00	2013.58	-13.5769
		T2CAL2	10000.0	10132.4	-132.372
		T2CAL3	20000.0	19405.9	594.146

CorCoef: 0.99973

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK	.000000	-.025571	.025571
		T2CAL1	1000.00	1000.02	-.021484
		T2CAL2	5000.00	5112.37	-112.373
		T2CAL3	10000.0	9766.33	233.668

CorCoef: 0.99969

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	.014189	-.014189
		T2CAL1	1000.00	988.713	11.2866
		T2CAL2	5000.00	5063.76	-63.7568
		T2CAL3	10000.0	9761.43	238.566

CorCoef: 0.99980

Method: SW846 Sample Name: HSA Operator:
Run Time: 08/11/08 18:22:10
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	250600.	2027.	10010.	19680.	1978.	4892.	244100.
SDev	3164.	28.	110.	198.	20.	55.	2525.
%RSD	1.262	1.365	1.098	1.004	1.006	1.115	1.035
#1	248400.	2007.	9932.	19540.	1964.	4854.	242300.
#2	252900.	2046.	10090.	19820.	1992.	4931.	245900.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9982.	4984.	25690.	197400.	258300.	9856.	4947.
SDev	114.	54.	304.	2179.	3306.	114.	54.
%RSD	1.146	1.092	1.184	1.104	1.280	1.154	1.100
#1	9901.	4946.	25470.	195900.	255900.	9775.	4908.
#2	10060.	5023.	25900.	199000.	260600.	9936.	4985.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	102400.	2597.	19860.	10020.	255500.	9925.	5047.
SDev	1180.	27.	134.	70.	2908.	105.	62.
%RSD	1.153	1.027	.6772	.6966	1.138	1.057	1.232
#1	101500.	2578.	19760.	9969.	253400.	9850.	5003.
#2	103200.	2616.	19950.	10070.	257500.	9999.	5091.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	4907.	2011.	5020.	2010.	19920.	19910.	19830.
SDev	55.	24.	56.	25.	219.	103.	150.
%RSD	1.130	1.204	1.122	1.255	1.099	.5192	.7565
#1	4868.	1994.	4980.	1992.	19770.	19840.	19720.
#2	4946.	2028.	5060.	2027.	20080.	19990.	19930.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	10030.	10010.
SDev	51.	79.
%RSD	.5044	.7928
#1	9997.	9955.
#2	10070.	10070.

Method: SW846 Sample Name: ICV/CCV1 Operator:
Run Time: 08/11/08 18:28:05
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125800.	997.5	5049.	10080.	999.7	2511.	126400.
SDev	228.	.3	6.	.	.7	2.	16.
%RSD	.1808	.0331	.1130	.0014	.0669	.0619	.0129
#1	125700.	997.3	5053.	10080.	1000.	2512.	126400.
#2	126000.	997.8	5045.	10080.	999.3	2510.	126400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4997.	2515.	12510.	100600.	126200.	5024.	2514.

SDev	1.	1.	19.	58.	129.	7.	.
%RSD	.0161	.0498	.1509	.0580	.1025	.1358	.0057
#1	4997.	2514.	12500.	100600.	126100.	5019.	2514.
#2	4996.	2516.	12530.	100700.	126300.	5029.	2514.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51640.	1267.	10070.	5060.	129700.	5042.	2521.
SDev	74.	2.	9.	15.	247.	5.	2.
%RSD	.1428	.1643	.0910	.3033	.1908	.0903	.0920
#1	51590.	1266.	10060.	5071.	129600.	5039.	2519.
#2	51700.	1269.	10070.	5049.	129900.	5045.	2523.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

24953V2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2507.	1023.	2500.	1004.	10030.	10080.	10060.
SDev	1.	1.	1.	5.	5.	23.	2.
%RSD	.0466	.1086	.0227	.4678	.0462	.2263	.0233
#1	2508.	1024.	2500.	1008.	10030.	10060.	10060.
#2	2506.	1023.	2501.	1001.	10030.	10090.	10060.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5063.	5059.
SDev	1.	24.
%RSD	.0233	.4665
#1	5062.	5075.
#2	5064.	5042.

Method: SW846 Sample Name: ICB/CCB1 Operator:
Run Time: 08/11/08 18:33:59
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.096	1.367	-2.516	-.1471	.0086	.1141	9.841
SDev	.312	1.803	.568	.2005	.0273	.1953	4.494
%RSD	28.44	131.9	22.55	136.3	318.6	171.2	45.67
#1	-1.317	.0925	-2.115	-.2888	-.0107	-.0240	6.663
#2	-.8759	2.642	-2.918	-.0053	.0278	.2522	13.02

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4357	.1387	.9399	-.5718	8.907	-.1093	-.1185
SDev	.1709	.3228	.0079	7.2649	15.73	.2263	.4239
%RSD	39.21	232.7	.8382	1271.	176.6	207.1	357.8
#1	.3149	-.0895	.9454	-5.709	-2.216	-.2693	.1813
#2	.5565	.3669	.9343	4.565	20.03	.0507	-.4183

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-335.8	.2083	-.3229	.2453	108.7	6.125	.2234
SDev	6.3	.5274	.2972	.6333	54.4	.359	.0466
%RSD	1.866	253.2	92.04	258.1	50.08	5.868	20.85
#1	-340.3	-.1646	-.5331	.6931	70.18	6.379	.1904
#2	-331.4	.5812	-.1128	-.2025	147.1	5.871	.2563

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4254	-.9547	1.963	-.5727	.3890	1.866	-1.420
SDev	.6822	.3178	.856	.0719	.2755	1.746	.426
%RSD	160.3	33.29	43.60	12.55	70.82	93.56	29.99
#1	-.0569	-1.179	2.568	-.5219	.1942	.6315	-1.119
#2	.9078	-.7299	1.358	-.6236	.5839	3.100	-1.721

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.9475	.8303
SDev	3.8039	.9497
%RSD	401.5	114.4

#1	1.742	.1588
#2	-3.637	1.502

Method: SW846 Sample Name: ICSA1 Operator:
Run Time: 08/11/08 18:39:53
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	454400.	-5.852	-.3214	.4868	-.0435	1.191	438700.
SDev	28841.	5.536	5.3492	.1281	.0831	.233	28880.
%RSD	6.347	94.60	1664.	26.32	191.3	19.54	6.584
#1	474800.	-1.938	3.461	.5774	-.1022	1.356	459100.
#2	434000.	-9.766	-4.104	.3962	.0153	1.027	418200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.002	-.9137	1.770	184600.	494700.	.2932	-2.243
SDev	.268	.3154	.532	12449.	32732.	.1962	.305
%RSD	26.69	34.52	30.06	6.744	6.617	66.92	13.61
#1	1.192	-1.137	2.147	193400.	517800.	.4319	-2.459
#2	.8132	-.6907	1.394	175800.	471500.	.1544	-2.027

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-395.0	-.2702	-2.471	-1.926	73.15	-8.870	.1207
SDev	108.5	.3087	.081	.633	14.45	1.916	.1743
%RSD	27.47	114.3	3.272	32.85	19.75	21.60	144.3
#1	-318.2	-.4885	-2.529	-1.479	83.36	L-10.23	.2440
#2	-471.7	-.0519	-2.414	-2.374	62.93	-7.515	-.0025

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4187	-3.256	-1.303	-4.809	-11.41	-.7338	-3.344
SDev	1.478	1.369	3.131	.880	.91	2.7870	1.513
%RSD	353.1	42.03	240.3	18.29	7.942	379.8	45.25
#1	1.464	-2.288	.9108	-4.187	-12.05	1.237	-4.413

#2	-.6266	-4.224	-3.516	-5.431	-10.77	-2.705	-2.274

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-11.98	3.085
SDev	11.60	4.842
%RSD	96.77	157.0
#1	-3.784	-.3394
#2	-20.19	6.509

Method: SW846 Sample Name: ICSAB1 Operator:
Run Time: 08/11/08 18:45:47
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	474800.	100.4	96.00	107.0	98.56	99.08	458800.

SDev	920.	.0	2.57	.0	.00	.38	66.
%RSD	.1938	.0435	2.681	.0173	.0036	.3874	.0144
#1	474200.	100.4	94.18	107.0	98.57	98.81	458900.
#2	475500.	100.4	97.82	107.0	98.56	99.35	458800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.46	95.06	107.6	193500.	518500.	99.58	94.22
SDev	.02	.19	.2	84.	923.	.31	.40
%RSD	.0210	.2037	.1470	.0432	.1780	.3119	.4277
#1	99.44	95.19	107.7	193600.	517800.	99.36	94.51
#2	99.47	94.92	107.4	193400.	519100.	99.80	93.94

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H12790.	104.7	94.40	96.99	11180.	92.37	98.14
SDev	21.	.4	1.72	1.50	57.	1.82	.34
%RSD	.1634	.3686	1.825	1.550	.5091	1.968	.3447
#1	H12780.	104.5	93.18	98.06	11220.	91.09	98.38
#2	H12810.	105.0	95.62	95.93	11140.	93.66	97.90

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	102.1	97.50	98.20	95.06	90.23	101.8	90.71
SDev	.1	.43	.08	3.29	.04	.5	2.32
%RSD	.1086	.4394	.0842	3.463	.0409	.5111	2.561
#1	102.2	97.19	98.14	97.39	90.21	101.4	89.07
#2	102.0	97.80	98.26	92.73	90.26	102.1	92.35

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	97.26	96.85
SDev	7.32	1.40
%RSD	7.527	1.447
#1	102.4	95.86
#2	92.08	97.84

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 08/11/08 19:09:38
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.03	10.50	.8471	18780.	-.4664	-1.124	67.62
SDev	10.44	2.21	1.252	713.	.1795	.005	4.17
%RSD	43.45	21.02	147.8	3.799	38.49	.4687	6.168
#1	16.64	12.06	1.733	18270.	-.3395	-1.121	64.67
#2	31.41	8.938	-.0385	19280.	-.5933	-1.128	70.57

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19480.	19500.	-1.153	-70.85	35.98	18260.	2.059
SDev	772.	769.	.182	12.79	.93	715.	1.433
%RSD	3.962	3.942	15.76	18.05	2.582	3.918	69.62

#1	18940.	18950.	-1.282	-79.89	35.32	17750.	1.046
#2	20030.	20040.	-1.025	-61.81	36.63	18760.	3.073

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-345.3	-.9029	1.034	-6.307	-86.41	2.515	19100.
SDev	53.7	.1299	1.364	1.079	32.14	.580	790.
%RSD	15.55	14.39	132.0	17.11	37.19	23.06	4.134
#1	-383.3	-.8110	.0689	-7.070	-63.69	2.105	18540.
#2	-307.4	-.9947	1.998	-5.544	-109.1	2.926	19660.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5228.	9428.	9347.	11.64	18620.	14.29	-5.587
SDev	204.	424.	359.	.88	722.	1.83	1.132
%RSD	3.896	4.503	3.841	7.540	3.879	12.81	20.25
#1	5084.	9128.	9093.	11.02	18110.	12.99	-6.387
#2	5372.	9728.	9601.	12.26	19130.	15.58	-4.787

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.492	-7.223
SDev	.621	1.307
%RSD	13.83	18.09
#1	-4.932	-8.147
#2	-4.053	-6.299

Method: SW846 Sample Name: MCL Operator:
Run Time: 08/11/08 19:15:33
Comment: BAT E1
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	204.1	12.19	12.16	10.24	10.31	10.59	2134.
SDev	2.2	2.29	2.42	.08	.03	.10	10.
%RSD	1.059	18.79	19.89	.8275	.2831	.9152	.4590
#1	202.6	10.57	10.45	10.30	10.29	10.53	2127.
#2	205.6	13.81	13.87	10.18	10.33	10.66	2141.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.58	10.59	10.85	161.1	1939.	10.27	10.15
SDev	.37	.51	.52	4.6	.	.02	.07
%RSD	3.212	4.788	4.759	2.836	.0180	.1955	.7017
#1	11.84	10.95	10.48	164.3	1939.	10.29	10.10
#2	11.32	10.24	11.21	157.9	1939.	10.26	10.20

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5901.	10.46	10.49	9.730	5575.	12.89	11.07
SDev	28.	.08	.03	1.856	58.	.16	.03
%RSD	.4734	.7953	.2606	19.08	1.048	1.226	.2546
#1	5882.	10.40	10.51	8.418	5534.	12.78	11.05
#2	5921.	10.52	10.47	11.04	5616.	13.00	11.09

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.31	52.17	114.4	100.3	110.9	11.47	9.993
SDev	.18	.26	1.4	1.2	.4	.20	.057
%RSD	1.110	.5066	1.225	1.157	.3485	1.719	.5745
#1	16.44	52.36	113.4	99.51	110.6	11.61	9.952
#2	16.19	51.98	115.4	101.2	111.1	11.33	10.03

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5.530	11.82
SDev	7.290	6.42
%RSD	131.8	54.35
#1	10.68	7.276
#2	.3756	16.36

Method: SW846 Sample Name: MCL-2 Operator:
Run Time: 08/11/08 19:21:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	114.0	5.291	5.474	4.914	5.071	5.435	1114.
SDev	5.0	1.569	2.306	.113	.019	.081	11.
%RSD	4.365	29.65	42.12	2.309	.3835	1.490	1.009
#1	110.4	6.400	3.844	4.834	5.057	5.377	1106.
#2	117.5	4.182	7.105	4.994	5.085	5.492	1122.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.027	5.269	6.376	86.41	988.8	5.205	7.054
SDev	.016	.404	.209	3.96	11.8	.149	.158
%RSD	.2722	7.665	3.280	4.586	1.196	2.855	2.242
#1	6.016	4.984	6.228	89.21	980.5	5.100	6.942
#2	6.039	5.555	6.523	83.60	997.2	5.310	7.166

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2966.	5.091	5.412	4.761	2790.	4.889	5.049
SDev	29.	.286	.535	1.809	34.	1.466	.235
%RSD	.9940	5.618	9.892	38.00	1.235	29.98	4.648
#1	2945.	4.888	5.033	3.482	2814.	3.853	4.883
#2	2987.	5.293	5.790	6.040	2765.	5.926	5.215

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.86	24.27	56.09	50.60	55.09	7.929	4.150
SDev	.19	.95	.54	2.11	.52	1.790	1.696
%RSD	1.126	3.922	.9646	4.176	.9521	22.57	40.87
#1	16.99	24.94	56.47	49.11	54.72	9.195	2.951
#2	16.72	23.60	55.71	52.10	55.46	6.664	5.349

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	9.166	2.552
SDev	3.332	1.049
%RSD	36.35	41.11

#1	6.810	1.810
#2	11.52	3.293

Method: SW846 Sample Name: 938526-10X-933V3 Operator:
Run Time: 08/11/08 19:27:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.207	1.894	-.5101	23.68	-.0706	.0098	17620.
SDev	2.700	1.804	2.0368	.74	.0007	.1457	278.
%RSD	51.85	95.23	399.3	3.131	.9346	1488.	1.578
#1	7.116	.6188	.9302	23.16	-.0701	.1128	17420.
#2	3.298	3.170	-1.950	24.20	-.0710	-.0932	17810.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3521	.5017	-.3512	10.63	15060.	-.3396	3.250
SDev	.0001	.3278	.0005	1.50	243.	.0050	.231
%RSD	.0277	65.34	.1353	14.13	1.611	1.475	7.105
#1	.3520	.7335	-.3516	9.564	14890.	-.3360	3.087
#2	.3521	.2699	-.3509	11.69	15230.	-.3431	3.413

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8788.	-.1235	-1.636	1.306	203600.	2.478	.3023
SDev	107.	.4093	1.091	.507	2731.	.319	.2572
%RSD	1.222	331.5	66.72	38.84	1.342	12.87	85.09
#1	8712.	.1659	-2.407	.9472	201700.	2.704	.4842
#2	8864.	-.4128	-.8641	1.665	205500.	2.252	.1204

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	2.036	103.4	-.1416	-.4754	-.5786	-.2553	-2.330
SDev	.153	1.5	.3277	1.4507	.0575	1.2315	1.021
%RSD	7.513	1.417	231.5	305.1	9.947	482.4	43.84
#1	2.144	102.4	-.3733	.5504	-.6193	-1.126	-3.052
#2	1.928	104.5	.0902	-1.501	-.5379	.6155	-1.607

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.728	.5855
SDev	3.489	2.502
%RSD	127.9	427.4
#1	5.194	-1.184
#2	.2608	2.355

Method: SW846 Sample Name: 937370-2X Operator:
Run Time: 08/11/08 19:33:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17650.	-2.362	218.8	142.5	1.250	-.2389	16330.

24953V2

SDev	144.	.898	6.2	1.9	.009	.0483	270.
%RSD	.8155	38.04	2.835	1.353	.6842	20.21	1.651
#1	17750.	-1.726	223.2	143.8	1.244	-.2730	16520.
#2	17540.	-2.997	214.4	141.1	1.256	-.2047	16140.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	59.51	8.368	44.50	H266900.	6076.	820.4	24.57

SDev	.92	.360	1.45	4152.	71.	11.2	.73
%RSD	1.545	4.299	3.260	1.556	1.175	1.369	2.983
#1	60.16	8.622	43.48	H269800.	6126.	828.3	25.09
#2	58.86	8.113	45.53	H264000.	6025.	812.5	24.05

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9953.	-.6014	148.3	7.680	20070.	3.387	59.75
SDev	56.	.7237	2.5	1.152	77.	1.714	.90
%RSD	.5625	120.3	1.712	15.00	.3832	50.62	1.514
#1	9992.	-.0897	150.1	8.495	20130.	2.174	60.39
#2	9913.	-1.113	146.5	6.866	20020.	4.599	59.11

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126.5	81.57	2.142	10.73	280.3	85.64	179.6
SDev	2.7	.03	.574	.06	4.1	3.12	2.2
%RSD	2.103	.0321	26.82	.5327	1.477	3.648	1.251
#1	128.4	81.59	1.736	10.69	283.2	87.85	181.2
#2	124.6	81.55	2.548	10.77	277.3	83.43	178.0

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	8.070	7.475
SDev	3.774	.157
%RSD	46.77	2.104
#1	10.74	7.364
#2	5.402	7.586

Method: SW846 Sample Name: 938484-2X-934V2 Operator:
Run Time: 08/11/08 19:39:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	250.6	12.32	3129.	341.3	-.0822	2.281	67040.
SDev	2.0	.13	1.	1.6	.0474	.085	143.
%RSD	.7906	1.053	.0271	.4741	57.68	3.718	.2138
#1	252.0	12.41	3130.	342.4	-.0487	2.340	67140.
#2	249.2	12.22	3129.	340.1	-.1157	2.221	66940.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.28	.0799	5.368	156800.	14940.	126.8	6.008
SDev	.08	.1662	.139	371.	9.	.0	.326
%RSD	.7160	208.1	2.591	.2366	.0632	.0307	5.418

#1	11.22	-.0377	5.269	157000.	14950.	126.8	6.238
#2	11.33	.1974	5.466	156500.	14940.	126.7	5.778

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15050.	-.2889	29.70	2.806	52540.	-1.290	18.36
SDev	30.	.4609	.37	1.463	126.	.065	.41
%RSD	.1963	159.5	1.231	52.16	.2404	5.055	2.254
#1	15070.	.0370	29.96	1.771	52630.	-1.244	18.07
#2	15030.	-.6148	29.44	3.840	52450.	-1.336	18.66

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.584	387.5	5.394	5.971	16.13	-4.523	46.79
SDev	.359	.5	.435	2.325	.04	.639	.23
%RSD	10.00	.1393	8.062	38.93	.2562	14.13	.4901
#1	3.837	387.9	5.702	4.327	16.16	-4.071	46.95
#2	3.330	387.1	5.087	7.615	16.10	-4.974	46.62

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.5326	4.461
SDev	4.0894	.152
%RSD	767.8	3.417
#1	-3.424	4.354
#2	2.359	4.569

Method: SW846 Sample Name: 940360-2X-953V2 Operator:
Run Time: 08/11/08 19:45:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	67.76	-1.708	-.8019	317.1	-.1154	-.2678	49050.
SDev	8.04	.627	.3922	4.3	.0303	.2563	621.
%RSD	11.87	36.69	48.91	1.362	26.26	95.71	1.265
#1	73.45	-2.152	-1.079	320.1	-.1368	-.0866	49490.
#2	62.08	-1.265	-.5245	314.0	-.0940	-.4491	48610.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.195	-.5612	3.700	129900.	51070.	11110.	-.4480
SDev	.068	.2534	2.277	1800.	770.	129.	.0097
%RSD	5.691	45.15	61.55	1.386	1.507	1.165	2.165
#1	1.147	-.3821	2.090	131200.	51610.	11200.	-.4411
#2	1.243	-.7404	5.310	128700.	50520.	11010.	-.4549

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2394.	.2330	24.45	1.393	49660.	-.6665	.3182
SDev	54.	.1307	1.32	.384	873.	.4663	.0772
%RSD	2.248	56.11	5.415	27.57	1.758	69.97	24.25
#1	2432.	.1405	25.39	1.664	50280.	-.9962	.3728
#2	2355.	.3254	23.52	1.121	49040.	-.3367	.2637

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0292	13.47	.5876	1.767	-.3843	-3.082	38.19
SDev	.3020	.31	.0343	1.554	.0499	1.503	1.24
%RSD	1035.	2.275	5.846	87.97	12.98	48.76	3.234
#1	-.1844	13.68	.6119	2.865	-.3490	-2.019	39.07

#2	.2427	13.25	.5633	.6677	-.4195	-4.144	37.32

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.616	2.884
SDev	2.798	.821
%RSD	173.1	28.48
#1	.3622	2.303
#2	-3.595	3.465

Method: SW846 Sample Name: 940368-2X Operator:
Run Time: 08/11/08 19:50:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	848.7	.4031	-2.774	108.3	-.0980	-.1360	34290.
SDev	3.6	1.056	1.179	.1	.0160	.0089	1.
%RSD	.4194	262.1	42.49	.0884	16.34	6.578	.0030
#1	851.3	1.150	-1.941	108.4	-.1093	-.1297	34290.
#2	846.2	-.3439	-3.608	108.3	-.0867	-.1423	34290.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.006	.4009	2.347	635.1	20610.	7.085	1.201
SDev	.614	.0511	.002	6.2	13.	.004	.791
%RSD	30.58	12.76	.0964	.9807	.0647	.0600	65.85
#1	1.572	.4370	2.349	639.5	20600.	7.088	1.760
#2	2.440	.3647	2.346	630.7	20620.	7.082	.6416

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4803.	.8974	-.2027	.2437	200800.	2.172	1.571
SDev	1.	.1111	.5390	.9633	540.	3.039	.029
%RSD	.0255	12.38	265.9	395.3	.2689	139.9	1.829
#1	4802.	.9760	.1784	.9248	200400.	.0233	1.551
#2	4804.	.8188	-.5838	-.4375	201100.	4.321	1.591

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.392	1.224	-.1254	.1166	14.29	2.002	-1.308
SDev	.174	1.446	.0327	.2815	1.79	.364	.990
%RSD	3.226	118.1	26.06	241.4	12.53	18.16	75.65
#1	5.515	2.246	-.1023	-.0824	15.56	1.745	-.6084
#2	5.269	.2015	-.1485	.3157	13.02	2.259	-2.008

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.2697	.4893
SDev	2.0302	2.458
%RSD	752.6	502.3
#1	-1.705	2.227
#2	1.166	-1.249

Method: SW846 Sample Name: CCV2 Operator:
Run Time: 08/11/08 19:56:53
Comment:

Analysis Report 08/11/08 08:02:44 PM page 20

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123800.	991.3	5023.	9830.	979.6	2463.	123600.
SDev	213.	2.6	14.	21.	1.1	3.	176.
%RSD	.1724	.2656	.2753	.2139	.1133	.1392	.1425
#1	123900.	993.1	5032.	9845.	980.4	2466.	123700.
#2	123600.	989.4	5013.	9815.	978.8	2461.	123400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4900.	2458.	12290.	98210.	122900.	4910.	2459.
SDev	3.	1.	14.	138.	217.	1.	.
%RSD	.0611	.0423	.1129	.1409	.1768	.0302	.0164
#1	4902.	2459.	12300.	98310.	123000.	4911.	2459.
#2	4898.	2457.	12280.	98110.	122700.	4909.	2460.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H55540.	1261.	9893.	5014.	130800.	4923.	2469.
SDev	175.	3.	16.	.	317.	12.	1.
%RSD	.3154	.2509	.1600	.0025	.2427	.2429	.0316
#1	H55670.	1263.	9904.	5014.	131000.	4932.	2469.
#2	H55420.	1259.	9882.	5014.	130600.	4915.	2470.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2482.	1006.	2468.	994.7	9813.	9869.	9905.
SDev	2.	4.	5.	1.5	14.	26.	11.
%RSD	.0891	.3747	.2098	.1537	.1454	.2651	.1078
#1	2483.	1009.	2472.	993.6	9823.	9888.	9913.
#2	2480.	1004.	2465.	995.8	9803.	9851.	9898.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4991.	5025.
SDev	3.	1.
%RSD	.0558	.0239
#1	4993.	5024.
#2	4990.	5026.

Method: SW846 Sample Name: CCB2 Operator:
Run Time: 08/11/08 20:02:47

Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.340	-.3211	-1.201	-.3458	-.0837	.0307	9.742
SDev	.630	.2928	.859	.0000	.0019	.0095	.347
%RSD	9.937	91.18	71.53	.0000	2.317	31.08	3.565
#1	6.786	-.1141	-1.809	-.3458	-.0851	.0239	9.987
#2	5.895	-.5281	-.5937	-.3458	-.0823	.0374	9.496

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4118	.2060	.7543	1.324	1.269	-.1059	.4204
SDev	.1747	.2177	.0026	1.438	1.744	.1152	.4601
%RSD	42.42	105.7	.3499	108.6	137.5	108.8	109.4
#1	.5354	.3599	.7562	2.341	2.502	-.0244	.0950
#2	.2883	.0520	.7524	.3071	.0350	-.1873	.7457

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-314.6	.0762	-.9519	-.9441	112.1	4.023	.3725
SDev	1.7	.2879	1.2676	2.1100	18.3	1.093	.1762
%RSD	.5321	377.6	133.2	223.5	16.35	27.17	47.30
#1	-315.7	.2798	-.0556	-2.436	99.17	4.795	.2479
#2	-313.4	-.1273	-1.848	.5479	125.1	3.250	.4972

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.048	-2.653	.6591	-3.094	-.0705	-1.559	-.6533
SDev	.009	.267	.5121	1.201	.0616	4.973	.5823
%RSD	.8530	10.08	77.70	38.80	87.37	318.9	89.13
#1	1.054	-2.843	1.021	-2.245	-.0270	1.957	-1.065
#2	1.042	-2.464	.2970	-3.943	-.1141	-5.076	-.2416

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.254	1.197

SDev	2.298	2.016
%RSD	43.74	168.4
#1	-6.879	-.2287
#2	-3.629	2.622

Method: SW846 Sample Name: 940994-5X-958V2 Operator:
Run Time: 08/11/08 20:08:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8485.	5.286	11.51	682.9	.4082	1.823	46230.
SDev	5.	.464	.50	.5	.0008	.122	185.
%RSD	.0635	8.774	4.315	.0799	.1968	6.691	.4005
#1	8488.	5.614	11.16	682.5	.4076	1.737	46100.
#2	8481.	4.958	11.86	683.3	.4088	1.909	46360.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	189.6	10.83	253.4	39680.	7108.	521.8	111.5
SDev	.9	.05	.7	137.	16.	2.2	1.2
%RSD	.4692	.5006	.2806	.3462	.2305	.4284	1.086
#1	188.9	10.79	252.9	39580.	7096.	520.2	110.6
#2	190.2	10.87	253.9	39770.	7119.	523.4	112.3

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	839.6	.4051	793.1	1.360	451.0	1.168	673.8
SDev	10.2	.0432	3.0	1.613	72.4	.811	2.6

Analysis Report 08/11/08 08:14:32 PM page 25

%RSD	1.217	10.66	.3763	118.6	16.05	69.44	.3803
#1	832.3	.3745	791.0	2.500	502.2	1.742	672.0
#2	846.8	.4356	795.2	.2197	399.8	.5948	675.6

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4860.	7.350	2.474	51.78	349.9	786.1	796.6
SDev	20.	1.229	.153	.73	1.8	4.0	2.5
%RSD	.4157	16.73	6.203	1.418	.5193	.5051	.3128
#1	4845.	6.481	2.366	52.30	348.6	783.3	794.8
#2	4874.	8.219	2.583	51.26	351.2	789.0	798.3

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.0797	1.988
SDev	.5437	2.146
%RSD	682.2	107.9
#1	.4641	3.506
#2	-.3048	.4708

Method: SW846 Sample Name: BSL081108-962V1 Operator:
Run Time: 08/11/08 20:14:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.173	1009.	5005.	10210.	984.3	1044.	36.83
SDev	3.018	13.	57.	108.	7.9	9.	.24

Analysis Report 08/11/08 08:20:25 PM page 27

%RSD	48.89	1.250	1.140	1.056	.8027	.8212	.6581
#1	4.039	1000.0	4964.	10130.	978.7	1038.	37.00
#2	8.308	1018.	5045.	10280.	989.9	1050.	36.66

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5132.	-2.159	997.6	1037.	19.23	1025.	1034.
SDev	51.	.356	13.0	12.	5.77	10.	7.
%RSD	.9846	16.50	1.307	1.196	29.98	.9915	.7152
#1	5097.	-1.907	988.3	1028.	15.16	1018.	1029.

#2	5168.	-2.411	1007.	1046.	23.31	1032.	1039.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-353.9	494.4	5112.	1015.	29.67	1031.	1017.
SDev	9.9	5.3	74.	13.	69.70	10.	10.
%RSD	2.798	1.075	1.450	1.288	234.9	.9810	1.028
#1	-360.9	490.6	5060.	1006.	-19.62	1024.	1010.
#2	-346.8	498.1	5165.	1025.	78.96	1038.	1024.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1120.	-4.342	-.9649	-1.196	-.1772	5060.	5138.
SDev	10.	.040	.0419	1.438	.0677	127.	48.
%RSD	.8933	.9218	4.339	120.2	38.20	2.513	.9282
#1	1113.	-4.314	-.9945	-.1795	-.1293	4970.	5105.
#2	1127.	-4.370	-.9353	-2.213	-.2250	5150.	5172.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	999.2	1024.
SDev	24.6	7.
%RSD	2.461	.7157
#1	981.9	1018.
#2	1017.	1029.

Method: SW846 Sample Name: PBL081108 Operator:
Run Time: 08/11/08 20:20:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.31	-1.112	-2.052	-.3458	-.0195	-.2164	23.22
SDev	2.43	2.938	.265	.0000	.0009	.1346	.24
%RSD	23.53	264.2	12.93	.0000	4.775	62.17	1.047
#1	12.03	-3.190	-1.865	-.3458	-.0201	-.3116	23.05
#2	8.599	.9657	-2.240	-.3458	-.0188	-.1213	23.39

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.608	.0218	1.933	H311.0	3.563	2.545	-.4139
SDev	.257	.1616	.158	5.2	9.318	.002	.9773
%RSD	7.111	740.7	8.154	1.685	261.5	.0640	236.1
#1	3.427	-.0924	2.045	H314.7	-3.026	2.546	-1.105
#2	3.790	.1361	1.822	H307.3	10.15	2.544	.2772

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-363.9	-.3173	.1140	-.5252	80.70	3.789	.4403
SDev	12.6	.0477	.4534	.3742	9.14	1.172	.1116
%RSD	3.453	15.04	397.7	71.25	11.33	30.94	25.35
#1	-372.7	-.3510	.4346	-.7898	74.24	4.617	.5192
#2	-355.0	-.2835	-.2066	-.2606	87.16	2.960	.3614

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.455	-5.805	-.5773	-.2323	-.2191	.1809	.0761

SDev	.121	.203	.0721	1.1347	.0921	.0969	.7281
%RSD	3.499	3.501	12.49	488.5	42.06	53.56	956.9
#1	3.369	-5.661	-.6282	.5701	-.2842	.1124	.5909
#2	3.540	-5.948	-.5263	-1.035	-.1539	.2494	-.4388

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.412	-.0931
SDev	1.939	.4072
%RSD	137.4	437.6
#1	-2.783	.1949

#2	-.0405	-.3810

Method: SW846 Sample Name: 939487D-5X Operator:
Run Time: 08/11/08 20:26:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	60.48	-.2719	-1.792	36.24	-.0523	-.2468	142700.
SDev	.25	1.2041	.734	.01	.0080	.0353	7.
%RSD	.4163	442.9	40.97	.0212	15.34	14.33	.0046
#1	60.30	-1.123	-1.273	36.24	-.0580	-.2718	142700.
#2	60.66	.5795	-2.311	36.23	-.0467	-.2218	142600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.97	.1006	1.036	7.789	79.26	.0214	1.050
SDev	.21	.4413	.001	.712	2.39	.0587	.055
%RSD	.4376	438.6	.0643	9.135	3.010	274.3	5.196
#1	48.11	.4126	1.037	8.292	77.57	.0629	1.011
#2	47.82	-.2114	1.036	7.286	80.95	-.0201	1.088

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1309.	-.0690	.0367	3.099	H294500.	.0654	.6442
SDev	4.	.1597	.4583	.744	686.	3.291	.0651
%RSD	.2987	231.5	1248.	24.01	.2330	5033.	10.10
#1	1312.	.0439	-.2874	2.573	H295000.	2.393	.6902
#2	1307.	-.1819	.3608	3.625	H294100.	-2.262	.5982

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.105	31.14	.0787	2.627	-1.053	1.133	-.5150
SDev	.203	1.88	1.361	1.085	.095	1.105	.1353
%RSD	9.665	6.038	1730.	41.29	8.985	97.61	26.26
#1	2.249	32.47	-.8834	3.394	-.9860	.3508	-.6106
#2	1.961	29.81	1.041	1.860	-1.120	1.914	-.4194

Elem	1960/1	1960/2
Units	ppb	ppb

Avge	3.393	2.942
SDev	.113	1.059
%RSD	3.338	36.00
#1	3.313	2.193
#2	3.473	3.691

Method: SW846 Sample Name: 939487-5X Operator:
Run Time: 08/11/08 20:32:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	58.77	1.455	2.170	35.03	-.0556	-.1290	139800.
SDev	.49	.166	.642	.63	.0135	.0105	201.
%RSD	.8314	11.41	29.59	1.807	24.32	8.147	.1435
#1	59.12	1.338	1.716	34.58	-.0460	-.1364	140000.
#2	58.43	1.573	2.625	35.47	-.0652	-.1215	139700.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.75	-.1711	1.260	12.05	80.90	-.1032	-.1286
SDev	.11	.3876	.323	9.68	4.84	.0001	.6475
%RSD	.2266	226.6	25.66	80.31	5.981	.1034	503.4
#1	46.83	.1030	1.488	18.90	84.32	-.1031	-.5865
#2	46.68	-.4451	1.031	5.209	77.47	-.1033	.3292

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1269.	.1162	-1.010	1.422	H287300.	2.051	.5244
SDev	4.	.0410	1.471	2.130	149.	.042	.1300
%RSD	.2919	35.32	145.6	149.9	.0518	2.065	24.79
#1	1271.	.1452	-2.050	2.928	H287200.	2.081	.4325
#2	1266.	.0872	.0300	-.0848	H287400.	2.021	.6164

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.975	29.92	.7357	1.643	-.9618	1.256	-2.146
SDev	.005	.59	.2379	.400	.0328	.108	2.259
%RSD	.2639	1.980	32.33	24.34	3.409	8.575	105.3
#1	1.979	29.50	.9039	1.361	-.9850	1.332	-3.744
#2	1.972	30.34	.5675	1.926	-.9386	1.180	-.5487

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.967	.6391
SDev	3.186	1.603
%RSD	107.4	250.9
#1	5.220	1.773
#2	.7143	-.4946

Method: SW846 Sample Name: 939487L-5X Operator:
Run Time: 08/11/08 20:38:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.66	.2393	1.332	6.846	.0012	-.0611	28930.
SDev	.08	1.046	2.861	.005	.0287	.1000	16.
%RSD	.4775	437.2	214.9	.0773	2446.	163.7	.0559
#1	16.71	.9791	3.355	6.849	.0214	.0096	28940.
#2	16.60	-.5005	-.6918	6.842	-.0191	-.1318	28920.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.823	.2418	.6433	6.478	24.14	-.1470	.0859
SDev	.029	.1627	.1594	8.811	4.71	.0575	.2289
%RSD	.2974	67.29	24.78	136.0	19.49	39.14	266.4
#1	9.844	.1267	.7560	12.71	27.47	-.1063	.2478
#2	9.802	.3568	.5306	.2472	20.82	-.1877	-.0759

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.59	.2352	-1.090	-.1319	61330.	2.275	.7124
SDev	2.79	.0635	.855	1.4318	171.	1.005	.1516
%RSD	16.80	26.99	78.43	1086.	.2783	44.18	21.28
#1	18.56	.2800	-1.694	-1.144	61210.	2.986	.8195
#2	14.62	.1903	-.4853	.8806	61450.	1.564	.6052

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.045	3.988	.4554	-1.227	-.4245	.3679	-1.822
SDev	.003	.399	.8116	.202	.0614	.4594	1.052
%RSD	.1597	10.01	178.2	16.49	14.47	124.9	57.74
#1	2.047	3.706	1.029	-1.370	-.3810	.0430	-2.566
#2	2.043	4.270	-.1185	-1.084	-.4679	.6927	-1.078

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.985	1.282
SDev	.201	2.247
%RSD	6.731	175.3
#1	-2.843	-.3071
#2	-3.127	2.871

Method: SW846 Sample Name: 939487MS-5X Operator:
Run Time: 08/11/08 20:44:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	61.52	208.4	1036.	2176.	200.1	208.0	142200.
SDev	2.76	.6	.	1.	.2	.6	268.
%RSD	4.487	.3072	.0443	.0275	.0974	.3112	.1886
#1	63.47	208.8	1036.	2176.	200.0	207.6	142000.
#2	59.57	207.9	1035.	2175.	200.3	208.5	142400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1061.	-.2422	205.4	204.4	86.76	203.7	204.8
SDev	2.	.6643	.8	2.8	1.16	.6	.9

%RSD	.1990	274.3	.4070	1.367	1.335	.3132	.4512
#1	1060.	-.7119	204.8	202.4	85.94	203.2	204.2
#2	1063.	.2276	206.0	206.4	87.58	204.2	205.5

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1304.	101.7	1034.	214.2	H293400.	206.1	205.1
SDev	3.	.1	6.	4.0	55.	3.5	1.2
%RSD	.2122	.0790	.5638	1.888	.0188	1.697	.5802
#1	1302.	101.6	1030.	217.1	H293400.	203.6	204.2
#2	1306.	101.7	1038.	211.4	H293400.	208.5	205.9

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	222.1	29.91	.1828	-.7868	-1.004	1035.	1034.
SDev	.6	.39	.0900	1.0781	.000	3.	7.
%RSD	.2484	1.310	49.24	137.0	.0110	.2619	.7147
#1	221.7	29.63	.1192	-.0245	-1.004	1033.	1028.
#2	222.5	30.19	.2465	-1.549	-1.004	1037.	1039.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	215.9	213.4
SDev	10.7	.7
%RSD	4.958	.3378
#1	223.4	213.9
#2	208.3	212.9

Method: SW846 Sample Name: 939487A-5X Operator:
Run Time: 08/11/08 20:50:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.94	1033.	5102.	10310.	996.5	1030.	142300.
SDev	1.99	6.	35.	41.	5.3	5.	753.
%RSD	3.015	.5427	.6930	.3954	.5308	.5101	.5288
#1	64.53	1037.	5127.	10340.	1000.	1034.	142900.
#2	67.35	1029.	5077.	10280.	992.7	1027.	141800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5101.	-2.376	1018.	1016.	85.39	1013.	1020.

SDev	23.	.099	2.	8.	5.62	4.	5.
%RSD	.4575	4.177	.1868	.7919	6.585	.3811	.5133
#1	5118.	-2.306	1019.	1022.	89.36	1016.	1024.
#2	5085.	-2.447	1016.	1011.	81.41	1010.	1016.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1329.	511.7	5129.	1057.	H293600.	1025.	1015.

SDev	10.	1.6	8.	4.	37.	4.	5.
%RSD	.7618	.3102	.1626	.4043	.0124	.3572	.4573
#1	1336.	512.8	5135.	1060.	H293700.	1027.	1019.
#2	1322.	510.5	5123.	1054.	H293600.	1022.	1012.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1096.	31.51	.3601	-1.107	-.8839	5130.	5128.
SDev	7.	.74	1.121	1.588	.0376	11.	7.
%RSD	.6003	2.350	311.2	143.5	4.255	.2142	.1368
#1	1100.	32.04	1.153	-2.230	-.9105	5138.	5133.
#2	1091.	30.99	-.4324	.0165	-.8573	5122.	5123.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1048.	1061.
SDev	2.	8.
%RSD	.2290	.7168
#1	1047.	1066.
#2	1050.	1055.

Method: SW846 Sample Name: 940224-5X Operator:
Run Time: 08/11/08 20:55:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.03	.8366	-.0966	153.8	-.0024	1.645	84710.
SDev	.94	.0657	.1137	.4	.0301	.067	197.
%RSD	3.622	7.848	117.7	.2829	1244.	4.073	.2324
#1	26.69	.7902	-.1769	153.5	-.0237	1.693	84570.
#2	25.36	.8831	-.0162	154.1	.0189	1.598	84850.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.823	5.081	10.03	23.35	2733.	770.7	14.06
SDev	.442	.387	.00	3.68	11.	2.6	.13
%RSD	24.22	7.613	.0181	15.78	.3853	.3398	.8939
#1	1.511	4.808	10.03	20.74	2726.	768.8	13.97
#2	2.135	5.355	10.03	25.95	2741.	772.6	14.15

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3192.	-.1012	23.92	.1090	H294300.	-.7826	.4661
SDev	2.	.0924	.29	.4617	119.	.3224	.0678
%RSD	.0532	91.31	1.206	423.5	.0406	41.20	14.55
#1	3191.	-.0358	23.72	.4355	H294300.	-1.011	.5140
#2	3193.	-.1665	24.12	-.2175	H294400.	-.5546	.4181

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	607.6	48.49	.1055	-.3333	-.5947	25.24	23.26
SDev	2.4	.54	.7779	2.6379	.2196	6.24	2.68
%RSD	.3946	1.118	737.4	791.4	36.93	24.72	11.53
#1	605.9	48.88	-.4445	-2.199	-.7500	20.83	25.15
#2	609.3	48.11	.6555	1.532	-.4394	29.65	21.36

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.0808	.1123
SDev	.4884	.9361
%RSD	604.8	833.3
#1	-.2646	.7743
#2	.4261	-.5496

Method: SW846 Sample Name: 940227-5X Operator:
Run Time: 08/11/08 21:01:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.50	1.345	2.601	117.7	-.0799	-.1663	134500.
SDev	.64	.067	.367	.0	.0364	.1526	202.
%RSD	3.456	4.977	14.11	.0228	45.61	91.71	.1505
#1	18.95	1.298	2.861	117.8	-.0541	-.0585	134700.
#2	18.05	1.392	2.342	117.7	-.1056	-.2742	134400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.567	-.2439	2.275	1.104	1503.	2.844	1.137
SDev	.379	.2215	.484	11.94	6.	.003	.179
%RSD	14.77	90.83	21.28	1081.	.3863	.1095	15.75
#1	2.836	-.4005	2.618	9.549	1499.	2.846	1.010
#2	2.299	-.0872	1.933	-7.340	1507.	2.842	1.264

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1954.	-.3493	1.347	3.695	H286600.	-1.417	2.527
SDev	1.	.2006	.070	.903	835.	1.814	.287
%RSD	.0363	57.45	5.168	24.43	.2914	128.0	11.35
#1	1954.	-.2074	1.298	4.333	H286000.	-2.699	2.730
#2	1955.	-.4911	1.396	3.057	H287200.	-.1342	2.325

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.51	27.89	-.1790	-.6611	-.9546	1.945	1.044
SDev	.01	.24	.7238	2.6867	.1251	2.715	1.251
%RSD	.0300	.8719	404.3	406.4	13.11	139.6	119.8
#1	19.51	27.72	.3328	1.239	-.8662	.0247	1.929

#2	19.51	28.06	-.6908	-2.561	-1.043	3.864	.1593

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.902	3.081
SDev	1.971	.369
%RSD	40.21	11.98
#1	6.296	3.342
#2	3.508	2.820

Method: SW846 Sample Name: CCV3 Operator:

Run Time: 08/11/08 21:07:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123500.	1003.	5036.	9826.	978.9	2460.	123700.
SDev	10.	1.	3.	6.	2.1	5.	399.
%RSD	.0079	.0695	.0507	.0568	.2177	.2196	.3229
#1	123500.	1003.	5038.	9830.	977.4	2456.	123400.
#2	123500.	1002.	5034.	9822.	980.4	2464.	124000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4889.	2460.	12260.	98250.	122800.	4909.	2453.
SDev	16.	10.	7.	175.	31.	15.	5.
%RSD	.3187	.4055	.0542	.1786	.0249	.2999	.2190
#1	4878.	2452.	12260.	98120.	122700.	4899.	2449.
#2	4900.	2467.	12250.	98370.	122800.	4920.	2457.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H55630.	1260.	9889.	5054.	131000.	4926.	2453.
SDev	87.	1.	8.	7.	89.	7.	6.
%RSD	.1555	.0501	.0777	.1412	.0682	.1516	.2505
#1	H55690.	1259.	9883.	5059.	131000.	4921.	2448.
#2	H55570.	1260.	9894.	5049.	130900.	4931.	2457.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2482.	1007.	2470.	994.2	9787.	9884.	9891.
SDev	11.	2.	3.	5.2	14.	21.	1.
%RSD	.4432	.2174	.1278	.5239	.1416	.2114	.0111
#1	2474.	1006.	2468.	990.5	9777.	9869.	9890.
#2	2490.	1009.	2473.	997.8	9796.	9899.	9892.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4985.	5089.
SDev	7.	14.
%RSD	.1492	.2832
#1	4979.	5099.
#2	4990.	5078.

Method: SW846 Sample Name: CCB3 Operator:
Run Time: 08/11/08 21:13:39
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.497	1.824	-1.254	-.2887	-.0261	-.1282	10.94
SDev	.343	.188	1.624	.0001	.0099	.1273	.32

%RSD	9.822	10.32	129.5	.0508	38.15	99.27	2.900
#1	3.739	1.958	-.1053	-.2886	-.0190	-.0382	11.16
#2	3.254	1.691	-2.402	-.2888	-.0331	-.2182	10.71

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5156	.0213	.6220	-1.126	.1974	-.1883	-.3809
SDev	.6718	.2665	.1632	6.488	.0594	.1145	.1243
%RSD	130.3	1251.	26.24	576.4	30.09	60.82	32.63
#1	.9906	.2097	.7375	3.462	.1554	-.1073	-.4688
#2	.0405	-.1671	.5066	-5.713	.2394	-.2693	-.2930

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-329.6	.2003	-.1559	.3034	111.7	2.232	.2894
SDev	8.6	.1195	1.6349	2.076	130.2	3.146	.2675
%RSD	2.597	59.67	1049.	684.5	116.5	141.0	92.45
#1	-323.5	.2848	-1.312	1.772	203.8	.0073	.4785
#2	-335.6	.1158	1.000	-1.165	19.68	4.456	.1002

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.165	-3.217	1.220	-.6428	.0633	2.113	-1.293
SDev	.146	.889	.702	.4263	.1224	1.656	1.625
%RSD	12.54	27.65	57.55	66.32	193.4	78.37	125.6
#1	1.268	-2.588	.7234	-.9442	.1498	.9419	-2.442
#2	1.062	-3.846	1.716	-.3414	-.0233	3.283	-.1442

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.962	-1.035
SDev	5.498	.368
%RSD	185.6	35.58
#1	6.850	-.7743
#2	-.9258	-1.295

Method: SW846 Sample Name: 940228-5X Operator:
Run Time: 08/11/08 21:19:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.34	2.762	.5359	173.7	-.0673	.4852	182900.
SDev	2.00	.539	1.590	.3	.0067	.0741	166.
%RSD	11.55	19.51	296.6	.1918	10.02	15.27	.0909
#1	18.75	2.381	-.5881	173.9	-.0625	.5376	182800.
#2	15.92	3.144	1.660	173.5	-.0720	.4328	183000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.249	.4760	3.205	11.58	1782.	57.11	1.294
SDev	.313	.1684	.163	1.51	9.	.03	.954
%RSD	13.90	35.39	5.097	13.06	.4861	.0481	73.67
#1	2.471	.3569	3.321	12.65	1788.	57.13	.6200
#2	2.028	.5951	3.089	10.51	1775.	57.09	1.968

24953V2

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2733.	.0926	3.015	1.440	H292700.	.2633	3.100
SDev	4.	.5099	.226	3.987	393.	.3173	.094
%RSD	.1560	550.7	7.507	276.9	.1342	120.5	3.033
#1	2736.	-.2680	2.855	-1.379	H293000.	.4877	3.167
#2	2730.	.4532	3.176	4.260	H292500.	.0389	3.034

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	102.0	33.00	.1161	.9313	-.8311	3.239	2.899
SDev	.0	.85	1.100	6.076	.0008	.756	.038
%RSD	.0217	2.587	947.6	652.4	.0938	23.34	1.313
#1	102.0	33.60	-.6620	-3.365	-.8317	2.705	2.926
#2	102.0	32.40	.8942	5.228	-.8306	3.774	2.872

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.569	1.365

SDev	3.217	4.372
%RSD	205.0	320.4
#1	-.7056	-1.727
#2	3.844	4.456

Method: SW846 Sample Name: 939807-5X Operator:
Run Time: 08/11/08 21:25:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.60	-.6665	-.9051	144.3	-.0728	.4436	9832.
SDev	1.41	.3593	.8169	.0	.0072	.1466	13.
%RSD	3.162	53.90	90.25	.0301	9.847	33.04	.1301
#1	45.60	-.4125	-.3275	144.3	-.0678	.5472	9823.
#2	43.60	-.9206	-1.483	144.3	-.0779	.3399	9841.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8199	.3355	.8893	30.49	1258.	36.25	.8003
SDev	.0003	.1635	.1594	4.45	1.	.11	.3815
%RSD	.0306	48.75	17.92	14.59	.0733	.2927	47.66
#1	.8200	.4511	1.002	27.34	1258.	36.18	.5306
#2	.8197	.2199	.7766	33.64	1257.	36.33	1.070

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1442.	.2377	22.85	1.647	H276200.	.8255	.7043
SDev	1.	.2258	.88	.331	400.	1.005	.3079

%RSD	.0638	94.99	3.859	20.12	.1449	121.7	43.72
#1	1442.	.3974	22.22	1.881	H276500.	1.536	.9220
#2	1441.	.0781	23.47	1.412	H276000.	.1149	.4865

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	100.9	28.41	.0409	-.3261	.2120	23.89	22.32
SDev	.7	.08	.6409	2.2396	.0000	.68	.98
%RSD	.6618	.2733	1565.	686.9	.0194	2.849	4.400
#1	100.4	28.46	-.4122	-1.910	.2120	23.41	21.63
#2	101.4	28.35	.4941	1.258	.2120	24.37	23.01

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.852	.5352
SDev	.059	.5261
%RSD	1.522	98.29
#1	3.810	.9072
#2	3.893	.1632

Method: SW846 Sample Name: 939874-5X Operator:
Run Time: 08/11/08 21:31:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.99	1.697	-.3481	37.22	-.0531	.1082	12920.
SDev	1.81	.687	.7659	.20	.0099	.0033	3.

%RSD	1.868	40.50	220.0	.5416	18.61	3.017	.0199
#1	95.71	2.183	.1935	37.08	-.0600	.1059	12920.
#2	98.27	1.211	-.8897	37.37	-.0461	.1105	12920.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.727	1.304	5.116	37.63	5450.	51.25	5.829
SDev	.107	.382	.166	1.53	24.	.06	.022
%RSD	6.204	29.32	3.248	4.072	.4484	.1172	.3813
#1	1.651	1.034	5.234	38.71	5432.	51.29	5.813
#2	1.803	1.575	4.999	36.55	5467.	51.21	5.844

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	243.2	-.0879	7.720	.6414	H279900.	.1948	.0321
SDev	2.0	.1288	.754	2.619	1759.	.6512	.1024
%RSD	.8089	146.6	9.771	408.3	.6282	334.3	318.9
#1	244.6	.0032	8.253	2.493	H278700.	-.2657	-.0403
#2	241.8	-.1790	7.186	-1.210	H281200.	.6553	.1046

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	95.35	32.49	-.7423	.5742	.1106	8.795	7.178
SDev	.03	.11	.4261	1.801	.1560	.365	1.313
%RSD	.0324	.3539	57.41	313.7	141.0	4.148	18.29
#1	95.37	32.57	-1.044	-.6996	.2210	8.537	8.107
#2	95.33	32.41	-.4410	1.848	.0003	9.053	6.250

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	.2646	.8188
SDev	1.815	4.832
%RSD	686.0	590.1
#1	-1.019	4.236
#2	1.548	-2.598

Method: SW846 Sample Name: 940883-5X Operator:
Run Time: 08/11/08 21:37:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.39	2.071	2.488	68.10	-.0849	.0969	126100.
SDev	.80	2.571	.578	.27	.0080	.2570	424.
%RSD	7.738	124.2	23.22	.3961	9.382	265.2	.3358
#1	10.96	3.889	2.896	68.29	-.0905	.2787	126400.
#2	9.825	.2528	2.079	67.91	-.0792	-.0848	125800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.78	.9125	2.638	7.806	3549.	266.2	2.430
SDev	.01	.4999	.019	11.18	11.	.6	.545
%RSD	.0770	54.79	.7135	143.3	.3199	.2403	22.42
#1	18.77	1.266	2.652	15.71	3541.	266.7	2.815
#2	18.79	.5590	2.625	-.1016	3557.	265.8	2.045

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5944.	.3135	.1353	.2479	H271600.	-2.687	1.957
SDev	2.	.1622	.0941	3.449	1387.	2.192	.150
%RSD	.0375	51.74	69.54	1391.	.5106	81.60	7.689
#1	5943.	.4282	.2018	2.686	H270600.	-1.137	2.064
#2	5946.	.1988	.0687	-2.191	H272500.	-4.237	1.851

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128.7	47.98	.6259	1.549	-.9140	2.583	-1.092
SDev	1.0	.78	.3400	1.933	.0044	2.706	1.210
%RSD	.7621	1.617	54.33	124.8	.4790	104.8	110.9
#1	129.4	48.53	.3854	2.916	-.9171	4.497	-1.947
#2	128.0	47.43	.8663	.1824	-.9109	.6697	-.2359

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.641	1.679
SDev	1.135	4.604
%RSD	42.97	274.2
#1	-1.838	4.935

#2	-3.443	-1.576

Method: SW846 Sample Name: 940888-5X Operator:
Run Time: 08/11/08 21:43:12
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.06	.1800	-.6270	573.0	-.0523	41.45	83220.
SDev	.74	.1243	1.1435	6.5	.0163	.64	1046.
%RSD	5.267	69.08	182.4	1.127	31.06	1.534	1.257
#1	13.54	.0921	.1816	568.4	-.0408	41.00	82480.
#2	14.58	.2679	-1.436	577.6	-.0638	41.90	83960.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.861	21.39	7.247	33.13	1585.	1224.	30.44
SDev	.330	.06	.083	1.65	18.	16.	.25
%RSD	11.53	.2610	1.149	4.979	1.106	1.347	.8310
#1	3.095	21.35	7.306	31.96	1572.	1213.	30.26
#2	2.628	21.43	7.188	34.29	1597.	1236.	30.62

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1126.	-.1972	12.83	.5779	H265900.	-2.093	.4714
SDev	29.	.4998	.81	1.678	2499.	1.436	.2503
%RSD	2.597	253.5	6.348	290.4	.9396	68.62	53.09
#1	1106.	-.5505	12.25	-.6087	H264200.	-3.108	.2944
#2	1147.	.1562	13.41	1.765	H267700.	-1.077	.6484

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1762.	30.85	2.787	-1.417	.3387	13.71	12.38
SDev	23.	1.36	.050	1.244	.0632	.49	.97
%RSD	1.301	4.400	1.777	87.84	18.66	3.599	7.870
#1	1746.	29.89	2.822	-2.297	.2940	13.37	11.70
#2	1779.	31.81	2.752	-.5367	.3834	14.06	13.07

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.5274	.5923
SDev	3.130	4.079
%RSD	593.5	688.6
#1	2.741	-2.292
#2	-1.686	3.476

Method: SW846 Sample Name: TB080708-5X Operator:
Run Time: 08/11/08 21:49:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.401	.7952	.8105	-.2888	-.0315	.0240	20.72
SDev	13.31	.1380	.2841	.0024	.1144	.0253	1.77
%RSD	246.4	17.36	35.06	.8406	363.1	105.2	8.539
#1	-4.011	.6976	.6096	-.2906	.0494	.0062	19.47
#2	14.81	.8928	1.011	-.2871	-.1124	.0419	21.97

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2170	.0526	1.044	6.524	16.73	-.0698	2.156
SDev	.2875	.3574	.331	4.678	.28	.0449	.104
%RSD	132.5	679.8	31.69	71.70	1.679	64.29	4.812
#1	.4203	.3053	1.278	9.831	16.92	-.0381	2.229
#2	.0137	-.2001	.8102	3.216	16.53	-.1015	2.083

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-369.8	.2724	-1.107	1.314	H285800.	.1399	.2033
SDev	82.3	.5995	.071	.947	13583.	3.381	.1562
%RSD	22.26	220.0	6.412	72.08	4.752	2416.	76.82
#1	-428.1	.6963	-1.057	.6444	H276200.	2.530	.3137
#2	-311.6	-.1514	-1.158	1.984	H295400.	-2.251	.0929

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.999	12.49	-.3345	.4358	-.2851	.6377	-1.983
SDev	.039	.94	.8079	.0918	.0873	1.796	1.003
%RSD	1.937	7.494	241.5	21.07	30.61	281.6	50.59
#1	2.027	11.83	-.9058	.3709	-.2234	-.6323	-1.274
#2	1.972	13.15	.2368	.5007	-.3469	1.908	-2.693

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.336	.2942
SDev	.779	1.031
%RSD	23.36	350.3
#1	2.785	-.4346
#2	3.888	1.023

Method: SW846 Sample Name: TB080710-5X Operator:
Run Time: 08/11/08 21:55:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.61	.0541	.6111	-.3168	-.0651	-.0867	17.31
SDev	1.99	.4680	4.440	.0410	.0005	.2329	.03
%RSD	17.17	865.7	726.5	12.93	.7688	268.6	.1591
#1	13.03	-.2769	-2.528	-.3458	-.0648	-.2514	17.29
#2	10.20	.3850	3.751	-.2878	-.0655	.0780	17.33

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2614	.0808	1.230	2.264	7.361	-.0217	1.649
SDev	.1333	.2777	.306	4.423	1.131	.0011	.001
%RSD	50.97	343.5	24.87	195.3	15.37	5.189	.0873
#1	.3557	-.1155	1.014	5.392	8.161	-.0209	1.650
#2	.1672	.2772	1.446	-.8627	6.561	-.0225	1.648

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	-330.0	.7768	-.7947	1.273	H269900.	2.869	.4961
SDev	4.3	.7012	1.1500	2.558	2152.	1.915	.0140
%RSD	1.295	90.27	144.7	201.0	.7974	66.73	2.816
#1	-333.0	.2809	.0184	3.081	H271400.	4.223	.5059
#2	-327.0	1.273	-1.608	-.5358	H268400.	1.515	.4862

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.698	5.069	-.6524	-.2321	-.3624	.4332	-1.412
SDev	.099	.779	.2299	1.4958	.0338	.2004	1.824
%RSD	5.841	15.37	35.24	644.4	9.324	46.25	129.2
#1	1.628	4.519	-.8149	.8256	-.3863	.2915	-.1225
#2	1.768	5.620	-.4898	-1.290	-.3385	.5748	-2.702

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.848	-.0237
SDev	3.284	2.1954
%RSD	85.33	9245.
#1	6.170	1.529
#2	1.526	-1.576

Method: SW846 Sample Name: ICSA2 Operator:
Run Time: 08/11/08 22:00:56
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	476700.	-1.217	-5.591	.5799	-.1591	1.476	458000.
SDev	134.	.734	1.851	.0021	.0126	.004	144.
%RSD	.0280	60.28	33.11	.3578	7.938	.2811	.0314
#1	476600.	-.6985	-6.900	.5814	-.1680	1.479	457900.
#2	476800.	-1.736	-4.282	.5785	-.1502	1.473	458100.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.107	-.8962	2.158	193400.	519800.	.2038	-2.349
SDev	.070	.2280	.328	149.	255.	.0927	.174
%RSD	6.302	25.44	15.20	.0768	.0490	45.49	7.399
#1	1.156	-.7350	1.926	193500.	519700.	.2694	-2.226
#2	1.057	-1.057	2.390	193300.	520000.	.1383	-2.472

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-329.4	-.3867	-4.643	-4.744	63.38	-4.038	.2471
SDev	4.0	.1836	1.615	4.799	51.89	3.242	.2834
%RSD	1.223	47.49	34.77	101.2	81.86	80.30	114.7
#1	-326.6	-.5165	-3.501	-8.138	100.1	-1.745	.4475
#2	-332.3	-.2568	-5.785	-1.350	26.69	-6.330	.0467

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	2.102	-3.720	-.2984	-3.248	-12.05	.5261	-7.228
SDev	.429	.301	.7592	1.058	.13	5.020	.086

%RSD	20.43	8.083	254.4	32.58	1.099	954.2	1.183
#1	1.798	-3.507	-.8352	-2.500	-11.95	4.076	-7.289
#2	2.406	-3.932	.2384	-3.996	-12.14	-3.023	-7.168

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.846	-3.207
SDev	6.633	3.884
%RSD	84.53	121.1
#1	-12.54	-5.953
#2	-3.156	-.4602

Method: SW846 Sample Name: ICSAB2 Operator:
Run Time: 08/11/08 22:06:51
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	476000.	100.3	98.63	107.4	98.76	98.39	460200.
SDev	1662.	5.2	.62	.4	.24	.27	1219.
%RSD	.3492	5.159	.6273	.3487	.2475	.2784	.2649
#1	474900.	96.69	99.07	107.1	98.59	98.19	459400.
#2	477200.	104.0	98.20	107.6	98.94	98.58	461100.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.65	96.31	107.9	194300.	519000.	100.0	94.70

SDev	.05	.82	.5	597.	1771.	.4	1.32
%RSD	.0484	.8497	.5017	.3076	.3412	.3542	1.395
#1	99.61	95.73	107.5	193800.	517700.	99.78	95.64
#2	99.68	96.89	108.3	194700.	520200.	100.3	93.77

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H12890.	104.4	96.59	96.75	11270.	90.07	97.82
SDev	26.	.8	.78	1.37	41.	.48	.66
%RSD	.2005	.7498	.8064	1.415	.3647	.5371	.6797
#1	H12870.	105.0	97.14	97.72	11240.	89.73	97.35
#2	H12910.	103.9	96.04	95.78	11300.	90.41	98.29

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	102.0	96.37	100.7	93.63	89.85	99.23	95.27
SDev	.8	.56	.4	7.19	.25	3.61	.63
%RSD	.7378	.5786	.3552	7.684	.2792	3.637	.6656
#1	101.5	95.97	100.4	98.71	89.67	101.8	94.82
#2	102.6	96.76	100.9	88.54	90.03	96.68	95.72

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	97.62	96.31
SDev	10.52	3.20
%RSD	10.78	3.322

#1	105.1	94.05
#2	90.18	98.57

Method: SW846 Sample Name: CCV4 Operator:
Run Time: 08/11/08 22:12:46
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124600.	999.1	5037.	9876.	979.2	2458.	123700.
SDev	334.	4.1	12.	4.	.3	2.	129.
%RSD	.2684	.4099	.2406	.0365	.0268	.0684	.1039
#1	124300.	1002.	5045.	9874.	979.0	2457.	123600.
#2	124800.	996.2	5028.	9879.	979.4	2460.	123800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4892.	2469.	12340.	98300.	123400.	4926.	2457.
SDev	9.	5.	25.	6.	330.	11.	5.
%RSD	.1891	.1832	.2044	.0057	.2672	.2324	.1959
#1	4886.	2465.	12320.	98300.	123100.	4918.	2460.
#2	4899.	2472.	12360.	98310.	123600.	4934.	2454.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H56240.	1266.	9921.	5033.	132100.	4931.	2452.
SDev	71.	2.	23.	10.	508.	12.	7.
%RSD	.1263	.1425	.2332	.1923	.3845	.2459	.2976
#1	H56190.	1265.	9904.	5026.	131800.	4923.	2447.
#2	H56290.	1267.	9937.	5040.	132500.	4940.	2457.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2494.	1008.	2477.	992.3	9793.	9903.	9929.
SDev	5.	3.	6.	2.2	12.	7.	31.
%RSD	.2019	.2580	.2448	.2170	.1186	.0697	.3146
#1	2490.	1006.	2473.	990.8	9785.	9898.	9907.
#2	2497.	1010.	2481.	993.8	9801.	9908.	9952.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5008.	5046.
SDev	14.	7.
%RSD	.2835	.1471
#1	4998.	5041.
#2	5018.	5051.

Method: SW846 Sample Name: CCB4 Operator:
Run Time: 08/11/08 22:18:40
Comment: DILUTIONS OF LCSW
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.991	1.706	.0510	-.3742	-.0855	.0131	10.26
SDev	.336	.488	.5794	.2024	.0039	.0153	.13
%RSD	4.808	28.57	1137.	54.10	4.618	116.3	1.292

#1	6.753	1.362	.4607	-.2310	-.0882	.0239	10.35
#2	7.228	2.051	-.3587	-.5174	-.0827	.0023	10.16

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3332	.2844	.5202	-1.200	8.406	-.1476	.2717
SDev	.4997	.2162	.0052	5.062	2.313	.0576	.2140
%RSD	150.0	76.03	1.003	422.0	27.52	39.03	78.78
#1	.6866	.4373	.5239	2.380	10.04	-.1068	.4230
#2	-.0201	.1315	.5165	-4.779	6.770	-.1883	.1203

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-336.0	-.0092	.0767	1.153	94.32	3.171	.2447
SDev	9.1	.2578	.9574	2.381	33.59	.947	.0770
%RSD	2.703	2806.	1248.	206.5	35.61	29.87	31.45
#1	-329.6	.1731	.7537	-.5305	70.57	3.841	.2992
#2	-342.5	-.1915	-.6002	2.836	118.1	2.501	.1903

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6283	-2.676	-.1868	-.2690	-.0032	2.196	-.9858
SDev	.1374	.553	.8981	.9368	.2155	1.786	2.3270
%RSD	21.87	20.65	480.9	348.2	6718.	81.34	236.1
#1	.7254	-2.285	.4483	-.9315	.1492	.9329	.6597

#2	.5311	-3.067	-.8218	.3934	-.1556	3.459	-2.631

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.0736	1.681
SDev	5.810	.668
%RSD	7890.	39.76
#1	-4.035	1.208
#2	4.182	2.154

Method: SW846 Standard: T2CAL-BLK
Run Time: 08/11/08 22:24:35

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	.7198	-.0243	-.0688	.0008	-.0966	-.0167	.1699
SDev	.0045	.0028	.0172	.0004	.0006	.0129	.0023
%RSD	.6256	11.71	25.03	47.21	.6613	77.08	1.342
#1	.7230	-.0223	-.0810	.0010	-.0961	-.0076	.1715
#2	.7166	-.0263	-.0566	.0005	-.0970	-.0258	.1683

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0023	-.0053	.0131	-.0035	-.0162	.0025	-.0271
SDev	.0011	.0025	.0000	.0122	.0028	.0007	.0061
%RSD	47.07	47.07	.0792	343.8	17.60	28.36	22.39
#1	.0015	-.0035	.0132	.0051	-.0142	.0030	-.0228
#2	.0030	-.0071	.0131	-.0121	-.0182	.0020	-.0313

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	10.71	-.0903	.0369	-.0941	.0035	.0260	.0496
SDev	.06	.0074	.0236	.0042	.0007	.0004	.0014

%RSD	.5598	8.240	63.99	4.483	20.13	1.452	2.807
#1	10.76	-.0850	.0536	-.0911	.0030	.0263	.0486
#2	10.67	-.0955	.0202	-.0970	.0040	.0258	.0505

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.0650	.0470	-.0121	.1881	-.0339	-.2462	.0885
SDev	.0439	.0133	.0029	.0184	.0365	.0749	.0365
%RSD	67.62	28.23	23.49	9.806	107.7	30.42	41.29
#1	.0339	.0564	-.0101	.1751	-.0597	-.1933	.1143
#2	.0960	.0377	-.0142	.2011	-.0081	-.2992	.0627

Method: SW846 Standard: T2CAL1
Run Time: 08/11/08 22:30:31

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	54.35	4.440	31.87	17.76	9.468	57.68	63.26
SDev	.13	.018	.23	.04	.004	.06	.06
%RSD	.2370	.4156	.7335	.2286	.0415	.1025	.0876
#1	54.44	4.454	32.04	17.78	9.471	57.64	63.29
#2	54.26	4.427	31.71	17.73	9.465	57.73	63.22

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	16.51	3.330	11.13	19.48	28.71	12.61	13.27
SDev	.02	.005	.02	.02	.07	.00	.00
%RSD	.1084	.1420	.1519	.0979	.2400	.0187	.0359
#1	16.50	3.327	11.14	19.49	28.76	12.61	13.26
#2	16.52	3.334	11.11	19.46	28.66	12.61	13.27

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.819	15.45	3.484	4.492	2.122	34.20	3.833
SDev	.008	.04	.005	.015	.006	.19	.075
%RSD	.2039	.2538	.1313	.3260	.2824	.5641	1.961
#1	3.824	15.42	3.481	4.481	2.118	34.33	3.779
#2	3.813	15.47	3.487	4.502	2.126	34.06	3.886

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	46.14	72.44	76.29	12.98	12.41
SDev	.03	.07	.13	.02	.08
%RSD	.0755	.0914	.1739	.1785	.6656

#1	46.17	72.49	76.38	13.00	12.47
#2	46.12	72.39	76.20	12.97	12.36

Method: SW846 Standard: T2CAL2
Run Time: 08/11/08 22:36:28

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	274.9	22.69	160.8	88.10	47.24	282.6	311.5
SDev	.4	.10	.2	.22	.04	.6	.7
%RSD	.1481	.4560	.1318	.2519	.0799	.2157	.2096

#1	275.2	22.76	160.9	88.26	47.21	282.2	311.1
#2	274.6	22.61	160.6	87.95	47.26	283.0	312.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	82.37	16.62	57.20	96.78	151.1	62.42	65.80
SDev	.16	.02	.14	.12	.2	.14	.12
%RSD	.1973	.1430	.2437	.1190	.1116	.2227	.1878
#1	82.26	16.60	57.30	96.69	151.2	62.32	65.71
#2	82.49	16.64	57.10	96.86	151.0	62.52	65.89

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	20.13	77.67	17.56	21.86	10.63	171.6	19.56
SDev	.02	.17	.04	.08	.05	.4	.02
%RSD	.1158	.2221	.2179	.3884	.4995	.2091	.1241
#1	20.15	77.55	17.53	21.80	10.66	171.3	19.54
#2	20.11	77.79	17.58	21.92	10.59	171.8	19.57

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	230.4	359.4	379.4	66.32	61.99
SDev	.1	.1	.2	.08	.04
%RSD	.0448	.0224	.0406	.1259	.0633
#1	230.3	359.4	379.3	66.26	61.96
#2	230.4	359.5	379.5	66.38	62.01

Method: SW846 Standard: T2CAL3
Run Time: 08/11/08 22:42:24

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	544.8	45.49	318.3	170.5	92.45	547.6	600.3
SDev	.8	.02	1.1	.3	.06	.5	.6
%RSD	.1488	.0457	.3329	.1856	.0655	.0946	.0951
#1	545.4	45.50	319.1	170.8	92.49	548.0	600.7
#2	544.2	45.47	317.6	170.3	92.40	547.3	599.9

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	161.8	32.61	115.5	189.7	308.7	121.2	128.2
SDev	.0	.03	.1	.4	.4	.1	.1
%RSD	.0142	.0771	.1114	.1888	.1320	.0585	.1048
#1	161.8	32.59	115.6	190.0	309.0	121.1	128.2
#2	161.7	32.62	115.4	189.5	308.4	121.2	128.1

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	666.3	41.17	159.3	152.6	34.89	42.34	21.00
SDev	2.2	.04	.5	.4	.03	.04	.06
%RSD	.3301	.0900	.2860	.2475	.0833	.0869	.2674
#1	667.8	41.20	159.6	152.8	34.87	42.36	21.04
#2	664.7	41.15	159.0	152.3	34.91	42.31	20.96

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	340.3	38.74	451.9	703.2	743.0	131.3	122.3
SDev	.2	.06	.3	1.6	1.8	.6	.5
%RSD	.0496	.1623	.0564	.2235	.2405	.4354	.4297
#1	340.4	38.79	452.1	704.3	744.3	131.7	122.7
#2	340.2	38.70	451.7	702.1	741.7	130.9	121.9

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	460.717	-329.150	08/11/08 10:42:24

Standardization Report 08/11/08 10:48:17 PM page 82

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Sb2068	206.838	Multiple	Standards	45.4777	1.12498	08/11/08 10:42:24
As1890	189.042	Multiple	Standards	31.2796	2.15667	08/11/08 10:42:24
Ba4934	493.409	Multiple	Standards	114.448	-.389228	08/11/08 10:42:24
Be3130	313.042	Multiple	Standards	21.1687	2.01788	08/11/08 10:42:24
Cd2265	226.502	Multiple	Standards	8.90604	.037503	08/11/08 10:42:24
Ca3179	317.933	Multiple	Standards	404.629	-73.6342	08/11/08 10:42:24
Cr2677	267.716	Multiple	Standards	61.0102	-.211330	08/11/08 10:42:24
Co2286	228.616	Multiple	Standards	152.365	.767345	08/11/08 10:42:24
Cu3247	324.754	Multiple	Standards	219.900	-2.40601	08/11/08 10:42:24
Fe2714	271.441	Multiple	Standards	1040.64	1.64019	08/11/08 10:42:24
Mg3832	383.231	Multiple	Standards	834.831	22.3798	08/11/08 10:42:24
Mn2576	257.610	Multiple	Standards	80.6679	-.359141	08/11/08 10:42:24
Ni2316	231.604	Multiple	Standards	38.1524	.960393	08/11/08 10:42:24
K_7664	766.491	T2CAL3	T2CAL-BLK	.895534	.252435	08/11/08 10:42:24
Ag3280	328.068	Multiple	Standards	62.0913	5.66830	08/11/08 10:42:24
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	.915869	.011493	08/11/08 10:42:24
Tl1908	190.864	Multiple	Standards	64.6992	6.02841	08/11/08 10:42:24
V_2924	292.402	Multiple	Standards	143.334	-.493203	08/11/08 10:42:24
Zn2062	206.200	Multiple	Standards	106.577	-2.88285	08/11/08 10:42:24
B_2496	249.678	Multiple	Standards	95.5232	-4.71681	08/11/08 10:42:24
Mo2020	202.030	Multiple	Standards	14.6187	-.949301	08/11/08 10:42:24
Sn1899	189.989	Multiple	Standards	49.0620	-2.28140	08/11/08 10:42:24
Ti3349	334.941	Multiple	Standards	43.6769	.382518	08/11/08 10:42:24
2203/1	220.351	Multiple	Standards	28.1960	-5.51225	08/11/08 10:42:24
2203/2	220.352	Multiple	Standards	26.4041	.690949	08/11/08 10:42:24
1960/1	196.021	Multiple	Standards	75.5531	18.5994	08/11/08 10:42:24
1960/2	196.022	Multiple	Standards	80.6349	-7.15392	08/11/08 10:42:24

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	2.47439	-2.47439
		T2CAL1	25000.0	24711.5	288.533
		T2CAL2	125000.	126327.	-1326.89
		T2CAL3	250000.	250660.	-660.453

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	.021217	-.021217
		T2CAL1	200.000	203.068	-3.06831
		T2CAL2	1000.00	1032.89	-32.8896
		T2CAL3	2000.00	2069.77	-69.7676

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	.005387	-.005387
		T2CAL1	1000.00	999.176	.823914
		T2CAL2	5000.00	5030.69	-30.6924
		T2CAL3	10000.0	9959.19	40.8145

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.302405	.302405

Standardization Readback Report 08/11/08 10:48:17 PM page 83

		T2CAL1	2000.00	2031.76	-31.7577
		T2CAL2	10000.0	10082.9	-82.9258
		T2CAL3	20000.0	19516.6	483.428

CorCoef: 0.99985

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.026578	.026578
		T2CAL1	200.000	202.439	-2.43877
		T2CAL2	1000.00	1001.97	-1.97174
		T2CAL3	2000.00	1958.96	41.0360

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.111064	.111064
		T2CAL1	500.000	513.772	-13.7721
		T2CAL2	2500.00	2516.80	-16.8003
		T2CAL3	5000.00	4877.41	122.586

CorCoef: 0.99986

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-4.88740	4.88740
		T2CAL1	25000.0	25521.3	-521.268
		T2CAL2	125000.	125980.	-979.875
		T2CAL3	250000.	242828.	7172.47

CorCoef: 0.99981

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.072531	.072531
		T2CAL1	1000.00	1007.16	-7.16278
		T2CAL2	5000.00	5025.21	-25.2051
		T2CAL3	10000.0	9868.89	131.113

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.041466	.041466
		T2CAL1	500.000	508.195	-8.19513
		T2CAL2	2500.00	2532.87	-32.8740
		T2CAL3	5000.00	4968.90	31.1045

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	.485020	-.485020
		T2CAL1	2500.00	2444.41	55.5898
		T2CAL2	12500.0	12576.4	-76.4404
		T2CAL3	25000.0	25403.0	-403.016

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-2.03822	2.03822
		T2CAL1	20000.0	20268.1	-268.105
		T2CAL2	100000.	100711.	-710.602
		T2CAL3	200000.	197448.	2551.69

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	8.87240	-8.87240

		T2CAL1	25000.0	23987.9	1012.08
		T2CAL2	125000.	126181.	-1181.38
		T2CAL3	250000.	257758.	-7757.98

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.155167	.155167
		T2CAL1	1000.00	1017.05	-17.0485
		T2CAL2	5000.00	5034.91	-34.9072
		T2CAL3	10000.0	9775.45	224.549

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.071635	.071635
		T2CAL1	500.000	507.123	-7.12311
		T2CAL2	2500.00	2511.38	-11.3831
		T2CAL3	5000.00	4890.25	109.747

CorCoef: 0.99990

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	9.84613	10.7128	-.866690
		T2CAL3	596.937	666.289	-69.3521

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.064159	-.064159
		T2CAL1	250.000	242.779	7.22057
		T2CAL2	1250.00	1255.48	-5.48047
		T2CAL3	2500.00	2562.05	-62.0549

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	T2CAL-BLK	.045309	.036922	.008387
		T2CAL3	145.892	159.281	-13.3890

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK	.000000	-.056547	.056547
		T2CAL1	1000.00	1005.32	-5.31512
		T2CAL2	5000.00	5031.06	-31.0562
		T2CAL3	10000.0	9877.24	122.763

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	.014098	-.014098
		T2CAL1	500.000	498.849	1.15137

		T2CAL2	2500.00	2515.85	-15.8467
		T2CAL3	5000.00	5000.54	-.535645

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK	.000000	-.107450	.107450
		T2CAL1	500.000	475.828	24.1716
		T2CAL2	2500.00	2326.72	173.278

		T2CAL3	5000.00	4509.32	490.679

CorCoef: 0.99986

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T2CAL-BLK	.000000	.016703	-.016703
		T2CAL1	200.000	197.959	2.04138
		T2CAL2	1000.00	1010.27	-10.2702
		T2CAL3	2000.00	2001.03	-1.02844

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK	.000000	.000321	-.000321
		T2CAL1	500.000	498.974	1.02591
		T2CAL2	2500.00	2506.91	-6.90894
		T2CAL3	5000.00	4973.85	26.1484

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	.026961	-.026961
		T2CAL1	200.000	185.754	14.2458
		T2CAL2	1000.00	957.259	42.7407
		T2CAL3	2000.00	1898.54	101.460

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.147483	.147483
		T2CAL1	2000.00	2015.79	-15.7939
		T2CAL2	10000.0	10062.5	-62.4902
		T2CAL3	20000.0	19738.6	261.438

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	-.208695	.208695
		T2CAL1	2000.00	2037.00	-37.0034
		T2CAL2	10000.0	10129.2	-129.227
		T2CAL3	20000.0	19822.1	177.947

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	-.203972	.203972
		T2CAL1	2000.00	2015.09	-15.0869
		T2CAL2	10000.0	10018.2	-18.2256
		T2CAL3	20000.0	19619.0	380.955

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK	.000000	-.003636	.003636
		T2CAL1	1000.00	999.432	.567627

		T2CAL2	5000.00	5029.22	-29.2168
		T2CAL3	10000.0	9938.54	61.4648

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	-.017405	.017405
		T2CAL1	1000.00	993.840	6.15979
		T2CAL2	5000.00	4991.01	8.98633
		T2CAL3	10000.0	9855.65	144.351

CorCoef: 0.99998

Method: SW846 Sample Name: HSA Operator:

Run Time: 08/11/08 22:48:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	249000.	2016.	9941.	19410.	1966.	4873.	243800.
SDev	476.	5.	.	25.	.	2.	125.
%RSD	.1912	.2574	.0029	.1265	.0247	.0394	.0511
#1	248600.	2020.	9940.	19400.	1966.	4872.	243700.
#2	249300.	2012.	9941.	19430.	1967.	4874.	243800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9896.	4937.	25230.	197300.	256300.	9778.	4908.
SDev	15.	3.	66.	8.	577.	23.	.
%RSD	.1486	.0655	.2606	.0042	.2253	.2386	.0053
#1	9885.	4935.	25180.	197300.	255900.	9762.	4908.
#2	9906.	4940.	25270.	197300.	256700.	9795.	4908.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99340.	2554.	19720.	9922.	249200.	9884.	4997.
SDev	164.	7.	2.	28.	388.	3.	14.
%RSD	.1656	.2712	.0099	.2836	.1556	.0346	.2743
#1	99220.	2549.	19710.	9942.	248900.	9887.	4987.
#2	99450.	2558.	19720.	9902.	249500.	9882.	5006.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4896.	1990.	4977.	2012.	19740.	19720.	19710.
SDev	1.	3.	6.	20.	33.	23.	14.
%RSD	.0271	.1558	.1229	.9813	.1693	.1167	.0731
#1	4895.	1988.	4973.	1998.	19720.	19740.	19700.
#2	4897.	1992.	4981.	2026.	19760.	19710.	19720.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	9932.	9917.
SDev	18.	33.
%RSD	.1850	.3329
#1	9945.	9940.
#2	9919.	9893.

Method: SW846 Sample Name: ICV/CCV1 Operator:
Run Time: 08/11/08 22:54:17
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125700.	991.8	5019.	9967.	994.2	2498.	126000.
SDev	175.	3.1	3.	12.	1.8	7.	438.

%RSD	.1391	.3128	.0683	.1177	.1787	.2631	.3473
#1	125600.	989.6	5016.	9976.	992.9	2493.	125700.
#2	125900.	994.0	5021.	9959.	995.5	2503.	126300.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4950.	2494.	12380.	100400.	125700.	4983.	2494.
SDev	16.	11.	1.	215.	192.	19.	7.
%RSD	.3147	.4335	.0083	.2146	.1531	.3715	.2964
#1	4939.	2487.	12380.	100200.	125500.	4970.	2489.
#2	4961.	2502.	12380.	100500.	125800.	4996.	2499.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51650.	1256.	10030.	5034.	127900.	5025.	2499.
SDev	92.	.	33.	2.	149.	17.	8.
%RSD	.1783	.0035	.3257	.0325	.1167	.3425	.3208
#1	51720.	1256.	10000.	5033.	127800.	5013.	2493.
#2	51590.	1256.	10050.	5035.	128000.	5037.	2505.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2506.	1015.	2482.	1002.	9952.	10020.	10030.
SDev	13.	3.	1.	3.	11.	24.	37.
%RSD	.5384	.2472	.0507	.3448	.1113	.2412	.3678
#1	2496.	1013.	2481.	999.6	9944.	10000.	10010.
#2	2515.	1016.	2483.	1004.	9960.	10040.	10060.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5036.	5033.
SDev	5.	5.
%RSD	.1076	.1025
#1	5039.	5030.
#2	5032.	5037.

Method: SW846 Sample Name: ICB/CCB1 Operator:
Run Time: 08/11/08 23:00:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.089	.1456	-1.161	-.2741	-.0036	.0890	-4.926
SDev	17.473	1.452	.439	.0865	.1221	.0896	.635
%RSD	216.0	996.8	37.85	31.54	3429.	100.7	12.90
#1	-20.44	1.172	-.8502	-.3353	.0828	.0257	-5.375
#2	4.266	-.8810	-1.472	-.2130	-.0899	.1524	-4.476

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5669	.5417	.4176	-6.562	8.801	-.1177	-.2765
SDev	.0378	.1205	.4761	.964	1.400	.1267	.3269
%RSD	6.663	22.25	114.0	14.70	15.91	107.7	118.2
#1	.5936	.6270	.0809	-7.243	9.791	-.2073	-.0454
#2	.5402	.4565	.7543	-5.880	7.811	-.0281	-.5077

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-401.7	.3115	1.249	1.867	130.3	3.379	.0617
SDev	115.5	.0862	.585	2.662	59.6	.568	.0039
%RSD	28.76	27.68	46.86	142.6	45.77	16.80	6.325
#1	-483.4	.3725	1.663	-.0155	88.10	3.781	.0645
#2	-320.0	.2505	.8352	3.749	172.4	2.978	.0590

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6009	.8520	1.946	1.106	.1878	2.728	.5066
SDev	.5684	.9999	.689	1.077	.0421	.177	.9661
%RSD	94.59	117.4	35.38	97.43	22.39	6.472	190.7
#1	-.1990	.1450	2.433	1.867	.2175	2.603	1.190
#2	-1.003	1.559	1.459	.3440	.1581	2.853	-.1766

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.9033	3.240

SDev	6.9597	.516
%RSD	770.5	15.93
#1	-5.825	2.875
#2	4.018	3.605

Method: SW846 Sample Name: ICSA1 Operator:
Run Time: 08/11/08 23:06:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	465700.	.0126	-4.146	.5496	-.0983	.7836	452400.
SDev	24842.	2.234	8.074	.1722	.0443	.0923	25276.
%RSD	5.334	17680.	194.8	31.33	45.01	11.78	5.588
#1	483300.	-1.567	1.564	.6714	-.1296	.8489	470200.
#2	448100.	1.592	-9.855	.4279	-.0670	.7183	434500.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.187	-.2738	2.459	191300.	511000.	.2791	-1.522
SDev	.179	.9188	.098	11057.	28324.	.2418	.119
%RSD	15.11	335.6	4.003	5.780	5.543	86.64	7.811
#1	1.314	.3759	2.389	199100.	531000.	.4501	-1.606
#2	1.060	-.9235	2.528	183500.	491000.	.1081	-1.438

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-383.9	-.4156	-2.152	-1.584	95.32	-5.814	-.5327
SDev	86.2	.0833	.595	4.866	110.7	1.775	.5804

%RSD	22.45	20.06	27.63	307.1	116.1	30.53	108.9
#1	-323.0	-.3566	-2.572	1.856	173.6	-7.069	-.1223
#2	-444.9	-.4745	-1.731	-5.025	17.08	-4.558	-.9431

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.846	.5241	-.2434	-2.845	-11.58	4.125	-5.290
SDev	1.191	.2472	1.9818	2.052	.51	1.584	.101
%RSD	30.97	47.17	814.3	72.13	4.441	38.39	1.907
#1	4.689	.6989	1.158	-1.394	-11.95	3.005	-5.361
#2	3.004	.3493	-1.645	-4.296	-11.22	5.245	-5.219

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.502	-.6377
SDev	1.839	6.3763
%RSD	52.50	1000.0
#1	-2.202	3.871
#2	-4.802	-5.146

Method: SW846 Sample Name: ICSAB1 Operator:
Run Time: 08/11/08 23:12:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	485700.	97.64	99.07	109.3	100.9	101.3	471300.
SDev	717.	.61	7.79	.1	.1	.7	568.

%RSD	.1477	.6259	7.861	.0713	.0798	.6902	.1206
#1	485200.	98.08	93.57	109.2	100.8	101.8	470900.
#2	486200.	97.21	104.6	109.4	100.9	100.8	471700.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	101.8	97.81	109.5	199500.	534000.	102.3	96.80
SDev	.2	.23	.7	125.	784.	.3	.40
%RSD	.1540	.2306	.6106	.0626	.1469	.2776	.4121
#1	101.7	97.65	109.0	199400.	533500.	102.1	96.52
#2	101.9	97.97	109.9	199600.	534600.	102.5	97.08

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11980.	105.1	98.90	102.5	11010.	97.24	100.2
SDev	3.	.2	.12	3.7	34.	3.03	.1
%RSD	.0269	.1963	.1246	3.648	.3052	3.115	.0829
#1	11980.	104.9	98.99	99.90	10990.	99.38	100.1
#2	11970.	105.2	98.81	105.2	11040.	95.10	100.3

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	108.9	102.4	102.4	96.68	92.29	103.6	96.55
SDev	.2	.5	.1	4.90	.11	.7	.16
%RSD	.1606	.5142	.1194	5.066	.1194	.6740	.1697
#1	109.0	102.8	102.5	93.21	92.21	104.1	96.44
#2	108.8	102.0	102.3	100.1	92.37	103.1	96.67

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	100.5	103.6
SDev	.8	6.0
%RSD	.8190	5.812
#1	101.0	99.32
#2	99.87	107.8

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 08/11/08 23:17:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.30	10.34	.8730	19480.	-2.040	-1.018	57.70
SDev	6.68	.27	.2774	46.	.331	.028	.01
%RSD	38.64	2.601	31.78	.2377	16.24	2.747	.0134

#1	22.02	10.15	1.069	19510.	-1.806	-1.038	57.71
#2	12.57	10.53	.6769	19450.	-2.274	-.9980	57.70

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20370.	20440.	-.7332	-69.85	31.69	19180.	1.307
SDev	38.	30.	.1576	4.24	2.40	49.	.904
%RSD	.1860	.1453	21.50	6.066	7.558	.2569	69.16
#1	20340.	20420.	-.8446	-72.85	33.39	19150.	.6677
#2	20400.	20470.	-.6217	-66.85	30.00	19220.	1.946

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-302.8	-1.337	3.587	-2.362	100.4	-1.617	20060.
SDev	9.4	.578	.414	.029	61.4	2.774	50.
%RSD	3.092	43.24	11.54	1.221	61.16	171.6	.2491
#1	-309.4	-1.745	3.294	-2.383	57.00	.3446	20020.
#2	-296.2	-.9279	3.880	-2.342	143.9	-3.579	20090.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5490.	9748.	9662.	14.07	19440.	15.66	-2.444
SDev	23.	3.	14.	2.44	1.	2.90	.829
%RSD	.4130	.0340	.1441	17.36	.0075	18.54	33.90
#1	5474.	9745.	9653.	12.35	19440.	13.60	-1.858
#2	5506.	9750.	9672.	15.80	19440.	17.71	-3.030

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.773	-4.937
SDev	.449	.181
%RSD	16.18	3.662
#1	2.456	-4.809
#2	3.090	-5.064

Method: SW846 Sample Name: MCL Operator:
Run Time: 08/11/08 23:23:54
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	200.1	10.46	9.952	10.27	10.41	10.60	2162.
SDev	3.5	2.14	1.051	.08	.01	.19	2.
%RSD	1.762	20.44	10.56	.7479	.1110	1.775	.0986
#1	197.6	11.97	9.209	10.33	10.42	10.73	2161.
#2	202.6	8.948	10.69	10.22	10.41	10.47	2164.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.25	10.35	10.55	152.4	1978.	10.49	10.63
SDev	.43	.81	.15	10.2	2.	.00	.45
%RSD	3.818	7.847	1.431	6.717	.0770	.0458	4.248
#1	11.56	10.92	10.66	159.7	1979.	10.48	10.31
#2	10.95	9.776	10.45	145.2	1977.	10.49	10.95

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5446.	9.796	11.06	12.13	5380.	8.812	10.62
SDev	26.	.046	.73	.76	112.	2.344	.26
%RSD	.4728	.4699	6.596	6.250	2.088	26.60	2.491
#1	5428.	9.764	11.58	12.67	5300.	7.155	10.81
#2	5464.	9.829	10.54	11.60	5459.	10.47	10.44

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.53	54.67	116.1	103.2	112.3	11.60	10.78
SDev	.12	.31	2.0	2.2	.3	.80	.70
%RSD	.7813	.5750	1.696	2.142	.2332	6.861	6.457
#1	15.62	54.89	117.5	101.7	112.5	12.17	11.28
#2	15.45	54.44	114.7	104.8	112.1	11.04	10.29

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.091	16.14
SDev	5.280	1.50
%RSD	129.1	9.292
#1	7.825	15.08
#2	.3578	17.20

Method: SW846 Sample Name: MCL-2 Operator:
Run Time: 08/11/08 23:29:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	104.6	5.222	2.917	4.928	5.137	5.559	1107.
SDev	.9	1.131	.312	.026	.017	.079	4.
%RSD	.8720	21.66	10.71	.5257	.3216	1.426	.3965
#1	104.0	4.422	2.696	4.910	5.149	5.615	1110.
#2	105.3	6.021	3.137	4.946	5.126	5.503	1104.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.203	5.500	6.192	68.64	1013.	5.354	6.789
SDev	.018	.397	.182	6.14	4.	.016	.195
%RSD	.2964	7.210	2.947	8.942	.3717	.3074	2.876
#1	6.216	5.781	6.321	72.98	1010.	5.366	6.927
#2	6.190	5.220	6.063	64.30	1016.	5.342	6.651

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2748.	5.164	6.159	7.024	2803.	3.858	5.697
SDev	3.	.132	.086	.833	40.	.424	.029
%RSD	.1153	2.562	1.404	11.86	1.410	10.99	.5070
#1	2746.	5.257	6.098	6.435	2775.	3.558	5.718
#2	2751.	5.070	6.220	7.613	2831.	4.158	5.677

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.06	26.84	57.57	52.29	56.49	6.209	6.129
SDev	.11	.64	.37	1.26	.25	1.794	1.026
%RSD	.9170	2.379	.6372	2.403	.4504	28.90	16.73
#1	11.98	27.29	57.82	53.17	56.67	7.478	5.404
#2	12.14	26.39	57.31	51.40	56.31	4.940	6.854

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.616	8.714
SDev	1.694	2.095
%RSD	46.83	24.04
#1	4.814	7.233
#2	2.419	10.20

Method: SW846 Sample Name: 940184-2X-952V3 Operator:
Run Time: 08/11/08 23:35:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49120.	-1.712	59.87	326.2	2.792	.0382	23800.
SDev	3929.	.593	6.61	26.1	.064	.0581	1896.
%RSD	7.998	34.64	11.04	8.013	2.298	152.0	7.966
#1	46340.	-2.131	55.20	307.7	2.746	-.0029	22460.
#2	51900.	-1.293	64.55	344.7	2.837	.0793	25140.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	82.22	47.13	92.28	113800.	31480.	2546.	102.6
SDev	6.72	3.40	7.37	9094.	2577.	206.	8.2
%RSD	8.170	7.224	7.989	7.991	8.186	8.088	7.983
#1	77.47	44.73	87.07	107400.	29660.	2400.	96.77
#2	86.97	49.54	97.50	120200.	33310.	2691.	108.3

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

24953V2

Avge	7967.	-.0142	58.61	2.494	1419.	-6.406	110.8
SDev	586.	.2996	5.55	1.646	93.	.315	9.7
%RSD	7.354	2105.	9.464	66.00	6.531	4.912	8.790
#1	7552.	.1976	54.69	1.330	1353.	-6.184	103.9
#2	8381.	-.2261	62.53	3.658	1485.	-6.629	117.7

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	222.0	18.69	11.23	5.686	1458.	38.30	68.75
SDev	17.7	2.23	.77	2.957	116.	3.37	6.63
%RSD	7.975	11.95	6.889	52.00	7.987	8.803	9.648
#1	209.5	17.11	10.68	3.595	1376.	35.91	64.06
#2	234.5	20.27	11.77	7.777	1541.	40.68	73.44

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.819	4.638
SDev	2.217	3.574
%RSD	121.8	77.06
#1	-.2519	2.111
#2	-3.387	7.165

Method: SW846 Sample Name: 940185-2X Operator:
Run Time: 08/11/08 23:41:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46600.	.3275	7.346	277.2	2.503	.6499	43000.
SDev	70.	.3066	.880	.3	.029	.0115	18.
%RSD	.1494	93.63	11.98	.1252	1.159	1.773	.0424
#1	46550.	.1107	6.724	277.5	2.523	.6417	42980.
#2	46650.	.5443	7.969	277.0	2.482	.6580	43010.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	85.60	40.99	101.0	107000.	34450.	2580.	89.84
SDev	.08	.39	.9	47.	27.	5.	.62
%RSD	.0880	.9421	.9248	.0443	.0791	.2096	.6857
#1	85.55	40.71	101.6	106900.	34430.	2576.	89.41
#2	85.66	41.26	100.3	107000.	34470.	2584.	90.28

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6965.	-.2897	63.41	3.872	1862.	-.8256	119.1
SDev	9.	.0106	.14	1.113	40.	1.6206	.2
%RSD	.1356	3.649	.2195	28.74	2.159	196.3	.2070
#1	6972.	-.2822	63.32	3.085	1890.	-1.971	118.9
#2	6959.	-.2972	63.51	4.658	1833.	.3203	119.2

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	216.6	19.06	2.279	9.572	1821.	41.83	74.19
SDev	.9	.30	1.230	.140	1.	3.57	1.99
%RSD	.4008	1.560	53.97	1.462	.0633	8.527	2.682

#1	216.0	19.27	1.409	9.473	1820.	44.35	72.78
#2	217.2	18.85	3.149	9.671	1822.	39.30	75.59

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.186	6.886
SDev	4.969	.813
%RSD	227.4	11.80

#1	-5.700	7.460
#2	1.328	6.311

Method: SW846 Sample Name: 940186-2X Operator:
Run Time: 08/11/08 23:47:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56990.	-1.119	156.4	407.0	3.050	1.408	41170.
SDev	70.	2.027	.0	.7	.053	.004	37.
%RSD	.1231	181.1	.0276	.1774	1.750	.3025	.0895

#1	56940.	.3139	156.4	407.5	3.087	1.405	41190.
#2	57040.	-2.552	156.4	406.5	3.012	1.411	41140.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	90.37	54.48	109.7	115900.	33940.	2113.	112.5
SDev	.48	.19	.1	132.	.	2.	.3
%RSD	.5261	.3408	.0641	.1135	.0009	.0893	.3064

#1	90.03	54.61	109.8	116000.	33940.	2112.	112.7
#2	90.70	54.34	109.7	115800.	33940.	2115.	112.2

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10850.	-.4578	66.07	5.149	2007.	-1.988	119.2
SDev	4.	.1900	1.22	1.430	55.	.302	.4
%RSD	.0388	41.50	1.843	27.77	2.757	15.18	.3151

#1	10850.	-.5922	66.93	4.138	1967.	-1.774	118.9
#2	10850.	-.3235	65.21	6.160	2046.	-2.201	119.4

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	260.8	20.38	15.66	7.873	1326.	43.56	77.30
SDev	.3	.47	.08	2.075	.	.84	1.41
%RSD	.1320	2.311	.4818	26.35	.0133	1.931	1.818

#1	261.0	20.71	15.60	9.340	1326.	44.16	78.29
#2	260.6	20.05	15.71	6.406	1326.	42.97	76.31

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.379	6.522
SDev	4.198	.048
%RSD	176.4	.7369

#1	-.5888	6.488
#2	5.347	6.556

Method: SW846 Sample Name: 940187-2X Operator:
Run Time: 08/11/08 23:53:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47730.	-.4764	5.381	295.3	2.538	.0841	28260.
SDev	326.	2.0106	.474	.5	.008	.3013	87.
%RSD	.6835	422.1	8.816	.1765	.3241	358.4	.3072
#1	47500.	-1.898	5.045	294.9	2.532	-.1290	28200.
#2	47960.	.9453	5.716	295.6	2.544	.2972	28320.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	79.85	41.21	92.79	125800.	32250.	3898.	94.73
SDev	.17	.64	.62	325.	171.	18.	.16
%RSD	.2129	1.552	.6661	.2581	.5313	.4559	.1738
#1	79.97	40.75	92.35	125600.	32130.	3885.	94.61
#2	79.73	41.66	93.23	126000.	32370.	3911.	94.84

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7331.	-.3251	62.39	5.403	1307.	-2.740	99.00
SDev	29.	.0527	.27	.905	34.	2.102	.13
%RSD	.3904	16.21	.4404	16.75	2.603	76.73	.1341
#1	7310.	-.3624	62.20	6.044	1331.	-4.226	98.90
#2	7351.	-.2878	62.58	4.763	1283.	-1.253	99.09

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.3	17.94	1.193	6.790	1220.	36.36	75.38
SDev	.3	.15	1.035	.966	3.	1.93	.55
%RSD	.1359	.8445	86.70	14.23	.2738	5.318	.7344
#1	206.1	18.05	1.925	6.107	1218.	35.00	75.77
#2	206.5	17.83	.4618	7.474	1223.	37.73	74.99

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.161	8.671
SDev	4.830	1.054
%RSD	416.0	12.16
#1	2.254	7.925
#2	-4.576	9.416

Method: SW846 Sample Name: 940188-2X Operator:
Run Time: 08/11/08 23:59:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63980.	-.1573	36.42	463.4	3.831	-.0177	22960.
SDev	335.	2.4046	1.16	.9	.054	.0413	140.

24953V2

%RSD	.5240	1529.	3.187	.1908	1.407	233.9	.6115
#1	63750.	-1.858	35.60	462.8	3.793	.0116	22860.
#2	64220.	1.543	37.24	464.1	3.869	-.0469	23060.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	100.8	73.78	120.0	129500.	36130.	2078.	132.6
SDev	1.0	.89	.8	649.	191.	15.	1.1
%RSD	1.010	1.203	.6609	.5011	.5279	.7033	.8336
#1	100.1	73.15	119.4	129100.	35990.	2068.	131.9
#2	101.5	74.40	120.6	130000.	36260.	2088.	133.4

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10310.	-.6436	74.15	3.448	2472.	-1.930	138.1
SDev	25.	.2436	.90	.880	44.	1.583	.4
%RSD	.2387	37.85	1.210	25.52	1.771	82.00	.2765
#1	10290.	-.4714	74.78	4.071	2441.	-3.050	137.8
#2	10320.	-.8158	73.52	2.826	2503.	-.8111	138.4

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	285.0	23.16	3.895	8.316	1276.	51.01	85.70
SDev	2.9	.08	.079	.063	6.	.94	1.82
%RSD	1.019	.3557	2.023	.7587	.4725	1.850	2.120
#1	283.0	23.22	3.950	8.361	1271.	50.34	86.98
#2	287.1	23.10	3.839	8.272	1280.	51.68	84.41

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.9962	5.657
SDev	3.6799	.518
%RSD	369.4	9.150
#1	1.606	5.291
#2	-3.598	6.023

Method: SW846 Sample Name: CCV2 Operator:
Run Time: 08/12/08 00:05:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126800.	994.9	5016.	10040.	997.9	2511.	126200.
SDev	65.	1.2	6.	2.	1.5	4.	238.
%RSD	.0510	.1177	.1263	.0200	.1496	.1584	.1883
#1	126800.	995.7	5011.	10030.	996.9	2508.	126100.
#2	126900.	994.1	5020.	10040.	999.0	2514.	126400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5002.	2521.	12540.	100600.	126800.	5053.	2504.
SDev	12.	6.	2.	104.	25.	12.	3.
%RSD	.2499	.2271	.0151	.1034	.0197	.2467	.1383

24953V2

#1	4993.	2517.	12540.	100600.	126700.	5044.	2501.
#2	5011.	2525.	12540.	100700.	126800.	5062.	2506.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

Analysis Report 08/12/08 00:11:14 AM page 117

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51780.	1262.	10080.	5037.	128600.	5043.	2549.
SDev	36.	1.	8.	6.	145.	9.	6.
%RSD	.0701	.0438	.0840	.1163	.1124	.1818	.2364
#1	51800.	1261.	10080.	5041.	128700.	5037.	2545.
#2	51750.	1262.	10090.	5033.	128500.	5050.	2553.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2512.	1020.	2488.	1025.	10020.	10140.	10060.
SDev	6.	1.	5.	2.	14.	32.	3.
%RSD	.2316	.0771	.1864	.1670	.1397	.3136	.0316
#1	2508.	1021.	2485.	1024.	10010.	10110.	10060.
#2	2516.	1019.	2492.	1026.	10030.	10160.	10060.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5085.	5013.
SDev	5.	11.
%RSD	.0937	.2226
#1	5082.	5021.
#2	5088.	5006.

Method: SW846 Sample Name: CCB2 Operator:
Run Time: 08/12/08 00:11:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Analysis Report 08/12/08 00:17:09 AM page 119

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1314	-.7870	-.9873	-.3011	-.0776	.1084	-2.760
SDev	4.427	1.6546	1.0850	.0416	.0180	.0288	1.118
%RSD	3370.	210.2	109.9	13.82	23.15	26.60	40.51
#1	3.262	.3829	-1.754	-.3306	-.0649	.1288	-3.550
#2	-2.999	-1.957	-.2200	-.2717	-.0903	.0880	-1.969

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5241	-.2856	.6392	-2.080	9.962	-.0697	-.1751
SDev	.1558	.2784	.1556	2.248	.621	.0589	.1955
%RSD	29.73	97.48	24.35	108.1	6.238	84.52	111.7
#1	.4139	-.0888	.7492	-.4906	10.40	-.1113	-.0368
#2	.6343	-.4825	.5291	-3.669	9.522	-.0280	-.3134

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-318.4	-.1434	.1137	.8915	168.0	1.689	.1049
SDev	9.0	.6456	.1930	.7602	24.0	.900	.1433
%RSD	2.821	450.3	169.8	85.27	14.31	53.26	136.6

#1	-324.7	-.5999	-.0228	1.429	151.0	2.325	.0036
#2	-312.0	.3132	.2502	.3540	185.0	1.053	.2063

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0612	.6249	1.551	-.1035	.0910	-.1321	.2318
SDev	.2801	.2147	.522	3.2955	.0313	.6451	.6115
%RSD	457.7	34.36	33.64	3184.	34.38	488.4	263.8

#1	-.1369	.4730	1.920	-2.434	.0689	.3241	-.2006
#2	.2593	.7767	1.182	2.227	.1131	-.5883	.6642

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.722	3.184
SDev	.739	1.508
%RSD	19.85	47.38

#1	-4.244	4.250
#2	-3.199	2.117

Method: SW846 Sample Name: 940251-2X Operator:
Run Time: 08/12/08 00:17:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38180.	3.269	19.75	322.8	1.833	1.022	5322.
SDev	104.	.299	2.64	.7	.015	.159	3.
%RSD	.2716	9.159	13.36	.2203	.8299	15.58	.0533

#1	38250.	3.481	21.61	323.3	1.822	.9098	5320.
#2	38110.	3.057	17.88	322.3	1.844	1.135	5324.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.15	19.26	180.5	58060.	10210.	636.8	54.58
SDev	.31	.35	.2	21.	11.	.6	.50
%RSD	.5555	1.841	.0966	.0360	.1124	.1010	.9174

#1	55.93	19.01	180.6	58080.	10210.	636.3	54.22
#2	56.37	19.51	180.4	58050.	10200.	637.2	54.93

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4316.	.0537	321.2	5.441	1222.	-.0516	82.66
SDev	15.	.4426	1.1	1.517	39.	2.2352	.09
%RSD	.3417	824.0	.3510	27.88	3.208	4330.	.1142

#1	4327.	-.2593	320.4	6.513	1194.	1.529	82.59
#2	4306.	.3667	322.0	4.368	1249.	-1.632	82.72

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	451.4	34.91	4.247	16.53	904.3	316.2	323.7
SDev	.4	.24	1.718	.34	.4	2.2	.6
%RSD	.0814	.6891	40.45	2.037	.0408	.6823	.1894

#1	451.1	35.08	5.461	16.29	904.5	314.7	323.2
#2	451.7	34.74	3.032	16.77	904.0	317.7	324.1

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	.5485	7.872
SDev	5.462	.453

%RSD	996.0	5.753
#1	4.411	7.552
#2	-3.314	8.193

Method: SW846 Sample Name: 940252-2X Operator:
Run Time: 08/12/08 00:23:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	41180.	4.591	19.48	205.9	2.163	1.467	15880.
SDev	86.	.691	.96	.3	.000	.120	6.
%RSD	.2094	15.06	4.926	.1355	.0094	8.166	.0363
#1	41240.	4.102	18.80	206.1	2.163	1.552	15880.
#2	41110.	5.080	20.16	205.7	2.163	1.382	15890.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	79.35	40.86	493.4	82390.	19410.	1031.	95.72
SDev	.08	.38	1.1	4.	33.	2.	.13
%RSD	.0958	.9359	.2210	.0049	.1713	.1476	.1403
#1	79.41	40.59	494.2	82380.	19440.	1030.	95.63
#2	79.30	41.13	492.7	82390.	19390.	1032.	95.82

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5694.	.0938	424.4	3.060	2352.	-2.886	121.9
SDev	23.	.0053	.6	2.607	22.	1.778	.3
%RSD	.3971	5.678	.1530	85.19	.9528	61.62	.2468

#1	5710.	.0900	423.9	1.217	2368.	-1.628	121.7
#2	5678.	.0976	424.8	4.904	2336.	-4.143	122.1

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	732.3	110.7	4.702	44.38	2246.	410.5	431.3
SDev	.3	1.3	.759	1.38	1.	3.4	.7
%RSD	.0388	1.158	16.14	3.100	.0279	.8185	.1631
#1	732.1	109.8	4.166	43.41	2246.	408.1	431.8
#2	732.5	111.6	5.239	45.36	2245.	412.8	430.8

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.152	6.152
SDev	4.429	1.698
%RSD	140.5	27.60
#1	-6.284	4.951
#2	-.0203	7.352

Method: SW846 Sample Name: 940879-2X Operator:
Run Time: 08/12/08 00:29:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	59200.	43.47	276.7	4314.	9.728	23.91	403200.
SDev	1326.	.08	4.2	104.	.253	.48	9100.
%RSD	2.239	.1933	1.522	2.400	2.604	1.995	2.257

#1	60140.	43.41	279.6	4387.	9.907	24.25	409600.
#2	58260.	43.53	273.7	4241.	9.549	23.57	396700.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	729.6	36.54	2385.	66140.	34790.	H22970.	31.76
SDev	16.4	1.14	52.	1582.	799.	479.	.41
%RSD	2.251	3.112	2.189	2.391	2.297	2.085	1.303
#1	741.3	37.34	2422.	67260.	35360.	H23310.	32.05
#2	718.0	35.73	2348.	65020.	34230.	H22630.	31.47

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8352.	25.41	5879.	5.203	4038.	-4.537	63.93
SDev	191.	.35	200.	2.116	120.	3.986	1.29
%RSD	2.284	1.396	3.409	40.67	2.973	87.85	2.014
#1	8487.	25.66	6020.	3.707	4123.	-1.719	64.84
#2	8217.	25.15	5737.	6.700	3953.	-7.356	63.02

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H18270.	243.7	9.487	54.51	2761.	5984.	5826.
SDev	412.	5.5	.665	1.30	65.	90.	255.
%RSD	2.257	2.263	7.010	2.386	2.349	1.504	4.385
#1	H18560.	247.6	9.017	55.43	2807.	6048.	6007.
#2	H17980.	239.8	9.957	53.59	2715.	5921.	5645.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.337	6.124
SDev	7.079	.361
%RSD	212.1	5.898
#1	-1.668	6.380
#2	8.343	5.869

Method: SW846 Sample Name: 940879-5X Operator:
Run Time: 08/12/08 00:35:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24240.	17.86	112.3	1789.	4.088	9.901	179200.
SDev	209.	.82	1.7	15.	.045	.027	2101.
%RSD	.8642	4.612	1.513	.8422	1.092	.2769	1.173

24953V2

#1	24090.	17.27	111.1	1778.	4.056	9.921	177700.
#2	24390.	18.44	113.5	1800.	4.119	9.882	180600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	307.6	15.44	967.7	27910.	14130.	10230.	12.71
SDev	3.1	.36	10.4	306.	133.	130.	.75
%RSD	1.010	2.336	1.077	1.096	.9420	1.269	5.893
#1	305.4	15.19	960.4	27690.	14040.	10140.	12.18
#2	309.8	15.70	975.1	28120.	14230.	10320.	13.24

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3217.	10.34	2480.	4.309	1687.	-5.894	26.95
SDev	29.	.39	39.	.799	7.	4.749	.06
%RSD	.9088	3.732	1.586	18.54	.4094	80.56	.2122
#1	3196.	10.07	2452.	4.874	1682.	-9.252	26.91
#2	3238.	10.61	2508.	3.744	1692.	-2.537	26.99

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7980.	100.4	3.933	23.29	1150.	2468.	2486.
SDev	106.	2.0	1.217	1.15	14.	77.	21.
%RSD	1.324	1.958	30.95	4.923	1.174	3.116	.8283
#1	7905.	99.00	3.072	22.48	1141.	2413.	2472.
#2	8055.	101.8	4.793	24.10	1160.	2522.	2501.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.2679	6.584
SDev	3.8570	3.124
%RSD	1440.	47.44
#1	-2.995	8.793
#2	2.459	4.375

Method: SW846 Sample Name: 940880-2X Operator:
Run Time: 08/12/08 00:40:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27730.	8.310	33.11	448.3	1.411	1.529	293500.
SDev	126.	.663	2.39	.1	.005	.163	193.
%RSD	.4534	7.983	7.227	.0298	.3348	10.64	.0659
#1	27640.	8.780	31.42	448.2	1.414	1.644	293600.
#2	27820.	7.841	34.81	448.4	1.407	1.414	293400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	161.2	15.88	311.1	22030.	14380.	347.3	38.78
SDev	.2	.35	1.0	9.	42.	.1	.20
%RSD	.1514	2.227	.3349	.0398	.2943	.0248	.5226
#1	161.0	16.13	310.3	22040.	14350.	347.3	38.63
#2	161.3	15.63	311.8	22020.	14410.	347.2	38.92

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4522.	.4659	802.6	6.023	1222.	-.0565	79.30
SDev	8.	.0023	.1	.511	32.	1.3924	1.11
%RSD	.1851	.4994	.0150	8.488	2.584	2464.	1.395
#1	4517.	.4643	802.5	6.385	1199.	-1.041	80.08
#2	4528.	.4676	802.6	5.662	1244.	.9280	78.52

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	197.4	59.17	6.341	18.68	1388.	806.5	800.6
SDev	.1	.04	.258	3.08	3.	1.4	.5
%RSD	.0593	.0697	4.073	16.48	.1804	.1748	.0653
#1	197.3	59.14	6.158	20.86	1389.	805.5	800.9
#2	197.5	59.20	6.523	16.50	1386.	807.5	800.2

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.495	7.275
SDev	2.130	1.830
%RSD	60.93	25.15
#1	1.989	8.569
#2	5.001	5.981

Method: SW846 Sample Name: 940881-2X Operator:
Run Time: 08/12/08 00:46:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	80150.	22.92	649.4	8342.	8.832	37.64	450600.
SDev	79.	.45	2.7	2.	.006	.48	981.
%RSD	.0985	1.966	.4095	.0252	.0671	1.286	.2178
#1	80090.	22.60	647.5	8343.	8.837	37.30	449900.
#2	80210.	23.24	651.2	8340.	8.828	37.98	451300.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	487.1	21.70	2276.	89820.	40880.	H25510.	47.51
SDev	1.5	.43	2.	114.	50.	96.	.10
%RSD	.3033	1.995	.0912	.1264	.1234	.3780	.2162
#1	486.1	21.39	2275.	89740.	40850.	H25450.	47.59
#2	488.2	22.00	2278.	89900.	40920.	H25580.	47.44

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6904.	23.39	4343.	4.356	4959.	-6.286	87.90
SDev	3.	.00	5.	1.552	54.	.038	.35
%RSD	.0379	.0005	.1111	35.63	1.080	.6055	.4024
#1	6906.	23.39	4340.	3.259	4997.	-6.259	87.65

#2	6902.	23.39	4347.	5.454	4921.	-6.313	88.15

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H20270.	527.2	12.29	87.57	3790.	4366.	4332.
SDev	46.	1.2	.42	.08	6.	5.	5.
%RSD	.2281	.2190	3.386	.0906	.1665	.1032	.1151
#1	H20240.	526.4	11.99	87.63	3785.	4363.	4328.
#2	H20310.	528.0	12.58	87.51	3794.	4370.	4335.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.574	4.236
SDev	5.228	.283
%RSD	114.3	6.678
#1	.8778	4.437
#2	8.271	4.036

Method: SW846 Sample Name: 940881-5X Operator:
Run Time: 08/12/08 00:52:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32410.	9.367	266.3	3441.	3.704	15.48	198400.
SDev	5.	.452	1.7	4.	.002	.04	732.
%RSD	.0155	4.824	.6540	.1114	.0612	.2357	.3687
#1	32410.	9.686	267.5	3438.	3.703	15.51	197900.
#2	32410.	9.047	265.1	3443.	3.706	15.46	198900.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	202.1	8.701	908.5	37370.	16330.	11250.	19.49
SDev	.7	.111	2.3	111.	19.	58.	.18
%RSD	.3601	1.273	.2501	.2965	.1185	.5198	.9474
#1	201.6	8.623	906.9	37290.	16320.	11210.	19.36
#2	202.6	8.780	910.1	37440.	16350.	11290.	19.62

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2575.	9.367	1797.	2.668	1985.	-3.877	35.72
SDev	3.	.019	2.	1.093	101.	.330	.18
%RSD	.1171	.2062	.1198	40.96	5.112	8.498	.4907
#1	2573.	9.380	1796.	3.441	2057.	-3.644	35.59
#2	2577.	9.353	1799.	1.895	1914.	-4.110	35.84

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8743.	216.0	4.579	34.22	1555.	1807.	1792.
SDev	44.	.6	.200	.34	5.	.	3.
%RSD	.5003	.2867	4.371	1.001	.3443	.0229	.1686
#1	8712.	216.5	4.721	33.98	1551.	1806.	1790.
#2	8774.	215.6	4.438	34.46	1558.	1807.	1795.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.120	5.547

SDev	5.986	1.350
%RSD	191.9	24.34
#1	1.113	4.593
#2	-7.353	6.502

Method: SW846 Sample Name: 940882-2X Operator:
Run Time: 08/12/08 00:58:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32740.	8.574	34.01	614.0	1.887	1.771	289700.
SDev	43.	2.276	1.03	.9	.008	.059	113.
%RSD	.1308	26.54	3.017	.1410	.4318	3.325	.0389
#1	32710.	6.965	34.74	614.6	1.881	1.729	289800.
#2	32770.	10.18	33.29	613.4	1.893	1.812	289600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	159.0	14.64	151.6	32430.	15670.	1478.	37.20
SDev	.5	.41	.7	30.	9.	2.	.03
%RSD	.3236	2.831	.4912	.0934	.0563	.1602	.0859
#1	158.7	14.94	152.1	32450.	15670.	1476.	37.18
#2	159.4	14.35	151.1	32410.	15680.	1479.	37.23

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5532.	1.274	834.7	5.026	2421.	-2.572	65.47
SDev	7.	.194	2.8	2.269	7.	.595	.01
%RSD	.1256	15.23	.3340	45.15	.3018	23.15	.0216
#1	5536.	1.411	836.7	6.631	2416.	-2.151	65.48
#2	5527.	1.137	832.8	3.421	2426.	-2.993	65.46

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	673.2	111.4	7.069	12.62	1506.	834.4	834.9
SDev	.9	.1	.535	1.07	.	3.2	2.6
%RSD	.1368	.1296	7.568	8.487	.0013	.3860	.3080
#1	673.8	111.3	7.447	11.86	1506.	836.7	836.7
#2	672.5	111.5	6.690	13.38	1506.	832.2	833.1

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.518	6.267
SDev	1.774	2.516
%RSD	70.46	40.15
#1	3.773	8.047
#2	1.264	4.488

Method: SW846 Sample Name: 940884-2X Operator:
Run Time: 08/12/08 01:04:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10610.	52.05	166.2	2945.	.2678	143.3	23700.
SDev	21.	.42	1.8	5.	.0067	.1	27.
%RSD	.2000	.8141	1.112	.1758	2.518	.0453	.1158
#1	10630.	51.75	164.9	2949.	.2726	143.3	23680.
#2	10600.	52.35	167.5	2942.	.2630	143.2	23720.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3525.	238.6	3305.	H2429000.	4760.	16230.	1663.

SDev	6.	1.0	3.	2123.	.	34.	3.
%RSD	.1732	.4064	.0851	.0874	.0046	.2099	.1537
#1	3520.	238.0	3307.	H2427000.	4760.	16200.	1661.
#2	3529.	239.3	3303.	H2430000.	4760.	16250.	1664.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1402.	-1.715	7181.	10.75	725.1	L-62.57	100.2
SDev	1.	.120	11.	2.68	42.4	3.50	.3
%RSD	.0691	6.967	.1516	24.92	5.854	5.588	.2583
#1	1403.	-1.800	7173.	12.64	695.1	L-60.10	100.4
#2	1401.	-1.631	7188.	8.852	755.1	L-65.04	100.1

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H11060.	81.77	934.2	307.7	1631.	6661.	7440.
SDev	20.	2.32	.9	2.9	1.	9.	12.
%RSD	.1830	2.832	.0949	.9583	.0703	.1285	.1620
#1	H11050.	83.41	933.5	309.8	1632.	6655.	7432.
#2	H11080.	80.13	934.8	305.6	1630.	6667.	7449.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	18.99	6.620
SDev	5.40	1.321
%RSD	28.42	19.95
#1	22.81	7.553
#2	15.17	5.686

Method: SW846 Sample Name: 940884-50X Operator:
Run Time: 08/12/08 01:10:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	407.0	2.891	6.586	116.1	.0254	4.827	1017.
SDev	.5	2.165	1.224	.0	.0748	.217	1.
%RSD	.1275	74.90	18.58	.0263	294.3	4.496	.1412
#1	406.6	1.360	5.720	116.1	-.0275	4.673	1016.
#2	407.4	4.421	7.451	116.2	.0783	4.980	1018.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

				24953V2			
Avge	146.9	9.944	126.5	105800.	189.0	716.2	71.00
SDev	.1	.164	.3	59.	7.8	1.0	.50
%RSD	.0560	1.647	.2205	.0556	4.106	.1463	.6995
#1	146.8	9.828	126.7	105800.	183.5	715.5	71.35
#2	146.9	10.06	126.3	105900.	194.4	717.0	70.65

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-269.0	-.2959	313.4	5.400	91.01	-.5343	3.722
SDev	5.3	.0678	.3	1.096	99.56	1.2871	.063
%RSD	1.961	22.91	.1059	20.29	109.4	240.9	1.705
#1	-272.8	-.2480	313.6	4.625	20.61	.3758	3.677
#2	-265.3	-.3438	313.1	6.174	161.4	-1.444	3.766

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	491.1	3.251	38.91	12.68	65.80	290.4	324.8
SDev	1.4	1.428	.02	1.84	.64	1.3	1.2
%RSD	.2820	43.93	.0633	14.52	.9694	.4596	.3584
#1	492.1	2.241	38.93	13.98	65.35	289.5	325.6
#2	490.2	4.261	38.90	11.38	66.25	291.4	324.0

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.7921	8.480
SDev	.9627	1.162
%RSD	121.5	13.70
#1	-1.473	7.659
#2	-.1114	9.302

Method: SW846 Sample Name: CCV2 Operator:
Run Time: 08/12/08 01:16:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125100.	985.1	4978.	9924.	993.0	2498.	125900.
SDev	172.	3.4	14.	12.	.3	1.	121.
%RSD	.1372	.3473	.2782	.1177	.0350	.0218	.0965
#1	125200.	987.5	4988.	9933.	992.7	2498.	125800.
#2	125000.	982.6	4968.	9916.	993.2	2498.	126000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4975.	2515.	12350.	100600.	125400.	5037.	2488.
SDev	6.	7.	10.	21.	87.	9.	.
%RSD	.1133	.2847	.0784	.0204	.0698	.1801	.0047
#1	4971.	2510.	12360.	100600.	125500.	5031.	2488.
#2	4979.	2520.	12350.	100700.	125300.	5044.	2488.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51030.	1250.	10030.	5011.	126800.	5012.	2537.
SDev	109.	1.	1.	7.	407.	5.	5.
%RSD	.2143	.0738	.0090	.1420	.3213	.0964	.1909
#1	51110.	1251.	10030.	5006.	127100.	5015.	2534.

#2	50960.	1249.	10030.	5016.	126500.	5008.	2541.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2515.	1011.	2479.	1027.	9908.	10110.	9992.
SDev	3.	2.	2.	6.	1.	25.	14.
%RSD	.1173	.1572	.0873	.5498	.0105	.2514	.1406
#1	2513.	1010.	2477.	1023.	9907.	10100.	10000.

#2	2517.	1012.	2480.	1031.	9909.	10130.	9982.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5095.	4970.
SDev	15.	3.
%RSD	.2849	.0688
#1	5084.	4967.
#2	5105.	4972.

Method: SW846 Sample Name: CCB2 Operator:
Run Time: 08/12/08 01:22:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-16.32	.9005	-.9471	-.4180	.0026	-.1207	-4.131
SDev	.57	1.492	.5545	.0407	.0136	.0724	.057
%RSD	3.518	165.7	58.55	9.746	515.4	59.99	1.376
#1	-15.92	1.956	-.5550	-.3892	.0123	-.0695	-4.091
#2	-16.73	-.1548	-1.339	-.4468	-.0070	-.1719	-4.171

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4185	-.1127	.4738	-11.98	8.923	-.1562	-.1155
SDev	.1515	.1634	.3110	4.45	.011	.0573	.8143
%RSD	36.20	145.0	65.62	37.10	.1233	36.69	704.7
#1	.3114	-.2282	.2540	-8.840	8.915	-.1967	.4602
#2	.5256	.0028	.6937	-15.13	8.931	-.1157	-.6913

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-347.0	.1168	1.163	.1663	123.7	.1700	.1401
SDev	7.7	.2387	.049	.4012	70.8	.3704	.3329
%RSD	2.219	204.5	4.179	241.3	57.25	217.9	237.7
#1	-341.6	.2856	1.129	.4499	173.8	-.0919	.3755
#2	-352.5	-.0520	1.198	-.1174	73.65	.4319	-.0953

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4777	.1923	1.919	-.5214	.1403	.2640	1.608
SDev	.7175	.1406	.456	2.3362	.1554	.5652	.355
%RSD	150.2	73.10	23.74	448.1	110.8	214.1	22.08

#1	.0296	.2917	2.241	1.131	.2502	.6636	1.357
#2	-.9850	.0929	1.596	-2.173	.0304	-.1356	1.859

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.3163	.3966
SDev	.0385	.5823
%RSD	12.16	146.8
#1	-.2891	.8083
#2	-.3435	-.0151

Method: SW846 Sample Name: 940885-2X Operator:
Run Time: 08/12/08 01:28:23
Comment:

Analysis Report 08/12/08 01:34:15 AM page 149

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44620.	148.2	16.34	7578.	.6430	454.1	197200.
SDev	66.	2.4	.38	8.	.0072	1.0	351.
%RSD	.1486	1.608	2.313	.1088	1.123	.2135	.1780
#1	44580.	149.8	16.61	7573.	.6379	453.4	197000.
#2	44670.	146.5	16.07	7584.	.6481	454.8	197500.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3406.	346.0	3270.	H481800.	25460.	4607.	656.4
SDev	8.	1.4	8.	825.	61.	18.	1.4
%RSD	.2207	.4073	.2342	.1711	.2400	.3837	.2170
#1	3401.	345.0	3264.	H481300.	25410.	4595.	655.4
#2	3411.	347.0	3275.	H482400.	25500.	4620.	657.4

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2041.	2.912	28420.	24.30	784.1	L-13.74	61.76
SDev	3.	.161	57.	3.80	57.1	.15	.10
%RSD	.1554	5.524	.2014	15.63	7.280	1.083	.1607
#1	2039.	3.025	28380.	21.62	824.5	L-13.85	61.69
#2	2043.	2.798	28460.	26.99	743.8	L-13.64	61.83

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H40450.	99.63	824.9	261.6	5539.	28540.	28360.
SDev	71.	.86	.7	5.0	14.	61.	56.
%RSD	.1753	.8675	.0866	1.907	.2505	.2125	.1958
#1	H40400.	99.02	824.4	258.0	5529.	28500.	28320.
#2	H40500.	100.2	825.4	265.1	5549.	28580.	28400.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	16.15	28.36
SDev	8.25	1.58
%RSD	51.04	5.571
#1	10.32	27.24
#2	21.98	29.48

Method: SW846 Sample Name: 940886-2X Operator:
Run Time: 08/12/08 01:34:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14440.	62.73	224.7	3786.	.3960	406.8	42830.
SDev	46.	1.42	4.1	2.	.0057	1.0	66.
%RSD	.3194	2.265	1.835	.0541	1.431	.2557	.1550
#1	14410.	63.74	227.6	3785.	.4000	406.1	42780.
#2	14470.	61.73	221.7	3788.	.3920	407.6	42870.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8389.	322.1	6180.	H2808000.	8980.	H20060.	2525.
SDev	15.	.2	11.	3801.	21.	42.	2.
%RSD	.1839	.0611	.1719	.1354	.2351	.2074	.0899
#1	8378.	322.0	6173.	H2805000.	8965.	H20030.	2524.
#2	8399.	322.3	6188.	H2811000.	8995.	H20090.	2527.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	716.7	9.698	26180.	31.50	495.4	L-81.91	134.5
SDev	.1	.016	23.	7.26	99.5	3.64	.4
%RSD	.0102	.1651	.0886	23.06	20.08	4.445	.3310
#1	716.6	9.687	26160.	26.36	565.7	L-84.49	134.8
#2	716.7	9.709	26200.	36.63	425.1	L-79.34	134.2

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H15930.	76.60	2413.	390.3	1959.	25750.	26390.
SDev	42.	1.86	5.	4.1	.	29.	20.
%RSD	.2607	2.429	.1953	1.057	.0102	.1139	.0762
#1	H15900.	75.29	2409.	393.2	1959.	25730.	26380.
#2	H15960.	77.92	2416.	387.3	1959.	25770.	26410.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	50.69	21.91

SDev	3.71	9.03
%RSD	7.328	41.23
#1	48.06	15.52
#2	53.31	28.30

Method: SW846 Sample Name: 940887-2X Operator:
Run Time: 08/12/08 01:40:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7887.	217.0	59.77	1317.	2.567	43.89	31740.
SDev	29.	2.1	2.62	3.	.032	.06	86.
%RSD	.3738	.9552	4.378	.2033	1.245	.1323	.2717

#1	7866.	218.5	57.92	1315.	2.545	43.94	31680.
#2	7907.	215.6	61.62	1319.	2.590	43.85	31800.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3462.	518.1	1703.	H909500.	6073.	4035.	291.3
SDev	11.	3.1	6.	2370.	30.	14.	.4
%RSD	.3085	.5941	.3295	.2606	.4934	.3401	.1256

#1	3454.	515.9	1699.	H907800.	6052.	4025.	291.1
#2	3469.	520.3	1707.	H911200.	6094.	4045.	291.6

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	555.2	1.456	19140.	21.96	779.1	L-13.51	43.59
SDev	4.6	.131	37.	5.47	109.7	5.74	.18

%RSD	.8235	9.022	.1957	24.89	14.08	42.49	.4091

#1	552.0	1.363	19110.	18.10	856.7	-9.453	43.47
#2	558.5	1.549	19160.	25.83	701.5	L-17.57	43.72

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7465.	84.99	458.6	307.3	487.8	19160.	19130.
SDev	22.	.89	1.2	.3	1.1	78.	17.
%RSD	.2950	1.045	.2684	.0895	.2281	.4066	.0902

#1	7449.	84.36	459.5	307.5	487.0	19100.	19110.
#2	7480.	85.61	457.8	307.1	488.6	19210.	19140.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	14.21	25.83
SDev	3.78	6.31
%RSD	26.57	24.44

#1	11.54	21.36
#2	16.88	30.29

Method: SW846 Sample Name: ICSA2 Operator:
Run Time: 08/12/08 01:46:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	483200.	-3.033	-.5983	.4168	-.0941	1.287	468500.
SDev	757.	2.759	.7451	.0870	.0181	.119	20.

%RSD	.1567	90.97	124.5	20.87	19.20	9.228	.0042

#1	483700.	-1.082	-1.125	.3553	-.1068	1.371	468500.
#2	482600.	-4.984	-.0714	.4783	-.0813	1.203	468500.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.120	-1.312	1.764	199200.	531600.	.3642	-1.682
SDev	.141	.178	.165	150.	776.	.0062	.603

24953V2

%RSD	12.60	13.53	9.352	.0752	.1461	1.708	35.87
#1	1.220	-1.187	1.647	199300.	532200.	.3598	-2.109
#2	1.020	-1.438	1.880	199100.	531100.	.3686	-1.256

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-337.6	-.3196	-.3702	.8129	75.24	-7.148	-1.242
SDev	5.8	.1954	.6469	5.016	14.37	.847	.137
%RSD	1.719	61.12	174.8	617.1	19.09	11.85	10.99
#1	-341.7	-.4578	.0873	-2.734	65.09	-6.549	-1.338
#2	-333.5	-.1815	-.8276	4.360	85.40	-7.747	-1.145

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8867	-.5740	1.795	-3.383	-12.20	2.980	-2.048
SDev	.1724	.0051	3.059	3.891	.15	1.416	.263
%RSD	19.45	.8896	170.4	115.0	1.233	47.53	12.83
#1	1.009	-.5704	3.958	-.6319	-12.10	3.982	-1.862
#2	.7648	-.5776	-.3684	-6.135	-12.31	1.978	-2.233

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.203	1.808
SDev	4.298	5.375
%RSD	357.4	297.3
#1	-4.242	-1.993
#2	1.837	5.608

Method: SW846 Sample Name: ICSAB2 Operator:
Run Time: 08/12/08 01:52:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	483000.	96.37	98.28	108.6	101.0	101.2	473000.
SDev	415.	.96	3.57	.1	.1	.4	912.
%RSD	.0860	.9954	3.631	.0969	.0978	.3658	.1928
#1	483300.	95.69	95.76	108.7	101.0	101.0	472400.
#2	482700.	97.05	100.8	108.5	101.1	101.5	473700.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	103.0	98.97	108.0	201000.	531600.	103.9	96.54
SDev	.2	.07	.5	257.	590.	.2	.01
%RSD	.1949	.0745	.4538	.1281	.1110	.1737	.0136
#1	103.1	99.02	107.7	200800.	532000.	103.8	96.55
#2	102.9	98.91	108.4	201200.	531200.	104.0	96.53

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11730.	104.5	101.1	99.88	10750.	96.29	101.3
SDev	36.	.2	.1	5.45	3.	2.47	.8
%RSD	.3074	.1451	.1382	5.455	.0245	2.561	.8311
#1	11760.	104.4	101.2	103.7	10750.	98.03	100.7
#2	11710.	104.6	101.0	96.03	10760.	94.54	101.9

24953V2

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	101.3	101.6	101.2	99.69	91.86	106.0	98.65
SDev	.5	.8	.2	.48	.04	.0	.23
%RSD	.5319	.7397	.2016	.4777	.0418	.0319	.2295
#1	101.0	102.1	101.1	100.0	91.89	105.9	98.81
#2	101.7	101.1	101.4	99.36	91.83	106.0	98.49

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	88.89	105.4
SDev	4.37	6.0
%RSD	4.912	5.684
#1	91.98	109.6

#2	85.80	101.1

Method: SW846 Sample Name: CCV4 Operator:
Run Time: 08/12/08 01:58:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125000.	977.8	4991.	9905.	996.8	2513.	126700.
SDev	110.	3.1	10.	5.	.9	4.	28.
%RSD	.0878	.3196	.1916	.0534	.0907	.1649	.0222
#1	124900.	980.0	4998.	9909.	997.5	2516.	126700.
#2	125100.	975.5	4984.	9901.	996.2	2510.	126700.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5016.	2539.	12340.	101200.	125400.	5092.	2497.
SDev	4.	1.	12.	10.	70.	5.	2.
%RSD	.0756	.0341	.0999	.0098	.0560	.0947	.0663
#1	5013.	2538.	12330.	101200.	125400.	5089.	2498.
#2	5019.	2540.	12350.	101200.	125400.	5096.	2496.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50680.	1251.	10080.	5001.	125900.	5027.	2558.
SDev	13.	.	4.	7.	105.	10.	3.
%RSD	.0248	.0361	.0422	.1364	.0835	.1901	.1159
#1	50690.	1251.	10090.	5006.	125800.	5021.	2556.
#2	50670.	1250.	10080.	4996.	126000.	5034.	2560.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2534.	1017.	2481.	1047.	9940.	10190.	10030.
SDev	1.	1.	1.	3.	2.	5.	4.
%RSD	.0356	.0722	.0214	.3129	.0216	.0480	.0392
#1	2535.	1017.	2482.	1045.	9938.	10190.	10030.
#2	2533.	1018.	2481.	1049.	9941.	10180.	10030.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5123.	4940.
SDev	8.	6.
%RSD	.1572	.1256
#1	5128.	4945.
#2	5117.	4936.

Method: SW846 Sample Name: CCB4 Operator:
Run Time: 08/12/08 02:04:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-24.93	.6233	-3.969	-.3892	.0142	-.0200	-2.925
SDev	2.67	.7746	1.332	.0000	.0222	.2852	.010
%RSD	10.69	124.3	33.56	.0000	156.3	1427.	.3518
#1	-23.04	1.171	-3.027	-.3892	.0299	-.2216	-2.918
#2	-26.81	.0756	-4.911	-.3892	-.0015	.1817	-2.932

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5392	-.1873	.1338	-8.277	3.935	-.1162	-.0838
SDev	.0215	.1616	.1565	6.638	7.112	.0001	.2845
%RSD	3.988	86.29	117.0	80.20	180.7	.0981	339.4
#1	.5240	-.0730	.2444	-3.583	8.964	-.1163	.1174
#2	.5544	-.3016	.0231	-12.97	-1.094	-.1161	-.2850

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-331.9	.1183	1.045	2.137	52.40	3.337	.1297
SDev	.3	.0008	.760	.087	.02	1.699	.1399
%RSD	.1045	.6828	72.72	4.088	.0441	50.93	107.9
#1	-332.1	.1178	1.582	2.076	52.42	4.539	.0308
#2	-331.6	.1189	.5075	2.199	52.39	2.135	.2287

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0005	-.5428	1.205	.8562	.0972	1.452	.8367
SDev	.1142	.0682	.129	.0555	.1549	1.940	.1703
%RSD	21290.	12.56	10.72	6.483	159.4	133.6	20.35
#1	-.0802	-.4946	1.114	.8955	.2067	2.824	.9571
#2	.0813	-.5911	1.296	.8170	-.0123	.0802	.7163

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.0296	3.209
SDev	.2706	.004
%RSD	914.9	.1282
#1	-.2209	3.212
#2	.1618	3.206

Method: SW846 Sample Name: HSA Operator:

Run Time: 08/12/08 02:09:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	251300.	1995.	9935.	19590.	1982.	4917.	246100.
SDev	117.	1.	19.	11.	.	5.	153.
%RSD	.0464	.0447	.1945	.0566	.0190	.1012	.0622
#1	251400.	1996.	9949.	19600.	1982.	4921.	246200.
#2	251200.	1994.	9921.	19580.	1982.	4914.	245900.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10100.	5052.	25570.	200200.	259000.	10060.	4946.
SDev	3.	3.	2.	46.	139.	11.	5.
%RSD	.0322	.0603	.0083	.0229	.0538	.1117	.1018
#1	10090.	5050.	25570.	200300.	259100.	10050.	4950.
#2	10100.	5054.	25580.	200200.	258900.	10070.	4943.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99320.	2579.	19970.	9955.	248900.	9979.	5176.
SDev	219.	1.	27.	18.	498.	3.	9.
%RSD	.2200	.0501	.1330	.1826	.2003	.0301	.1802
#1	99480.	2578.	19990.	9968.	249200.	9981.	5170.
#2	99170.	2580.	19950.	9942.	248500.	9977.	5183.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4976.	2014.	5026.	H2112.	19970.	20180.	19860.
SDev	5.	1.	.	5.	8.	12.	46.
%RSD	.1047	.0356	.0005	.2357	.0378	.0617	.2317
#1	4980.	2014.	5026.	H2108.	19960.	20170.	19900.
#2	4972.	2013.	5026.	H2115.	19970.	20190.	19830.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	10210.	9829.
SDev	7.	31.
%RSD	.0723	.3147
#1	10200.	9851.
#2	10210.	9807.

Method: SW846 Sample Name: ICV/CCV1 Operator:
Run Time: 08/12/08 02:15:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126100.	984.7	4974.	9984.	992.1	2496.	126000.
SDev	173.	1.1	5.	5.	2.1	7.	294.
%RSD	.1373	.1077	.1075	.0534	.2148	.2691	.2334
#1	126300.	985.5	4970.	9988.	990.6	2491.	125800.
#2	126000.	984.0	4978.	9981.	993.6	2501.	126200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5003.	2531.	12470.	100900.	126200.	5086.	2490.
SDev	15.	5.	10.	201.	85.	16.	3.
%RSD	.3089	.2143	.0777	.1991	.0677	.3095	.1201
#1	4992.	2527.	12480.	100700.	126300.	5075.	2488.
#2	5014.	2535.	12460.	101000.	126200.	5097.	2492.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51410.	1257.	10050.	5007.	127200.	5020.	2567.
SDev	148.	1.	13.	2.	367.	7.	7.
%RSD	.2877	.1119	.1339	.0380	.2885	.1371	.2786
#1	51520.	1256.	10040.	5008.	127500.	5025.	2562.
#2	51310.	1258.	10060.	5005.	126900.	5016.	2572.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	2512.	1020.	2486.	1043.	9990.	10160.	9994.
SDev	11.	3.	5.	9.	16.	16.	12.
%RSD	.4448	.2658	.2108	.8284	.1650	.1614	.1199
#1	2504.	1022.	2482.	1037.	9978.	10150.	9986.
#2	2520.	1018.	2489.	1049.	10000.	10180.	10000.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5134.	4943.
SDev	15.	10.
%RSD	.2874	.2067
#1	5123.	4951.
#2	5144.	4936.

Method: SW846 Sample Name: ICB/CCB1 Operator:
Run Time: 08/12/08 02:21:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-21.07	.0041	.0532	-.3314	.0431	-.0309	-3.457
SDev	4.10	.3584	.3800	.0000	.0077	.0216	.583
%RSD	19.46	8832.	714.4	.0010	17.85	69.85	16.86
#1	-18.17	.2575	-.2155	-.3314	.0486	-.0462	-3.869
#2	-23.97	-.2494	.3219	-.3314	.0377	-.0157	-3.045

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3130	.3078	.5962	-15.23	1.274	-.1960	.1121

SDev	.3055	.4364	.1574	8.89	8.357	.1152	.2177
%RSD	97.62	141.8	26.41	58.39	656.1	58.78	194.2
#1	.0969	-.0008	.4848	-21.52	-4.635	-.2775	.2660
#2	.5290	.6164	.7075	-8.941	7.183	-.1145	-.0418

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-341.1	.2211	-.6456	1.981	72.77	3.583	.1154
SDev	8.4	.4215	1.4913	1.862	28.43	.045	.0376
%RSD	2.470	190.6	231.0	94.02	39.06	1.247	32.54
#1	-347.1	-.0769	-1.700	.6638	52.67	3.614	.1420
#2	-335.2	.5191	.4090	3.297	92.87	3.551	.0889

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7421	.5488	2.254	.5008	.3382	-1.565	-.1910
SDev	.0491	.8881	.476	2.009	.0622	.767	1.8531
%RSD	6.617	161.8	21.12	401.2	18.40	48.99	970.2
#1	-.7768	-.0791	1.918	-.9200	.2942	-2.107	-1.501
#2	-.7073	1.177	2.591	1.922	.3823	-1.023	1.119

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.483	2.218
SDev	2.270	3.925
%RSD	153.1	176.9
#1	3.088	-.5572
#2	-.1220	4.994

Method: SW846 Sample Name: ICSA1 Operator:
Run Time: 08/12/08 02:27:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	485700.	-2.236	-4.707	.3901	-.1286	1.392	472700.
SDev	917.	2.692	2.485	.0441	.0165	.026	644.
%RSD	.1888	120.4	52.79	11.30	12.80	1.863	.1363
#1	485000.	-4.140	-2.950	.3589	-.1402	1.373	472200.
#2	486300.	-.3328	-6.464	.4212	-.1170	1.410	473100.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.199	-.4568	2.625	200700.	533900.	.4246	-1.819
SDev	.003	.1185	.000	290.	1258.	.0890	.039
%RSD	.2711	25.94	.0061	.1446	.2357	20.95	2.129
#1	1.197	-.5406	2.625	200500.	533000.	.4875	-1.847
#2	1.201	-.3730	2.625	200900.	534800.	.3617	-1.792

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-315.3	-.2846	-2.038	-1.566	30.63	.5109	-1.275
SDev	2.1	.0959	2.340	1.648	19.67	7.182	.197
%RSD	.6649	33.69	114.8	105.2	64.23	1406.	15.44
#1	-313.8	-.3523	-3.693	-2.731	16.72	-4.568	-1.415
#2	-316.8	-.2168	-.3829	-.4007	44.54	5.589	-1.136

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.155	.5386	-1.011	3.002	-11.90	.0396	-3.080
SDev	.070	.6623	.649	2.014	.09	4.746	1.139
%RSD	2.215	123.0	64.19	67.07	.7656	12000.	36.98

#1	3.105	1.007	-1.469	4.426	-11.84	-3.317	-3.885
#2	3.204	.0703	-.5520	1.578	-11.97	3.396	-2.274

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.608	.9405
SDev	10.195	2.620
%RSD	154.3	278.6

#1	-13.82	2.793
#2	.6006	-.9120

Method: SW846 Sample Name: ICSAB1 Operator:
Run Time: 08/12/08 02:33:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	483800.	95.87	103.2	108.5	100.5	100.8	470600.
SDev	267.	3.62	5.0	.2	.1	.3	40.
%RSD	.0552	3.773	4.865	.1758	.1331	.2785	.0086
#1	483600.	98.42	106.8	108.7	100.6	100.6	470600.
#2	484000.	93.31	99.68	108.4	100.4	101.0	470700.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	102.0	98.88	108.9	199800.	532200.	103.9	95.72
SDev	.0	.27	.2	107.	255.	.2	.86
%RSD	.0479	.2703	.2136	.0537	.0480	.1698	.8969
#1	102.1	99.07	108.8	199800.	532000.	104.1	95.11
#2	102.0	98.70	109.1	199700.	532300.	103.8	96.32

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11750.	104.3	97.85	100.6	10800.	94.30	101.6
SDev	5.	.0	1.00	2.3	17.	7.55	.3
%RSD	.0465	.0021	1.022	2.293	.1610	8.003	.2585
#1	11760.	104.3	98.56	102.2	10780.	88.96	101.7
#2	11750.	104.3	97.14	98.94	10810.	99.64	101.4

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	100.4	102.3	101.0	100.9	91.89	102.4	95.59
SDev	.0	.2	1.0	.6	.17	.2	1.57
%RSD	.0173	.1697	1.037	.6019	.1823	.1468	1.647
#1	100.4	102.4	100.2	101.3	91.77	102.3	96.70

#2	100.4	102.2	101.7	100.4	92.01	102.5	94.47

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	95.52	103.1
SDev	9.01	1.0
%RSD	9.435	1.011
#1	101.9	102.3

#2	89.15	103.8

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 08/12/08 02:39:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-33.51	11.74	-2.261	19450.	-3.295	-.7824	45.26
SDev	11.04	1.39	1.229	42.	.396	.1497	.58
%RSD	32.95	11.81	54.36	.2173	12.02	19.13	1.287
#1	-25.70	10.76	-1.392	19480.	-3.015	-.8883	45.67
#2	-41.31	12.72	-3.130	19430.	-3.575	-.6766	44.85

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20570.	20720.	-.8491	-71.47	27.45	19540.	2.026
SDev	7.	9.	.0038	6.92	.01	6.	.668
%RSD	.0340	.0411	.4517	9.689	.0455	.0326	32.99
#1	20580.	20730.	-.8464	-76.37	27.46	19540.	2.498
#2	20570.	20710.	-.8518	-66.57	27.44	19540.	1.553

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-303.8	-1.642	4.197	-4.748	155.9	-2.385	20540.
SDev	.4	.061	1.659	1.666	59.9	.363	21.
%RSD	.1228	3.732	39.54	35.09	38.44	15.23	.1004
#1	-303.6	-1.685	3.024	-5.926	113.5	-2.128	20530.
#2	-304.1	-1.599	5.371	-3.570	198.3	-2.642	20560.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5539.	9790.	9664.	17.42	19480.	16.79	-2.094
SDev	1.	16.	7.	.37	22.	2.86	1.058
%RSD	.0110	.1588	.0728	2.120	.1109	17.06	50.55
#1	5540.	9801.	9669.	17.16	19490.	14.76	-2.842
#2	5539.	9779.	9659.	17.68	19460.	18.81	-1.345

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	-2.724	-5.769
SDev	1.312	1.842
%RSD	48.18	31.94
#1	-3.652	-7.072
#2	-1.796	-4.466

Method: SW846 Sample Name: MCL Operator:
Run Time: 08/12/08 02:45:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	177.8	8.914	8.560	10.29	10.50	10.74	2166.
SDev	.7	.789	1.212	.01	.02	.17	1.

24953V2

%RSD	.4057	8.851	14.16	.1154	.2344	1.549	.0283
#1	178.3	9.472	9.417	10.30	10.52	10.62	2166.
#2	177.3	8.356	7.703	10.28	10.48	10.86	2166.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.72	10.56	10.46	149.5	1968.	10.71	10.25
SDev	.21	.53	.01	3.2	10.	.04	.21
%RSD	1.785	5.034	.1367	2.123	.5258	.4201	2.031
#1	11.87	10.18	10.47	151.7	1960.	10.68	10.10
#2	11.57	10.93	10.45	147.3	1975.	10.74	10.40

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5377.	9.975	10.72	12.45	5261.	9.272	10.95
SDev	4.	.071	.16	1.04	4.	.590	.18
%RSD	.0759	.7142	1.479	8.368	.0823	6.360	1.644
#1	5374.	10.03	10.84	13.19	5265.	8.855	11.08
#2	5380.	9.925	10.61	11.72	5258.	9.689	10.82

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.50	54.19	116.8	104.5	113.1	11.39	10.39
SDev	.18	1.09	1.0	1.5	.2	.30	.39
%RSD	1.159	2.010	.8755	1.444	.1661	2.663	3.747
#1	15.63	54.96	117.5	105.6	113.2	11.17	10.66
#2	15.37	53.42	116.1	103.5	112.9	11.60	10.11

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	10.28	13.53
SDev	1.12	1.00

%RSD	10.92	7.407
#1	11.08	14.24
#2	9.488	12.82

Method: SW846 Sample Name: MCL-2 Operator:
Run Time: 08/12/08 02:51:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	85.77	5.005	3.793	4.886	5.225	5.516	1115.
SDev	2.93	.037	.443	.049	.005	.131	1.
%RSD	3.421	.7449	11.69	.9983	.0905	2.382	.1231
#1	87.85	5.032	3.479	4.920	5.228	5.609	1116.
#2	83.70	4.979	4.106	4.852	5.221	5.423	1114.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.352	5.347	6.567	79.65	1003.	5.431	6.665
SDev	.293	.116	.170	7.52	3.	.049	.168
%RSD	4.605	2.173	2.593	9.447	.3264	.8969	2.519

#1	6.559	5.429	6.687	84.97	1005.	5.396	6.547
#2	6.145	5.265	6.446	74.33	1000.	5.465	6.784

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2686.	4.933	5.094	6.672	2744.	5.572	5.541
SDev	6.	.463	.357	2.029	84.	.417	.259
%RSD	.2403	9.392	7.005	30.41	3.067	7.480	4.672
#1	2690.	5.261	4.842	5.238	2804.	5.867	5.358
#2	2681.	4.606	5.346	8.107	2685.	5.277	5.724

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.84	27.02	56.94	53.44	56.03	5.806	4.734
SDev	.07	.39	.39	.37	.04	.447	.312
%RSD	.5604	1.437	.6763	.7005	.0715	7.701	6.585
#1	12.89	27.30	57.21	53.17	56.00	5.490	4.514
#2	12.79	26.75	56.66	53.70	56.06	6.123	4.954

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.477	8.756
SDev	.509	2.788
%RSD	20.53	31.84

#1	2.117	6.785
#2	2.836	10.73

Method: SW846 Sample Name: PBW080608-944V1 Operator:
Run Time: 08/12/08 02:57:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-25.91	-.9756	1.372	-.3892	.0259	-.0471	5.258
SDev	1.13	1.9301	.176	.0000	.0118	.0629	.254
%RSD	4.343	197.8	12.82	.0000	45.67	133.5	4.831
#1	-26.70	.3892	1.496	-.3892	.0175	-.0026	5.079
#2	-25.11	-2.340	1.248	-.3892	.0343	-.0916	5.438

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6306	-.1879	1.015	-3.046	5.199	-.1569	-.2268
SDev	.0630	.2735	.164	.748	3.001	.0567	.0511
%RSD	9.992	145.6	16.13	24.57	57.73	36.16	22.55
#1	.5860	-.3813	1.131	-2.516	3.076	-.1970	-.1906
#2	.6751	.0055	.8996	-3.575	7.321	-.1168	-.2629

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-357.5	-.4080	1.029	2.767	30.64	-.9207	.0202
SDev	7.2	.2067	.238	1.184	105.0	1.8549	.2945
%RSD	2.023	50.67	23.10	42.78	342.7	201.5	1458.
#1	-352.3	-.2618	.8608	1.930	104.9	-2.232	.2285

#2	-362.6	-.5542	1.197	3.604	-43.60	.3909	-.1881

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8041	-1.649	.3301	.9279	-.1219	2.045	.5168
SDev	.1832	.942	.6456	.0288	.0299	3.079	1.893
%RSD	22.79	57.13	195.6	3.099	24.57	150.5	366.3
#1	.6746	-2.316	-.1264	.9076	-.1007	4.222	-.8220
#2	.9337	-.9832	.7866	.9483	-.1430	-.1318	1.856

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.1732	4.052
SDev	1.782	2.664
%RSD	1029.	65.77
#1	1.433	2.167
#2	-1.087	5.936

Method: SW846 Sample Name: LCSW Operator:
Run Time: 08/12/08 03:03:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2043.	492.6	2021.	2035.	52.02	53.11	21080.
SDev	1.	.5	2.	3.	.03	.01	26.
%RSD	.0269	.0958	.1138	.1715	.0518	.0183	.1219
#1	2043.	492.2	2019.	2032.	52.00	53.11	21060.

#2	2044.	492.9	2022.	2037.	52.04	53.12	21100.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	211.0	526.3	253.3	1064.	20020.	539.3	516.2
SDev	.1	.4	.5	2.	42.	1.3	.4
%RSD	.0697	.0695	.2098	.1805	.2121	.2436	.0850
#1	210.9	526.0	253.7	1063.	19990.	538.3	515.9
#2	211.1	526.5	252.9	1066.	20050.	540.2	516.5

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21430.	49.68	524.3	2059.	20760.	2116.	544.9
SDev	6.	.34	1.3	1.	43.	7.	1.5
%RSD	.0264	.6938	.2560	.0397	.2049	.3228	.2781
#1	21430.	49.43	525.2	2059.	20790.	2120.	543.9
#2	21440.	49.92	523.3	2058.	20730.	2111.	546.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	520.8	497.9	513.6	531.3	521.8	530.4	521.2
SDev	1.3	.9	1.0	5.1	.5	1.9	1.1
%RSD	.2410	.1822	.1942	.9638	.0960	.3583	.2040
#1	519.9	497.2	512.9	527.7	521.4	531.7	522.0

#2	521.7	498.5	514.3	535.0	522.2	529.0	520.5

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2135.	2021.
SDev	3.	3.
%RSD	.1512	.1404
#1	2133.	2023.
#2	2137.	2019.

Method: SW846 Sample Name: 940032D Operator:
Run Time: 08/12/08 03:09:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	79.52	-.3483	12.21	572.3	.0236	-.0053	46210.
SDev	.62	.1674	2.18	1.7	.0055	.2281	84.
%RSD	.7795	48.05	17.85	.3023	23.40	4332.	.1819
#1	79.96	-.4667	13.75	573.5	.0197	.1560	46270.
#2	79.08	-.2300	10.67	571.1	.0275	-.1665	46150.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9472	4.052	2.323	72670.	38170.	1169.	.7019
SDev	.0193	.230	.013	170.	65.	1.	.1515
%RSD	2.034	5.664	.5560	.2337	.1700	.0984	21.59
#1	.9336	4.214	2.332	72790.	38220.	1170.	.8090
#2	.9608	3.890	2.314	72550.	38120.	1168.	.5947

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5864.	.2640	14.04	3.247	208700.	-2.542	-.2913
SDev	7.	.1046	.13	1.967	42.	2.270	.1675
%RSD	.1225	39.62	.9092	60.57	.0199	89.28	57.49
#1	5869.	.1901	14.13	1.856	208700.	-.9373	-.4097
#2	5859.	.3380	13.95	4.637	208700.	-4.147	-.1729

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.085	39.58	1.471	1.920	.8424	-2.083	22.08
SDev	.364	.02	.117	.736	.0969	.639	.51
%RSD	7.152	.0469	7.925	38.31	11.50	30.66	2.311
#1	4.828	39.57	1.553	2.440	.9109	-2.535	22.44
#2	5.342	39.59	1.388	1.400	.7739	-1.631	21.72

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.129	2.796
SDev	.726	3.311
%RSD	17.59	118.4
#1	4.642	.4544
#2	3.615	5.137

Method: SW846 Sample Name: 940032 Operator:
Run Time: 08/12/08 03:15:20
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	89.95	-.4207	14.97	587.1	-.0166	-.0750	47650.
SDev	3.62	.4582	1.14	2.5	.0037	.1826	262.
%RSD	4.027	108.9	7.589	.4208	22.01	243.5	.5504
#1	92.51	-.0967	14.16	588.9	-.0140	.0541	47840.
#2	87.39	-.7447	15.77	585.4	-.0192	-.2042	47470.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8634	3.999	3.611	74740.	39250.	1204.	1.013
SDev	.1837	.354	1.732	349.	143.	4.	.404
%RSD	21.27	8.843	47.98	.4671	.3647	.3397	39.82
#1	.9933	4.249	2.386	74980.	39350.	1207.	.7280
#2	.7335	3.749	4.836	74490.	39150.	1201.	1.299

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6021.	.4078	14.65	4.768	213600.	-3.081	-.4756
SDev	34.	.4684	.34	.422	831.	1.545	.1476
%RSD	.5683	114.9	2.299	8.855	.3893	50.13	31.04
#1	6045.	.7390	14.41	5.066	214200.	-1.989	-.3712
#2	5997.	.0766	14.89	4.469	213000.	-4.173	-.5800

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	5.016	39.61	.9894	.7752	1.036	-.4796	22.20
SDev	.173	.12	.2854	3.037	.069	3.3010	2.15
%RSD	3.451	.2969	28.84	391.8	6.684	688.3	9.699
#1	5.138	39.69	1.191	-1.372	1.085	1.855	20.67
#2	4.894	39.52	.7876	2.923	.9870	-2.814	23.72

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.346	6.465
SDev	2.368	1.815
%RSD	175.9	28.07
#1	-.3278	7.748
#2	3.020	5.181

Method: SW846 Sample Name: 940032L Operator:
Run Time: 08/12/08 03:21:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.451	-1.353	-.7132	115.8	.0215	.0930	9556.
SDev	1.977	.259	1.6790	.2	.0037	.2414	20.
%RSD	57.29	19.15	235.4	.1993	17.26	259.6	.2139
#1	-2.053	-1.169	-1.900	116.0	.0241	.2637	9571.
#2	-4.848	-1.536	.4740	115.6	.0189	-.0777	9542.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4060	.8393	.2917	15000.	7696.	241.0	.1039
SDev	.1115	.1644	.0054	31.	11.	.0	.4669
%RSD	27.46	19.59	1.836	.2037	.1431	.0189	449.3
#1	.4848	.7231	.2955	15020.	7703.	241.0	.4341
#2	.3272	.9556	.2879	14980.	7688.	241.0	-.2263

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	950.2	-.0036	3.453	-.1895	44300.	-2.385	.0218
SDev	6.8	.0561	.672	1.3787	64.	.642	.0398
%RSD	.7115	1579.	19.46	727.7	.1442	26.92	182.7
#1	955.0	.0361	2.978	-1.164	44350.	-1.931	.0500
#2	945.4	-.0432	3.928	.7854	44260.	-2.839	-.0064

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4660	8.047	.7499	1.733	-.0764	-.7535	5.548
SDev	.6442	1.425	.5212	1.159	.0009	1.2354	.391
%RSD	138.2	17.70	69.51	66.84	1.122	163.9	7.041
#1	.0105	7.040	1.118	.9142	-.0770	-1.627	5.272
#2	.9216	9.054	.3813	2.553	-.0758	.1200	5.824

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.299	.8530
SDev	.614	2.374
%RSD	26.71	278.3
#1	-1.865	-.8253
#2	-2.733	2.531

Method: SW846 Sample Name: CCV2 Operator:
Run Time: 08/12/08 03:27:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126100.	966.5	4936.	9936.	988.0	2489.	125500.
SDev	70.	3.6	4.	3.	.0	1.	62.
%RSD	.0555	.3698	.0847	.0282	.0018	.0513	.0493
#1	126000.	969.1	4939.	9938.	988.0	2488.	125500.
#2	126100.	964.0	4933.	9934.	988.0	2490.	125600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5018.	2538.	12470.	100200.	126100.	5122.	2481.
SDev	6.	.	13.	10.	108.	8.	.
%RSD	.1130	.0180	.1063	.0097	.0859	.1633	.0148
#1	5014.	2538.	12460.	100200.	126000.	5116.	2481.
#2	5022.	2538.	12480.	100200.	126200.	5128.	2481.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

24953V2

Avge	50960.	1253.	10030.	4960.	126700.	5016.	2600.
SDev	8.	2.	26.	11.	104.	13.	6.
%RSD	.0165	.1227	.2640	.2266	.0820	.2528	.2129
#1	50950.	1252.	10010.	4952.	126800.	5007.	2596.
#2	50960.	1254.	10050.	4968.	126600.	5025.	2604.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2505.	1018.	2472.	1052.	9982.	10190.	9944.
SDev	2.	1.	.	3.	6.	10.	35.
%RSD	.0750	.1201	.0187	.2915	.0626	.0953	.3503
#1	2504.	1017.	2472.	1050.	9978.	10190.	9920.
#2	2506.	1019.	2472.	1054.	9987.	10200.	9969.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5140.	4870.
SDev	2.	18.
%RSD	.0348	.3643
#1	5141.	4858.
#2	5139.	4883.

Method: SW846 Sample Name: CCB2 Operator:
Run Time: 08/12/08 03:33:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-27.49	-.5108	.6469	-.4183	.0242	.1602	-1.721
SDev	4.70	.3626	2.180	.0411	.0092	.0386	.346
%RSD	17.11	71.00	337.0	9.829	38.12	24.10	20.09
#1	-24.16	-.7672	-.8946	-.4474	.0176	.1875	-1.476
#2	-30.82	-.2543	2.188	-.3892	.0307	.1329	-1.965

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0676	.2663	.9440	-5.787	3.725	-.1134	.0985
SDev	.1316	.0536	.3184	1.502	7.208	.0003	.8911
%RSD	194.8	20.13	33.73	25.96	193.5	.2993	905.0
#1	.1606	.3042	1.169	-6.849	-1.373	-.1132	-.5316
#2	-.0255	.2284	.7189	-4.725	8.822	-.1137	.7285

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-335.0	.0245	1.129	1.115	200.9	2.648	.5266
SDev	6.4	.1381	.430	.846	54.3	.051	.2052
%RSD	1.905	564.2	38.05	75.89	27.03	1.943	38.96
#1	-339.5	-.0732	1.433	1.713	162.5	2.612	.3815
#2	-330.5	.1221	.8254	.5166	239.3	2.685	.6717

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5800	.8619	1.318	.8131	.1164	1.674	.8529
SDev	.1215	.3469	.403	.0256	.1881	.380	.8338
%RSD	20.94	40.25	30.54	3.146	161.7	22.70	97.77
#1	-.4941	1.107	1.033	.8312	.2494	1.405	1.443

#2	-.6659	.6166	1.603	.7950	-.0166	1.942	.2633

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.6831	1.320
SDev	2.645	.052
%RSD	387.2	3.938
#1	2.553	1.283
#2	-1.187	1.356

Method: SW846 Sample Name: 940032MS Operator:
Run Time: 08/12/08 03:39:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2214.	493.9	2049.	2624.	51.78	52.79	67520.
SDev	.	1.0	5.	1.	.02	.01	24.
%RSD	.0067	.2075	.2567	.0371	.0322	.0225	.0355
#1	2214.	493.1	2046.	2624.	51.79	52.78	67510.
#2	2214.	494.6	2053.	2623.	51.77	52.80	67540.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	209.8	530.3	259.9	74270.	59590.	1721.	513.0
SDev	.2	1.2	.5	17.	41.	3.	.2
%RSD	.1041	.2266	.1802	.0229	.0680	.1867	.0405
#1	209.6	529.5	259.5	74260.	59560.	1719.	512.8
#2	209.9	531.2	260.2	74280.	59620.	1724.	513.1

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28300.	51.04	535.8	2078.	230500.	2100.	547.1
SDev	12.	.23	.2	1.	104.	11.	.8
%RSD	.0441	.4573	.0341	.0470	.0451	.5129	.1414
#1	28290.	51.21	535.6	2077.	230400.	2092.	546.5
#2	28310.	50.88	535.9	2079.	230600.	2108.	547.6

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	517.1	548.3	513.3	541.8	525.0	528.9	539.2
SDev	.3	1.8	1.8	.3	.3	2.3	.9
%RSD	.0635	.3269	.3546	.0502	.0552	.4356	.1626
#1	516.9	547.1	514.6	541.6	524.8	527.3	539.8
#2	517.4	549.6	512.0	542.0	525.2	530.5	538.6

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2161.	2037.
SDev	.	2.
%RSD	.0142	.0794

#1	2161.	2035.
#2	2161.	2038.

Method: SW846 Sample Name: 940032A Operator:
Run Time: 08/12/08 03:45:01
Comment:

Analysis Report 08/12/08 03:50:54 AM page 201

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2159.	479.6	2012.	2589.	50.71	52.16	66190.
SDev	9.	.6	2.	7.	.12	.20	57.
%RSD	.4298	.1202	.1170	.2627	.2426	.3818	.0864
#1	2166.	479.2	2014.	2594.	50.80	52.02	66230.
#2	2153.	480.0	2011.	2585.	50.63	52.30	66150.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.9	524.5	258.1	72590.	58690.	1696.	504.9
SDev	.1	.2	.1	111.	125.	2.	.7
%RSD	.0556	.0423	.0551	.1531	.2131	.0892	.1337
#1	206.9	524.6	258.0	72670.	58770.	1695.	504.5
#2	207.0	524.3	258.2	72520.	58600.	1697.	505.4

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28000.	50.85	525.0	2028.	226200.	2082.	538.8
SDev	133.	.18	2.9	16.	1589.	4.	.2
%RSD	.4763	.3624	.5549	.8074	.7026	.2145	.0454
#1	28100.	50.72	527.0	2040.	227300.	2085.	538.9
#2	27910.	50.98	522.9	2017.	225100.	2079.	538.6

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.7	541.5	506.7	532.5	518.1	517.7	528.6
SDev	.7	.2	1.0	.5	.2	.6	4.1
%RSD	.1306	.0380	.1884	.0936	.0373	.1181	.7685
#1	509.3	541.7	506.1	532.9	518.3	518.1	531.5
#2	510.2	541.4	507.4	532.2	518.0	517.3	525.7

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2125.	1980.
SDev	6.	21.
%RSD	.2922	1.083
#1	2129.	1995.
#2	2120.	1965.

Method: SW846 Sample Name: 940028 Operator:
Run Time: 08/12/08 03:50:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	339.9	-1.022	-.8063	298.4	-.0647	-.0717	16090.

SDev	7.6	1.323	.5994	3.3	.0037	.0372	225.
%RSD	2.243	129.4	74.34	1.112	5.667	51.84	1.396
#1	334.5	-.0870	-1.230	296.1	-.0673	-.0454	15930.
#2	345.3	-1.958	-.3825	300.8	-.0621	-.0980	16250.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.055	3.027	.1514	2087.	13030.	358.7	2.920
SDev	.423	.197	.4486	32.	185.	5.1	.569
%RSD	13.85	6.501	296.3	1.525	1.421	1.418	19.50
#1	2.756	3.166	.4686	2065.	12890.	355.2	3.322
#2	3.355	2.888	-.1658	2110.	13160.	362.3	2.517

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2729.	.6780	1.931	2.827	78800.	-2.553	.6895
SDev	42.	.0681	.063	2.331	615.	.017	.1404
%RSD	1.549	10.04	3.284	82.43	.7801	.6649	20.37
#1	2699.	.7261	1.886	1.179	78370.	-2.566	.5902
#2	2759.	.6298	1.976	4.475	79240.	-2.541	.7888

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.231	117.8	1.197	1.423	6.722	1.453	2.165
SDev	.841	1.0	.533	.173	.119	.383	.096
%RSD	10.21	.8403	44.52	12.19	1.776	26.35	4.440
#1	7.637	117.1	.8203	1.300	6.637	1.182	2.233
#2	8.826	118.5	1.574	1.545	6.806	1.724	2.097

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.821	3.319

SDev	3.792	1.601
%RSD	208.2	48.23
#1	-.8604	2.187
#2	4.503	4.451

Method: SW846 Sample Name: 940029 Operator:
Run Time: 08/12/08 03:56:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	343.9	-1.792	1.311	393.3	.0177	-.0764	51770.
SDev	40.7	1.352	.732	27.2	.1181	.0917	3493.
%RSD	11.84	75.43	55.85	6.921	667.3	120.0	6.746
#1	315.1	-.8362	1.828	374.0	.1012	-.0115	49300.
#2	372.7	-2.748	.7930	412.5	-.0658	-.1413	54240.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.083	18.74	3.106	65810.	34450.	1897.	.0399
SDev	.049	1.09	1.098	4472.	2463.	129.	.0475
%RSD	4.546	5.798	35.35	6.795	7.148	6.805	119.0

#1	1.118	17.97	3.882	62650.	32710.	1806.	.0736
#2	1.048	19.50	2.330	68980.	36190.	1988.	.0063

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3067.	.3909	12.42	1.899	73570.	-1.355	-.1904
SDev	266.	.4471	.85	.038	4697.	2.066	.0350

Analysis Report 08/12/08 04:02:48 AM page 206

%RSD	8.666	114.4	6.816	2.023	6.385	152.5	18.36
#1	2879.	.7070	11.82	1.872	70250.	.1060	-.2151
#2	3255.	.0747	13.02	1.926	76890.	-2.815	-.1657

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6498	367.4	1.255	.5617	4.867	-2.885	20.06
SDev	.3791	26.1	.460	1.122	.097	2.365	2.45
%RSD	58.35	7.109	36.67	199.8	1.988	81.96	12.21
#1	-.3817	348.9	.9294	-.2319	4.798	-1.213	18.33
#2	-.9179	385.8	1.580	1.355	4.935	-4.558	21.79

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.088	4.379
SDev	1.879	.995
%RSD	60.83	22.72
#1	-1.760	3.675
#2	-4.417	5.082

Method: SW846 Sample Name: 940030 Operator:
Run Time: 08/12/08 04:02:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	952.6	.0252	1.019	272.6	.1804	.0422	50620.
SDev	63.5	1.642	.789	13.5	.0927	.1569	2499.

Analysis Report 08/12/08 04:08:46 AM page 208

%RSD	6.665	6506.	77.39	4.956	51.38	371.9	4.937
#1	997.5	1.187	.4613	282.1	.1148	.1531	52390.
#2	907.7	-1.136	1.577	263.0	.2459	-.0687	48850.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.414	1.798	1.950	3832.	25390.	682.9	3.642
SDev	.246	.411	.167	210.	1265.	32.1	.210
%RSD	7.218	22.87	8.563	5.485	4.983	4.703	5.764
#1	3.588	2.089	2.068	3981.	26280.	705.6	3.791
#2	3.240	1.507	1.832	3684.	24490.	660.2	3.494

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8199.	.4995	1.632	3.335	109900.	-1.168	1.972
SDev	402.	.1766	.853	2.638	4909.	1.401	.029

%RSD	4.903	35.36	52.24	79.10	4.468	120.0	1.460
#1	8483.	.3746	2.235	1.470	113300.	-.1774	1.992
#2	7915.	.6243	1.029	5.201	106400.	-2.159	1.952

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.353	50.51	.8601	1.456	20.89	-.0408	2.463
SDev	.431	2.65	.0106	.741	.96	.2432	1.157
%RSD	5.867	5.256	1.236	50.86	4.615	596.1	46.97
#1	7.658	52.38	.8676	1.980	21.57	.1312	3.281
#2	7.048	48.63	.8526	.9324	20.20	-.2127	1.645

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.122	5.550
SDev	6.683	.619
%RSD	595.5	11.16
#1	-5.848	5.112
#2	3.603	5.988

Method: SW846 Sample Name: 940031 Operator:
Run Time: 08/12/08 04:08:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1539.	-.5176	23.45	181.5	.1260	-.1364	35150.
SDev	4.	1.0964	2.28	.0	.0190	.1849	160.
%RSD	.2739	211.8	9.715	.0106	15.05	135.6	.4543
#1	1536.	.2576	25.06	181.5	.1126	-.2672	35260.
#2	1542.	-1.293	21.84	181.5	.1394	-.0057	35040.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.180	2.145	7.026	45220.	22350.	551.0	1.955
SDev	.040	.167	.175	184.	70.	.7	.052
%RSD	1.261	7.774	2.489	.4060	.3126	.1232	2.678
#1	3.209	2.027	6.902	45350.	22300.	551.4	1.992
#2	3.152	2.263	7.149	45090.	22400.	550.5	1.918

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4832.	-.0961	9.036	1.797	65500.	-2.469	3.290
SDev	13.	.3875	.237	.653	271.	2.306	.224
%RSD	.2652	403.3	2.626	36.32	.4142	93.39	6.810
#1	4823.	.1779	8.868	2.258	65310.	-4.099	3.448
#2	4841.	-.3701	9.204	1.335	65690.	-.8385	3.131

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.984	632.1	.3406	1.536	27.15	-.5013	13.79
SDev	.434	1.3	.8518	.063	.24	.1202	.30
%RSD	10.89	.2131	250.1	4.104	.8743	23.98	2.144
#1	4.291	631.1	-.2616	1.581	26.99	-.5863	13.58
#2	3.677	633.0	.9429	1.492	27.32	-.4163	14.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.9785	3.171
SDev	2.7014	2.327
%RSD	276.1	73.38
#1	-2.889	4.817

#2	.9317	1.526

Method: SW846 Sample Name: 940033 Operator:
Run Time: 08/12/08 04:14:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2480.	-.1082	6.755	142.5	.1004	-.0013	31270.
SDev	13.	.0001	2.491	.0	.0002	.1555	21.
%RSD	.5103	.0701	36.88	.0139	.2429	12340.	.0657
#1	2471.	-.1083	8.516	142.5	.1006	.1087	31260.
#2	2489.	-.1082	4.993	142.5	.1003	-.1112	31290.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.389	.7173	6.660	55880.	32930.	420.2	4.063
SDev	.023	.0546	.314	86.	138.	1.1	.285
%RSD	.4332	7.615	4.715	.1536	.4183	.2596	7.002
#1	5.372	.7559	6.438	55810.	32840.	419.4	4.265
#2	5.405	.6787	6.882	55940.	33030.	420.9	3.862

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2551.	.3813	17.08	7.764	38770.	-2.229	7.049
SDev	8.	.3981	.02	2.680	202.	2.680	.078
%RSD	.2979	104.4	.1136	34.52	.5223	120.2	1.106
#1	2545.	.6628	17.09	9.659	38630.	-4.125	7.105
#2	2556.	.0998	17.06	5.869	38910.	-.3339	6.994

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.93	105.6	3.320	5.390	60.74	4.423	23.39
SDev	.42	.4	.711	4.071	.84	1.082	.51
%RSD	3.495	.3377	21.41	75.51	1.391	24.46	2.185
#1	12.22	105.4	2.817	8.269	60.14	5.188	23.03
#2	11.63	105.9	3.822	2.512	61.33	3.658	23.75

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	8.944	7.164
SDev	2.254	2.893
%RSD	25.21	40.38
#1	10.54	9.209
#2	7.350	5.118

Method: SW846 Sample Name: 938488 Operator:
Run Time: 08/12/08 04:20:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-25.95	-.7730	-.2002	-.2743	.0247	.0011	171.3
SDev	.61	.6167	1.0236	.0001	.0213	.0125	.3
%RSD	2.339	79.78	511.3	.0305	86.15	1166.	.1880
#1	-26.38	-1.209	-.9240	-.2742	.0398	-.0078	171.6
#2	-25.52	-.3369	.5236	-.2743	.0097	.0099	171.1

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7080	-.0344	3.779	7.385	7.706	.0458	-.9077
SDev	.0874	.2717	1.879	2.195	.604	.0003	.2049
%RSD	12.34	789.9	49.71	29.72	7.833	.6714	22.58
#1	.7698	-.2265	5.107	5.833	7.279	.0460	-1.053
#2	.6462	.1577	2.451	8.937	8.133	.0456	-.7628

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-344.0	.2114	1.028	1.725	140.0	-1.277	.2736
SDev	9.6	.0401	.760	.828	42.4	1.234	.3964
%RSD	2.803	18.98	73.87	47.96	30.30	96.59	144.9
#1	-337.2	.2398	.4911	2.311	110.0	-.4049	.5539
#2	-350.8	.1831	1.565	1.140	170.0	-2.150	-.0067

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.94	45.13	.8202	.0771	-.1661	2.244	.4169
SDev	.13	.92	.3207	1.095	.0927	1.415	.4322
%RSD	.7358	2.035	39.09	1419.	55.77	63.08	103.7
#1	18.03	45.78	.5935	-.6970	-.1006	1.243	.1113
#2	17.84	44.48	1.047	.8512	-.2316	3.244	.7225

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.1467	2.650
SDev	2.8040	2.640
%RSD	1911.	99.66
#1	-2.129	4.517
#2	1.836	.7824

Method: SW846 Sample Name: 938727 Operator:
Run Time: 08/12/08 04:26:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.59	-1.177	-2.540	22.03	-.0340	.1967	7335.
SDev	6.05	.409	.693	.21	.0044	.0624	85.
%RSD	11.97	34.75	27.27	.9593	12.91	31.72	1.155

#1	54.87	-1.467	-2.050	22.18	-.0371	.2409	7395.
#2	46.31	-.8880	-3.030	21.88	-.0309	.1526	7275.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.358	3.714	2.035	905.0	1462.	61.84	32.48
SDev	.087	.025	.042	2.6	14.	.70	.06
%RSD	1.985	.6859	2.057	.2848	.9282	1.134	.1760
#1	4.419	3.696	2.065	906.8	1472.	62.34	32.44
#2	4.297	3.732	2.005	903.2	1453.	61.35	32.52

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	845.7	.1801	.4959	1.981	45430.	-1.901	.3717
SDev	26.0	.1404	.3002	.805	365.	3.028	.3095
%RSD	3.073	77.97	60.54	40.66	.8043	159.3	83.27
#1	864.1	.0808	.7082	1.411	45690.	-4.042	.1529
#2	827.4	.2793	.2836	2.550	45170.	.2401	.5906

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	106.2	9.341	.5683	1.018	-.1978	.7381	.3705
SDev	1.0	.344	.7029	1.324	.0367	.8275	.8632
%RSD	.9700	3.687	123.7	130.1	18.54	112.1	233.0
#1	106.9	9.098	1.065	1.955	-.2237	.1529	.9809
#2	105.5	9.585	.0712	.0816	-.1718	1.323	-.2399

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.587	3.751
SDev	.083	1.166
%RSD	5.230	31.09
#1	-1.645	2.926
#2	-1.528	4.576

Method: SW846 Sample Name: 938728 Operator:
Run Time: 08/12/08 04:32:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	329.8	-.0018	-2.159	295.8	.0154	.0425	15950.
SDev	2.0	.9083	3.571	.0	.0070	.0592	6.
%RSD	.6069	49530.	165.4	.0155	45.30	139.1	.0394
#1	331.2	.6404	.3667	295.8	.0203	.0007	15950.
#2	328.4	-.6441	-4.684	295.7	.0105	.0843	15940.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.261	2.485	1.146	2064.	12970.	358.1	2.753
SDev	.175	.109	.629	14.	21.	.5	.219
%RSD	5.369	4.403	54.88	.6550	.1592	.1474	7.939
#1	3.384	2.562	1.591	2055.	12950.	357.8	2.907
#2	3.137	2.408	.7013	2074.	12980.	358.5	2.598

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2696.	.3619	1.138	.6671	78550.	-1.455	.7943
SDev	1.	.3118	.743	.7561	16.	2.906	.0013
%RSD	.0214	86.17	65.31	113.3	.0209	199.7	.1676
#1	2696.	.1414	1.664	1.202	78540.	.6000	.7952
#2	2697.	.5823	.6126	.1325	78560.	-3.510	.7933

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	7.535	116.9	1.122	1.227	6.573	2.238	.5844
SDev	.066	.0	.125	1.423	.002	.729	.7506
%RSD	.8765	.0301	11.16	115.9	.0340	32.55	128.4
#1	7.488	116.9	1.211	2.233	6.575	2.754	1.115
#2	7.582	116.8	1.034	.2215	6.571	1.723	.0536

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.035	2.505
SDev	2.852	.290
%RSD	93.96	11.58
#1	-1.018	2.300
#2	-5.051	2.710

Method: SW846 Sample Name: CCV3 Operator:
Run Time: 08/12/08 04:38:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126800.	959.6	4890.	9921.	989.9	2508.	126200.
SDev	20.	4.2	23.	22.	3.6	10.	458.
%RSD	.0157	.4373	.4786	.2204	.3598	.4109	.3632
#1	126800.	962.5	4906.	9936.	992.4	2515.	126500.
#2	126800.	956.6	4873.	9905.	987.3	2500.	125900.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5061.	2574.	12550.	100100.	127100.	5209.	2491.

SDev	13.	4.	2.	317.	47.	10.	7.
%RSD	.2634	.1626	.0189	.3162	.0370	.1940	.2819
#1	5070.	2577.	12550.	100400.	127100.	5216.	2496.
#2	5051.	2571.	12550.	99910.	127000.	5202.	2486.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50640.	1254.	10090.	4937.	126500.	5036.	2642.
SDev	8.	1.	12.	23.	312.	10.	4.
%RSD	.0156	.0766	.1167	.4615	.2467	.1969	.1623
#1	50640.	1255.	10100.	4953.	126200.	5043.	2645.
#2	50630.	1254.	10080.	4921.	126700.	5029.	2639.

24953V2

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2535.	1035.	2476.	1087.	10020.	10320.	9977.
SDev	11.	4.	8.	7.	23.	11.	12.
%RSD	.4223	.3862	.3134	.6153	.2283	.1089	.1207
#1	2543.	1032.	2482.	1092.	10030.	10330.	9985.
#2	2528.	1038.	2471.	1083.	10000.	10310.	9968.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5233.	4789.
SDev	15.	27.
%RSD	.2876	.5564
#1	5244.	4808.
#2	5222.	4771.

Method: SW846 Sample Name: CCB3 Operator:
Run Time: 08/12/08 04:44:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-43.03	-1.387	2.267	-.3316	.0629	-.0557	-1.546
SDev	3.52	.843	1.135	.0000	.0070	.0828	.553
%RSD	8.176	60.77	50.09	.0056	11.06	148.7	35.76
#1	-40.54	-.7908	1.464	-.3316	.0580	-.1142	-1.155
#2	-45.52	-1.982	3.070	-.3316	.0678	.0029	-1.937

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1109	-.0731	1.135	-10.93	5.153	-.1562	-.6524
SDev	.0651	.3249	.001	4.48	5.353	.0576	.0272
%RSD	58.65	444.3	.1001	40.96	103.9	36.86	4.171
#1	.1569	-.3029	1.135	-7.761	8.938	-.1970	-.6331
#2	.0649	.1566	1.136	-14.09	1.368	-.1155	-.6716

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-354.0	.1060	.5133	.6258	72.45	.5993	-.0588
SDev	.3	.0866	.1218	.3280	37.20	.5936	.1287
%RSD	.0764	81.71	23.74	52.42	51.35	99.06	218.8
#1	-353.8	.0448	.4271	.8577	98.76	.1795	-.1498
#2	-354.2	.1672	.5994	.3938	46.14	1.019	.0322

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4111	.1398	1.975	-1.578	.0746	2.356	-.4114
SDev	.3807	.6108	.244	1.136	.1243	1.099	.7313
%RSD	92.61	437.0	12.34	72.03	166.6	46.63	177.8
#1	-.1419	.5717	2.147	-2.381	.1625	3.133	-.9285
#2	-.6803	-.2921	1.802	-.7740	-.0133	1.579	.1057

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.581	2.216
SDev	.047	.515
%RSD	1.810	23.24

#1	-2.614	2.580
#2	-2.548	1.852

Method: SW846 Sample Name: 938729 Operator:
Run Time: 08/12/08 04:50:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1225.	-.9387	2.014	93.88	.1322	4.023	2456.
SDev	4.	.2497	2.031	.20	.0279	.019	3.
%RSD	.3223	26.60	100.9	.2141	21.12	.4616	.1065
#1	1223.	-.7621	3.450	93.74	.1125	4.009	2458.
#2	1228.	-1.115	.5774	94.02	.1520	4.036	2455.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.428	7.228	1.546	8219.	9916.	128.3	39.67
SDev	.451	.289	.322	15.	36.	.2	.56
%RSD	7.011	3.999	20.85	.1844	.3594	.1698	1.415
#1	6.747	7.433	1.774	8230.	9890.	128.5	40.07
#2	6.110	7.024	1.318	8208.	9941.	128.2	39.28

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4082.	.0545	1.089	3.835	24670.	.2544	1.420
SDev	4.	.0169	.168	1.420	85.	2.312	.337
%RSD	.0927	31.02	15.46	37.02	.3462	908.7	23.73
#1	4080.	.0425	.9698	4.839	24610.	1.889	1.658
#2	4085.	.0664	1.208	2.831	24730.	-1.380	1.181

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	197.9	44.98	1.845	1.139	-.1780	1.254	1.002
SDev	1.0	.35	.519	.392	.0920	1.101	.802
%RSD	.5037	.7819	28.12	34.43	51.68	87.80	80.02
#1	198.6	45.23	2.212	.8615	-.1129	2.032	.4351

#2	197.2	44.73	1.478	1.416	-.2430	.4753	1.569

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.769	6.623
SDev	2.996	3.624
%RSD	169.3	54.72
#1	-3.888	9.186
#2	.3487	4.060

Method: SW846 Sample Name: 938730 Operator:
Run Time: 08/12/08 04:56:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	-36.09	-2.193	-2.127	50.33	-.0951	.0324	29530.
SDev	1.11	.094	3.131	.03	.0469	.2331	70.
%RSD	3.081	4.289	147.2	.0526	49.27	719.2	.2374
#1	-36.88	-2.126	-4.341	50.35	-.0620	-.1324	29480.
#2	-35.31	-2.259	.0867	50.31	-.1283	.1972	29580.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.502	2.382	3.192	737.9	4070.	263.3	8.305
SDev	.127	.488	.472	3.7	20.	.9	.399
%RSD	8.478	20.47	14.78	.4967	.4829	.3234	4.804
#1	1.592	2.037	2.858	740.5	4056.	262.7	8.022
#2	1.412	2.727	3.525	735.3	4084.	263.9	8.587

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4874.	-.0100	.5785	1.273	17440.	-1.048	.1080
SDev	15.	.2252	1.109	2.390	127.	3.200	.4322
%RSD	.2976	2253.	191.8	187.7	.7285	305.4	400.1
#1	4864.	.1493	-.2059	2.963	17350.	1.215	-.1976
#2	4884.	-.1693	1.363	-.4168	17530.	-3.311	.4137

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.04	44.56	.6476	.0542	-.3055	.8831	.4219
SDev	.25	1.20	1.462	.3732	.0010	1.838	.7455
%RSD	2.530	2.692	225.7	688.0	.3261	208.1	176.7
#1	10.22	43.72	-.3859	-.2096	-.3048	-.4165	-.1052
#2	9.861	45.41	1.681	.3181	-.3062	2.183	.9491

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.271	2.533
SDev	5.142	1.016
%RSD	404.6	40.11
#1	2.365	3.251
#2	-4.907	1.814

Method: SW846 Sample Name: 938731 Operator:
Run Time: 08/12/08 05:02:23
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-28.52	.4361	1.837	50.50	-.1080	.0007	29760.
SDev	4.43	.1614	.618	.23	.0509	.1107	32.
%RSD	15.54	37.00	33.65	.4462	47.09	15990.	.1073
#1	-25.39	.3220	2.274	50.66	-.1440	.0789	29740.
#2	-31.66	.5503	1.400	50.34	-.0721	-.0776	29790.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.931	2.385	2.318	771.5	4088.	265.5	7.617
SDev	.123	.381	.142	4.5	20.	.6	.127
%RSD	6.387	15.98	6.124	.5785	.4824	.2307	1.670
#1	1.844	2.655	2.218	768.3	4074.	265.1	7.707
#2	2.018	2.116	2.419	774.6	4102.	265.9	7.527

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4902.	.1700	-.0653	2.192	17520.	-.3692	.1771
SDev	3.	.0595	.0380	1.600	.	1.2155	.0280
%RSD	.0533	34.98	58.18	72.97	.0011	329.2	15.82
#1	4904.	.1279	-.0921	1.061	17520.	.4903	.1970
#2	4900.	.2120	-.0384	3.324	17520.	-1.229	.1573

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.37	44.76	.8837	1.521	-.4591	.1505	-.1775
SDev	.19	.40	.0721	.794	.2143	1.689	.9002
%RSD	1.641	.8949	8.153	52.23	46.67	1122.	507.2
#1	11.51	44.48	.9347	.9592	-.3076	1.345	-.8140
#2	11.24	45.04	.8328	2.083	-.6106	-1.044	.4590

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.0872	3.320
SDev	3.1482	.827
%RSD	3612.	24.91
#1	-2.313	2.735
#2	2.139	3.905

Method: SW846 Sample Name: ICSA2 Operator:
Run Time: 08/12/08 05:08:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	491300.	-.3861	-.4620	.5735	-.1731	2.569	471000.
SDev	1029.	2.1991	6.2845	.0422	.0207	.077	936.
%RSD	.2094	569.6	1360.	7.357	11.93	3.006	.1988
#1	490600.	1.169	3.982	.5436	-.1585	2.515	471700.
#2	492000.	-1.941	-4.906	.6033	-.1877	2.624	470400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.171	-.7800	2.845	197900.	540400.	.4639	-1.988
SDev	.238	.1167	.328	432.	1136.	.0781	.621
%RSD	20.29	14.96	11.53	.2181	.2102	16.85	31.25
#1	1.339	-.6975	2.613	198200.	539600.	.4086	-1.549
#2	1.003	-.8626	3.077	197600.	541200.	.5191	-2.427

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-336.7	-.3803	-4.472	3.790	77.62	-.3488	-2.741
SDev	10.5	.2036	.294	6.802	7.97	.7837	.430
%RSD	3.105	53.53	6.579	179.5	10.27	224.7	15.69

#1	-329.3	-.2364	-4.264	-1.020	71.98	.2054	-2.437
#2	-344.1	-.5243	-4.680	8.600	83.25	-.9029	-3.045

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6153	-.7236	.4069	1.301	-12.35	-3.821	-4.802
SDev	.9116	.2280	1.902	2.601	.02	4.524	1.817
%RSD	148.1	31.51	467.4	199.9	.1384	118.4	37.85
#1	1.260	-.5624	1.752	-.5382	-12.34	-.6219	-6.087
#2	-.0293	-.8848	-.9379	3.141	-12.36	-7.019	-3.517

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.295	6.318

SDev	5.658	7.373
%RSD	436.9	116.7
#1	-5.296	1.104
#2	2.706	11.53

Method: SW846 Sample Name: ICSAB2 Operator:
Run Time: 08/12/08 05:14:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	490100.	90.98	96.36	108.0	99.62	101.6	470000.
SDev	416.	.62	3.19	.1	.15	.7	764.
%RSD	.0849	.6829	3.310	.0710	.1465	.7103	.1626
#1	490400.	90.54	94.11	108.1	99.52	101.1	469500.
#2	489800.	91.42	98.62	108.0	99.72	102.2	470500.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	103.9	100.8	110.9	197800.	539300.	107.0	95.92
SDev	.5	.5	1.0	105.	308.	.3	.79
%RSD	.4339	.5089	.8935	.0529	.0572	.3026	.8266
#1	103.6	101.2	111.6	197700.	539500.	106.8	95.36
#2	104.2	100.5	110.2	197800.	539100.	107.2	96.48

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11670.	104.1	97.32	102.3	10730.	93.17	103.0
SDev	42.	.1	1.04	1.0	20.	.48	.5

%RSD	.3609	.0541	1.072	.9793	.1897	.5147	.4558
#1	11690.	104.0	98.06	103.0	10740.	93.51	102.7
#2	11640.	104.1	96.58	101.6	10710.	92.83	103.4

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	100.6	102.2	101.4	104.5	92.28	98.95	96.50
SDev	.9	.2	1.0	1.2	.21	.43	1.35
%RSD	.9073	.2031	.9502	1.155	.2321	.4327	1.400

#1	99.91	102.3	102.1	105.3	92.13	99.25	97.45
#2	101.2	102.0	100.7	103.6	92.43	98.65	95.54

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	100.9	103.0
SDev	4.8	.9
%RSD	4.769	.8734

#1	104.3	102.4
#2	97.50	103.7

Method: SW846 Sample Name: CCV4 Operator:
Run Time: 08/12/08 05:20:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127000.	950.8	4875.	9909.	986.9	2506.	126200.
SDev	3.	1.8	16.	14.	.1	4.	83.

%RSD	.0023	.1846	.3219	.1381	.0077	.1445	.0661
#1	127000.	949.5	4886.	9919.	986.9	2504.	126100.
#2	127000.	952.0	4864.	9899.	987.0	2509.	126200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5066.	2581.	12590.	99840.	127500.	5241.	2488.
SDev	6.	2.	10.	19.	44.	8.	2.
%RSD	.1205	.0863	.0826	.0189	.0347	.1548	.0982
#1	5061.	2579.	12600.	99830.	127500.	5235.	2487.
#2	5070.	2582.	12590.	99860.	127400.	5247.	2490.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50560.	1253.	10070.	4905.	126000.	5031.	2660.
SDev	93.	.	.	5.	210.	2.	5.
%RSD	.1842	.0080	.0020	.1056	.1665	.0408	.2033
#1	50630.	1253.	10070.	4909.	126100.	5030.	2656.
#2	50490.	1253.	10070.	4902.	125800.	5032.	2663.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2538.	1022.	2472.	1090.	10020.	10330.	9936.
SDev	2.	5.	2.	7.	1.	14.	8.
%RSD	.0626	.5233	.0950	.6553	.0067	.1397	.0755
#1	2537.	1018.	2473.	1085.	10010.	10320.	9942.
#2	2539.	1026.	2470.	1095.	10020.	10340.	9931.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5249.	4734.
SDev	11.	13.
%RSD	.2008	.2752

#1	5241.	4743.

#2	5256.	4725.

Method: SW846 Sample Name: CCB4 Operator:
Run Time: 08/12/08 05:26:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-44.41	-.1594	-1.440	-.3316	.0413	.0204	.1941
SDev	.19	.6467	2.581	.0816	.0254	.1715	.6104
%RSD	.4331	405.7	179.3	24.60	61.51	841.8	314.5
#1	-44.28	.2979	.3854	-.3892	.0593	.1416	.6257
#2	-44.55	-.6167	-3.265	-.2739	.0234	-.1009	-.2375

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6046	-.1540	.9233	-7.802	5.527	-.2370	.0552
SDev	.0198	.0020	.3059	1.464	1.151	.0578	.1656
%RSD	3.278	1.295	33.14	18.76	20.83	24.40	299.9
#1	.5906	-.1554	.7070	-6.767	6.341	-.1961	-.0619
#2	.6186	-.1526	1.140	-8.837	4.713	-.2779	.1723

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-329.4	-.0352	.4381	2.187	114.7	2.863	.0149
SDev	2.0	.1636	.5440	2.645	13.1	2.269	.1012
%RSD	.5944	464.9	124.2	120.9	11.42	79.27	678.2
#1	-328.0	.0805	.8227	.3167	105.5	1.258	-.0566
#2	-330.8	-.1509	.0534	4.057	124.0	4.468	.0864

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8429	.2487	1.201	-1.038	.1839	1.044	.1313
SDev	.1942	.8743	.146	.301	.0307	2.692	.5285
%RSD	23.04	351.5	12.16	29.04	16.68	258.0	402.6
#1	-.7055	-.3695	1.305	-.8250	.2056	2.947	-.2425
#2	-.9802	.8670	1.098	-1.251	.1622	-.8602	.5050

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.265	4.399
SDev	4.310	1.813
%RSD	190.3	41.22
#1	-5.313	3.117

#2	.7826	5.682

File : 24944HG1.WSL

Leeman 5

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Type	Matrix	Instrument Dil.	Date	Time	Flags
1	STD01		3		1.0	08/06/08	11:09:50	
2	STD02		3		1.0	08/06/08	11:11:50	
3	STD03		3		1.0	08/06/08	11:14:11	
4	STD04		3		1.0	08/06/08	11:16:06	
5	STD05		3		1.0	08/06/08	11:17:57	
6	STD06		3		1.0	08/06/08	11:19:59	
7	AICV/ACCV1		0		1.0	08/06/08	11:24:41	
8	ICB/CCB1		0		1.0	08/06/08	11:26:40	
9	PBL080608-41		0		1.0	08/06/08	11:28:31	
10	BSL080608-41		0		1.0	08/06/08	11:31:30	
11	939905		0		1.0	08/06/08	11:33:19	
12	939905D		0		1.0	08/06/08	11:35:10	
13	939905MS		0		1.0	08/06/08	11:36:58	
14	938883		0		1.0	08/06/08	11:39:10	
15	939906		0		1.0	08/06/08	11:41:00	
16	937717		0		1.0	08/06/08	11:42:54	
17	ACCV2		0		1.0	08/06/08	11:44:56	
18	CCB2		0		1.0	08/06/08	11:46:54	
19	937718		0		1.0	08/06/08	11:49:27	
20	937719		0		1.0	08/06/08	11:51:19	
21	939525		0		1.0	08/06/08	11:53:09	
22	939526		0		1.0	08/06/08	11:55:12	
23	939775		0		1.0	08/06/08	11:57:12	
24	938178		0		1.0	08/06/08	11:59:05	
25	TB080508		0		1.0	08/06/08	12:00:53	
26	ACCV3		0		1.0	08/06/08	12:03:07	
27	CCB3		0		1.0	08/06/08	12:04:56	
28	PBW080608		0		1.0	08/06/08	12:07:17	
29	LCSW		0		1.0	08/06/08	12:09:35	
30	940028		0		1.0	08/06/08	12:11:27	
31	940028D		0		1.0	08/06/08	12:13:18	
32	940028MS		0		1.0	08/06/08	12:16:00	
33	940029		0		1.0	08/06/08	12:17:50	
34	ACCV4		0		1.0	08/06/08	12:20:02	
35	CCB4		0		1.0	08/06/08	12:22:00	
36	940030		0		1.0	08/06/08	12:23:50	
37	940031		0		1.0	08/06/08	12:25:55	
38	940032		0		1.0	08/06/08	12:28:21	
39	940033		0		1.0	08/06/08	12:30:21	
40	938488		0		1.0	08/06/08	12:32:33	
41	ACCV5		0		1.0	08/06/08	12:34:43	
42	CCB5		0		1.0	08/06/08	12:36:33	
43	PBW080608-32		0		1.0	08/06/08	12:38:35	
44	LCSW-32		0		1.0	08/06/08	12:40:37	
45	939476		0		1.0	08/06/08	12:42:29	
46	939476D		0		1.0	08/06/08	12:44:29	
47	939476MS		0		1.0	08/06/08	12:46:22	
48	939049		0		1.0	08/06/08	12:49:33	
49	ACCV6		0		1.0	08/06/08	12:52:12	
50	CCB6		0		1.0	08/06/08	12:54:23	
51	939476		0		1.0	08/06/08	12:56:15	
52	939476		0		5.0	08/06/08	13:05:54	
53	939476D		0		5.0	08/06/08	13:08:07	
54	939476MS		0		5.0	08/06/08	13:09:56	
55	939049		0		1.0	08/06/08	13:11:56	

56	ACCV7	0	1.0	08/06/08 13:14:19
57	CCB7	0	1.0	08/06/08 13:16:20
58	939049	0	10.0	08/06/08 13:18:14
59	ACCV8	0	1.0	08/06/08 13:20:32
60	CCB8	0	1.0	08/06/08 13:22:52

LEEMAN-5

TestAmerica Edison

METALS DATA REVIEW CHECKLIST

Batch Name: 24944
JOB Number: X765 X504

Primary Reviewer: S.U. Sarangapani Review Date: 8-6-08
Secondary Reviewer: _____ Review Date: _____

No. of Samples/Matrix: a) WATER ✓ b) SOIL _____ c) TCLP / SPLP _____ d) OTHER _____
Analytical Technique: a) ICP _____ b) CV ✓ c) GFAA _____ d) ICP/MS _____ e) OTHER _____
Metals List: a) TAL b) PP c) TCLP d) Other (Hg)
Report Level: IDL = a) CLP b) Non-CLP c) MDL d) Other CRDL = a) PQL/RL b) CLP c) Other

TASK : CAR's _____	PRI REV	SEC REV	COMMENTS
LAB CHRON: 1) Matches Prep Log	✓		
2) Sample Hold Times Met	✓		
Cyanide Reported on Forms (CLP only)	Y / N		Method: a) CLP b) SW846 9010B/9014
Initial / Continuing Calibration Verification Criteria Met	✓		
CRA/CRI requirements met if applicable	—	—	
FORM 1: Matches Report			
1) Report Units Correct	✓	—	
2) Report Metals List Correct	✓	—	
3) Dilutions due to interference's resulted in elevated RL's			
FORM 3: Blanks (ICB, CCBs, MB) < PQL/CRDL	✓		
ICSA/ICSAB: Recoveries Within Applicable Limits	N/A		
LabGen, Method, Project			
FORM 5A: a) BS: Recoveries Within Applicable Limits	✓		
b) MS Recoveries Within Applicable Limits	—	—	"N" Flag if MS Recoveries outside control limits.
LabGen, Method, Project	✓		
FORM 5B: PDS Performed	N/A		Not included in Non-CLP data package
FORM 6: a) LCSS/LCSSD RPD Within Applicable Limits (Solids)	NA	—	
b) Duplicate RPD Within Applicable Limits	NA		"*" Flag if RPD outside control limits.
LabGen, Method, Project			
FORM 7: LCS Within Applicable Limits	✓		
LabGen, Method, Project			
FORM 8: GFAA - MSA Analysis Performed	N/A		
GFAA – Analytical Spike (AS) Recoveries Acceptable			
GFAA – Repeat Analytical Recovery <40%			
GFAA – Duplicate Injection Precision Met			
FORM 9: Serial Dilution (SD) Within Acceptable Limits:			
LabGen, Method, Project			"E" Flag if Recoveries outside control limits.
FORM 14's Correct			
RAW DATA: FULL Deliv. Complete (Match Batches to LabChron)			
a) Instr. Raw Data package clearly displays the Batch number and sample numbers included in the report	—	—	
b) Prep Raw Data displays the Batch number and sample numbers included in the report	—	—	
c) %Solids Log if applicable			

Comments on Reverse

TASK: CAR's _____	PRI REV	SEC REV	RP FORM REV	COMMENTS
Report Type Correct				
Incomplete JOB Status Report reveals no Outstanding Data				
NARRATIVE: 1) Holding Times				Method: a) CLP b) SW846 c) Other
2) Method References				
3) % Recoveries / RPD's				
4) Analytical Difficulties/Types				

COMMENTS:

QC CYCLE	REASON
1	

HG STANDARD SUMMARY SHEET

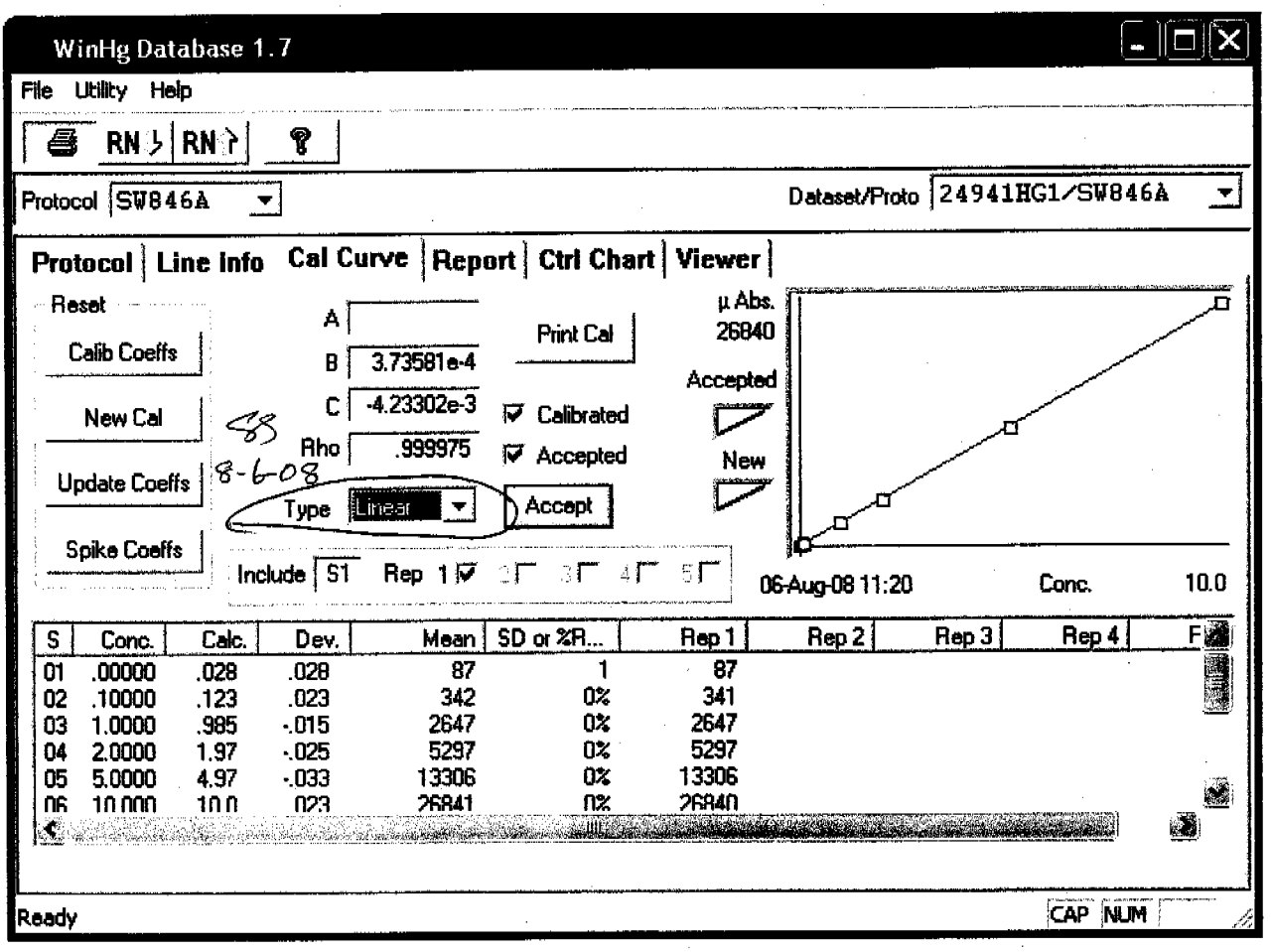
INSTRUMENT: LEEMAN4

BATCH #: 24944

ANALYSIS DATE: 8-6-08

Standard Name	Lab. Lot Number ~~HGDCO~~
STD02	HGDCO 663A
STD03	HGDCO663B
STD04	HGDCO663C
STD05	HGDCO663D
STD06	HGDCO663E
AICV/ACCVs	HGDV0825
ACCV	
MCL	
CRA	

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 2		11:02:44 06 Aug 08			HG
Hg	.000	ppb	-665						
*** Standard: 1 Rep: 1				Seq: 3		11:04:56 06 Aug 08			HG
Hg	.000	ppb	-14						
*** Standard: 1 Rep: 1				Seq: 4		11:09:50 06 Aug 08			HG
Hg	.000	ppb	87						
*** Standard: 2 Rep: 1				Seq: 5		11:11:50 06 Aug 08			HG
Hg	.100	ppb	341						
*** Standard: 3 Rep: 1				Seq: 6		11:14:11 06 Aug 08			HG
Hg	1.00	ppb	2647						
*** Standard: 4 Rep: 1				Seq: 7		11:16:06 06 Aug 08			HG
Hg	2.00	ppb	5297						
*** Standard: 5 Rep: 1				Seq: 8		11:17:57 06 Aug 08			HG
Hg	5.00	ppb	13306						
*** Standard: 6 Rep: 1				Seq: 9		11:19:59 06 Aug 08			HG
Hg	10.0	ppb	26840						


WinHg Database 1.7
File Utility Help
RN RN
Protocol SW846A
Dataset/Proto 24941HG1/SW846A
Protocol Line Info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 3.73581e-4
C -4.23302e-3
Rho .999975
Type Linear
Print Cal
Calibrated
Accepted
Accept
µ Abs.
26840
Accepted
New
Include S1 Rep 1 2 3 4 5
06-Aug-08 11:20
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %R... Rep 1 Rep 2 Rep 3 Rep 4
01 .00000 .028 .028 87 1 87
02 .10000 .123 .023 342 0% 341
03 1.0000 .985 -.015 2647 0% 2647
04 2.0000 1.97 -.025 5297 0% 5297
05 5.0000 4.97 -.033 13306 0% 13306
Ready
CAP NUM

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3ICV/CCV Seq: 10 11:24:41 06 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.2	4.86	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 11 11:26:40 06 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.017	.200	ppb	.000

*** Sample ID: PBL080608 /24941/ Seq: 12 11:28:31 06 Aug 08 HG

Hg -.013 ppb .000 -.013

*** Sample ID: BSL080608 Seq: 13 11:31:30 06 Aug 08 HG

Hg 5.11 ppb .000 5.11

*** Sample ID: 939905 Seq: 14 11:33:19 06 Aug 08 HG

Hg .010 ppb .000 .010

*** Sample ID: 939905D Seq: 15 11:35:10 06 Aug 08 HG

Hg .022 ppb .000 .022

*** Sample ID: 939905MS Seq: 16 11:36:58 06 Aug 08 HG

Hg 5.20 ppb .000 5.20

*** Sample ID: 938883 Seq: 17 11:39:10 06 Aug 08 HG

Hg .029 ppb .000 .029

*** Sample ID: 939906 Seq: 18 11:41:00 06 Aug 08 HG

Hg .016 ppb .000 .016

*** Sample ID: 937717 Seq: 19 11:42:54 06 Aug 08 HG

Hg -.003 ppb .000 -.003

*** Check Standard: 2 Ck2ACCV Seq: 20 11:44:56 06 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.6	4.88	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 21 11:46:54 06 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.023	.200	ppb	.000

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: 937718					Seq: 22	11:49:27 06 Aug 08			HG
Hg	-.018	ppb	.000	-.018					
*** Sample ID: 937719					Seq: 23	11:51:19 06 Aug 08			HG
Hg	.018	ppb	.000	.018					
*** Sample ID: 939525					Seq: 24	11:53:09 06 Aug 08			HG
Hg	.024	ppb	.000	.024					
*** Sample ID: 939526					Seq: 25	11:55:12 06 Aug 08			HG
Hg	.027	ppb	.000	.027					
*** Sample ID: 939775					Seq: 26	11:57:12 06 Aug 08			HG
Hg	.039	ppb	.000	.039					
*** Sample ID: 938178					Seq: 27	11:59:05 06 Aug 08			HG
Hg	.022	ppb	.000	.022					
*** Sample ID: TB080508					Seq: 28	12:00:53 06 Aug 08			HG
Hg	-.014	ppb	.000	-.014					

*** Check Standard: 2 Ck2ACCV				Seq: 29	12:03:07 06 Aug 08	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.2	4.86	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB				Seq: 30	12:04:56 06 Aug 08	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.003	.200	ppb	.000	

*** Sample ID: PBW080608 /24944				Seq: 31	12:07:17 06 Aug 08	HG
Hg	.027	ppb	.000	.027		
*** Sample ID: LCSW				Seq: 32	12:09:35 06 Aug 08	HG
Hg	1.01	ppb	.000	1.01		
*** Sample ID: 940028				Seq: 33	12:11:27 06 Aug 08	HG
Hg	.072	ppb	.000	.072		

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 940028D Seq: 34 12:13:18 06 Aug 08 HG

Hg	.070	ppb	.000	.070

*** Sample ID: 940028MS Seq: 35 12:16:00 06 Aug 08 HG

Hg	1.04	ppb	.000	1.04

*** Sample ID: 940029 Seq: 36 12:17:50 06 Aug 08 HG

Hg	.033	ppb	.000	.033

*** Check Standard: 2 Ck2ACCV Seq: 37 12:20:02 06 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.1	4.91	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 38 12:22:00 06 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.011	.200	ppb	.000

*** Sample ID: 940030 Seq: 39 12:23:50 06 Aug 08 HG

Hg	.277	ppb	.000	.277

*** Sample ID: 940031 Seq: 40 12:25:55 06 Aug 08 HG

Hg	-.011	ppb	.000	-.011

*** Sample ID: 940032 Seq: 41 12:28:21 06 Aug 08 HG

Hg	.103	ppb	.000	.103

*** Sample ID: 940033 Seq: 42 12:30:21 06 Aug 08 HG

Hg	.005	ppb	.000	.005

*** Sample ID: 938488FB Seq: 43 12:32:33 06 Aug 08 HG

Hg	.027	ppb	.000	.027

*** Check Standard: 2 Ck2ACCV Seq: 44 12:34:43 06 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.4	4.87	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 45 12:36:33 06 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.018	.200	ppb	.000

Sediment Samples 8-6-08
Leeman S
Method 245.1 / 7470A

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: PBW080608 /24932					Seq: 46		12:38:35 06 Aug 08		HG
Hg	.011	ppb	.000	.011					
*** Sample ID: LCSW					Seq: 47		12:40:37 06 Aug 08		HG
Hg	.991	ppb	.000	.991					
*** Sample ID: 939476 See Rerun					Seq: 48		12:42:29 06 Aug 08		HG
Hg	10.5	ppb	.000	10.5					
*** Sample ID: 939476D See Rerun					Seq: 49		12:44:29 06 Aug 08		HG
Hg	13.9	ppb	.000	13.9					
*** Sample ID: 939476MS See Rerun					Seq: 50		12:46:22 06 Aug 08		HG
Hg	12.8	ppb	.000	12.8					
*** Sample ID: 939049 See Rerun					Seq: 51		12:49:33 06 Aug 08		HG
Hg	60.8	ppb	.000	60.8					

*** Check Standard: 2 Ck2ACCV Seq: 52 12:52:12 06 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.4	4.87	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 53 12:54:23 06 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.023	.200	ppb	.000

*** Sample ID: 939476					Seq: 54		12:56:15 06 Aug 08		HG
Hg	2.28	ppb	.000	2.28					
*** Sample ID: 939476 ~~10X~~ 5X dil					Seq: 55		13:05:54 06 Aug 08		HG
Hg	2.20	ppb	.000	2.20					
*** Sample ID: 939476D ~~10X~~ 5X dil					Seq: 56		13:08:07 06 Aug 08		HG
Hg	2.13	ppb	.000	2.13					
*** Sample ID: 939476MS ~~10X~~ 5X dil					Seq: 57		13:09:56 06 Aug 08		HG
Hg	2.62	ppb	.000	2.62					

CB 8-6-08

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 939049 see Rerun Seq: 58 13:11:56 06 Aug 08 HG

Hg	13.2	ppb	.000	13.2

*** Check Standard: 2 Ck2ACCV Seq: 59 13:14:19 06 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.4	4.87	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 60 13:16:20 06 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.023	.200	ppb	.000

*** Sample ID: 939049 10XRerun Seq: 61 13:18:14 06 Aug 08 HG

Hg	6.76	ppb	.000	6.76

*** Check Standard: 2 Ck2ACCV Seq: 62 13:20:32 06 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.3	4.87	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 63 13:22:52 06 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.004	.200	ppb	.000

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 4		11:09:50 06 Aug 08			HG
Hg	.000	ppb	87						
*** Standard: 2 Rep: 1				Seq: 5		11:11:50 06 Aug 08			HG
Hg	.100	ppb	341						
*** Standard: 3 Rep: 1				Seq: 6		11:14:11 06 Aug 08			HG
Hg	1.00	ppb	2647						
*** Standard: 4 Rep: 1				Seq: 7		11:16:06 06 Aug 08			HG
Hg	2.00	ppb	5297						
*** Standard: 5 Rep: 1				Seq: 8		11:17:57 06 Aug 08			HG
Hg	5.00	ppb	13306						
*** Standard: 6 Rep: 1				Seq: 9		11:19:59 06 Aug 08			HG
Hg	10.0	ppb	26840						
*** Check Standard: 3			Ck3ICV/CCV	Seq: 10		11:24:41 06 Aug 08			HG
Line Flag			Intensities						
Hg			13024						
*** Check Standard: 1			Ck1CCB	Seq: 11		11:26:40 06 Aug 08			HG
Line Flag			Intensities						
Hg			-34						
*** Sample ID: PBL080608 /24941				Seq: 12		11:28:31 06 Aug 08			HG
Hg	-.013	ppb	-23						
*** Sample ID: BSL080608				Seq: 13		11:31:30 06 Aug 08			HG
Hg	5.11	ppb	13700						
*** Sample ID: 939905				Seq: 14		11:33:19 06 Aug 08			HG
Hg	.010	ppb	37						

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: 939905D				Seq: 15		11:35:10 06 Aug 08			HG
Hg	.022	ppb	69						
*** Sample ID: 939905MS				Seq: 16		11:36:58 06 Aug 08			HG
Hg	5.20	ppb	13926						
*** Sample ID: 938883				Seq: 17		11:39:10 06 Aug 08			HG
Hg	.029	ppb	88						
*** Sample ID: 939906				Seq: 18		11:41:00 06 Aug 08			HG
Hg	.016	ppb	55						
*** Sample ID: 937717				Seq: 19		11:42:54 06 Aug 08			HG
Hg	-.003	ppb	2						
*** Check Standard: 2			Ck2ACCV	Seq: 20		11:44:56 06 Aug 08			HG
Line	Flag		Intensities						
Hg			13078						
*** Check Standard: 1			Ck1CCB	Seq: 21		11:46:54 06 Aug 08			HG
Line	Flag		Intensities						
Hg			-49						
*** Sample ID: 937718				Seq: 22		11:49:27 06 Aug 08			HG
Hg	-.018	ppb	-37						
*** Sample ID: 937719				Seq: 23		11:51:19 06 Aug 08			HG
Hg	.018	ppb	59						
*** Sample ID: 939525				Seq: 24		11:53:09 06 Aug 08			HG
Hg	.024	ppb	75						

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: 939526				Seq: 25	11:55:12 06 Aug 08				HG
Hg	.027	ppb	83						
*** Sample ID: 939775				Seq: 26	11:57:12 06 Aug 08				HG
Hg	.039	ppb	115						
*** Sample ID: 938178				Seq: 27	11:59:05 06 Aug 08				HG
Hg	.022	ppb	71						
*** Sample ID: TB080508				Seq: 28	12:00:53 06 Aug 08				HG
Hg	-.014	ppb	-25						
*** Check Standard: 2			Ck2ACCV	Seq: 29	12:03:07 06 Aug 08				HG
Line Flag			Intensities						
Hg			13027						
*** Check Standard: 1			Ck1CCB	Seq: 30	12:04:56 06 Aug 08				HG
Line Flag			Intensities						
Hg			4						
*** Sample ID: PBW080608 /24944				Seq: 31	12:07:17 06 Aug 08				HG
Hg	.027	ppb	84						
*** Sample ID: LCSW				Seq: 32	12:09:35 06 Aug 08				HG
Hg	1.01	ppb	2715						
*** Sample ID: 940028				Seq: 33	12:11:27 06 Aug 08				HG
Hg	.072	ppb	203						
*** Sample ID: 940028D				Seq: 34	12:13:18 06 Aug 08				HG
Hg	.070	ppb	200						

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: 940028MS				Seq: 35		12:16:00 06 Aug 08			HG
Hg	1.04	ppb	2807						
*** Sample ID: 940029				Seq: 36		12:17:50 06 Aug 08			HG
Hg	.033	ppb	99						
*** Check Standard: 2			Ck2ACCV	Seq: 37		12:20:02 06 Aug 08			HG
Line	Flag		Intensities						
Hg			13145						
*** Check Standard: 1			Ck1CCB	Seq: 38		12:22:00 06 Aug 08			HG
Line	Flag		Intensities						
Hg			-17						
*** Sample ID: 940030				Seq: 39		12:23:50 06 Aug 08			HG
Hg	.277	ppb	752						
*** Sample ID: 940031				Seq: 40		12:25:55 06 Aug 08			HG
Hg	-.011	ppb	-18						
*** Sample ID: 940032				Seq: 41		12:28:21 06 Aug 08			HG
Hg	.103	ppb	286						
*** Sample ID: 940033				Seq: 42		12:30:21 06 Aug 08			HG
Hg	.005	ppb	25						
*** Sample ID: 938488FB				Seq: 43		12:32:33 06 Aug 08			HG
Hg	.027	ppb	84						
*** Check Standard: 2			Ck2ACCV	Seq: 44		12:34:43 06 Aug 08			HG
Line	Flag		Intensities						
Hg			13050						
*** Check Standard: 1			Ck1CCB	Seq: 45		12:36:33 06 Aug 08			HG
Line	Flag		Intensities						
Hg			-36						

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: PBW080608				Seq: 46	12:38:35 06 Aug 08				HG
Hg	.011	ppb	41						
*** Sample ID: LCSW				Seq: 47	12:40:37 06 Aug 08				HG
Hg	.991	ppb	2663						
*** Sample ID: 939476			See Rerun	Seq: 48	12:42:29 06 Aug 08				HG
Hg	10.5	ppb	28117						
*** Sample ID: 939476D			See Rerun	Seq: 49	12:44:29 06 Aug 08				HG
Hg	13.9	ppb	37258						
*** Sample ID: 939476MS			See Rerun	Seq: 50	12:46:22 06 Aug 08				HG
Hg	12.8	ppb	34164						
*** Sample ID: 939049			See Rerun	Seq: 51	12:49:33 06 Aug 08				HG
Hg	60.8	ppb	162828						
*** Check Standard: 2			Ck2ACCV	Seq: 52	12:52:12 06 Aug 08				HG
Line Flag			Intensities						
Hg			13053						
*** Check Standard: 1			Ck1CCB	Seq: 53	12:54:23 06 Aug 08				HG
Line Flag			Intensities						
Hg			-51						
*** Sample ID: 939476				Seq: 54	12:56:15 06 Aug 08				HG
Hg	2.28	ppb	6121						
*** Sample ID: 939476			5x dil.	Seq: 55	13:05:54 06 Aug 08				HG
Hg	2.20	ppb	5898						

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: 939476D 5x dilution				Seq: 56		13:08:07 06 Aug 08			HG
Hg	2.13	ppb	5726						
*** Sample ID: 939476MS 5x dilution				Seq: 57		13:09:56 06 Aug 08			HG
Hg	2.62	ppb	7013						
*** Sample ID: 939049 See dilution				Seq: 58		13:11:56 06 Aug 08			HG
Hg	13.2	ppb	35242						
*** Check Standard: 2			Ck2ACCV	Seq: 59		13:14:19 06 Aug 08			HG
Line	Flag		Intensities						
Hg			13053						
*** Check Standard: 1			Ck1CCB	Seq: 60		13:16:20 06 Aug 08			HG
Line	Flag		Intensities						
Hg			72						
*** Sample ID: 939049 10 x dil.				Seq: 61		13:18:14 06 Aug 08			HG
Hg	6.76	ppb	18095						
*** Check Standard: 2			Ck2ACCV	Seq: 62		13:20:32 06 Aug 08			HG
Line	Flag		Intensities						
Hg			13037						
*** Check Standard: 1			Ck1CCB	Seq: 63		13:22:52 06 Aug 08			HG
Line	Flag		Intensities						
Hg			0						

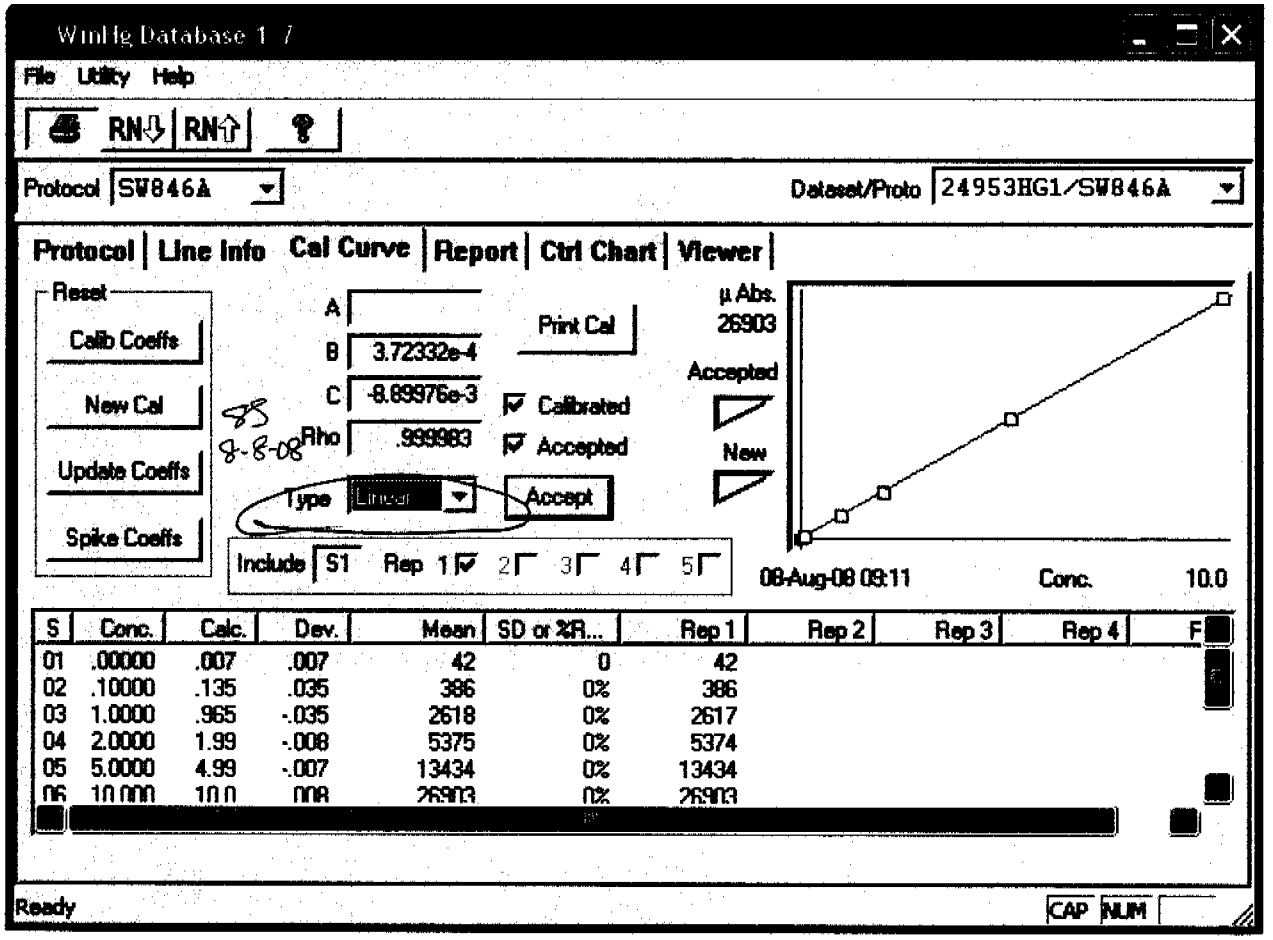
File : 24953HG1.WSL

Leeman S

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Type	Matrix	Instrument Dil.	Date	Time	Flags
1	STD01		3		1.0	08/08/08	08:58:30	
2	STD02		3		1.0	08/08/08	09:00:34	
3	STD03		3		1.0	08/08/08	09:02:23	
4	STD04		3		1.0	08/08/08	09:04:14	
5	STD05		3		1.0	08/08/08	09:06:06	
6	STD06		3		1.0	08/08/08	09:08:41	
7	AICV/ACCV1		0		1.0	08/08/08	09:14:03	
8	ICB/CCB1		0		1.0	08/08/08	09:15:55	
9	PBW080808		0		1.0	08/08/08	09:17:47	
10	LCSW		0		1.0	08/08/08	09:19:39	
11	940364		0		1.0	08/08/08	09:21:27	
12	940364D		0		1.0	08/08/08	09:23:29	
13	940364MS		0		1.0	08/08/08	09:25:31	
14	940360		0		1.0	08/08/08	09:27:43	
15	940361		0		1.0	08/08/08	09:29:34	
16	940362		0		1.0	08/08/08	09:32:05	
17	ACCV2		0		1.0	08/08/08	09:33:53	
18	CCB2		0		1.0	08/08/08	09:36:11	
19	940363		0		1.0	08/08/08	09:38:52	
20	940365		0		1.0	08/08/08	09:40:44	
21	940366		0		1.0	08/08/08	09:42:49	
22	940367		0		1.0	08/08/08	09:45:32	
23	940368		0		1.0	08/08/08	09:47:31	
24	940369		0		1.0	08/08/08	09:49:22	
25	940390		0		1.0	08/08/08	09:51:25	
26	ACCV3		0		1.0	08/08/08	09:53:23	
27	CCB3		0		1.0	08/08/08	09:55:14	

S.U. Sanagavarapu 8-8-08
Leeman S
Method 7470A

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		08:58:30 08 Aug 08		HG
Hg	.000	ppb	42					
*** Standard: 2 Rep: 1				Seq: 2		09:00:34 08 Aug 08		HG
Hg	.100	ppb	386					
*** Standard: 3 Rep: 1				Seq: 3		09:02:23 08 Aug 08		HG
Hg	1.00	ppb	2617					
*** Standard: 4 Rep: 1				Seq: 4		09:04:14 08 Aug 08		HG
Hg	2.00	ppb	5374					
*** Standard: 5 Rep: 1				Seq: 5		09:06:06 08 Aug 08		HG
Hg	5.00	ppb	13434					
*** Standard: 6 Rep: 1				Seq: 6		09:08:41 08 Aug 08		HG
Hg	10.0	ppb	26903					


WinHg Database 1 /
File Utility Help
RN⇩ RN⇧
Protocol SW846A
Dataset/Proto 24953HG1/SW846A
Protocol Line Info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 3.72332e-4
C -8.89976e-3
Rho .999983
Print Cal
Calibrated
Accepted
Type Linear
Accept
µ Abs.
26903
Accepted
New
Include S1 Rep 1 2 3 4 5
08-Aug-08 09:11
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %R... Rep 1 Rep 2 Rep 3 Rep 4 F
01 .00000 .007 .007 42 0 42
02 .10000 .135 .035 386 0% 386
03 1.0000 .965 -.035 2618 0% 2617
04 2.0000 1.99 -.008 5375 0% 5374
05 5.0000 4.99 -.007 13434 0% 13434
Ready
CAP NUM

S.U. Sawaya 8-8-08
Leeman S, Method 7470A

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3ICV/CCV Seq: 7 09:14:03 08 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.02	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 8 09:15:55 08 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.013	.200	ppb	.000

*** Sample ID: PBW080808 / 24953 Seq: 9 09:17:47 08 Aug 08 HG

Hg	-.009	ppb	.000	-.009

*** Sample ID: LCSW Seq: 10 09:19:39 08 Aug 08 HG

Hg	.975	ppb	.000	.975

*** Sample ID: 940364 Seq: 11 09:21:27 08 Aug 08 HG

Hg	-.014	ppb	.000	-.014

*** Sample ID: 940364D Seq: 12 09:23:29 08 Aug 08 HG

Hg	-.017	ppb	.000	-.017

*** Sample ID: 940364MS Seq: 13 09:25:31 08 Aug 08 HG

Hg	.954	ppb	.000	.954

*** Sample ID: 940360 Seq: 14 09:27:43 08 Aug 08 HG

Hg	.147	ppb	.000	.147

*** Sample ID: 940361 Seq: 15 09:29:34 08 Aug 08 HG

Hg	.004	ppb	.000	.004

*** Sample ID: 940362 Seq: 16 09:32:05 08 Aug 08 HG

Hg	.012	ppb	.000	.012

*** Check Standard: 2 Ck2ACCV Seq: 17 09:33:53 08 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.05	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 18 09:36:11 08 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.003	.200	ppb	.000

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 940363				Seq: 19	09:38:52 08 Aug 08	HG		
Hg	.035	ppb	.000	.035				
*** Sample ID: 940365				Seq: 20	09:40:44 08 Aug 08	HG		
Hg	.033	ppb	.000	.033				
*** Sample ID: 940366				Seq: 21	09:42:49 08 Aug 08	HG		
Hg	-.009	ppb	.000	-.009				
*** Sample ID: 940367				Seq: 22	09:45:32 08 Aug 08	HG		
Hg	.012	ppb	.000	.012				
*** Sample ID: 940368				Seq: 23	09:47:31 08 Aug 08	HG		
Hg	.096	ppb	.000	.096				
*** Sample ID: 940369				Seq: 24	09:49:22 08 Aug 08	HG		
Hg	.034	ppb	.000	.034				
*** Sample ID: 940390				Seq: 25	09:51:25 08 Aug 08	HG		
Hg	.064	ppb	.000	.064				

*** Check Standard: 2 Ck2ACCV Seq: 26 09:53:23 08 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.03	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 27 09:55:14 08 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.019	.200	ppb	.000

S.U. Sanagavarapu 8-8-08 Leeman 5, Method 7470A

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1	08:58:30 08 Aug 08	HG		
Hg	.000	ppb	42					
*** Standard: 2 Rep: 1				Seq: 2	09:00:34 08 Aug 08	HG		
Hg	.100	ppb	386					
*** Standard: 3 Rep: 1				Seq: 3	09:02:23 08 Aug 08	HG		
Hg	1.00	ppb	2617					
*** Standard: 4 Rep: 1				Seq: 4	09:04:14 08 Aug 08	HG		
Hg	2.00	ppb	5374					
*** Standard: 5 Rep: 1				Seq: 5	09:06:06 08 Aug 08	HG		
Hg	5.00	ppb	13434					
*** Standard: 6 Rep: 1				Seq: 6	09:08:41 08 Aug 08	HG		
Hg	10.0	ppb	26903					
*** Check Standard: 3			Ck3ICV/CCV	Seq: 7	09:14:03 08 Aug 08	HG		
Line Flag			Intensities					
Hg			13500					
*** Check Standard: 1			Ck1CCB	Seq: 8	09:15:55 08 Aug 08	HG		
Line Flag			Intensities					
Hg			-12					
*** Sample ID: PBW080808 /24953				Seq: 9	09:17:47 08 Aug 08	HG		
Hg	-.009	ppb	-1					
*** Sample ID: LCSW				Seq: 10	09:19:39 08 Aug 08	HG		
Hg	.975	ppb	2643					
*** Sample ID: 940364				Seq: 11	09:21:27 08 Aug 08	HG		
Hg	-.014	ppb	-15					

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: 940364D				Seq: 12	09:23:29 08 Aug 08				HG
Hg	-.017	ppb	-21						
*** Sample ID: 940364MS				Seq: 13	09:25:31 08 Aug 08				HG
Hg	.954	ppb	2586						
*** Sample ID: 940360				Seq: 14	09:27:43 08 Aug 08				HG
Hg	.147	ppb	418						
*** Sample ID: 940361				Seq: 15	09:29:34 08 Aug 08				HG
Hg	.004	ppb	35						
*** Sample ID: 940362				Seq: 16	09:32:05 08 Aug 08				HG
Hg	.012	ppb	56						
*** Check Standard: 2		Ck2ACCV		Seq: 17	09:33:53 08 Aug 08				HG
Line Flag		Intensities							
Hg		13575							
*** Check Standard: 1		Ck1CCB		Seq: 18	09:36:11 08 Aug 08				HG
Line Flag		Intensities							
Hg		15							
*** Sample ID: 940363				Seq: 19	09:38:52 08 Aug 08				HG
Hg	.035	ppb	119						
*** Sample ID: 940365				Seq: 20	09:40:44 08 Aug 08				HG
Hg	.033	ppb	113						
*** Sample ID: 940366				Seq: 21	09:42:49 08 Aug 08				HG
Hg	-.009	ppb	-1						

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: 940367				Seq: 22	09:45:32 08 Aug 08				HG
Hg	.012	ppb	56						=
*** Sample ID: 940368				Seq: 23	09:47:31 08 Aug 08				HG
Hg	.096	ppb	282						=
*** Sample ID: 940369				Seq: 24	09:49:22 08 Aug 08				HG
Hg	.034	ppb	114						=
*** Sample ID: 940390				Seq: 25	09:51:25 08 Aug 08				HG
Hg	.064	ppb	195						=
*** Check Standard: 2			Ck2ACCV	Seq: 26	09:53:23 08 Aug 08				HG
Line Flag			Intensities						
Hg			13530						=
*** Check Standard: 1			Ck1CCB	Seq: 27	09:55:14 08 Aug 08				HG
Line Flag			Intensities						
Hg			-28						=

Batch #: 24944V1
Date: 08/13/08
METHOD: 6010B

ELEMENTS:
AlAsBaBeCd
CaCrCoCuFe
MgMnNiKAg
NaTlVZnPbSe
SbBMoSrSnTi

File : 24944V1.WSL

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Type	Matrix	Instrument Dil.	Date	Time	Flags
1	T2CAL-BLK		3		1.0	08/13/08	03:23:00	
2	T2CAL1		3		1.0	08/13/08	03:29:00	
3	T2CAL2		3		1.0	08/13/08	03:35:00	
4	T2CAL3		3		1.0	08/13/08	03:41:00	
5	HSA		0		1.0	08/13/08	03:47:00	
6	ICV/CCV1		0		1.0	08/13/08	03:53:00	
7	ICB/CCB1		0		1.0	08/13/08	03:59:00	
8	ICSA1		0		1.0	08/13/08	04:05:00	
9	ICSAB1		0		1.0	08/13/08	04:10:00	
10	INT-20		0		1.0	08/13/08	04:16:00	
11	MCL		0		1.0	08/13/08	04:22:00	
12	MCL-2		0		1.0	08/13/08	04:28:00	
13	PBW080608		0		1.0	08/13/08	04:34:00	
14	LCSW		0		1.0	08/13/08	04:40:00	
15	940032D		0		1.0	08/13/08	04:46:00	
16	940032		0		1.0	08/13/08	04:52:00	
17	940032L		0		1.0	08/13/08	04:58:00	
18	CCV2		0		1.0	08/13/08	05:04:00	
19	CCB2		0		1.0	08/13/08	05:10:00	
20	940032MS		0		1.0	08/13/08	05:16:00	
21	940032A		0		1.0	08/13/08	05:22:00	
22	940028		0		1.0	08/13/08	05:28:00	
23	940029		0		1.0	08/13/08	05:34:00	
24	940030		0		1.0	08/13/08	05:40:00	
25	940031		0		1.0	08/13/08	05:46:00	
26	940033		0		1.0	08/13/08	05:52:00	
27	938488		0		1.0	08/13/08	05:58:00	
28	938727		0		1.0	08/13/08	06:04:00	
29	938728		0		1.0	08/13/08	06:09:00	
30	CCV3		0		1.0	08/13/08	06:15:00	
31	CCB3		0		1.0	08/13/08	06:21:00	
32	938729		0		1.0	08/13/08	06:27:00	
33	938730		0		1.0	08/13/08	06:33:00	
34	938731		0		1.0	08/13/08	06:39:00	
35	ICSA2		0		1.0	08/13/08	06:45:00	
36	ICSAB2		0		1.0	08/13/08	06:51:00	
37	CCV4		0		1.0	08/13/08	06:57:00	
38	CCB4		0		1.0	08/13/08	07:03:00	

Continued on Page

Read and Understood By

Michael Baldwin 08/14/08
Signed Date

Signed 8-15-08
Signed Date

Batch# 24941HG1
24944HG1
24932HG1

Date: 08-06-08

Method: 7470A
245.1

File : 24941HG1.WSL \ 24944HG1 \ 24932HG1

Leeman S

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Type	Matrix	Instrument Dil.	Date	Time	Flags
1	STD01		3		1.0	08/06/08	11:09:50	
2	STD02		3		1.0	08/06/08	11:11:50	
3	STD03		3		1.0	08/06/08	11:14:11	
4	STD04		3		1.0	08/06/08	11:16:06	
5	STD05		3		1.0	08/06/08	11:17:57	
6	STD06		3		1.0	08/06/08	11:19:59	
7	AICV/ACCV1		0		1.0	08/06/08	11:24:41	
8	ICB/CCB1		0		1.0	08/06/08	11:26:40	
9	PBL080608		0		1.0	08/06/08	11:28:31	
10	BSL080608		0		1.0	08/06/08	11:31:30	
11	939905		0		1.0	08/06/08	11:33:19	
12	939905D		0		1.0	08/06/08	11:35:10	
13	939905MS		0		1.0	08/06/08	11:36:58	
14	938883		0		1.0	08/06/08	11:39:10	
15	939906		0		1.0	08/06/08	11:41:00	
16	937717		0		1.0	08/06/08	11:42:54	
17	ACCV2		0		1.0	08/06/08	11:44:56	
18	CCB2		0		1.0	08/06/08	11:46:54	
19	937718		0		1.0	08/06/08	11:49:27	
20	937719		0		1.0	08/06/08	11:51:19	
21	939525		0		1.0	08/06/08	11:53:09	
22	939526		0		1.0	08/06/08	11:55:12	
23	939775		0		1.0	08/06/08	11:57:12	
24	938178		0		1.0	08/06/08	11:59:05	
25	TB080508		0		1.0	08/06/08	12:00:53	
26	ACCV3		0		1.0	08/06/08	12:03:07	
27	CCB3		0		1.0	08/06/08	12:04:56	
28	PBW080608-44		0		1.0	08/06/08	12:07:17	
29	LCSW-44		0		1.0	08/06/08	12:09:35	
30	940028		0		1.0	08/06/08	12:11:27	
31	940028D		0		1.0	08/06/08	12:13:18	
32	940028MS		0		1.0	08/06/08	12:16:00	
33	940029		0		1.0	08/06/08	12:17:50	
34	ACCV4		0		1.0	08/06/08	12:20:02	
35	CCB4		0		1.0	08/06/08	12:22:00	
36	940030		0		1.0	08/06/08	12:23:50	
37	940031		0		1.0	08/06/08	12:25:55	
38	940032		0		1.0	08/06/08	12:28:21	
39	940033		0		1.0	08/06/08	12:30:21	
40	938488		0		1.0	08/06/08	12:32:33	
41	ACCV5		0		1.0	08/06/08	12:34:43	
42	CCB5		0		1.0	08/06/08	12:36:33	
43	PBW080608-32		0		1.0	08/06/08	12:38:35	
44	LCSW-32		0		1.0	08/06/08	12:40:37	
45	939476		0		1.0	08/06/08	12:42:29	
46	939476D		0		1.0	08/06/08	12:44:29	
47	939476MS		0		1.0	08/06/08	12:46:22	
48	939049		0		1.0	08/06/08	12:49:33	
49	ACCV6		0		1.0	08/06/08	12:52:12	
50	CCB6		0		1.0	08/06/08	12:54:23	
51	939476		0		1.0	08/06/08	12:56:15	
52	939476		0		5.0	08/06/08	13:05:54	
53	939476D		0		5.0	08/06/08	13:08:07	
54	939476MS		0		5.0	08/06/08	13:09:56	
55	939049		0		1.0	08/06/08	13:11:56	
56	ACCV7		0		1.0	08/06/08	13:14:19	
57	CCB7		0		1.0	08/06/08	13:16:20	
58	939049		0		10.0	08/06/08	13:18:14	
59	ACCV8		0		1.0	08/06/08	13:20:32	
60	CCB8		0		1.0	08/06/08	13:22:52	

Continued on Page

Read and Understood By

S. U. Samaraweera 8-8-08
Signed Date

Signed Date 8-8-08

TestAmerica EDISON
METALS PREPARATION LOGBOOK

Batch: 24944
Spike Sources/Lot #
MS/BS: 2ml ICPSPK MPS112
LCS: 2ml ICPSPK MPS112
Filter Paper: Manuf.: **Whatman**
Lot #: J1126105I

Prep Date: 8-6-08
Reagent Sources/Lot #
HNO_3: E50037
HCl: NA
H_2O_2: NA
1:1HNO_3: NA
1:1HCl: MPR095

Matrix: Water
Hot ~~plate~~/ block
temperature: 95 °C
Balance #:
Sample Cups:
Manuf.: **Fisher**
Lot #: A803LS180

Method (circle one): ICP / 200.7 / (3010A) / 3050B / CLP / 200.7 DW / Other: SW846
Furnace / 200.9 / ~~3020A~~ / 3050B / CLP / 200.9 DW / Other:

	Job No.	Sample No.	Init Wgt (g)/ Vol (ml)	Final Vol (ml)	(√) if filtered	Comments
1	X765	940028	100	100		
2		940029	100	100		
3		940030	100	100		
4		940031	100	100	✓	
5		940032	100	100		
6	↓	940033	100	100	✓	
7	X504	938488	100	100		
8	X545	938727	50	50		
9		938728	50	50		
10		938729	50	50		
11		938730	50	50		
12	↓	938731	50	50		
13						
14						
15						
16						
17						
18						
19						
20						
MS	X765	940032	100	100		
DUP	↓	940032	100	100		
BS						
PBLK		24944	100	100	✓	
LCSW/LCSS		24944	100	100	✓	
LCSSD						

Analyst(s): qinyang
Reviewed by:

Form ID: METPREP.LOG1

TestAmerica Edison
Mercury Preparation Logbook

Batch: 24944 **Prep Date:** 8-6-08
Spike Sources/Lot # MS/LCSW/~~BS~~: 1ml HGDCT 0520
Reagent Sources/Lot #: H_2SO_4: E44F05 HNO_3: E20033
$KMnO_4$: Hg R0899 $K_2S_2O_8$: Hg R0900
$NaCl/NH_2OH{\cdot}HCL$ Hg R0901

Bath Temp 95° Start Time: 8:00 End Time: 10:00
Matrix (circle one) / Water / TCLP / Other: _____
Method (circle one): / 245.1 / 7470 A / CLP / 245.1DW Other _____

	Job	Sample	Initial Vol (ml)	Final Vol (ml)	Comments
1	X765	940028	100	100	
2	↓	940029	100	100	
3		940030	100	100	
4		940031	100	100	
5		940032	100	100	
6	↓	940033	100	100	
7	X504	938488 (FB)	100	100	
8	X545	938727	100	100	
9	↓	938728	100	100	
10		938729	100	100	
11		938730	100	100	
12	↓	938731	100	100	
~~13~~			~~100~~	~~100~~	
14			100	100	
15			100	100	
16			100	100	
17			100	100	
18			100	100	
19			100	100	
20			100	100	
MS	X765	940028	100	100	
DUP	↓	↓	100	100	
PBLK		24944	100	100	
LCSW		↓	100	100	
BS		NA	NA	NA	

Analyst(s): S. U. Sanagavarapu Reviewed by:
Form ID:HGPRLOGW

BatchH 24953V1, 24953V1A
Date: 08/10/08
METHOD: 6010B

File : 24953V1.WSL / 24953V1A

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Type	Matrix	Instrument Dil.	Date	Time	Flags
1	T2CAL-BLK		3		1.0	08/10/08	23:31:00	
2	T2CAL1		3		1.0	08/10/08	23:37:00	
3	T2CAL2		3		1.0	08/10/08	23:43:00	
4	T2CAL3		3		1.0	08/10/08	23:49:00	
5	HSA		0		1.0	08/10/08	23:55:00	
6	ICV/CCV1		0		1.0	08/11/08	00:01:00	
7	ICB/CCB1		0		1.0	08/11/08	00:07:00	
8	ICSA1		0		1.0	08/11/08	00:13:00	
9	ICSAB1		0		1.0	08/11/08	00:18:00	
10	INT-20		0		1.0	08/11/08	00:24:00	
11	MCL		0		1.0	08/11/08	00:30:00	
12	MCL-2		0		1.0	08/11/08	00:36:00	
13	PBW080808		0		1.0	08/11/08	00:42:00	
14	LCSW		0		1.0	08/11/08	00:48:00	
15	940364D		0		1.0	08/11/08	00:54:00	
16	940364		0		1.0	08/11/08	01:00:00	
17	940364L		0		1.0	08/11/08	01:06:00	
18	CCV2		0		1.0	08/11/08	01:12:00	
19	CCB2		0		1.0	08/11/08	01:18:00	
20	940364MS		0		1.0	08/11/08	01:24:00	
21	940364A		0		1.0	08/11/08	01:30:00	
22	940360		0		1.0	08/11/08	01:36:00	
23	940361		0		1.0	08/11/08	01:42:00	
24	940362		0		1.0	08/11/08	01:48:00	
25	940363		0		1.0	08/11/08	01:53:00	
26	940365		0		1.0	08/11/08	01:59:00	
27	940366		0		1.0	08/11/08	02:05:00	
28	940367		0		1.0	08/11/08	02:11:00	
29	940368		0		1.0	08/11/08	02:17:00	
30	CCV3		0		1.0	08/11/08	02:23:00	
31	CCB3		0		1.0	08/11/08	02:29:00	
32	940369		0		1.0	08/11/08	02:35:00	
33	940390		0		1.0	08/11/08	02:41:00	
34	940815		0		1.0	08/11/08	02:47:00	
35	939544D		0		1.0	08/11/08	02:53:00	
36	939544		0		1.0	08/11/08	02:59:00	
37	939544L		0		1.0	08/11/08	03:05:00	
38	939544MS		0		1.0	08/11/08	03:11:00	
39	939544A		0		1.0	08/11/08	03:17:00	
40	939545		0		1.0	08/11/08	03:23:00	
41	939546		0		1.0	08/11/08	03:29:00	
42	CCV4		0		1.0	08/11/08	03:35:00	
43	CCB4		0		1.0	08/11/08	03:40:00	
44	939547		0		1.0	08/11/08	03:46:00	
45	ICSA2		0		1.0	08/11/08	03:52:00	
46	ICSAB2		0		1.0	08/11/08	03:58:00	
47	CCV5		0		1.0	08/11/08	04:04:00	
48	CCB5		0		1.0	08/11/08	04:10:00	

ELEMENTS:
AlAsBaBeCd
CaCrCoCuFe
MgMnNiKAg
NaTlVZnPbSe
SbBMoSnTi

Continued on Page

Read and Understood By

Michael Robichaud 08/14/08
Signed Date

Signed 8-15-08
Date

Batch # 24953 HG1
Date: 08-08-08
Method: 7470A

File : 24953HG1.WSL

Instrument Leeman 5

File Record	Laboratory Sample Name	Customer/EPA Sample Name	Type	Matrix	Dil.	Date	Time	Flags
1	STD01		3		1.0	08/08/08	08:58:30	
2	STD02		3		1.0	08/08/08	09:00:34	
3	STD03		3		1.0	08/08/08	09:02:23	
4	STD04		3		1.0	08/08/08	09:04:14	
5	STD05		3		1.0	08/08/08	09:06:06	
6	STD06		3		1.0	08/08/08	09:08:41	
7	AICV/ACCV1		0		1.0	08/08/08	09:14:03	
8	ICB/CCB1		0		1.0	08/08/08	09:15:55	
9	PBW080808		0		1.0	08/08/08	09:17:47	
10	LCSW		0		1.0	08/08/08	09:19:39	
11	940364		0		1.0	08/08/08	09:21:27	
12	940364D		0		1.0	08/08/08	09:23:29	
13	940364MS		0		1.0	08/08/08	09:25:31	
14	940360		0		1.0	08/08/08	09:27:43	
15	940361		0		1.0	08/08/08	09:29:34	
16	940362		0		1.0	08/08/08	09:32:05	
17	ACCV2		0		1.0	08/08/08	09:33:53	
18	CCB2		0		1.0	08/08/08	09:36:11	
19	940363		0		1.0	08/08/08	09:38:52	
20	940365		0		1.0	08/08/08	09:40:44	
21	940366		0		1.0	08/08/08	09:42:49	
22	940367		0		1.0	08/08/08	09:45:32	
23	940368		0		1.0	08/08/08	09:47:31	
24	940369		0		1.0	08/08/08	09:49:22	
25	940390		0		1.0	08/08/08	09:51:25	
26	ACCV3		0		1.0	08/08/08	09:53:23	
27	CCB3		0		1.0	08/08/08	09:55:14	

Continued on Page

Read and Understood By

Sill Sequence Analysis 8-11-08 [signature] 8-12-08

TestAmerica EDISON
METALS PREPARATION LOGBOOK

Batch: 24953
Spike Sources/Lot #
MS/BS: 2ml ICP SPK MPS112
LCS: 2ml ICP SPK MPS 112
Filter Paper: Manuf.: **Whatman**
Lot #: J1126105I

Prep Date: 8-8-08
Reagent Sources/Lot #
HNO_3: G17026
HCl: NA
H_2O_2: NA
1:1HNO_3: NA
1:1HCl: MPR095

Matrix: Water
Hot ~~plate~~ / block temperature: 95 °C
Balance #:
Sample Cups:
Manuf.: **Fisher**
Lot #: A803LS180

Method (circle one): ICP / 200.7 / (3010A) / 3050B / CLP / 200.7 DW / Other: SW846
Furnace / 200.9 / 3020A / 3050B / CLP / 200.9 DW / Other:

	Job No.	Sample No.	Init Wgt (~~g~~)/ Vol (ml)	Final Vol (ml)	(√) if filtered	Comments
1	X765	940360	100	100		
2	↓	940361	100	100	✓	
3		940362	100	100		
4		940363	100	100		
5		940364	100	100		
6		940365	100	100	✓	
7		940366	100	100		
8		940367	100	100		
9		940368	100	100		
10	↓	940369	100	100	✓	
11	X829	940390	100	100		
12	X899	940815	100	100		
13	X685	939544	100	100		
14	↓	939545	100	100		
15		939546	100	100		
16	↓	939547	100	100		
17						
18						
19						
20						
MS	X765	940364	100	100		
DUP	↓	940364	100	100		
MS	X685	939544	100	100		
DUP	↓	939544	100	100		
BS						
PBLK		24953	100	100	✓	
LCSW/LCSS		24953	100	100	✓	
LCSSD						

Analyst(s): oinyang
Form ID:METPRLOG1

Reviewed by:

TestAmerica Edison
Mercury Preparation Logbook

Batch: 24953 **Prep Date:** 8-8-08

Spike Sources/Lot # MS/LCSW~~BS~~: 1ml HGDCI0522

Reagent Sources/Lot #: H_2SO_4: E44F05 HNO_3: E20033

$KMnO_4$: HgR0899 $K_2S_2O_8$: ~~Hg~~ R0&900

$NaCl/NH_2OH{\cdot}HCL$ ~~Hg~~ R0901

Bath Temp 95°c Start Time: 6:45 End Time: 8:45

Matrix (circle one): / (Water) / TCLP / Other: _____

Method (circle one): / 245.1 (7470 A) CLP / 245.1DW Other _____

	Job	Sample	Initial Vol (ml)	Final Vol (ml)	Comments
1	X765	940360	100	100	
2		940361	100	100	
3		940362	100	100	
4		940363	100	100	
5		940364	100	100	
6		940365	100	100	
7		940366	100	100	
8		940367	100	100	
9		940368	100	100	
10	↓	940369	100	100	
11	X829	940390	100	100	
12			100	100	
13			100	100	
14			100	100	
15			100	100	
16			100	100	
17			100	100	
18			100	100	
19			100	100	
20			100	100	
MS	X765	940364	100	100	
DUP	↓	↓	100	100	
PBLK		24953	100	100	
LCSW		↓	100	100	
BS		NA	NA	NA	

Analyst(s): S.U. Sanagavarapu Reviewed by: [signature]

Form ID:HGPRLOGW

This is the Last Page of the Document

Dec 12, 2008

Conestoga, Rovers & Associates
2055 Niagara Falls Blvd.
Suite 3
Niagara Falls, NY 14304

Attention: Ms. Susan Scrocchi

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. C298 - GM Wilmington-17338

Dear Ms. Scrocchi:

Enclosed are the results you requested for the following sample(s) received at our laboratory on November 21, 2008.

Lab No.	Client ID	Analysis Required
968664	GW-17338-112008-01	TCL VOA+10
		TCL BNA+20
		TAL Metals
968665	RB-17338-112008-02	TCL VOA+10
		TCL BNA+20
		TAL Metals
968666	GW-17338-112008-03	TCL VOA+10
		TCL BNA+20
		TAL Metals
968667	GW-17338-112008-04	TCL VOA+10
		TCL BNA+20
		TAL Metals
968668	GW-17338-112008-05	TCL VOA+10
		TCL BNA+20
		TAL Metals

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. C298 - GM Wilmington-17338 (cont'd)

Lab No.	Client ID	Analysis Required
968669	Trip_Blank	TCL VOA+10

This report is not to be reproduced, except in full, without the written approval of the laboratory.

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Joy Kelly
Project Manager

Analytical Results Summary **1**

General Information **34**
Chain of Custody 34
Laboratory Chronicles 36
Methodology Review 44
Data Reporting Qualifiers 48
Non-Conformance Summary 51

GC/ MS Forms and Data (Volatiles) **54**
Results Summary and Chromatograms 54
Tuning Results Summary 93
Method Blank Results Summary 102
Calibration Summary 111
Surrogate Compound Recovery Summary 176
Spike Recovery Summary 178
Internal Standard Area and RT Summary 193
Injection Log Book 195

GC/ MS Forms and Data (Semivolatiles) **200**
Results Summary and Chromatograms 200
Tuning Results Summary 285
Method Blank Results Summary 296
Calibration Summary 313
Surrogate Compound Recovery Summary 364
Spike Recovery Summary 366
Internal Standard Area and RT Summary 381
Injection Log Book 385

Metals Forms and Data **389**
Analytical Results Summary 389
Blank Results Summary 395
Calibration Summary 398
ICP Interference Check Results Summary 402
Spike Sample Recovery Summary 404
Sample and MS Duplicate Results Summary 407
Laboratory Control Samples Results Summary 410
Serial Dilution Summary 412
Analysis Run Log 415
Raw Data 421

This is the Last Page of the Document **548**

Analytical Results Summary

Client ID: **17338-112008-01**
Site: GM Wilmington-17338

Lab Sample No: **968664**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/24/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d04998.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	3.9	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	0.4J	5.0
Chlorobenzene	3.3J	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0
Xylene (Total)	ND	5.0

Client ID: **17338-112008-01**
Site: GM Wilmington-17338

Lab Sample No: **968664**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/24/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d04998.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	C7H14 Cycloalkane	5.08	19	
2.	C8H16 Cycloalkane	6.26	13	
3.	Indane	10.33	150	
4.	Diethylbenzene isomer	10.38	24	
5.	Ethyldimethylbenzene isomer	10.68	130	
6.	2,3-dihydro-methyl-1H-Indene isomer	10.75	16	
7.	Tetramethylbenzene isomer	10.97	100	
8.	2,3-dihydro-methyl-1H-Indene isomer	11.29	140	
9.	Tetrahydromethylnaphthalene isomer	11.60	11	
10.	Naphthalene	11.82	63	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 666

Client ID: **17338-112008-02**
Site: GM Wilmington-17338

Lab Sample No: **968665**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/24/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d04999.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	0.6J	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0
Xylene (Total)	ND	5.0

Client ID: **17338-112008-02**
Site: GM Wilmington-17338

Lab Sample No: **968665**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/24/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d04999.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **17338-112008-03**
Site: GM Wilmington-17338

Lab Sample No: **968666**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/24/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d05000.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0
Xylene (Total)	ND	5.0

Client ID: **17338-112008-03**
Site: GM Wilmington-17338

Lab Sample No: **968666**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/24/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d05000.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **17338-112008-04**
Site: GM Wilmington-17338

Lab Sample No: **968667**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/25/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d05001.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0
Xylene (Total)	ND	5.0

Client ID: **17338-112008-04**
Site: GM Wilmington-17338

Lab Sample No: **968667**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/25/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d05001.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 0.0

Client ID: **17338-112008-05**
Site: GM Wilmington-17338

Lab Sample No: **968668**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/25/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d05002.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0
Xylene (Total)	ND	5.0

Client ID: **17338-112008-05**
Site: GM Wilmington-17338

Lab Sample No: **968668**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/25/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d05002.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 0.0

Client ID: **Trip_Blank**
Site: GM Wilmington-17338

Lab Sample No: **968669**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/24/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d04997.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0
Xylene (Total)	ND	5.0

Client ID: **Trip_Blank**
Site: GM Wilmington-17338

Lab Sample No: **968669**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Analyzed: 11/24/08
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d04997.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **17338-112008-01**
Site: GM Wilmington-17338

Lab Sample No: **968664**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38348.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	43	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	0.4J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	0.8J	10
Dibenzofuran	0.3J	10
2,4-Dinitrotoluene	ND	2.0

Client ID: **17338-112008-01**
Site: GM Wilmington-17338

Lab Sample No: **968664**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38348.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	0.4J	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	0.8JB	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **17338-112008-01**
Site: GM Wilmington-17338

Lab Sample No: **968664**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38348.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Unknown	4.31	14	
2.	C9H10 Aromatic	7.80	62	
3.	Diethylbenzene isomer	7.93	18	
4.	Unknown	8.18	12	
5.	Ethyldimethylbenzene isomer	8.25	74	
6.	Tetramethylbenzene isomer	8.57	43	
7.	Unknown	8.95	56	
8.	Phenol, 4,4'-(1-methylethylidene)bis-	16.17	150	
9.	Unknown	21.65	38	
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	467

Client ID: **17338-112008-02**
Site: GM Wilmington-17338

Lab Sample No: **968665**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38351.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	2.1

Client ID: **17338-112008-02**
Site: GM Wilmington-17338

Lab Sample No: **968665**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38351.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	0.8JB	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **17338-112008-02**
Site: GM Wilmington-17338

Lab Sample No: **968665**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38351.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **17338-112008-03**
Site: GM Wilmington-17338

Lab Sample No: **968666**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38352.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	2.0

Client ID: **17338-112008-03**
Site: GM Wilmington-17338

Lab Sample No: **968666**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38352.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	0.8JB	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **17338-112008-03**
Site: GM Wilmington-17338

Lab Sample No: **968666**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38352.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **17338-112008-04**
Site: GM Wilmington-17338

Lab Sample No: **968667**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38353.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	2.0

Client ID: **17338-112008-04**
Site: GM Wilmington-17338

Lab Sample No: **968667**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38353.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	0.8JB	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	0.3J	10
Atrazine	ND	10

Client ID: **17338-112008-04**
Site: GM Wilmington-17338

Lab Sample No: **968667**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38353.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **17338-112008-05**
Site: GM Wilmington-17338

Lab Sample No: **968668**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38354.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	2.0

Client ID: **17338-112008-05**
Site: GM Wilmington-17338

Lab Sample No: **968668**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38354.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	0.7JB	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **17338-112008-05**
Site: GM Wilmington-17338

Lab Sample No: **968668**
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08
Date Extracted: 11/24/08
Date Analyzed: 11/26/08
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s38354.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **17338-112008-01**
Site: **GM Wilmington-17338**

Lab Sample No: 968664
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	946	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	529	1.7		P
Beryllium	ND	0.30		P
Cadmium	ND	0.40		P
Calcium	53800	42.5		P
Chromium	ND	1.6		P
Cobalt	17.8	1.7	B	P
Copper	ND	3.7		P
Iron	72700	39.2		P
Lead	ND	2.7		P
Magnesium	37500	41.6		P
Manganese	1870	1.2		P
Mercury	ND	0.10		CV
Nickel	ND	2.4		P
Potassium	3780	315	B	P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	101000	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **17338-112008-02**
Site: **GM Wilmington-17338**

Lab Sample No: 968665
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	ND	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	ND	1.7		P
Beryllium	0.35	0.30	B	P
Cadmium	ND	0.40		P
Calcium	71.9	42.5	B	P
Chromium	ND	1.6		P
Cobalt	ND	1.7		P
Copper	ND	3.7		P
Iron	ND	39.2		P
Lead	ND	2.7		P
Magnesium	ND	41.6		P
Manganese	ND	1.2		P
Mercury	ND	0.10		CV
Nickel	ND	2.4		P
Potassium	ND	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	428	396	B	P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	6.8	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **17338-112008-03**
Site: **GM Wilmington-17338**

Lab Sample No: 968666
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1460	62.6		P
Antimony	6.7	5.8	B	P
Arsenic	ND	3.2		P
Barium	287	1.7		P
Beryllium	0.38	0.30	B	P
Cadmium	ND	0.40		P
Calcium	58500	42.5		P
Chromium	3.3	1.6	B	P
Cobalt	ND	1.7		P
Copper	ND	3.7		P
Iron	5030	39.2		P
Lead	ND	2.7		P
Magnesium	28200	41.6		P
Manganese	627	1.2		P
Mercury	0.29	0.10		CV
Nickel	4.6	2.4	B	P
Potassium	9190	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	153000	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	14.0	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **17338-112008-04**
Site: **GM Wilmington-17338**

Lab Sample No: 968667
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1470	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	287	1.7		P
Beryllium	0.50	0.30	B	P
Cadmium	ND	0.40		P
Calcium	58300	42.5		P
Chromium	3.6	1.6	B	P
Cobalt	ND	1.7		P
Copper	ND	3.7		P
Iron	5570	39.2		P
Lead	ND	2.7		P
Magnesium	28200	41.6		P
Manganese	619	1.2		P
Mercury	0.28	0.10		CV
Nickel	4.3	2.4	B	P
Potassium	9150	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	152000	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	15.5	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **17338-112008-05**
Site: **GM Wilmington-17338**

Lab Sample No: 968668
Lab Job No: C298

Date Sampled: 11/20/08
Date Received: 11/21/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: uq/l	Instrument Detection Limit	Qual	M
Aluminum	1620	62.6		P
Antimony	ND	5.8		P
Arsenic	4.8	3.2	B	P
Barium	221	1.7		P
Beryllium	0.31	0.30	B	P
Cadmium	ND	0.40		P
Calcium	40900	42.5		P
Chromium	1.7	1.6	B	P
Cobalt	2.3	1.7	B	P
Copper	ND	3.7		P
Iron	6850	39.2		P
Lead	3.5	2.7	B	P
Magnesium	11800	41.6		P
Manganese	496	1.2		P
Mercury	ND	0.10		CV
Nickel	ND	2.4		P
Potassium	4950	315	B	P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	80600	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	6.8	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Mar 18, 2009

Conestoga, Rovers & Associates
2055 Niagara Falls Blvd.
Suite 3
Niagara Falls, NY 14304

Attention: Ms. Susan Scrocchi

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. F228 - GM Wilmington-17338

Dear Ms. Scrocchi:

Enclosed are the results you requested for the following sample(s) received at our laboratory on February 24, 2009.

Lab No.	Client ID	Analysis Required
985877	GW-017338-022309-001	TCL VOA+10 TCL BNA+20 TAL Metals
985878	GW-017338-022309-002	TCL VOA+10 TCL BNA+20 TAL Metals
985879	GW-017338-022409-003	TCL VOA+10 TCL BNA+20 TAL Metals
985880	GW-017338-022409-004	TCL VOA+10 TCL BNA+20 TAL Metals
985881	GW-017338-022409-005	TCL VOA+10 TCL BNA+20 TAL Metals
985882	GW-017338-022409-006	TCL VOA+10 TCL BNA+20 TAL Metals
985883	GW-017338-022409-007	TCL VOA+10 TCL BNA+20 TAL Metals
985884	GW-017338-022409-008	TCL VOA+10 TCL BNA+20

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. F228 - GM Wilmington-17338 (cont'd)

Lab No.	Client ID	Analysis Required
		TAL Metals
985885	GW-017338-022409-009	TCL VOA+10
		TCL BNA+20
		TAL Metals
985886	GW-017338-022409-010	TCL VOA+10
		TCL BNA+20
		TAL Metals
985887	GW-017338-022409-011	TCL VOA+10
		TCL BNA+20
		TAL Metals
985888	GW-017338-022409-012	TCL VOA+10
		TCL BNA+20
		TAL Metals
985889	EB-017338-022409-013	TCL BNA+20
		TAL Metals
985890	TB--017338-022409-001	TCL VOA+10
986108	GW-017338-022509-014	TCL VOA+10
		TCL BNA+20
		TAL Metals
986109	GW-017338-022509-015	TCL VOA+10
		TCL BNA+20
		TAL Metals

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. F228 - GM Wilmington-17338 (cont'd)

Lab No.	Client ID	Analysis Required
986110	GW-017338-022509-016	TCL VOA+10 TCL BNA+20 TAL Metals
986111	GW-017338-022509-017	TCL VOA+10 TCL BNA+20 TAL Metals
986112	GW-017338-022509-018	TCL VOA+10 TCL BNA+20 TAL Metals
986113	GW-017338-022509-019	TCL VOA+10 TCL BNA+20 TAL Metals
986114	TB-017338-022509-002	TCL VOA+10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. F228 - GM Wilmington-17338 (cont'd)

Lab No.	Client ID	Analysis Required
986152	EB-017338-022409-013V	TCL VOA+10

This report is not to be reproduced, except in full, without the written approval of the laboratory.

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Joy Kelly
Project Manager

Analytical Results Summary **1**

General Information **145**
Chain of Custody 145
Laboratory Chronicles 150
Methodology Review 172
Data Reporting Qualifiers 176
Non-Conformance Summary 179

GC/MS Forms and Data (Volatiles) **182**
Results Summary and Chromatograms 182
Tuning Results Summary 521
Method Blank Results Summary 542
Calibration Summary 575
Surrogate Compound Recovery Summary 683
Spike Recovery Summary 686
Internal Standard Area and RT Summary 725
Injection Log Book 730

GC/MS Forms and Data (Semivolatiles) **739**
Results Summary and Chromatograms 739
Tuning Results Summary 1070
Method Blank Results Summary 1091
Calibration Summary 1099
Surrogate Compound Recovery Summary 1171
Spike Recovery Summary 1173
Internal Standard Area and RT Summary 1188
Injection Log Book 1196

Metals Forms and Data **1202**
Analytical Results Summary 1202
Blank Results Summary 1222
Calibration Summary 1227
ICP Interference Check Results Summary 1233
Spike Sample Recovery Summary 1237
Sample and MS Duplicate Results Summary 1239
Laboratory Control Samples Results Summary 1241
Serial Dilution Summary 1243
Analysis Run Log 1245
Raw Data 1253

This is the Last Page of the Document **1433**

Analytical Results Summary

Client ID: **022309-001**
Site: GM Wilmington-17338

Lab Sample No: **985877**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06597.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	0.5J	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	ND	1.0
Styrene	ND	1.0

Client ID: **022309-001**
Site: GM Wilmington-17338

Lab Sample No: **985877**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06597.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	3.0
Freon TF	ND	1.0
MTBE	ND	1.0
Cyclohexane	ND	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	0.2J	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	ND	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	ND	1.0

Client ID: **022309-001**
Site: GM Wilmington-17338

Lab Sample No: **985877**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06597.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022309-002**
Site: GM Wilmington-17338

Lab Sample No: **985878**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06598.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	0.3J	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	0.8J	1.0
Chlorobenzene	0.3J	1.0
Ethylbenzene	0.2J	1.0
Styrene	ND	1.0

Client ID: **022309-002**
Site: GM Wilmington-17338

Lab Sample No: **985878**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06598.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	0.3J	3.0
Freon TF	ND	1.0
MTBE	ND	1.0
Cyclohexane	ND	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	0.2J	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	ND	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	ND	1.0

Client ID: **022309-002**
Site: GM Wilmington-17338

Lab Sample No: **985878**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06598.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022409-003**
Site: GM Wilmington-17338

Lab Sample No: **985879**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06599.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	3.8	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	0.4J	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	ND	1.0
Styrene	ND	1.0

Client ID: **022409-003**
Site: GM Wilmington-17338

Lab Sample No: **985879**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06599.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	3.0
Freon TF	ND	1.0
MTBE	ND	1.0
Cyclohexane	ND	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	ND	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	ND	1.0

Client ID: **022409-003**
Site: GM Wilmington-17338

Lab Sample No: **985879**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06599.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022409-004**
Site: GM Wilmington-17338

Lab Sample No: **985880**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06596.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	2.0
Bromomethane	ND	2.0
Vinyl Chloride	ND	2.0
Chloroethane	ND	2.0
Methylene Chloride	ND	2.0
Acetone	ND	20
Carbon Disulfide	ND	2.0
Trichlorofluoromethane	ND	2.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	2.0
trans-1,2-Dichloroethene	ND	2.0
cis-1,2-Dichloroethene	ND	2.0
Chloroform	ND	2.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	20
1,1,1-Trichloroethane	ND	2.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	2.0
1,2-Dichloropropane	ND	2.0
cis-1,3-Dichloropropene	ND	2.0
Trichloroethene	ND	2.0
Dibromochloromethane	ND	2.0
1,1,2-Trichloroethane	ND	2.0
Benzene	12	2.0
trans-1,3-Dichloropropene	ND	2.0
Bromoform	ND	2.0
4-Methyl-2-Pentanone	ND	20
2-Hexanone	ND	20
Tetrachloroethene	0.8J	2.0
1,1,2,2-Tetrachloroethane	ND	2.0
Toluene	ND	2.0
Chlorobenzene	290	2.0
Ethylbenzene	ND	2.0
Styrene	ND	2.0

Client ID: **022409-004**
Site: GM Wilmington-17338

Lab Sample No: **985880**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06596.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	6.0
Freon TF	ND	2.0
MTBE	ND	2.0
Cyclohexane	ND	2.0
1,2-Dibromoethane	ND	2.0
1,3-Dichlorobenzene	7.4	2.0
1,4-Dichlorobenzene	120	2.0
1,2-Dichlorobenzene	89	2.0
Dichlorodifluoromethane	ND	2.0
1,2,4-Trichlorobenzene	22	2.0
1,2-Dibromo-3-chloropropane	ND	2.0
Isopropylbenzene	ND	2.0
Methyl Acetate	ND	2.0
Methyl Cyclohexane	ND	2.0

Client ID: **022409-004**
Site: GM Wilmington-17338

Lab Sample No: **985880**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06596.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022409-005**
Site: GM Wilmington-17338

Lab Sample No: **985881**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06604.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	0.4J	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	0.3J	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	3.0	1.0
Styrene	ND	1.0

Client ID: **022409-005**
Site: GM Wilmington-17338

Lab Sample No: **985881**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06604.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	2.5J	3.0
Freon TF	ND	1.0
MTBE	1.8	1.0
Cyclohexane	0.4J	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	0.2J	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	2.6	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	0.5J	1.0

Client ID: **022409-005**
Site: GM Wilmington-17338

Lab Sample No: **985881**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06604.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Diisopropyl ether	3.20	13	
2.	Indane	10.30	5.2	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	18

Client ID: **022409-006**
Site: GM Wilmington-17338

Lab Sample No: **985882**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06605.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	0.5J	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	14	1.0
Styrene	ND	1.0

Client ID: **022409-006**
Site: GM Wilmington-17338

Lab Sample No: **985882**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06605.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	9.3	3.0
Freon TF	ND	1.0
MTBE	0.4J	1.0
Cyclohexane	ND	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	66	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	0.3J	1.0

Client ID: **022409-006**
Site: GM Wilmington-17338

Lab Sample No: **985882**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06605.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Benzene, propyl-	9.42	40	
2.	Trimethylbenzene isomer	9.59	18	
3.	Trimethylbenzene isomer	9.89	39	
4.	C9H10 Aromatic	10.30	210	
5.	Diethylbenzene isomer	10.35	37	
6.	Ethyldimethylbenzene isomer	10.65	31	
7.	Tetramethylbenzene isomer	10.94	34	
8.	2,3-dihydro-methyl-1H-Indene isomer	11.26	61	
9.	C10H10 Aromatic	11.46	17	
10.	Naphthalene	11.80	74	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 561

Client ID: **022409-007**
Site: GM Wilmington-17338

Lab Sample No: **985883**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06606.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	0.4J	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	ND	1.0
Styrene	ND	1.0

Client ID: **022409-007**
Site: GM Wilmington-17338

Lab Sample No: **985883**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06606.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	0.2J	3.0
Freon TF	ND	1.0
MTBE	0.4J	1.0
Cyclohexane	ND	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	ND	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	ND	1.0

Client ID: **022409-007**
Site: GM Wilmington-17338

Lab Sample No: **985883**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06606.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022409-008**
Site: GM Wilmington-17338

Lab Sample No: **985884**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06607.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	0.2J	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	0.4J	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	0.7J	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	ND	1.0
Styrene	ND	1.0

Client ID: **022409-008**
Site: GM Wilmington-17338

Lab Sample No: **985884**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06607.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	0.2J	3.0
Freon TF	ND	1.0
MTBE	ND	1.0
Cyclohexane	ND	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	ND	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	ND	1.0

Client ID: **022409-008**
Site: GM Wilmington-17338

Lab Sample No: **985884**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06607.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022409-009**
Site: GM Wilmington-17338

Lab Sample No: **985885**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06608.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	2.9	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	1.0
Chlorobenzene	2.9	1.0
Ethylbenzene	ND	1.0
Styrene	ND	1.0

Client ID: **022409-009**
Site: GM Wilmington-17338

Lab Sample No: **985885**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06608.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	0.5J	3.0
Freon TF	ND	1.0
MTBE	6.3	1.0
Cyclohexane	3.1	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	5.9	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	11	1.0

Client ID: **022409-009**
Site: GM Wilmington-17338

Lab Sample No: **985885**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06608.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Indane	10.30	130	
2. Diethylbenzene isomer	10.35	28	
3. Ethyldimethylbenzene isomer	10.65	120	
4. C10H12 Aromatic	10.68	9.8	
5. C10H12 Aromatic	10.72	19	
6. Tetramethylbenzene isomer	10.95	100	
7. C10H12 Aromatic	11.26	150	
8. C11H16 Aromatic	11.49	14	
9. Coeluting Aromatics	11.57	12	
10. Naphthalene	11.80	52	
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	635

Client ID: **022409-010**
Site: GM Wilmington-17338

Lab Sample No: **985886**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06609.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	2.1	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	31	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	69	1.0
Styrene	ND	1.0

Client ID: **022409-010**
Site: GM Wilmington-17338

Lab Sample No: **985886**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06609.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	320	3.0
Freon TF	ND	1.0
MTBE	0.5J	1.0
Cyclohexane	18	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	95	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	31	1.0

Client ID: **022409-010**
Site: GM Wilmington-17338

Lab Sample No: **985886**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06609.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Diisopropyl ether	3.20	32	
2. Benzene, propyl-	9.42	48	
3. C9H10 Aromatic	10.30	20	
4. Ethyldimethylbenzene isomer	10.65	22	
5. C10H12 Aromatic	10.72	14	
6. Tetramethylbenzene isomer	10.94	14	
7. C10H12 Aromatic	11.26	32	
8. C11H14 Aromatic	11.52	7.9	
9. 2,3-dihydro-dimethyl-1H-Indene isomer	11.57	10	
10. Naphthalene	11.80	9.6	
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		210	

Client ID: **022409-011**
Site: GM Wilmington-17338

Lab Sample No: **985887**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06622.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	2.0
Bromomethane	ND	2.0
Vinyl Chloride	ND	2.0
Chloroethane	ND	2.0
Methylene Chloride	ND	2.0
Acetone	ND	20
Carbon Disulfide	ND	2.0
Trichlorofluoromethane	ND	2.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	2.0
trans-1,2-Dichloroethene	ND	2.0
cis-1,2-Dichloroethene	ND	2.0
Chloroform	ND	2.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	20
1,1,1-Trichloroethane	ND	2.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	2.0
1,2-Dichloropropane	ND	2.0
cis-1,3-Dichloropropene	ND	2.0
Trichloroethene	ND	2.0
Dibromochloromethane	ND	2.0
1,1,2-Trichloroethane	ND	2.0
Benzene	0.9J	2.0
trans-1,3-Dichloropropene	ND	2.0
Bromoform	ND	2.0
4-Methyl-2-Pentanone	ND	20
2-Hexanone	ND	20
Tetrachloroethene	ND	2.0
1,1,2,2-Tetrachloroethane	ND	2.0
Toluene	130	2.0
Chlorobenzene	ND	2.0
Ethylbenzene	78	2.0
Styrene	ND	2.0

Client ID: **022409-011**
Site: GM Wilmington-17338

Lab Sample No: **985887**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06622.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	300	6.0
Freon TF	ND	2.0
MTBE	ND	2.0
Cyclohexane	9.7	2.0
1,2-Dibromoethane	ND	2.0
1,3-Dichlorobenzene	ND	2.0
1,4-Dichlorobenzene	ND	2.0
1,2-Dichlorobenzene	ND	2.0
Dichlorodifluoromethane	ND	2.0
1,2,4-Trichlorobenzene	ND	2.0
1,2-Dibromo-3-chloropropane	ND	2.0
Isopropylbenzene	210	2.0
Methyl Acetate	ND	2.0
Methyl Cyclohexane	18	2.0

Client ID: **022409-011**
Site: GM Wilmington-17338

Lab Sample No: **985887**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06622.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	C9H12 Aromatic	9.42	310	
2.	C9H12 Aromatic	9.52	85	
3.	C9H12 Aromatic	9.89	120	
4.	C9H10 Aromatic	10.30	470	
5.	C10H14 Aromatic	10.35	63	
6.	C10H14 Aromatic	10.65	150	
7.	C10H14 Aromatic	10.95	100	
8.	C10H12 Aromatic	11.13	97	
9.	C10H12 Aromatic	11.26	340	
10.	Naphthalene	11.80	60	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				
	TOTAL ESTIMATED CONCENTRATION		1795	

Client ID: **022409-012**
Site: GM Wilmington-17338

Lab Sample No: **985888**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06623.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	2.0
Bromomethane	ND	2.0
Vinyl Chloride	ND	2.0
Chloroethane	ND	2.0
Methylene Chloride	ND	2.0
Acetone	ND	20
Carbon Disulfide	ND	2.0
Trichlorofluoromethane	ND	2.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	2.0
trans-1,2-Dichloroethene	ND	2.0
cis-1,2-Dichloroethene	ND	2.0
Chloroform	ND	2.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	20
1,1,1-Trichloroethane	ND	2.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	2.0
1,2-Dichloropropane	ND	2.0
cis-1,3-Dichloropropene	ND	2.0
Trichloroethene	ND	2.0
Dibromochloromethane	ND	2.0
1,1,2-Trichloroethane	ND	2.0
Benzene	0.9J	2.0
trans-1,3-Dichloropropene	ND	2.0
Bromoform	ND	2.0
4-Methyl-2-Pentanone	ND	20
2-Hexanone	ND	20
Tetrachloroethene	ND	2.0
1,1,2,2-Tetrachloroethane	ND	2.0
Toluene	150	2.0
Chlorobenzene	ND	2.0
Ethylbenzene	88	2.0
Styrene	ND	2.0

Client ID: **022409-012**
Site: GM Wilmington-17338

Lab Sample No: **985888**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06623.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	340	6.0
Freon TF	ND	2.0
MTBE	ND	2.0
Cyclohexane	9.6	2.0
1,2-Dibromoethane	ND	2.0
1,3-Dichlorobenzene	ND	2.0
1,4-Dichlorobenzene	ND	2.0
1,2-Dichlorobenzene	ND	2.0
Dichlorodifluoromethane	ND	2.0
1,2,4-Trichlorobenzene	ND	2.0
1,2-Dibromo-3-chloropropane	ND	2.0
Isopropylbenzene	230	2.0
Methyl Acetate	ND	2.0
Methyl Cyclohexane	17	2.0

Client ID: **022409-012**
Site: GM Wilmington-17338

Lab Sample No: **985888**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06623.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	C9H12 Aromatic	9.43	340	
2.	C9H12 Aromatic	9.52	94	
3.	C9H12 Aromatic	9.89	140	
4.	C9H10 Aromatic	10.31	520	
5.	C10H14 Aromatic	10.36	71	
6.	C10H14 Aromatic	10.65	170	
7.	C10H14 Aromatic	10.95	120	
8.	C10H12 Aromatic	11.13	110	
9.	C10H12 Aromatic	11.26	390	
10.	Naphthalene	11.80	69	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 2024

Client ID: **022409-001**
Site: GM Wilmington-17338

Lab Sample No: **985890**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06603.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	1.5	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	ND	1.0
Styrene	ND	1.0

Client ID: **022409-001**
Site: GM Wilmington-17338

Lab Sample No: **985890**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06603.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	3.0
Freon TF	ND	1.0
MTBE	ND	1.0
Cyclohexane	ND	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	ND	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	ND	1.0

Client ID: **022409-001**
Site: GM Wilmington-17338

Lab Sample No: **985890**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/24/09
Date Analyzed: 02/27/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06603.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022509-014**
Site: GM Wilmington-17338

Lab Sample No: **986108**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06627.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	2.0
Bromomethane	ND	2.0
Vinyl Chloride	ND	2.0
Chloroethane	ND	2.0
Methylene Chloride	ND	2.0
Acetone	ND	20
Carbon Disulfide	ND	2.0
Trichlorofluoromethane	ND	2.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	2.0
trans-1,2-Dichloroethene	ND	2.0
cis-1,2-Dichloroethene	ND	2.0
Chloroform	ND	2.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	20
1,1,1-Trichloroethane	ND	2.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	2.0
1,2-Dichloropropane	ND	2.0
cis-1,3-Dichloropropene	ND	2.0
Trichloroethene	ND	2.0
Dibromochloromethane	ND	2.0
1,1,2-Trichloroethane	ND	2.0
Benzene	320	2.0
trans-1,3-Dichloropropene	ND	2.0
Bromoform	ND	2.0
4-Methyl-2-Pentanone	ND	20
2-Hexanone	ND	20
Tetrachloroethene	ND	2.0
1,1,2,2-Tetrachloroethane	ND	2.0
Toluene	0.9J	2.0
Chlorobenzene	ND	2.0
Ethylbenzene	52	2.0
Styrene	ND	2.0

Client ID: **022509-014**
Site: GM Wilmington-17338

Lab Sample No: **986108**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06627.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	330	6.0
Freon TF	ND	2.0
MTBE	37	2.0
Cyclohexane	26	2.0
1,2-Dibromoethane	ND	2.0
1,3-Dichlorobenzene	ND	2.0
1,4-Dichlorobenzene	ND	2.0
1,2-Dichlorobenzene	ND	2.0
Dichlorodifluoromethane	ND	2.0
1,2,4-Trichlorobenzene	ND	2.0
1,2-Dibromo-3-chloropropane	ND	2.0
Isopropylbenzene	110	2.0
Methyl Acetate	ND	2.0
Methyl Cyclohexane	49	2.0

Client ID: **022509-014**
Site: GM Wilmington-17338

Lab Sample No: **986108**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06627.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Unknown	3.20	26	
2.	C9H12 Aromatic	9.43	63	
3.	C9H12 Aromatic	9.89	26	
4.	C9H12 Aromatic	10.21	23	
5.	C9H10 Aromatic	10.30	54	
6.	C10H14 Aromatic	10.65	47	
7.	C10H14 Aromatic	10.94	37	
8.	C10H14 Aromatic	10.98	48	
9.	C10H12 Aromatic	11.26	67	
10.	Naphthalene	11.80	100	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	491

Client ID: **022509-015**
Site: GM Wilmington-17338

Lab Sample No: **986109**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/05/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06772.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	5.0
Acetone	ND	50
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	5.0
2-Butanone	ND	50
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	5.0
Bromodichloromethane	ND	5.0
1,2-Dichloropropane	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
Benzene	2.3J	5.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	5.0
4-Methyl-2-Pentanone	ND	50
2-Hexanone	ND	50
Tetrachloroethene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
Toluene	ND	5.0
Chlorobenzene	*	5.0
Ethylbenzene	ND	5.0
Styrene	ND	5.0

*See Dilution

Client ID: **022509-015**
Site: GM Wilmington-17338

Lab Sample No: **986109**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/05/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06772.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	15
Freon TF	ND	5.0
MTBE	ND	5.0
Cyclohexane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	1.5J	5.0
1,4-Dichlorobenzene	9.0	5.0
1,2-Dichlorobenzene	1.2J	5.0
Dichlorodifluoromethane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
Isopropylbenzene	ND	5.0
Methyl Acetate	ND	5.0
Methyl Cyclohexane	ND	5.0

Client ID: **022509-015**
Site: GM Wilmington-17338

Lab Sample No: **986109**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/05/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06772.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022509-015D1**
Site: GM Wilmington-17338

Lab Sample No: **986109D1**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/02/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06649.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chlorobenzene	1100	10

Client ID: **022509-016**
Site: GM Wilmington-17338

Lab Sample No: **986110**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/02/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06650.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	3.3	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	0.8J	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	1.2	1.0
Styrene	ND	1.0

Client ID: **022509-016**
Site: GM Wilmington-17338

Lab Sample No: **986110**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/02/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06650.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	3.7	3.0
Freon TF	ND	1.0
MTBE	2.7	1.0
Cyclohexane	36	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	17	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	13	1.0

Client ID: **022509-016**
Site: GM Wilmington-17338

Lab Sample No: **986110**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/02/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06650.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	C5H12 Alkane	1.76	10	
2.	C6H12 Cycloalkane	3.34	6.8	
3.	Benzene, propyl-	9.43	6.6	
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	23

Client ID: **022509-017**
Site: GM Wilmington-17338

Lab Sample No: **986111**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06628.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	2.0
Bromomethane	ND	2.0
Vinyl Chloride	ND	2.0
Chloroethane	ND	2.0
Methylene Chloride	ND	2.0
Acetone	ND	20
Carbon Disulfide	ND	2.0
Trichlorofluoromethane	ND	2.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	2.0
trans-1,2-Dichloroethene	ND	2.0
cis-1,2-Dichloroethene	ND	2.0
Chloroform	ND	2.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	20
1,1,1-Trichloroethane	ND	2.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	2.0
1,2-Dichloropropane	ND	2.0
cis-1,3-Dichloropropene	ND	2.0
Trichloroethene	ND	2.0
Dibromochloromethane	ND	2.0
1,1,2-Trichloroethane	ND	2.0
Benzene	19	2.0
trans-1,3-Dichloropropene	ND	2.0
Bromoform	ND	2.0
4-Methyl-2-Pentanone	ND	20
2-Hexanone	ND	20
Tetrachloroethene	ND	2.0
1,1,2,2-Tetrachloroethane	ND	2.0
Toluene	*	2.0
Chlorobenzene	4.3	2.0
Ethylbenzene	*	2.0
Styrene	ND	2.0

*See Dilution

Client ID: **022509-017**
Site: GM Wilmington-17338

Lab Sample No: **986111**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06628.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	*	6.0
Freon TF	ND	2.0
MTBE	20	2.0
Cyclohexane	18	2.0
1,2-Dibromoethane	ND	2.0
1,3-Dichlorobenzene	ND	2.0
1,4-Dichlorobenzene	ND	2.0
1,2-Dichlorobenzene	ND	2.0
Dichlorodifluoromethane	ND	2.0
1,2,4-Trichlorobenzene	ND	2.0
1,2-Dibromo-3-chloropropane	ND	2.0
Isopropylbenzene	12	2.0
Methyl Acetate	ND	2.0
Methyl Cyclohexane	140	2.0

*See Dilution

Client ID: **022509-017**
Site: GM Wilmington-17338

Lab Sample No: **986111**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06628.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Trimethylbenzene isomer	10.21	800	
2.	Coeluting Aromatics	10.30	1600	
3.	Ethyldimethylbenzene isomer	10.37	1300	
4.	Ethyldimethylbenzene isomer	10.59	1700	
5.	Ethyldimethylbenzene isomer	10.65	1600	
6.	Ethyldimethylbenzene isomer	10.88	530	
7.	Ethyldimethylbenzene isomer	10.94	1300	
8.	Ethyldimethylbenzene isomer	10.99	1900	
9.	2,3-dihydro-methyl-1H-Indene isomer	11.26	1800	
10.	Naphthalene/Unknown	11.80	3700	
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				
	TOTAL ESTIMATED CONCENTRATION		16230	

Client ID: **022509-017D1**
Site: GM Wilmington-17338

Lab Sample No: **986111D1**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/02/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06648.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 50.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Toluene	5600	50
Ethylbenzene	660	50
Xylene (Total)	3600	150

Client ID: **022509-018**
Site: GM Wilmington-17338

Lab Sample No: **986112**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/05/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06770.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl Chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	ND	10
Acetone	ND	100
Carbon Disulfide	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
trans-1,2-Dichloroethene	ND	10
cis-1,2-Dichloroethene	ND	10
Chloroform	ND	10
1,2-Dichloroethane	ND	10
2-Butanone	ND	100
1,1,1-Trichloroethane	ND	10
Carbon Tetrachloride	ND	10
Bromodichloromethane	ND	10
1,2-Dichloropropane	ND	10
cis-1,3-Dichloropropene	ND	10
Trichloroethene	ND	10
Dibromochloromethane	ND	10
1,1,2-Trichloroethane	ND	10
Benzene	430	10
trans-1,3-Dichloropropene	ND	10
Bromoform	ND	10
4-Methyl-2-Pentanone	ND	100
2-Hexanone	ND	100
Tetrachloroethene	ND	10
1,1,2,2-Tetrachloroethane	ND	10
Toluene	590	10
Chlorobenzene	ND	10
Ethylbenzene	*	10
Styrene	ND	10

*See Dilution

Client ID: **022509-018**
Site: GM Wilmington-17338

Lab Sample No: **986112**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/05/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06770.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	*	30
Freon TF	ND	10
MTBE	450	10
Cyclohexane	ND	10
1,2-Dibromoethane	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10
Dichlorodifluoromethane	ND	10
1,2,4-Trichlorobenzene	ND	10
1,2-Dibromo-3-chloropropane	ND	10
Isopropylbenzene	5.6J	10
Methyl Acetate	ND	10
Methyl Cyclohexane	ND	10

*See Dilution

Client ID: **022509-018**
Site: GM Wilmington-17338

Lab Sample No: **986112**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/05/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06770.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022509-018D1**
Site: GM Wilmington-17338

Lab Sample No: **986112D1**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06631.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 50.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Ethylbenzene	3600	50
Xylene (Total)	7500	150

Client ID: **022509-019**
Site: GM Wilmington-17338

Lab Sample No: **986113**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/05/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06771.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 200.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	200
Bromomethane	ND	200
Vinyl Chloride	ND	200
Chloroethane	ND	200
Methylene Chloride	ND	200
Acetone	*	2000
Carbon Disulfide	ND	200
Trichlorofluoromethane	ND	200
1,1-Dichloroethene	ND	200
1,1-Dichloroethane	ND	200
trans-1,2-Dichloroethene	ND	200
cis-1,2-Dichloroethene	ND	200
Chloroform	ND	200
1,2-Dichloroethane	ND	200
2-Butanone	ND	2000
1,1,1-Trichloroethane	ND	200
Carbon Tetrachloride	ND	200
Bromodichloromethane	ND	200
1,2-Dichloropropane	ND	200
cis-1,3-Dichloropropene	ND	200
Trichloroethene	ND	200
Dibromochloromethane	ND	200
1,1,2-Trichloroethane	ND	200
Benzene	980	200
trans-1,3-Dichloropropene	ND	200
Bromoform	ND	200
4-Methyl-2-Pentanone	820 J	2000
2-Hexanone	ND	2000
Tetrachloroethene	ND	200
1,1,2,2-Tetrachloroethane	ND	200
Toluene	*	200
Chlorobenzene	ND	200
Ethylbenzene	17000	200
Styrene	ND	200

*See Dilution

Client ID: **022509-019**
Site: GM Wilmington-17338

Lab Sample No: **986113**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/05/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06771.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 200.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	28000	600
Freon TF	ND	200
MTBE	420	200
Cyclohexane	ND	200
1,2-Dibromoethane	ND	200
1,3-Dichlorobenzene	ND	200
1,4-Dichlorobenzene	ND	200
1,2-Dichlorobenzene	ND	200
Dichlorodifluoromethane	ND	200
1,2,4-Trichlorobenzene	ND	200
1,2-Dibromo-3-chloropropane	ND	200
Isopropylbenzene	ND	200
Methyl Acetate	ND	200
Methyl Cyclohexane	ND	200

*See Dilution

Client ID: **022509-019**
Site: GM Wilmington-17338

Lab Sample No: **986113**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 03/05/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06771.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 200.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022509-019D1**
Site: GM Wilmington-17338

Lab Sample No: **986113D1**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06632.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2000.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Acetone	180000	20000
Toluene	150000	2000

Client ID: **022509-002**
Site: GM Wilmington-17338

Lab Sample No: **986114**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06625.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	ND	1.0
Styrene	ND	1.0

Client ID: **022509-002**
Site: GM Wilmington-17338

Lab Sample No: **986114**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06625.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	3.0
Freon TF	ND	1.0
MTBE	ND	1.0
Cyclohexane	ND	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	ND	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	ND	1.0

Client ID: **022509-002**
Site: GM Wilmington-17338

Lab Sample No: **986114**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06625.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022409-013V**
Site: GM Wilmington-17338

Lab Sample No: **986152**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/26/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06626.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	1.0
Bromomethane	ND	1.0
Vinyl Chloride	ND	1.0
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	10
Carbon Disulfide	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
Bromoform	ND	1.0
4-Methyl-2-Pentanone	ND	10
2-Hexanone	ND	10
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	1.0
Chlorobenzene	ND	1.0
Ethylbenzene	ND	1.0
Styrene	ND	1.0

Client ID: **022409-013V**
Site: GM Wilmington-17338

Lab Sample No: **986152**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/26/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06626.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	3.0
Freon TF	ND	1.0
MTBE	ND	1.0
Cyclohexane	ND	1.0
1,2-Dibromoethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Dichlorodifluoromethane	ND	1.0
1,2,4-Trichlorobenzene	ND	1.0
1,2-Dibromo-3-chloropropane	ND	1.0
Isopropylbenzene	ND	1.0
Methyl Acetate	ND	1.0
Methyl Cyclohexane	ND	1.0

Client ID: **022409-013V**
Site: GM Wilmington-17338

Lab Sample No: **986152**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/26/09
Date Analyzed: 02/28/09
GC Column: Rtx-VMS
Instrument ID: VOAMS4.i
Lab File ID: d06626.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022309-001**
Site: GM Wilmington-17338

Lab Sample No: **985877**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40399.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022309-001**
Site: GM Wilmington-17338

Lab Sample No: **985877**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40399.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022309-001**
Site: GM Wilmington-17338

Lab Sample No: **985877**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40399.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION | 0.0

Client ID: **022309-002**
Site: GM Wilmington-17338

Lab Sample No: **985878**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40400.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022309-002**
Site: GM Wilmington-17338

Lab Sample No: **985878**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40400.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022309-002**
Site: GM Wilmington-17338

Lab Sample No: **985878**
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40400.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **022409-003**
Site: GM Wilmington-17338

Lab Sample No: **985879**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40401.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022409-003**
Site: GM Wilmington-17338

Lab Sample No: **985879**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40401.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022409-003**
Site: GM Wilmington-17338

Lab Sample No: **985879**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40401.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **022409-004**
Site: GM Wilmington-17338

Lab Sample No: **985880**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40396.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	32
4-Nitrophenol	ND	32
4,6-Dinitro-2-methylphenol	ND	32
Pentachlorophenol	ND	32
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022409-004**
Site: GM Wilmington-17338

Lab Sample No: **985880**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40396.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022409-004**
Site: GM Wilmington-17338

Lab Sample No: **985880**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40396.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Benzene, chloro-	5.15	120	
2.	Dichloro benzene isomer	7.12	72	
3.	Dichloro benzene isomer	7.38	45	
4.	Benzene, 1,2,4-trichloro-	8.82	14	
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	251

Client ID: **022409-005**
Site: GM Wilmington-17338

Lab Sample No: **985881**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40402.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	0.4J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022409-005**
Site: GM Wilmington-17338

Lab Sample No: **985881**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40402.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	2.7J	10
Atrazine	ND	10

Client ID: **022409-005**
Site: GM Wilmington-17338

Lab Sample No: **985881**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40402.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Ethane, 1,1'-oxybis[2-ethoxy-]	7.69	21	
2. Butoxyacetic acid	7.80	8.0	
3. Unknown	10.33	53	
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	82

Client ID: **022409-006**
Site: GM Wilmington-17338

Lab Sample No: **985882**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40403.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	44	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	0.5J	10
Dibenzofuran	ND	10

Client ID: **022409-006**
Site: GM Wilmington-17338

Lab Sample No: **985882**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40403.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	1.1J	10
Pyrene	0.6J	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	3.2J	10
Atrazine	ND	10

Client ID: **022409-006**
Site: GM Wilmington-17338

Lab Sample No: **985882**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40403.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Ethylbenzene	5.33	10	
2. Ethylmethylbenzene isomer	6.10	44	
3. Benzene, propyl-	6.44	22	
4. Trimethylbenzene isomer	6.55	10	
5. Trimethylbenzene isomer	6.60	12	
6. Trimethylbenzene isomer	6.89	26	
7. C9H10 Aromatic	7.39	94	
8. Diethylbenzene isomer	7.47	23	
9. Diethylbenzene isomer	7.54	25	
10. Ethyldimethylbenzene isomer	7.86	20	
11. Tetramethylbenzene isomer	8.17	15	
12. C10H12 Aromatic	8.43	31	
13. C10H12 Aromatic	8.55	28	
14. C10H10O Ketone	10.85	10	
15. Phenol, 4,4'-(1-methylethylidene)bis-	15.76	150	
16. Unknown	17.29	13	
17. Unknown	20.73	21	
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	554

Client ID: **022409-007**
Site: GM Wilmington-17338

Lab Sample No: **985883**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40404.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022409-007**
Site: GM Wilmington-17338

Lab Sample No: **985883**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40404.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022409-007**
Site: GM Wilmington-17338

Lab Sample No: **985883**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40404.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION | 0.0

Client ID: **022409-008**
Site: GM Wilmington-17338

Lab Sample No: **985884**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40405.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022409-008**
Site: GM Wilmington-17338

Lab Sample No: **985884**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40405.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	0.6J	10
Atrazine	ND	10

Client ID: **022409-008**
Site: GM Wilmington-17338

Lab Sample No: **985884**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40405.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **022409-009**
Site: GM Wilmington-17338

Lab Sample No: **985885**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40406.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	32
4-Nitrophenol	ND	32
4,6-Dinitro-2-methylphenol	ND	32
Pentachlorophenol	ND	32
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	32	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	0.8J	10
Dibenzofuran	ND	10

Client ID: **022409-009**
Site: GM Wilmington-17338

Lab Sample No: **985885**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40406.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	0.3J	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022409-009**
Site: GM Wilmington-17338

Lab Sample No: **985885**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40406.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Unknown Alcohol	3.92	29	
2.	C9H10 Aromatic	7.39	75	
3.	Diethylbenzene isomer	7.54	24	
4.	Ethyldimethylbenzene isomer	7.86	81	
5.	Ethyldimethylbenzene isomer	8.17	48	
6.	C10H12 Aromatic	8.55	68	
7.	Phenol, 4,4'-(1-methylethylidene)bis-	15.75	140	
8.	Unknown	20.74	35	
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	500

Client ID: **022409-010**
Site: GM Wilmington-17338

Lab Sample No: **985886**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40407.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	32
4-Nitrophenol	ND	32
4,6-Dinitro-2-methylphenol	ND	32
Pentachlorophenol	ND	32
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	3.4J	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	3.1J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022409-010**
Site: GM Wilmington-17338

Lab Sample No: **985886**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40407.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022409-010**
Site: GM Wilmington-17338

Lab Sample No: **985886**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40407.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	4.08	16	
2. Ethylbenzene	5.33	45	
3. Xylene isomer	5.43	220	
4. Xylene isomer	5.73	18	
5. Ethylmethylbenzene isomer	6.10	62	
6. Benzene, propyl-	6.44	29	
7. C9H10 Aromatic	7.39	8.5	
8. Ethane, 1,1'-oxybis[2-ethoxy-]	7.68	8.6	
9. Ethyldimethylbenzene isomer	7.86	18	
10. C10H12 Aromatic	8.54	13	
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	438

Client ID: **022409-011**
Site: GM Wilmington-17338

Lab Sample No: **985887**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40413.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	0.8J	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	6.9J	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	32
4-Nitrophenol	ND	32
4,6-Dinitro-2-methylphenol	ND	32
Pentachlorophenol	ND	32
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	43	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	1.2J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	0.9J	10
Dibenzofuran	0.3J	10

Client ID: **022409-011**
Site: GM Wilmington-17338

Lab Sample No: **985887**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40413.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	0.4J	10
Anthracene	ND	10
Carbazole	0.6J	10
Di-n-butylphthalate	ND	10
Fluoranthene	1.2J	10
Pyrene	0.7J	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022409-011**
Site: GM Wilmington-17338

Lab Sample No: **985887**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40413.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	4.08	67	
2. Ethylbenzene	5.33	56	
3. Xylene isomer	5.43	200	
4. Xylene isomer	5.73	41	
5. Ethylmethylbenzene isomer	6.10	130	
6. Benzene, propyl-	6.44	160	
7. Ethylmethylbenzene isomer	6.55	63	
8. Trimethylbenzene isomer	6.60	29	
9. Ethylmethylbenzene isomer	6.75	27	
10. Trimethylbenzene isomer	6.90	84	
11. C9H10 Aromatic	7.40	180	
12. Diethylbenzene isomer	7.47	64	
13. Diethylbenzene isomer	7.54	45	
14. Ethyldimethylbenzene isomer	7.86	96	
15. Ethyldimethylbenzene isomer	8.17	46	
16. C10H12 Aromatic	8.43	48	
17. 2,3-dihydro-methyl-1H-Indene isomer	8.55	110	
18. 1,3,5-Triazine-2,4-diamine, 6-phenyl-	14.96	35	
19. Phenol, 4,4'-(1-methylethylidene)bis-	15.77	220	
20. Unknown	20.75	67	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	1768

Client ID: **022409-012**
Site: GM Wilmington-17338

Lab Sample No: **985888**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40414.d

Matrix: WATER
Level: LOW
Sample Volume: 900 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	11
2-Chlorophenol	ND	11
2-Methylphenol	4.9J	11
4-Methylphenol	1.2J	11
2-Nitrophenol	ND	11
2,4-Dimethylphenol	9.3J	11
2,4-Dichlorophenol	ND	11
4-Chloro-3-methylphenol	ND	11
2,4,6-Trichlorophenol	ND	11
2,4,5-Trichlorophenol	ND	11
2,4-Dinitrophenol	ND	33
4-Nitrophenol	ND	33
4,6-Dinitro-2-methylphenol	ND	33
Pentachlorophenol	ND	33
bis(2-Chloroethyl)ether	ND	1.1
bis(2-chloroisopropyl)ether	ND	11
N-Nitroso-di-n-propylamine	ND	1.1
Hexachloroethane	ND	1.1
Nitrobenzene	ND	1.1
Isophorone	ND	11
bis(2-Chloroethoxy)methane	ND	11
Naphthalene	42	11
4-Chloroaniline	ND	11
Hexachlorobutadiene	ND	2.2
2-Methylnaphthalene	1.2J	11
Hexachlorocyclopentadiene	ND	11
2-Chloronaphthalene	ND	11
2-Nitroaniline	ND	22
Dimethylphthalate	ND	11
Acenaphthylene	ND	11
2,6-Dinitrotoluene	ND	2.2
3-Nitroaniline	ND	22
Acenaphthene	0.9J	11
Dibenzofuran	0.3J	11

Client ID: **022409-012**
Site: GM Wilmington-17338

Lab Sample No: **985888**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40414.d

Matrix: WATER
Level: LOW
Sample Volume: 900 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.2
Diethylphthalate	ND	11
4-Chlorophenyl-phenylether	ND	11
Fluorene	ND	11
4-Nitroaniline	ND	22
N-Nitrosodiphenylamine	ND	11
4-Bromophenyl-phenylether	ND	11
Hexachlorobenzene	ND	1.1
Phenanthrene	0.4J	11
Anthracene	ND	11
Carbazole	0.6J	11
Di-n-butylphthalate	ND	11
Fluoranthene	1.1J	11
Pyrene	0.7J	11
Butylbenzylphthalate	ND	11
3,3'-Dichlorobenzidine	ND	22
Benzo(a)anthracene	ND	1.1
Chrysene	ND	11
bis(2-Ethylhexyl)phthalate	ND	11
Di-n-octylphthalate	ND	11
Benzo(b)fluoranthene	ND	1.1
Benzo(k)fluoranthene	ND	1.1
Benzo(a)pyrene	ND	1.1
Indeno(1,2,3-cd)pyrene	ND	1.1
Dibenz(a,h)anthracene	ND	1.1
Benzo(g,h,i)perylene	ND	11
Diphenyl	ND	11
Acetophenone	2.4J	11
Benzaldehyde	ND	11
Caprolactam	ND	11
Atrazine	ND	11

Client ID: **022409-012**
Site: GM Wilmington-17338

Lab Sample No: **985888**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/01/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40414.d

Matrix: WATER
Level: LOW
Sample Volume: 900 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	4.08	86	
2. Ethylbenzene	5.33	62	
3. Xylene isomer	5.43	220	
4. Xylene isomer	5.74	52	
5. Ethylmethylbenzene isomer	6.10	140	
6. Benzene, propyl-	6.44	170	
7. Trimethylbenzene isomer	6.55	61	
8. Trimethylbenzene isomer	6.60	28	
9. Trimethylbenzene isomer	6.75	27	
10. Trimethylbenzene isomer	6.90	84	
11. C9H10 Aromatic	7.40	190	
12. Diethylbenzene isomer	7.48	70	
13. Diethylbenzene isomer	7.55	49	
14. Ethyldimethylbenzene isomer	7.85	100	
15. Tetramethylbenzene isomer	8.17	52	
16. C10H12 Aromatic	8.43	52	
17. C10H12 Aromatic	8.55	130	
18. 1,3,5-Triazine-2,4-diamine, 6-phenyl-	14.96	35	
19. Phenol, 4,4'-(1-methylethylidene)bis-	15.77	240	
20. Unknown	20.75	73	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	1921

Client ID: **022409-013**
Site: GM Wilmington-17338

Lab Sample No: **985889**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40415.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	32
4-Nitrophenol	ND	32
4,6-Dinitro-2-methylphenol	ND	32
Pentachlorophenol	ND	32
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.1
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	21
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.1
3-Nitroaniline	ND	21
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022409-013**
Site: GM Wilmington-17338

Lab Sample No: **985889**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40415.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.1
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	21
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	21
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022409-013**
Site: GM Wilmington-17338

Lab Sample No: **985889**
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40415.d

Matrix: WATER
Level: LOW
Sample Volume: 950 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **022509-014**
Site: GM Wilmington-17338

Lab Sample No: **986108**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40416.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	2.7J	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	77	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	2.7J	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022509-014**
Site: GM Wilmington-17338

Lab Sample No: **986108**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40416.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	1.9J	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022509-014**
Site: GM Wilmington-17338

Lab Sample No: **986108**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40416.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Xylene isomer	5.43	160	
2. Ethylmethylbenzene isomer	6.10	97	
3. Benzene, propyl-	6.44	52	
4. Trimethylbenzene isomer	6.90	21	
5. Trimethylbenzene isomer	7.24	55	
6. C9H10 Aromatic	7.40	37	
7. Ethyldimethylbenzene isomer	7.85	130	
8. Unknown	8.00	330	
9. Tetramethylbenzene isomer	8.21	28	
10. C10H12/C10H14 Aromatics	8.55	38	
11. Butanoic acid, 4-butoxy-	9.16	24	
12. Dimethyl Benzoic acid isomer	10.26	27	
13. Unknown	10.39	260	
14. Unknown	10.79	62	
15. Unknown	10.87	20	
16. Unknown	10.98	89	
17. Unknown	11.13	23	
18. Trimethyl Benzoic acid isomer	11.30	160	
19. Unknown	11.66	21	
20. Unknown	11.88	25	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	1659

Client ID: **022509-015**
Site: GM Wilmington-17338

Lab Sample No: **986109**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40417.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	31
4-Nitrophenol	ND	31
4,6-Dinitro-2-methylphenol	ND	31
Pentachlorophenol	ND	31
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	0.4J	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022509-015**
Site: GM Wilmington-17338

Lab Sample No: **986109**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40417.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022509-015**
Site: GM Wilmington-17338

Lab Sample No: **986109**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40417.d

Matrix: WATER
Level: LOW
Sample Volume: 980 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Unknown Alcohol	3.92	38	
2.	Benzene, chloro-	5.16	440	
3.	Unknown Alcohol	6.91	9.8	
4.	Unknown Alcohol	7.02	13	
5.	Methyl Benzotriazole isomer	11.65	53	
6.	Methyl Benzotriazole isomer	11.95	20	
7.	Unknown	15.39	18	
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	592

Client ID: **022509-016**
Site: GM Wilmington-17338

Lab Sample No: **986110**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40418.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
bis(2-Chloroethyl)ether	ND	1.0
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
Naphthalene	0.5J	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10

Client ID: **022509-016**
Site: GM Wilmington-17338

Lab Sample No: **986110**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40418.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Diphenyl	ND	10
Acetophenone	ND	10
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10

Client ID: **022509-016**
Site: GM Wilmington-17338

Lab Sample No: **986110**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40418.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Ethylmethylbenzene isomer	6.10	16	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	16

Client ID: **022509-017**
Site: GM Wilmington-17338

Lab Sample No: **986111**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40431.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 20.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	200
2-Chlorophenol	ND	200
2-Methylphenol	ND	200
4-Methylphenol	13 J	200
2-Nitrophenol	ND	200
2,4-Dimethylphenol	ND	200
2,4-Dichlorophenol	ND	200
4-Chloro-3-methylphenol	ND	200
2,4,6-Trichlorophenol	ND	200
2,4,5-Trichlorophenol	ND	200
2,4-Dinitrophenol	ND	610
4-Nitrophenol	ND	610
4,6-Dinitro-2-methylphenol	ND	610
Pentachlorophenol	ND	610
bis(2-Chloroethyl)ether	ND	20
bis(2-chloroisopropyl)ether	ND	200
N-Nitroso-di-n-propylamine	ND	20
Hexachloroethane	ND	20
Nitrobenzene	ND	20
Isophorone	ND	200
bis(2-Chloroethoxy)methane	ND	200
Naphthalene	3200	200
4-Chloroaniline	ND	200
Hexachlorobutadiene	ND	40
2-Methylnaphthalene	160 J	200
Hexachlorocyclopentadiene	ND	200
2-Chloronaphthalene	ND	200
2-Nitroaniline	ND	400
Dimethylphthalate	ND	200
Acenaphthylene	ND	200
2,6-Dinitrotoluene	ND	40
3-Nitroaniline	ND	400
Acenaphthene	ND	200
Dibenzofuran	ND	200

Client ID: **022509-017**
Site: GM Wilmington-17338

Lab Sample No: **986111**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40431.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 20.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	40
Diethylphthalate	ND	200
4-Chlorophenyl-phenylether	ND	200
Fluorene	ND	200
4-Nitroaniline	ND	400
N-Nitrosodiphenylamine	ND	200
4-Bromophenyl-phenylether	ND	200
Hexachlorobenzene	ND	20
Phenanthrene	ND	200
Anthracene	ND	200
Carbazole	ND	200
Di-n-butylphthalate	ND	200
Fluoranthene	ND	200
Pyrene	ND	200
Butylbenzylphthalate	ND	200
3,3'-Dichlorobenzidine	ND	400
Benzo(a)anthracene	ND	20
Chrysene	ND	200
bis(2-Ethylhexyl)phthalate	ND	200
Di-n-octylphthalate	ND	200
Benzo(b)fluoranthene	ND	20
Benzo(k)fluoranthene	ND	20
Benzo(a)pyrene	ND	20
Indeno(1,2,3-cd)pyrene	ND	20
Dibenz(a,h)anthracene	ND	20
Benzo(g,h,i)perylene	ND	200
Diphenyl	ND	200
Acetophenone	460	200
Benzaldehyde	ND	200
Caprolactam	ND	200
Atrazine	ND	200

Client ID: **022509-017**
Site: GM Wilmington-17338

Lab Sample No: **986111**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40431.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 20.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	4.02	3700	
2. Ethylbenzene	5.27	690	
3. Xylene isomer	5.36	2300	
4. Xylene isomer	5.67	970	
5. Trimethylbenzene isomer	6.83	280	
6. Trimethylbenzene isomer	7.16	640	
7. C9H10 Aromatic	7.32	570	
8. Methylpropylbenzene isomer	7.42	750	
9. Ethyldimethylbenzene isomer	7.49	1200	
10. Ethyldimethylbenzene isomer	7.70	710	
11. Unknown	7.72	860	
12. Ethyldimethylbenzene isomer	7.78	1300	
13. Methylpropylbenzene isomer	8.01	350	
14. Tetramethylbenzene isomer	8.10	800	
15. Tetramethylbenzene isomer	8.15	1100	
16. C10H12 Aromatic	8.36	570	
17. C10H12 Aromatic	8.48	1100	
18. Unknown	8.88	200	
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	18090

Client ID: **022509-018**
Site: GM Wilmington-17338

Lab Sample No: **986112**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40432.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 5.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	52
2-Chlorophenol	ND	52
2-Methylphenol	ND	52
4-Methylphenol	8.4J	52
2-Nitrophenol	ND	52
2,4-Dimethylphenol	36 J	52
2,4-Dichlorophenol	ND	52
4-Chloro-3-methylphenol	ND	52
2,4,6-Trichlorophenol	ND	52
2,4,5-Trichlorophenol	ND	52
2,4-Dinitrophenol	ND	150
4-Nitrophenol	ND	150
4,6-Dinitro-2-methylphenol	ND	150
Pentachlorophenol	ND	150
bis(2-Chloroethyl)ether	ND	5.2
bis(2-chloroisopropyl)ether	ND	52
N-Nitroso-di-n-propylamine	ND	5.2
Hexachloroethane	ND	5.2
Nitrobenzene	ND	5.2
Isophorone	ND	52
bis(2-Chloroethoxy)methane	ND	52
Naphthalene	2.1J	52
4-Chloroaniline	ND	52
Hexachlorobutadiene	ND	10
2-Methylnaphthalene	ND	52
Hexachlorocyclopentadiene	ND	52
2-Chloronaphthalene	ND	52
2-Nitroaniline	ND	100
Dimethylphthalate	ND	52
Acenaphthylene	ND	52
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	100
Acenaphthene	ND	52
Dibenzofuran	ND	52

Client ID: **022509-018**
Site: GM Wilmington-17338

Lab Sample No: **986112**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40432.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 5.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	52
4-Chlorophenyl-phenylether	ND	52
Fluorene	ND	52
4-Nitroaniline	ND	100
N-Nitrosodiphenylamine	ND	52
4-Bromophenyl-phenylether	ND	52
Hexachlorobenzene	ND	5.2
Phenanthrene	ND	52
Anthracene	ND	52
Carbazole	ND	52
Di-n-butylphthalate	ND	52
Fluoranthene	ND	52
Pyrene	ND	52
Butylbenzylphthalate	ND	52
3,3'-Dichlorobenzidine	ND	100
Benzo(a)anthracene	ND	5.2
Chrysene	ND	52
bis(2-Ethylhexyl)phthalate	ND	52
Di-n-octylphthalate	ND	52
Benzo(b)fluoranthene	ND	5.2
Benzo(k)fluoranthene	ND	5.2
Benzo(a)pyrene	ND	5.2
Indeno(1,2,3-cd)pyrene	ND	5.2
Dibenz(a,h)anthracene	ND	5.2
Benzo(g,h,i)perylene	ND	52
Diphenyl	ND	52
Acetophenone	ND	52
Benzaldehyde	ND	52
Caprolactam	ND	52
Atrazine	ND	52

Client ID: **022509-018**
Site: GM Wilmington-17338

Lab Sample No: **986112**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40432.d

Matrix: WATER
Level: LOW
Sample Volume: 970 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 5.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Toluene	4.02	300	
2. Butanoic acid	4.26	120	
3. Ethylbenzene	5.27	1800	
4. Xylene isomer	5.37	2500	
5. Xylene isomer	5.66	150	
6. Unknown Alcohol	5.75	350	
7. Unknown	6.51	77	
8. Pentanoic acid	6.64	270	
9. Unknown	7.17	43	
10. Unknown	8.05	3900	
11. Unknown Organic Acid	8.11	50	
12. Unknown Organic Acid	8.56	400	
13. Ethanol, 2-(2-butoxyethoxy)-	8.76	940	
14. Unknown	9.14	530	
15. Unknown	10.47	6200	
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	17630

Client ID: **022509-019**
Site: GM Wilmington-17338

Lab Sample No: **986113**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40433.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 5.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	15 J	50
2-Chlorophenol	ND	50
2-Methylphenol	95	50
4-Methylphenol	460	50
2-Nitrophenol	ND	50
2,4-Dimethylphenol	280	50
2,4-Dichlorophenol	ND	50
4-Chloro-3-methylphenol	ND	50
2,4,6-Trichlorophenol	ND	50
2,4,5-Trichlorophenol	ND	50
2,4-Dinitrophenol	ND	150
4-Nitrophenol	ND	150
4,6-Dinitro-2-methylphenol	ND	150
Pentachlorophenol	ND	150
bis(2-Chloroethyl)ether	ND	5.0
bis(2-chloroisopropyl)ether	ND	50
N-Nitroso-di-n-propylamine	ND	5.0
Hexachloroethane	ND	5.0
Nitrobenzene	ND	5.0
Isophorone	ND	50
bis(2-Chloroethoxy)methane	ND	50
Naphthalene	42 J	50
4-Chloroaniline	ND	50
Hexachlorobutadiene	ND	10
2-Methylnaphthalene	1.5J	50
Hexachlorocyclopentadiene	ND	50
2-Chloronaphthalene	ND	50
2-Nitroaniline	ND	100
Dimethylphthalate	ND	50
Acenaphthylene	ND	50
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	100
Acenaphthene	ND	50
Dibenzofuran	ND	50

Client ID: **022509-019**
Site: GM Wilmington-17338

Lab Sample No: **986113**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40433.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 5.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	50
4-Chlorophenyl-phenylether	ND	50
Fluorene	ND	50
4-Nitroaniline	ND	100
N-Nitrosodiphenylamine	ND	50
4-Bromophenyl-phenylether	ND	50
Hexachlorobenzene	ND	5.0
Phenanthrene	ND	50
Anthracene	ND	50
Carbazole	ND	50
Di-n-butylphthalate	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Butylbenzylphthalate	ND	50
3,3'-Dichlorobenzidine	ND	100
Benzo(a)anthracene	ND	5.0
Chrysene	ND	50
bis(2-Ethylhexyl)phthalate	ND	50
Di-n-octylphthalate	ND	50
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	50
Diphenyl	ND	50
Acetophenone	ND	50
Benzaldehyde	ND	50
Caprolactam	ND	50
Atrazine	ND	50

Client ID: **022509-019**
Site: GM Wilmington-17338

Lab Sample No: **986113**
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/25/09
Date Extracted: 02/27/09
Date Analyzed: 03/02/09
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s40433.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 5.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. Unknown Ketone	3.66	450	
2. Unknown Alcohol	3.90	140	
3. Toluene	4.12	15000	
4. Butanoic acid	4.57	940	
5. Unknown	4.99	220	
6. Ethylbenzene	5.30	3800	
7. Xylene isomer	5.40	3900	
8. Xylene isomer	5.69	2800	
9. Unknown	5.83	110	
10. Hexanoic acid	6.73	800	
11. Unknown Alcohol	7.63	320	
12. Unknown Organic Acid	8.50	330	
13. Unknown	9.12	190	
14. Methyl Benzoic acid isomer	9.19	83	
15. Benzeneacetic acid	9.27	320	
16. Methyl Benzoic Acid isomer	9.46	96	
17. C9H8O Ketone	9.68	110	
18. Benzoic acid, 3,4-dimethyl-	10.09	96	
19. Unknown	10.47	6200	
20. Unknown	10.54	97	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	36002

Client ID: **022309-001**
Site: **GM Wilmington-17338**

Lab Sample No: 985877
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	3670	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	275	1.7		P
Beryllium	0.51	0.30	B	P
Cadmium	ND	0.40		P
Calcium	61200	42.5		P
Chromium	6.9	1.6	B	P
Cobalt	3.9	1.7	B	P
Copper	25.6	3.7		P
Iron	14300	39.2		P
Lead	ND	2.7		P
Magnesium	30100	41.6		P
Manganese	607	1.2		P
Mercury	0.38	0.10		CV
Nickel	6.2	2.4	B	P
Potassium	9270	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	140000	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	16.7	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022309-002**
Site: **GM Wilmington-17338**

Lab Sample No: 985878
Lab Job No: F228

Date Sampled: 02/23/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	7330	62.6		P
Antimony	5.8	5.8	B	P
Arsenic	3.5	3.2	B	P
Barium	506	1.7		P
Beryllium	0.41	0.30	B	P
Cadmium	ND	0.40		P
Calcium	81800	42.5		P
Chromium	10.3	1.6		P
Cobalt	5.3	1.7	B	P
Copper	28.7	3.7		P
Iron	12700	39.2		P
Lead	2.9	2.7	B	P
Magnesium	22700	41.6		P
Manganese	776	1.2		P
Mercury	ND	0.10		CV
Nickel	6.7	2.4	B	P
Potassium	8040	315		P
Selenium	ND	4.2		P
Silver	4.5	1.4	B	P
Sodium	272000	791		P
Thallium	ND	4.7		P
Vanadium	13.0	4.7	B	P
Zinc	24.8	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-003**
Site: **GM Wilmington-17338**

Lab Sample No: 985879
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1640	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	175	1.7	B	P
Beryllium	0.42	0.30	B	P
Cadmium	ND	0.40		P
Calcium	15600	42.5		P
Chromium	2.8	1.6	B	P
Cobalt	8.0	1.7	B	P
Copper	24.0	3.7	B	P
Iron	7450	39.2		P
Lead	ND	2.7		P
Magnesium	10500	41.6		P
Manganese	157	1.2		P
Mercury	ND	0.10		CV
Nickel	2.5	2.4	B	P
Potassium	2270	315	B	P
Selenium	ND	4.2		P
Silver	1.6	1.4	B	P
Sodium	59700	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	11.2	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-004**
Site: **GM Wilmington-17338**

Lab Sample No: 985880
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	714	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	256	1.7		P
Beryllium	0.31	0.30	B	P
Cadmium	ND	0.40		P
Calcium	57400	42.5		P
Chromium	ND	1.6		P
Cobalt	3.1	1.7	B	P
Copper	ND	3.7		P
Iron	913	39.2		P
Lead	ND	2.7		P
Magnesium	29300	41.6		P
Manganese	52.8	1.2		P
Mercury	ND	0.10		CV
Nickel	2.9	2.4	B	P
Potassium	9030	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	130000	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	7.2	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-005**
Site: **GM Wilmington-17338**

Lab Sample No: 985881
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	2730	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	360	1.7		P
Beryllium	0.32	0.30	B	P
Cadmium	ND	0.40		P
Calcium	44400	42.5		P
Chromium	3.7	1.6	B	P
Cobalt	2.6	1.7	B	P
Copper	36.5	3.7		P
Iron	28700	39.2		P
Lead	2.8	2.7	B	P
Magnesium	27500	41.6		P
Manganese	453	1.2		P
Mercury	ND	0.10		CV
Nickel	4.2	2.4	B	P
Potassium	6540	315		P
Selenium	ND	4.2		P
Silver	11.7	1.4		P
Sodium	85900	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	16.5	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-006**
Site: **GM Wilmington-17338**

Lab Sample No: 985882
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: uq/l	Instrument Detection Limit	Qual	M
Aluminum	4540	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	315	1.7		P
Beryllium	ND	0.30		P
Cadmium	ND	0.40		P
Calcium	47600	42.5		P
Chromium	4.8	1.6	B	P
Cobalt	2.3	1.7	B	P
Copper	25.4	3.7		P
Iron	16600	39.2		P
Lead	4.9	2.7	B	P
Magnesium	20000	41.6		P
Manganese	351	1.2		P
Mercury	ND	0.10		CV
Nickel	3.5	2.4	B	P
Potassium	10300	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	111000	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	9.4	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-007**
Site: **GM Wilmington-17338**

Lab Sample No: 985883
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	5280	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	131	1.7	B	P
Beryllium	1.2	0.30	B	P
Cadmium	ND	0.40		P
Calcium	25600	42.5		P
Chromium	9.1	1.6	B	P
Cobalt	3.6	1.7	B	P
Copper	26.8	3.7		P
Iron	16000	39.2		P
Lead	ND	2.7		P
Magnesium	13200	41.6		P
Manganese	72.7	1.2		P
Mercury	ND	0.10		CV
Nickel	6.2	2.4	B	P
Potassium	4380	315	B	P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	25100	396		P
Thallium	ND	4.7		P
Vanadium	10.5	4.7	B	P
Zinc	17.3	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-008**
Site: **GM Wilmington-17338**

Lab Sample No: 985884
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	2440	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	63.8	1.7	B	P
Beryllium	0.44	0.30	B	P
Cadmium	ND	0.40		P
Calcium	15600	42.5		P
Chromium	3.6	1.6	B	P
Cobalt	3.1	1.7	B	P
Copper	25.3	3.7		P
Iron	1470	39.2		P
Lead	ND	2.7		P
Magnesium	12200	41.6		P
Manganese	342	1.2		P
Mercury	ND	0.10		CV
Nickel	2.6	2.4	B	P
Potassium	1850	315	B	P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	64000	396		P
Thallium	ND	4.7		P
Vanadium	5.5	4.7	B	P
Zinc	6.1	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-009**
Site: **GM Wilmington-17338**

Lab Sample No: 985885
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	477	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	462	1.7		P
Beryllium	ND	0.30		P
Cadmium	ND	0.40		P
Calcium	58000	42.5		P
Chromium	ND	1.6		P
Cobalt	19.5	1.7	B	P
Copper	ND	3.7		P
Iron	75500	39.2		P
Lead	ND	2.7		P
Magnesium	37100	41.6		P
Manganese	1990	1.2		P
Mercury	ND	0.10		CV
Nickel	ND	2.4		P
Potassium	3370	315	B	P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	85400	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-010**
Site: **GM Wilmington-17338**

Lab Sample No: 985886
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1760	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	428	1.7		P
Beryllium	0.36	0.30	B	P
Cadmium	ND	0.40		P
Calcium	39300	42.5		P
Chromium	2.6	1.6	B	P
Cobalt	5.4	1.7	B	P
Copper	28.0	3.7		P
Iron	27300	39.2		P
Lead	ND	2.7		P
Magnesium	31800	41.6		P
Manganese	1400	1.2		P
Mercury	ND	0.10		CV
Nickel	2.7	2.4	B	P
Potassium	4530	315	B	P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	73100	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	5.9	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-011**
Site: **GM Wilmington-17338**

Lab Sample No: 985887
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1770	62.6		P
Antimony	ND	5.8		P
Arsenic	10.0	3.2		P
Barium	663	1.7		P
Beryllium	0.43	0.30	B	P
Cadmium	ND	0.40		P
Calcium	76200	42.5		P
Chromium	1.6	1.6	B	P
Cobalt	ND	1.7		P
Copper	26.5	3.7		P
Iron	28100	39.2		P
Lead	ND	2.7		P
Magnesium	26100	41.6		P
Manganese	892	1.2		P
Mercury	ND	0.10		CV
Nickel	ND	2.4		P
Potassium	17500	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	185000	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-012**
Site: **GM Wilmington-17338**

Lab Sample No: 985888
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1700	62.6		P
Antimony	ND	5.8		P
Arsenic	6.4	3.2		P
Barium	702	1.7		P
Beryllium	0.54	0.30	B	P
Cadmium	ND	0.40		P
Calcium	81800	42.5		P
Chromium	1.7	1.6	B	P
Cobalt	ND	1.7		P
Copper	ND	3.7		P
Iron	30000	39.2		P
Lead	ND	2.7		P
Magnesium	27700	41.6		P
Manganese	949	1.2		P
Mercury	ND	0.10		CV
Nickel	ND	2.4		P
Potassium	18300	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	194000	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022409-013**
Site: **GM Wilmington-17338**

Lab Sample No: 985889
Lab Job No: F228

Date Sampled: 02/24/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	ND	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	3.2		P
Barium	ND	1.7		P
Beryllium	0.66	0.30	B	P
Cadmium	ND	0.40		P
Calcium	91.9	42.5	B	P
Chromium	ND	1.6		P
Cobalt	ND	1.7		P
Copper	ND	3.7		P
Iron	ND	39.2		P
Lead	ND	2.7		P
Magnesium	ND	41.6		P
Manganese	ND	1.2		P
Mercury	ND	0.10		CV
Nickel	ND	2.4		P
Potassium	ND	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	470	396	B	P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022509-014**
Site: **GM Wilmington-17338**

Lab Sample No: 986108
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	3210	62.6		P
Antimony	ND	5.8		P
Arsenic	9.6	3.2		P
Barium	191	1.7	B	P
Beryllium	0.69	0.30	B	P
Cadmium	ND	0.40		P
Calcium	33100	42.5		P
Chromium	7.3	1.6	B	P
Cobalt	2.2	1.7	B	P
Copper	34.8	3.7		P
Iron	55000	39.2		P
Lead	15.6	2.7		P
Magnesium	34100	41.6		P
Manganese	337	1.2		P
Mercury	ND	0.10		CV
Nickel	6.9	2.4	B	P
Potassium	2500	315	B	P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	44000	396		P
Thallium	ND	4.7		P
Vanadium	6.5	4.7	B	P
Zinc	27.9	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022509-015**
Site: **GM Wilmington-17338**

Lab Sample No: 986109
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	2520	62.6		P
Antimony	ND	5.8		P
Arsenic	11.3	3.2		P
Barium	368	1.7		P
Beryllium	0.35	0.30	B	P
Cadmium	ND	0.40		P
Calcium	34700	42.5		P
Chromium	3.6	1.6	B	P
Cobalt	17.5	1.7	B	P
Copper	27.4	3.7		P
Iron	79200	39.2		P
Lead	3.0	2.7	B	P
Magnesium	28200	41.6		P
Manganese	2210	1.2		P
Mercury	ND	0.10		CV
Nickel	5.1	2.4	B	P
Potassium	3790	315	B	P
Selenium	ND	4.2		P
Silver	2.7	1.4	B	P
Sodium	58400	396		P
Thallium	ND	4.7		P
Vanadium	4.9	4.7	B	P
Zinc	8.0	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022509-016**
Site: **GM Wilmington-17338**

Lab Sample No: 986110
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	ND	62.6		P
Antimony	ND	5.8		P
Arsenic	10.3	3.2		P
Barium	670	1.7		P
Beryllium	0.32	0.30	B	P
Cadmium	ND	0.40		P
Calcium	54600	42.5		P
Chromium	ND	1.6		P
Cobalt	7.3	1.7	B	P
Copper	ND	3.7		P
Iron	90500	39.2		P
Lead	ND	2.7		P
Magnesium	44100	41.6		P
Manganese	1350	1.2		P
Mercury	ND	0.10		CV
Nickel	ND	2.4		P
Potassium	6260	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	184000	396		P
Thallium	ND	4.7		P
Vanadium	ND	4.7		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022509-017**
Site: **GM Wilmington-17338**

Lab Sample No: 986111
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: uq/l	Instrument Detection Limit	Qual	M
Aluminum	29400	62.6		P
Antimony	ND	5.8		P
Arsenic	30.1	3.2		P
Barium	297	1.7		P
Beryllium	2.7	0.30		P
Cadmium	ND	0.40		P
Calcium	33100	42.5		P
Chromium	45.7	1.6		P
Cobalt	17.6	1.7	B	P
Copper	40.2	3.7		P
Iron	117000	39.2		P
Lead	14.0	2.7		P
Magnesium	23800	41.6		P
Manganese	1000	1.2		P
Mercury	ND	0.10		CV
Nickel	23.7	2.4	B	P
Potassium	5710	315		P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	99500	396		P
Thallium	ND	4.7		P
Vanadium	66.1	4.7		P
Zinc	64.6	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022509-018**
Site: **GM Wilmington-17338**

Lab Sample No: 986112
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	1890	62.6		P
Antimony	ND	5.8		P
Arsenic	47.1	3.2		P
Barium	377	1.7		P
Beryllium	ND	0.30		P
Cadmium	ND	0.40		P
Calcium	76200	42.5		P
Chromium	2.8	1.6	B	P
Cobalt	156	1.7		P
Copper	25.7	3.7		P
Iron	117000	39.2		P
Lead	2.9	2.7	B	P
Magnesium	60100	41.6		P
Manganese	1200	1.2		P
Mercury	ND	0.10		CV
Nickel	4.6	2.4	B	P
Potassium	4470	315	B	P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	93500	396		P
Thallium	ND	4.7		P
Vanadium	5.4	4.7	B	P
Zinc	6.7	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **022509-019**
Site: **GM Wilmington-17338**

Lab Sample No: 986113
Lab Job No: F228

Date Sampled: 02/19/09
Date Received: 02/24/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	230	62.6		P
Antimony	ND	5.8		P
Arsenic	ND	16.0		P
Barium	680	1.7		P
Beryllium	0.35	0.30	B	P
Cadmium	ND	0.40		P
Calcium	109000	42.5		P
Chromium	2.6	1.6	B	P
Cobalt	ND	1.7		P
Copper	ND	3.7		P
Iron	285000	78.4		P
Lead	6.6	2.7		P
Magnesium	117000	41.6		P
Manganese	25800	6.0		P
Mercury	0.15	0.10	B	CV
Nickel	ND	2.4		P
Potassium	4790	315	B	P
Selenium	ND	4.2		P
Silver	ND	1.4		P
Sodium	107000	396		P
Thallium	ND	9.4		P
Vanadium	ND	4.7		P
Zinc	10.9	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

General Information

Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-1570-1

Job Description: GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304

Attention: Ms. Sue Scrocchi

Approved for release.
Erin A Gaus
Project Manager I
6/3/2009 6:38 PM

Designee for
Joy Kelly
Project Manager II
joy.kelly@testamericainc.com
06/03/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

TestAmerica Laboratories, Inc.
TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1

Data Summaries 5

- Report Narrative 5
- Sample Summary 7
- Executive Summary 8
- Method Summary 11
- Method / Analyst Summary 12
- Sample Datasheets 13
- Surrogate Summary 40
- QC Data Summary 42
- Data Qualifiers 77
- QC Association Summary 78
- Lab Chronicle 82

Organic Sample Data 87

- GC/MS VOA 87
  - Method 8260B 87
    - Method 8260B QC Summary 88
    - Method 8260B Sample Data 108
    - Standards Data 149
      - Method 8260B ICAL Data 149
      - Method 8260B CCAL Data 199
    - Raw QC Data 218
      - Method 8260B Tune Data 218
      - Method 8260B Blank Data 230
      - Method 8260B LCS/LCSD Data 238
      - Method 8260B MS/MSD Data 255

Table of Contents

Method 8260B Run Logs 289

Method 8260B Prep Data 292

GC/MS Semi VOA 298

Method 8270C 298

Method 8270C QC Summary 299

Method 8270C Sample Data 311

Standards Data 339

Method 8270C ICAL Data 339

Method 8270C CCAL Data 377

Raw QC Data 385

Method 8270C Tune Data 385

Method 8270C Blank Data 395

Method 8270C LCS/LCSD Data 400

Method 8270C MS/MSD Data 407

Method 8270C Run Logs 422

Method 8270C Prep Data 424

Inorganic Sample Data 431

Metals Data 431

Met Cover Page 432

Met Sample Data 433

Met QC Data 438

Met ICV/CCV 438

Met Blanks 444

Met ICSA/ICSAB 451

Met MS/MSD/PDS 459

Met Duplicates 461

Table of Contents

Met LCS/LCSD 463

Met Serial Dilution 466

Met MDL 469

Met IECF 472

Met Linear Ranges 478

Met Preparation Log 480

Met Analysis Run Log 483

Met Raw Data 492

Met Prep Data 632

Shipping and Receiving Documents 640

Client Chain of Custody 641

Sample Receipt Checklist 642

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: GM Wilmington

Report Number: 460-1570-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/08/2009; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2 C and 2 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-1570-1 through 460-1570-5 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 05/12/2009 and 05/13/2009 and analyzed on 05/13/2009.

Potassium and Vanadium was detected in method blank MB at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Due to the high concentration of Iron and Sodium, the matrix spike (MS) for batch 6354 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

The matrix spike (MS) recoveries for Aluminum in batch 6354 was outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-1570-1 through 460-1570-5 were analyzed for total mercury in accordance with EPA SW-846 Method 7470A. The samples were prepared and analyzed on 05/13/2009.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS

Samples 460-1570-1 through 460-1570-6 were analyzed for volatile organic compounds in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/14/2009.

Acetone exceeded the MS/MSD RPD limit. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Acetone and Ethylbenzene for batch 6470 were outside control limits . The associated laboratory control sample (LCS) met acceptance criteria.

The laboratory control sample (LCS) associated with batch 6344 was outside acceptance criteria for Acetone and Methyl acetate. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples 460-1570-1 through 460-1570-5 were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 05/12/2009 and analyzed on 05/14/2009.

Refer to the QC report for details.

The following sample(s) contained one acid and/or one base surrogate outside acceptance limits: 460-1570-3. The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The laboratory control sample and matrix spike(LCS/MS) associated with batch 6177 was outside acceptance criteria for Bis(2-ethylhexyl)phthalate. The batch matrix spike duplicate (MSD) was within acceptance limits; therefore, the data have been reported.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-1570-1	GW-017338-050809-ACH-001	Water	05/08/2009 1020	05/08/2009 2000
460-1570-1MS	GW-017338-050809-ACH-001	Water	05/08/2009 1020	05/08/2009 2000
460-1570-1MSD	GW-017338-050809-ACH-001	Water	05/08/2009 1020	05/08/2009 2000
460-1570-2	GW-017338-050809-ACH-002	Water	05/08/2009 1140	05/08/2009 2000
460-1570-3	GW-017338-050809-ACH-003	Water	05/08/2009 1245	05/08/2009 2000
460-1570-4	GW-017338-050809-ACH-004	Water	05/08/2009 1250	05/08/2009 2000
460-1570-5	GW-017338-050809-ACH-005	Water	05/08/2009 1315	05/08/2009 2000
460-1570-6TB	TB-017338-050809-ACH-001	Water	05/08/2009 0000	05/08/2009 2000

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-1570-1	**GW-017338-050809-ACH-001**					
Aluminum		6220		200	ug/L	6010B
Barium		278		200	ug/L	6010B
Calcium		51400		5000	ug/L	6010B
Chromium		10.6		10.0	ug/L	6010B
Cobalt		4.8	J	50.0	ug/L	6010B
Copper		26.6		25.0	ug/L	6010B
Iron		22900		150	ug/L	6010B
Lead		4.5	J	5.0	ug/L	6010B
Magnesium		25600		5000	ug/L	6010B
Manganese		531		15.0	ug/L	6010B
Nickel		6.9	J	40.0	ug/L	6010B
Potassium		8570	B	5000	ug/L	6010B
Silver		1.7	J	10.0	ug/L	6010B
Sodium		133000		5000	ug/L	6010B
Vanadium		10.3	J	50.0	ug/L	6010B
Zinc		19.1	J	30.0	ug/L	6010B
Mercury		0.40		0.20	ug/L	7470A
460-1570-2	**GW-017338-050809-ACH-002**					
Trichloroethene		0.57	J	1.0	ug/L	8260B
Aluminum		1390		200	ug/L	6010B
Barium		253		200	ug/L	6010B
Calcium		44700		5000	ug/L	6010B
Iron		5680		150	ug/L	6010B
Lead		3.3	J	5.0	ug/L	6010B
Magnesium		12100		5000	ug/L	6010B
Manganese		420		15.0	ug/L	6010B
Potassium		6310	B	5000	ug/L	6010B
Silver		1.2	J	10.0	ug/L	6010B
Sodium		193000		5000	ug/L	6010B
Vanadium		3.3	J	50.0	ug/L	6010B
Zinc		6.8	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-1570-3	**GW-017338-050809-ACH-003**					
MTBE		5.0		1.0	ug/L	8260B
Cyclohexane		3.1		1.0	ug/L	8260B
Methylcyclohexane		16		1.0	ug/L	8260B
Benzene		1.9		1.0	ug/L	8260B
Isopropylbenzene		2.9		1.0	ug/L	8260B
Chlorobenzene		1.6		1.0	ug/L	8260B
Aluminum		1180		200	ug/L	6010B
Barium		491		200	ug/L	6010B
Calcium		49900		5000	ug/L	6010B
Cobalt		17.8	J	50.0	ug/L	6010B
Iron		67100		150	ug/L	6010B
Lead		3.4	J	5.0	ug/L	6010B
Magnesium		32900		5000	ug/L	6010B
Manganese		1710		15.0	ug/L	6010B
Potassium		3620	J B	5000	ug/L	6010B
Sodium		102000		5000	ug/L	6010B
Vanadium		2.3	J	50.0	ug/L	6010B
460-1570-4	**GW-017338-050809-ACH-004**					
MTBE		5.3		1.0	ug/L	8260B
Cyclohexane		2.9		1.0	ug/L	8260B
Methylcyclohexane		18		1.0	ug/L	8260B
Benzene		2.1		1.0	ug/L	8260B
Isopropylbenzene		3.2		1.0	ug/L	8260B
Chlorobenzene		1.7		1.0	ug/L	8260B
Naphthalene		18		10	ug/L	8270C
Aluminum		1050		200	ug/L	6010B
Barium		465		200	ug/L	6010B
Calcium		46600		5000	ug/L	6010B
Cobalt		16.1	J	50.0	ug/L	6010B
Iron		63800		150	ug/L	6010B
Lead		3.4	J	5.0	ug/L	6010B
Magnesium		31300		5000	ug/L	6010B
Manganese		1620		15.0	ug/L	6010B
Potassium		3390	J B	5000	ug/L	6010B
Sodium		98500		5000	ug/L	6010B
Vanadium		2.1	J	50.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-1570-5	**GW-017338-050809-ACH-005**					
Barium		5.5	J	200	ug/L	6010B
Calcium		459	J	5000	ug/L	6010B
Magnesium		229	J	5000	ug/L	6010B
Sodium		901	J	5000	ug/L	6010B
Vanadium		2.2	J B	50.0	ug/L	6010B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Bayoumi, Wahied	BW
SW846 6010B	Chang, Churn Der	CDC
SW846 6010B	Polidori, Michael	MPP
SW846 7470A	Staib, Thomas	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-001**

Lab Sample ID: 460-1570-1 Date Sampled: 05/08/2009 1020
Client Matrix: Water Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 460-6344 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d09203.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/14/2009 1022 Final Weight/Volume: 5 mL
Date Prepared: 05/14/2009 1022

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U *	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U *	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-001**

Lab Sample ID: 460-1570-1
Client Matrix: Water

Date Sampled: 05/08/2009 1020
Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/14/2009 1022
Date Prepared: 05/14/2009 1022

Analysis Batch: 460-6344

Instrument ID: VOAMS4
Lab File ID: d09203.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	56 - 125
Toluene-d8 (Surr)	85	72 - 127
Bromofluorobenzene	85	72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-002**

Lab Sample ID: 460-1570-2 Date Sampled: 05/08/2009 1140
Client Matrix: Water Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 460-6470 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d09223.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/14/2009 2042 Final Weight/Volume: 5 mL
Date Prepared: 05/14/2009 2042

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	0.57	J	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-002**

Lab Sample ID: 460-1570-2
Client Matrix: Water

Date Sampled: 05/08/2009 1140
Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/14/2009 2042
Date Prepared: 05/14/2009 2042

Analysis Batch: 460-6470

Instrument ID: VOAMS4
Lab File ID: d09223.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	56 - 125
Toluene-d8 (Surr)	84	72 - 127
Bromofluorobenzene	85	72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-003**

Lab Sample ID: 460-1570-3 Date Sampled: 05/08/2009 1245
Client Matrix: Water Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 460-6344 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d09208.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/14/2009 1225 Final Weight/Volume: 5 mL
Date Prepared: 05/14/2009 1225

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U *	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U *	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	5.0		0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	3.1		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	16		0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.9		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	2.9		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.6		0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-003**

Lab Sample ID: 460-1570-3
Client Matrix: Water

Date Sampled: 05/08/2009 1245
Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/14/2009 1225
Date Prepared: 05/14/2009 1225

Analysis Batch: 460-6344

Instrument ID: VOAMS4
Lab File ID: d09208.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	56 - 125
Toluene-d8 (Surr)	88	72 - 127
Bromofluorobenzene	87	72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-004**

Lab Sample ID: 460-1570-4 Date Sampled: 05/08/2009 1250
Client Matrix: Water Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 460-6344 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d09209.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/14/2009 1249 Final Weight/Volume: 5 mL
Date Prepared: 05/14/2009 1249

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U *	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U *	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	5.3		0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	2.9		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	18		0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	2.1		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	3.2		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.7		0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-004**

Lab Sample ID: 460-1570-4
Client Matrix: Water

Date Sampled: 05/08/2009 1250
Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/14/2009 1249
Date Prepared: 05/14/2009 1249

Analysis Batch: 460-6344

Instrument ID: VOAMS4
Lab File ID: d09209.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	56 - 125
Toluene-d8 (Surr)	88	72 - 127
Bromofluorobenzene	87	72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-005**

Lab Sample ID: 460-1570-5 Date Sampled: 05/08/2009 1315
Client Matrix: Water Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 460-6344 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d09210.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/14/2009 1314 Final Weight/Volume: 5 mL
Date Prepared: 05/14/2009 1314

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U *	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U *	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-005**

Lab Sample ID: 460-1570-5
Client Matrix: Water

Date Sampled: 05/08/2009 1315
Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/14/2009 1314
Date Prepared: 05/14/2009 1314

Analysis Batch: 460-6344

Instrument ID: VOAMS4
Lab File ID: d09210.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	56 - 125
Toluene-d8 (Surr)	87	72 - 127
Bromofluorobenzene	86	72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **TB-017338-050809-ACH-001**

Lab Sample ID: 460-1570-6TB
Client Matrix: Water

Date Sampled: 05/08/2009 0000
Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/14/2009 1338
Date Prepared: 05/14/2009 1338

Analysis Batch: 460-6344

Instrument ID: VOAMS4
Lab File ID: d09211.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U *	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U *	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **TB-017338-050809-ACH-001**

Lab Sample ID: 460-1570-6TB
Client Matrix: Water

Date Sampled: 05/08/2009 0000
Date Received: 05/08/2009 2000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/14/2009 1338
Date Prepared: 05/14/2009 1338

Analysis Batch: 460-6344

Instrument ID: VOAMS4
Lab File ID: d09211.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	56 - 125
Toluene-d8 (Surr)	85	72 - 127
Bromofluorobenzene	87	72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-001**

Lab Sample ID: 460-1570-1 Date Sampled: 05/08/2009 1020
Client Matrix: Water Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 460-6657 Instrument ID: BNAMS2
Preparation: 3510C Prep Batch: 460-6177 Lab File ID: s42620.d
Dilution: 1.0 Initial Weight/Volume: 1000 mL
Date Analyzed: 05/14/2009 2010 Final Weight/Volume: 2 mL
Date Prepared: 05/12/2009 1840 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.3	10
Phenol	10	U	0.89	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Caprolactam	10	U	0.50	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.1	30

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-001**

Lab Sample ID: 460-1570-1 Date Sampled: 05/08/2009 1020
Client Matrix: Water Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 460-6657 Instrument ID: BNAMS2
Preparation: 3510C Prep Batch: 460-6177 Lab File ID: s42620.d
Dilution: 1.0 Initial Weight/Volume: 1000 mL
Date Analyzed: 05/14/2009 2010 Final Weight/Volume: 2 mL
Date Prepared: 05/12/2009 1840 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U *	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.4	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	50	19 - 66
2-Fluorobiphenyl	85	53 - 110
Phenol-d5	35	13 - 44
Nitrobenzene-d5	92	49 - 114
2,4,6-Tribromophenol	102	52 - 122
Terphenyl-d14	88	46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-002**

Lab Sample ID: 460-1570-2 Date Sampled: 05/08/2009 1140
Client Matrix: Water Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-6657	Instrument ID:	BNAMS2	
Preparation:	3510C	Prep Batch: 460-6177	Lab File ID:	s42623.d	
Dilution:	1.0		Initial Weight/Volume:	1000	mL
Date Analyzed:	05/14/2009 2152		Final Weight/Volume:	2	mL
Date Prepared:	05/12/2009 1840		Injection Volume:	1.0	uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.3	10
Phenol	10	U	0.89	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Caprolactam	10	U	0.50	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.1	30

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-002**

Lab Sample ID: 460-1570-2
Client Matrix: Water

Date Sampled: 05/08/2009 1140
Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/14/2009 2152
Date Prepared: 05/12/2009 1840

Analysis Batch: 460-6657
Prep Batch: 460-6177

Instrument ID: BNAMS2
Lab File ID: s42623.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U *	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.4	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	46	19 - 66
2-Fluorobiphenyl	84	53 - 110
Phenol-d5	32	13 - 44
Nitrobenzene-d5	87	49 - 114
2,4,6-Tribromophenol	98	52 - 122
Terphenyl-d14	87	46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-003**

Lab Sample ID: 460-1570-3 Date Sampled: 05/08/2009 1245
Client Matrix: Water Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-6657	Instrument ID:	BNAMS2	
Preparation:	3510C	Prep Batch: 460-6177	Lab File ID:	s42624.d	
Dilution:	1.0		Initial Weight/Volume:	1000	mL
Date Analyzed:	05/14/2009 2227		Final Weight/Volume:	2	mL
Date Prepared:	05/12/2009 1840		Injection Volume:	1.0	uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.3	10
Phenol	10	U	0.89	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Caprolactam	10	U	0.50	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.1	30

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-003**

Lab Sample ID: 460-1570-3 Date Sampled: 05/08/2009 1245
Client Matrix: Water Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-6657	Instrument ID:	BNAMS2	
Preparation:	3510C	Prep Batch: 460-6177	Lab File ID:	s42624.d	
Dilution:	1.0		Initial Weight/Volume:	1000	mL
Date Analyzed:	05/14/2009 2227		Final Weight/Volume:	2	mL
Date Prepared:	05/12/2009 1840		Injection Volume:	1.0	uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U *	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.4	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec		Acceptance Limits
2-Fluorophenol	61		19 - 66
2-Fluorobiphenyl	84		53 - 110
Phenol-d5	53	X	13 - 44
Nitrobenzene-d5	84		49 - 114
2,4,6-Tribromophenol	96		52 - 122
Terphenyl-d14	82		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-004**

Lab Sample ID: 460-1570-4 Date Sampled: 05/08/2009 1250
Client Matrix: Water Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-6657	Instrument ID:	BNAMS2	
Preparation:	3510C	Prep Batch: 460-6177	Lab File ID:	s42625.d	
Dilution:	1.0		Initial Weight/Volume:	1000	mL
Date Analyzed:	05/14/2009 2301		Final Weight/Volume:	2	mL
Date Prepared:	05/12/2009 1840		Injection Volume:	1.0	uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.3	10
Phenol	10	U	0.89	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	18		3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Caprolactam	10	U	0.50	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.1	30

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-004**

Lab Sample ID: 460-1570-4 Date Sampled: 05/08/2009 1250
Client Matrix: Water Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-6657	Instrument ID:	BNAMS2	
Preparation:	3510C	Prep Batch: 460-6177	Lab File ID:	s42625.d	
Dilution:	1.0		Initial Weight/Volume:	1000	mL
Date Analyzed:	05/14/2009 2301		Final Weight/Volume:	2	mL
Date Prepared:	05/12/2009 1840		Injection Volume:	1.0	uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U *	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.4	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	50	19 - 66
2-Fluorobiphenyl	86	53 - 110
Phenol-d5	38	13 - 44
Nitrobenzene-d5	82	49 - 114
2,4,6-Tribromophenol	97	52 - 122
Terphenyl-d14	80	46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-005**

Lab Sample ID: 460-1570-5 Date Sampled: 05/08/2009 1315
Client Matrix: Water Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-6657	Instrument ID:	BNAMS2	
Preparation:	3510C	Prep Batch: 460-6177	Lab File ID:	s42626.d	
Dilution:	1.0		Initial Weight/Volume:	1000	mL
Date Analyzed:	05/14/2009 2335		Final Weight/Volume:	2	mL
Date Prepared:	05/12/2009 1840		Injection Volume:	1.0	uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.3	10
Phenol	10	U	0.89	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Caprolactam	10	U	0.50	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.1	30

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-005**

Lab Sample ID: 460-1570-5
Client Matrix: Water

Date Sampled: 05/08/2009 1315
Date Received: 05/08/2009 2000

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/14/2009 2335
Date Prepared: 05/12/2009 1840

Analysis Batch: 460-6657
Prep Batch: 460-6177

Instrument ID: BNAMS2
Lab File ID: s42626.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U *	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.4	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	48	19 - 66
2-Fluorobiphenyl	84	53 - 110
Phenol-d5	35	13 - 44
Nitrobenzene-d5	89	49 - 114
2,4,6-Tribromophenol	98	52 - 122
Terphenyl-d14	89	46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-001**

Lab Sample ID: 460-1570-1
Client Matrix: Water
Date Sampled: 05/08/2009 1020
Date Received: 05/08/2009 2000

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/13/2009 1817
Date Prepared: 05/12/2009 0957
Analysis Batch: 460-6354
Prep Batch: 460-6076
Instrument ID: Trace2
Lab File ID: 6076V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	6220		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	278		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	51400		72.2	5000
Chromium	10.6		3.2	10.0
Cobalt	4.8	J	2.8	50.0
Copper	26.6		3.6	25.0
Iron	22900		40.2	150
Lead	4.5	J	2.8	5.0
Magnesium	25600		56.9	5000
Manganese	531		2.5	15.0
Nickel	6.9	J	3.5	40.0
Potassium	8570	B	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.7	J	0.97	10.0
Sodium	133000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	10.3	J	2.0	50.0
Zinc	19.1	J	5.8	30.0

7470A Mercury (CVAA)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/13/2009 1137
Date Prepared: 05/13/2009 0745
Analysis Batch: 460-6259
Prep Batch: 460-6217
Instrument ID: Leeman5
Lab File ID: 051309.PRN
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.40		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-002**

Lab Sample ID: 460-1570-2
Client Matrix: Water

Date Sampled: 05/08/2009 1140
Date Received: 05/08/2009 2000

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/13/2009 2022
Date Prepared: 05/12/2009 0957

Analysis Batch: 460-6354
Prep Batch: 460-6076

Instrument ID: Trace2
Lab File ID: 6076V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1390		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	253		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	44700		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	5680		40.2	150
Lead	3.3	J	2.8	5.0
Magnesium	12100		56.9	5000
Manganese	420		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	6310	B	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.2	J	0.97	10.0
Sodium	193000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	3.3	J	2.0	50.0
Zinc	6.8	J	5.8	30.0

7470A Mercury (CVAA)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/13/2009 1151
Date Prepared: 05/13/2009 0745

Analysis Batch: 460-6259
Prep Batch: 460-6217

Instrument ID: Leeman5
Lab File ID: 051309.PRN
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-003**

Lab Sample ID: 460-1570-3
Client Matrix: Water

Date Sampled: 05/08/2009 1245
Date Received: 05/08/2009 2000

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/13/2009 2041
Date Prepared: 05/12/2009 0957

Analysis Batch: 460-6354
Prep Batch: 460-6076

Instrument ID: Trace2
Lab File ID: 6076V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1180		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	491		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	49900		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	17.8	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	67100		40.2	150
Lead	3.4	J	2.8	5.0
Magnesium	32900		56.9	5000
Manganese	1710		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	3620	J B	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	102000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.3	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/13/2009 1158
Date Prepared: 05/13/2009 0745

Analysis Batch: 460-6259
Prep Batch: 460-6217

Instrument ID: Leeman5
Lab File ID: 051309.PRN
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-004**

Lab Sample ID: 460-1570-4 Date Sampled: 05/08/2009 1250
Client Matrix: Water Date Received: 05/08/2009 2000

6010B Metals (ICP)

Method: 6010B Analysis Batch: 460-6354 Instrument ID: Trace2
Preparation: 3010A Prep Batch: 460-6076 Lab File ID: 6076V1
Dilution: 1.0 Initial Weight/Volume: 100 mL
Date Analyzed: 05/13/2009 2047 Final Weight/Volume: 100 mL
Date Prepared: 05/12/2009 0957

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1050		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	465		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	46600		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	16.1	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	63800		40.2	150
Lead	3.4	J	2.8	5.0
Magnesium	31300		56.9	5000
Manganese	1620		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	3390	J B	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	98500		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.1	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method: 7470A Analysis Batch: 460-6259 Instrument ID: Leeman5
Preparation: 7470A Prep Batch: 460-6217 Lab File ID: 051309.PRN
Dilution: 1.0 Initial Weight/Volume: 100 mL
Date Analyzed: 05/13/2009 1159 Final Weight/Volume: 100 mL
Date Prepared: 05/13/2009 0745

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Client Sample ID: **GW-017338-050809-ACH-005**

Lab Sample ID: 460-1570-5
Client Matrix: Water

Date Sampled: 05/08/2009 1315
Date Received: 05/08/2009 2000

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/13/2009 1713
Date Prepared: 05/13/2009 0936

Analysis Batch: 460-6352
Prep Batch: 460-6220

Instrument ID: Trace3
Lab File ID: 5953
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	5.5	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	459	J	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	229	J	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	901	J	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.2	J B	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/13/2009 1202
Date Prepared: 05/13/2009 0745

Analysis Batch: 460-6259
Prep Batch: 460-6217

Instrument ID: Leeman5
Lab File ID: 051309.PRN
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec
460-1570-1	GW-017338-050809-ACH-001	87	85	85
460-1570-2	GW-017338-050809-ACH-002	94	84	85
460-1570-3	GW-017338-050809-ACH-003	90	88	87
460-1570-4	GW-017338-050809-ACH-004	92	88	87
460-1570-5	GW-017338-050809-ACH-005	96	87	86
460-1570-6	TB-017338-050809-ACH-001	89	85	87
MB 460-6344/5		93	83	85
MB 460-6470/4		94	86	85
LCS 460-6344/3		89	85	87
LCS 460-6470/3		95	87	88
460-1570-1 MS	GW-017338-050809-ACH-001 MS	91	85	87
460-1591-C-2 MS		92	84	86
460-1570-1 MSD	GW-017338-050809-ACH-001 MSD	92	87	87
460-1591-C-2 MSD		96	87	90

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	56-125
TOL = Toluene-d8 (Surr)	72-127
BFB = Bromofluorobenzene	72-145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-1570-1	GW-017338-050809-ACH-001	50	35	92	85	102	88
460-1570-2	GW-017338-050809-ACH-002	46	32	87	84	98	87
460-1570-3	GW-017338-050809-ACH-003	61	53X	84	84	96	82
460-1570-4	GW-017338-050809-ACH-004	50	38	82	86	97	80
460-1570-5	GW-017338-050809-ACH-005	48	35	89	84	98	89
MB 460-6177/1-A		50	35	86	82	94	84
LCS 460-6177/2-A		50	35	91	84	100	96
460-1570-1 MS	GW-017338-050809-ACH-001 MS	46	34	88	84	99	85
460-1570-1 MSD	GW-017338-050809-ACH-001 MSD	59	40	100	90	104	98

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	19-66
PHL = Phenol-d5	13-44
NBZ = Nitrobenzene-d5	49-114
FBP = 2-Fluorobiphenyl	53-110
TBP = 2,4,6-Tribromophenol	52-122
TPH = Terphenyl-d14	46-129

Method Blank - Batch: 460-6344

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-6344/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/14/2009 0732
Date Prepared: 05/14/2009 0732

Analysis Batch: 460-6344
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d09196.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Method Blank - Batch: 460-6344

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-6344/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/14/2009 0732
Date Prepared: 05/14/2009 0732

Analysis Batch: 460-6344
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d09196.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	56 - 125
Toluene-d8 (Surr)	83	72 - 127
Bromofluorobenzene	85	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Control Sample - Batch: 460-6344

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-6344/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/14/2009 0554
Date Prepared: 05/14/2009 0554

Analysis Batch: 460-6344
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d09192.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	17.9	90	70 - 130	
Chloromethane	20.0	18.7	93	69 - 134	
Bromomethane	20.0	17.6	88	64 - 145	
Vinyl chloride	20.0	18.8	94	74 - 128	
Chloroethane	20.0	19.3	96	52 - 155	
Trichlorofluoromethane	20.0	22.5	112	51 - 165	
Freon TF	20.0	18.5	93	70 - 130	
Methylene Chloride	20.0	20.2	101	78 - 129	
Acetone	20.0	10.5	53	69 - 143	*
Carbon disulfide	20.0	20.8	104	71 - 129	
Methyl acetate	20.0	27.5	138	70 - 130	*
1,1-Dichloroethene	20.0	19.1	95	67 - 133	
1,1-Dichloroethane	20.0	19.5	98	73 - 129	
cis-1,2-Dichloroethene	20.0	20.0	100	80 - 120	
trans-1,2-Dichloroethene	20.0	19.7	99	78 - 129	
MTBE	20.0	17.7	88	70 - 130	
Chloroform	20.0	20.4	102	80 - 120	
1,2-Dichloroethane	20.0	20.1	101	79 - 129	
2-Butanone	20.0	21.0	105	58 - 131	
1,1,1-Trichloroethane	20.0	20.8	104	77 - 130	
Cyclohexane	20.0	20.7	104	70 - 130	
Carbon tetrachloride	20.0	22.1	110	76 - 131	
Bromodichloromethane	20.0	20.1	101	76 - 124	
1,2-Dichloropropane	20.0	19.4	97	76 - 127	
cis-1,3-Dichloropropene	20.0	19.9	100	80 - 120	
Trichloroethene	20.0	19.7	98	75 - 127	
Methylcyclohexane	20.0	24.9	125	70 - 130	
Dibromochloromethane	20.0	20.7	104	80 - 120	
1,1,2-Trichloroethane	20.0	20.6	103	76 - 130	
Benzene	20.0	20.1	101	73 - 131	
trans-1,3-Dichloropropene	20.0	19.3	96	76 - 126	
Bromoform	20.0	21.2	106	56 - 129	
Isopropylbenzene	20.0	23.6	118	70 - 130	
4-Methyl-2-pentanone	20.0	18.8	94	60 - 130	
2-Hexanone	20.0	18.1	91	53 - 135	
Tetrachloroethene	20.0	21.9	109	78 - 125	
Toluene	20.0	19.8	99	78 - 128	
1,1,2,2-Tetrachloroethane	20.0	20.4	102	65 - 129	
Chlorobenzene	20.0	19.9	99	79 - 125	
Ethylbenzene	20.0	20.6	103	77 - 130	
Xylenes, Total	60.0	60.9	101	70 - 130	
Styrene	20.0	19.2	96	75 - 127	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Control Sample - Batch: 460-6344

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-6344/3	Analysis Batch:	460-6344	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09192.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 0554			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 0554				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	20.0	19.5	97	70 - 130	
1,3-Dichlorobenzene	20.0	20.6	103	80 - 120	
1,4-Dichlorobenzene	20.0	20.5	102	80 - 120	
1,2-Dichlorobenzene	20.0	20.5	102	80 - 120	
1,2,4-Trichlorobenzene	20.0	22.3	111	70 - 130	
1,2-Dibromoethane	20.0	19.7	98	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	56 - 125
Toluene-d8 (Surr)	85	72 - 127
Bromofluorobenzene	87	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-6344

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-1570-1	Analysis Batch:	460-6344	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09204.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 1047			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 1047				

MSD Lab Sample ID:	460-1570-1	Analysis Batch:	460-6344	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09205.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 1111			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 1111				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	86	95	70 - 130	10	30		
Chloromethane	85	94	69 - 134	10	30		
Bromomethane	85	88	64 - 145	3	30		
Vinyl chloride	93	96	74 - 128	4	30		
Chloroethane	92	101	52 - 155	9	30		
Trichlorofluoromethane	131	111	51 - 165	16	30		
Freon TF	75	92	70 - 130	20	30		
Methylene Chloride	98	101	78 - 129	3	30		
Acetone	94	97	69 - 143	3	30		
Carbon disulfide	97	104	71 - 129	7	30		
Methyl acetate	96	96	70 - 130	0	30		
1,1-Dichloroethene	78	88	67 - 133	13	30		
1,1-Dichloroethane	98	100	73 - 129	2	30		
cis-1,2-Dichloroethene	96	98	80 - 120	3	30		
trans-1,2-Dichloroethene	93	97	78 - 129	3	30		
MTBE	99	103	70 - 130	4	30		
Chloroform	99	103	80 - 120	4	30		
1,2-Dichloroethane	98	101	79 - 129	2	30		
2-Butanone	106	110	58 - 131	5	30		
1,1,1-Trichloroethane	97	103	77 - 130	6	30		
Cyclohexane	100	108	70 - 130	8	30		
Carbon tetrachloride	101	108	76 - 131	7	30		
Bromodichloromethane	100	102	76 - 124	2	30		
1,2-Dichloropropane	98	101	76 - 127	2	30		
cis-1,3-Dichloropropene	93	97	80 - 120	4	30		
Trichloroethene	95	99	75 - 127	5	30		
Methylcyclohexane	115	124	70 - 130	7	30		
Dibromochloromethane	99	102	80 - 120	3	30		
1,1,2-Trichloroethane	99	102	76 - 130	2	30		
Benzene	96	101	73 - 131	5	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-6344

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-1570-1	Analysis Batch:	460-6344	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09204.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 1047			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 1047				

MSD Lab Sample ID:	460-1570-1	Analysis Batch:	460-6344	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09205.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 1111			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 1111				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	94	95	76 - 126	1	30		
Bromoform	107	109	56 - 129	2	30		
Isopropylbenzene	113	117	70 - 130	4	30		
4-Methyl-2-pentanone	102	102	60 - 130	0	30		
2-Hexanone	95	111	53 - 135	15	30		
Tetrachloroethene	101	105	78 - 125	4	30		
Toluene	98	100	78 - 128	2	30		
1,1,2,2-Tetrachloroethane	104	107	65 - 129	3	30		
Chlorobenzene	97	100	79 - 125	3	30		
Ethylbenzene	98	105	77 - 130	7	30		
Xylenes, Total	100	104	70 - 130	4	30		
Styrene	96	98	75 - 127	2	30		
1,2-Dibromo-3-Chloropropane	101	103	70 - 130	2	30		
1,3-Dichlorobenzene	98	103	80 - 120	4	30		
1,4-Dichlorobenzene	99	102	80 - 120	2	30		
1,2-Dichlorobenzene	99	102	80 - 120	3	30		
1,2,4-Trichlorobenzene	105	108	70 - 130	3	30		
1,2-Dibromoethane	98	99	70 - 130	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	92	56 - 125
Toluene-d8 (Surr)	85	87	72 - 127
Bromofluorobenzene	87	87	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-6344

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-1570-1	Units: ug/L	MSD Lab Sample ID:	460-1570-1	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	05/14/2009 1047		Date Analyzed:	05/14/2009 1111	
Date Prepared:	05/14/2009 1047		Date Prepared:	05/14/2009 1111	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	1.0	U	20.0	20.0	17.2	18.9
Chloromethane	1.0	U	20.0	20.0	17.0	18.8
Bromomethane	1.0	U	20.0	20.0	17.1	17.7
Vinyl chloride	1.0	U	20.0	20.0	18.5	19.2
Chloroethane	1.0	U	20.0	20.0	18.5	20.2
Trichlorofluoromethane	1.0	U	20.0	20.0	26.2	22.3
Freon TF	1.0	U	20.0	20.0	15.1	18.5
Methylene Chloride	1.0	U	20.0	20.0	19.6	20.1
Acetone	10	U	20.0	20.0	18.9	19.5
Carbon disulfide	1.0	U	20.0	20.0	19.5	20.8
Methyl acetate	2.0	U	20.0	20.0	19.2	19.2
1,1-Dichloroethene	1.0	U	20.0	20.0	15.5	17.6
1,1-Dichloroethane	1.0	U	20.0	20.0	19.6	20.0
cis-1,2-Dichloroethene	1.0	U	20.0	20.0	19.1	19.7
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	18.7	19.3
MTBE	1.0	U	20.0	20.0	19.8	20.6
Chloroform	1.0	U	20.0	20.0	19.9	20.7
1,2-Dichloroethane	1.0	U	20.0	20.0	19.7	20.2
2-Butanone	10	U	20.0	20.0	21.1	22.1
1,1,1-Trichloroethane	1.0	U	20.0	20.0	19.3	20.5
Cyclohexane	1.0	U	20.0	20.0	20.0	21.6
Carbon tetrachloride	1.0	U	20.0	20.0	20.2	21.6
Bromodichloromethane	1.0	U	20.0	20.0	20.0	20.4
1,2-Dichloropropane	1.0	U	20.0	20.0	19.7	20.1
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	18.6	19.4
Trichloroethene	1.0	U	20.0	20.0	18.9	19.8
Methylcyclohexane	1.0	U	20.0	20.0	23.0	24.7
Dibromochloromethane	1.0	U	20.0	20.0	19.8	20.3
1,1,2-Trichloroethane	1.0	U	20.0	20.0	19.8	20.3
Benzene	1.0	U	20.0	20.0	19.3	20.2
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	18.8	19.0
Bromoform	1.0	U	20.0	20.0	21.4	21.8
Isopropylbenzene	1.0	U	20.0	20.0	22.5	23.4
4-Methyl-2-pentanone	10	U	20.0	20.0	20.3	20.4
2-Hexanone	10	U	20.0	20.0	19.0	22.1
Tetrachloroethene	1.0	U	20.0	20.0	20.2	21.1
Toluene	1.0	U	20.0	20.0	19.5	19.9
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	20.7	21.3
Chlorobenzene	1.0	U	20.0	20.0	19.5	20.1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-6344

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-1570-1	Units: ug/L	MSD Lab Sample ID:	460-1570-1	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	05/14/2009 1047		Date Analyzed:	05/14/2009 1111	
Date Prepared:	05/14/2009 1047		Date Prepared:	05/14/2009 1111	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Ethylbenzene	1.0	U	20.0	20.0	19.5	20.9
Xylenes, Total	3.0	U	60.0	60.0	60.1	62.6
Styrene	1.0	U	20.0	20.0	19.2	19.6
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	20.2	20.6
1,3-Dichlorobenzene	1.0	U	20.0	20.0	19.7	20.5
1,4-Dichlorobenzene	1.0	U	20.0	20.0	19.8	20.3
1,2-Dichlorobenzene	1.0	U	20.0	20.0	19.7	20.3
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	21.1	21.7
1,2-Dibromoethane	1.0	U	20.0	20.0	19.7	19.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-6470

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-6470/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/14/2009 1937
Date Prepared: 05/14/2009 1937

Analysis Batch: 460-6470
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d09222.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Method Blank - Batch: 460-6470

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-6470/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/14/2009 1937
Date Prepared: 05/14/2009 1937

Analysis Batch: 460-6470
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d09222.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	56 - 125
Toluene-d8 (Surr)	86	72 - 127
Bromofluorobenzene	85	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Control Sample - Batch: 460-6470

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-6470/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/14/2009 1806
Date Prepared: 05/14/2009 1806

Analysis Batch: 460-6470
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d09219.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	19.1	95	70 - 130	
Chloromethane	20.0	21.2	106	69 - 134	
Bromomethane	20.0	21.4	107	64 - 145	
Vinyl chloride	20.0	20.2	101	74 - 128	
Chloroethane	20.0	20.4	102	52 - 155	
Trichlorofluoromethane	20.0	23.0	115	51 - 165	
Freon TF	20.0	18.3	92	70 - 130	
Methylene Chloride	20.0	19.1	96	78 - 129	
Acetone	20.0	16.9	85	69 - 143	
Carbon disulfide	20.0	18.0	90	71 - 129	
Methyl acetate	20.0	17.5	87	70 - 130	
1,1-Dichloroethene	20.0	16.4	82	67 - 133	
1,1-Dichloroethane	20.0	17.8	89	73 - 129	
cis-1,2-Dichloroethene	20.0	18.2	91	80 - 120	
trans-1,2-Dichloroethene	20.0	17.4	87	78 - 129	
MTBE	20.0	19.0	95	70 - 130	
Chloroform	20.0	18.2	91	80 - 120	
1,2-Dichloroethane	20.0	19.2	96	79 - 129	
2-Butanone	20.0	20.3	101	58 - 131	
1,1,1-Trichloroethane	20.0	17.4	87	77 - 130	
Cyclohexane	20.0	15.9	79	70 - 130	
Carbon tetrachloride	20.0	18.0	90	76 - 131	
Bromodichloromethane	20.0	18.5	93	76 - 124	
1,2-Dichloropropane	20.0	17.5	88	76 - 127	
cis-1,3-Dichloropropene	20.0	18.1	90	80 - 120	
Trichloroethene	20.0	17.2	86	75 - 127	
Methylcyclohexane	20.0	20.7	103	70 - 130	
Dibromochloromethane	20.0	18.8	94	80 - 120	
1,1,2-Trichloroethane	20.0	19.0	95	76 - 130	
Benzene	20.0	17.8	89	73 - 131	
trans-1,3-Dichloropropene	20.0	17.8	89	76 - 126	
Bromoform	20.0	20.1	100	56 - 129	
Isopropylbenzene	20.0	18.8	94	70 - 130	
4-Methyl-2-pentanone	20.0	18.4	92	60 - 130	
2-Hexanone	20.0	19.8	99	53 - 135	
Tetrachloroethene	20.0	17.5	88	78 - 125	
Toluene	20.0	16.8	84	78 - 128	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	65 - 129	
Chlorobenzene	20.0	17.9	89	79 - 125	
Ethylbenzene	20.0	17.1	86	77 - 130	
Xylenes, Total	60.0	52.3	87	70 - 130	
Styrene	20.0	17.2	86	75 - 127	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Control Sample - Batch: 460-6470

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-6470/3	Analysis Batch:	460-6470	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09219.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 1806			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 1806				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	20.0	18.6	93	70 - 130	
1,3-Dichlorobenzene	20.0	18.4	92	80 - 120	
1,4-Dichlorobenzene	20.0	18.4	92	80 - 120	
1,2-Dichlorobenzene	20.0	18.6	93	80 - 120	
1,2,4-Trichlorobenzene	20.0	19.7	99	70 - 130	
1,2-Dibromoethane	20.0	18.4	92	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	56 - 125
Toluene-d8 (Surr)	87	72 - 127
Bromofluorobenzene	88	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-6470

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-1591-C-2 MS	Analysis Batch:	460-6470	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09225.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 2143			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 2143				

MSD Lab Sample ID:	460-1591-C-2 MSD	Analysis Batch:	460-6470	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09226.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 2207			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 2207				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	75	79	70 - 130	4	30		
Chloromethane	85	87	69 - 134	2	30		
Bromomethane	89	92	64 - 145	4	30		
Vinyl chloride	88	98	74 - 128	11	30		
Chloroethane	95	101	52 - 155	6	30		
Trichlorofluoromethane	109	116	51 - 165	6	30		
Freon TF	94	100	70 - 130	6	30		
Methylene Chloride	95	104	78 - 129	10	30		
Acetone	28	104	69 - 143	115	30	J F	F
Carbon disulfide	99	109	71 - 129	9	30		
Methyl acetate	95	112	70 - 130	17	30		
1,1-Dichloroethene	89	101	67 - 133	12	30		
1,1-Dichloroethane	92	101	73 - 129	9	30		
cis-1,2-Dichloroethene	93	101	80 - 120	9	30		
trans-1,2-Dichloroethene	91	100	78 - 129	9	30		
MTBE	91	99	70 - 130	8	30		
Chloroform	97	105	80 - 120	8	30		
1,2-Dichloroethane	96	104	79 - 129	7	30		
2-Butanone	100	107	58 - 131	7	30		
1,1,1-Trichloroethane	99	109	77 - 130	9	30		
Cyclohexane	88	104	70 - 130	16	30		
Carbon tetrachloride	104	114	76 - 131	9	30		
Bromodichloromethane	94	102	76 - 124	8	30		
1,2-Dichloropropane	92	100	76 - 127	8	30		
cis-1,3-Dichloropropene	91	95	80 - 120	4	30		
Trichloroethene	91	99	75 - 127	7	30		
Methylcyclohexane	115	126	70 - 130	9	30		
Dibromochloromethane	97	104	80 - 120	7	30		
1,1,2-Trichloroethane	96	103	76 - 130	7	30		
Benzene	89	100	73 - 131	9	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-6470

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-1591-C-2 MS	Analysis Batch:	460-6470	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09225.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 2143			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 2143				

MSD Lab Sample ID:	460-1591-C-2 MSD	Analysis Batch:	460-6470	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d09226.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/14/2009 2207			Final Weight/Volume:	5 mL
Date Prepared:	05/14/2009 2207				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	89	96	76 - 126	7	30		
Bromoform	100	107	56 - 129	7	30		
Isopropylbenzene	110	120	70 - 130	8	30		
4-Methyl-2-pentanone	86	95	60 - 130	9	30		
2-Hexanone	83	93	53 - 135	11	30		
Tetrachloroethene	103	112	78 - 125	8	30		
Toluene	89	97	78 - 128	8	30		
1,1,2,2-Tetrachloroethane	94	102	65 - 129	7	30		
Chlorobenzene	92	99	79 - 125	7	30		
Ethylbenzene	46	65	77 - 130	6	30	F	F
Xylenes, Total	95	103	70 - 130	7	30		
Styrene	90	97	75 - 127	8	30		
1,2-Dibromo-3-Chloropropane	88	98	70 - 130	10	30		
1,3-Dichlorobenzene	95	102	80 - 120	7	30		
1,4-Dichlorobenzene	97	102	80 - 120	6	30		
1,2-Dichlorobenzene	96	101	80 - 120	5	30		
1,2,4-Trichlorobenzene	104	110	70 - 130	6	30		
1,2-Dibromoethane	92	100	70 - 130	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	96	56 - 125
Toluene-d8 (Surr)	84	87	72 - 127
Bromofluorobenzene	86	90	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-6470

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-1591-C-2 MS	Units: ug/L	MSD Lab Sample ID:	460-1591-C-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	5.0		Dilution:	5.0	
Date Analyzed:	05/14/2009 2143		Date Analyzed:	05/14/2009 2207	
Date Prepared:	05/14/2009 2143		Date Prepared:	05/14/2009 2207	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	1.0	U	100	100	75.5		78.6	
Chloromethane	1.0	U	100	100	85.4		87.1	
Bromomethane	1.0	U	100	100	88.9		92.2	
Vinyl chloride	1.0	U	100	100	88.0		98.0	
Chloroethane	1.0	U	100	100	94.8		101	
Trichlorofluoromethane	1.0	U	100	100	109		116	
Freon TF	1.0	U	100	100	94.0		100	
Methylene Chloride	1.0	U	100	100	94.7		104	
Acetone	10	U	100	100	27.8	J F	104	F
Carbon disulfide	1.0	U	100	100	98.9		109	
Methyl acetate	2.0	U	100	100	94.9		112	
1,1-Dichloroethene	0.40	J	100	100	89.6		102	
1,1-Dichloroethane	1.0	U	100	100	92.2		101	
cis-1,2-Dichloroethene	2.2		100	100	95.0		104	
trans-1,2-Dichloroethene	1.0	U	100	100	91.2		99.7	
MTBE	1.0	U	100	100	91.0		98.5	
Chloroform	0.60	J	100	100	97.7		106	
1,2-Dichloroethane	17		100	100	112		120	
2-Butanone	10	U	100	100	100		107	
1,1,1-Trichloroethane	1.0	U	100	100	99.1		109	
Cyclohexane	1.5		100	100	89.8		106	
Carbon tetrachloride	1.0	U	100	100	104		114	
Bromodichloromethane	1.0	U	100	100	93.6		102	
1,2-Dichloropropane	1.0	U	100	100	91.7		99.8	
cis-1,3-Dichloropropene	1.0	U	100	100	90.9		95.0	
Trichloroethene	12		100	100	104		111	
Methylcyclohexane	5.2		100	100	120		131	
Dibromochloromethane	1.0	U	100	100	96.6		104	
1,1,2-Trichloroethane	0.55	J	100	100	96.5		104	
Benzene	26		100	100	115		125	
trans-1,3-Dichloropropene	1.0	U	100	100	89.2		96.1	
Bromoform	1.0	U	100	100	99.9		107	
Isopropylbenzene	0.85	J	100	100	111		121	
4-Methyl-2-pentanone	10	U	100	100	86.0		94.6	
2-Hexanone	10	U	100	100	83.2		93.2	
Tetrachloroethene	2.1		100	100	105		114	
Toluene	1.0	U	100	100	89.5		96.5	
1,1,2,2-Tetrachloroethane	1.0	U	100	100	94.3		102	
Chlorobenzene	10		100	100	102		109	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-6470

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-1591-C-2 MS	Units: ug/L	MSD Lab Sample ID:	460-1591-C-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	5.0		Dilution:	5.0	
Date Analyzed:	05/14/2009 2143		Date Analyzed:	05/14/2009 2207	
Date Prepared:	05/14/2009 2143		Date Prepared:	05/14/2009 2207	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Ethylbenzene	250		100	100	296	F	316	F
Xylenes, Total	3.0	U	300	300	286		308	
Styrene	1.0	U	100	100	89.7		97.0	
1,2-Dibromo-3-Chloropropane	1.0	U	100	100	88.4		97.6	
1,3-Dichlorobenzene	1.0	U	100	100	94.8		102	
1,4-Dichlorobenzene	1.0	U	100	100	96.6		102	
1,2-Dichlorobenzene	1.0	U	100	100	95.6		101	
1,2,4-Trichlorobenzene	1.0	U	100	100	104		110	
1,2-Dibromoethane	1.0	U	100	100	92.4		100	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Method Blank - Batch: 460-6177

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-6177/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/14/2009 1901
Date Prepared: 05/12/2009 1840

Analysis Batch: 460-6657
Prep Batch: 460-6177
Units: ug/L

Instrument ID: BNAMS2
Lab File ID: s42618.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Benzaldehyde	10	U	1.3	10
Phenol	10	U	0.89	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Caprolactam	10	U	0.50	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Method Blank - Batch: 460-6177

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-6177/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/14/2009 1901
Date Prepared: 05/12/2009 1840

Analysis Batch: 460-6657
Prep Batch: 460-6177
Units: ug/L

Instrument ID: BNAMS2
Lab File ID: s42618.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.1	30
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.4	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	50	19 - 66
2-Fluorobiphenyl	82	53 - 110
Phenol-d5	35	13 - 44
Nitrobenzene-d5	86	49 - 114
2,4,6-Tribromophenol	94	52 - 122
Terphenyl-d14	84	46 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Control Sample - Batch: 460-6177

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 460-6177/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/14/2009 1935
Date Prepared: 05/12/2009 1840

Analysis Batch: 460-6657
Prep Batch: 460-6177
Units: ug/L

Instrument ID: BNAMS2
Lab File ID: s42619.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	100	96.5	96	26 - 176	
Phenol	100	41.6	42	17 - 145	
Bis(2-chloroethyl)ether	100	97.3	97	47 - 122	
2-Chlorophenol	100	77.8	78	58 - 98	
2-Methylphenol	100	74.5	74	50 - 86	
Acetophenone	100	106	106	66 - 112	
N-Nitrosodi-n-propylamine	100	93.1	93	56 - 120	
Hexachloroethane	100	70.6	71	12 - 127	
Nitrobenzene	100	86.7	87	21 - 131	
Isophorone	100	87.6	88	39 - 136	
2-Nitrophenol	100	86.7	87	65 - 113	
2,4-Dimethylphenol	100	78.2	78	38 - 111	
Bis(2-chloroethoxy)methane	100	91.1	91	66 - 112	
2,4-Dichlorophenol	100	90.1	90	22 - 143	
Naphthalene	100	80.4	80	61 - 108	
4-Chloroaniline	100	82.1	82	32 - 97	
Hexachlorobutadiene	100	87.7	88	43 - 112	
Caprolactam	100	29.3	29	2 - 35	
4-Chloro-3-methylphenol	100	86.2	86	59 - 107	
2-Methylnaphthalene	100	90.7	91	57 - 110	
Hexachlorocyclopentadiene	100	69.5	69	41 - 124	
2,4,6-Trichlorophenol	100	89.6	90	65 - 117	
2,4,5-Trichlorophenol	100	87.3	87	66 - 111	
2-Chloronaphthalene	100	80.1	80	64 - 109	
2-Nitroaniline	100	82.6	83	65 - 116	
Dimethyl phthalate	100	92.9	93	68 - 110	
Acenaphthylene	100	78.5	78	63 - 110	
2,6-Dinitrotoluene	100	85.8	86	73 - 112	
3-Nitroaniline	100	78.5	78	55 - 100	
Acenaphthene	100	79.7	80	66 - 117	
2,4-Dinitrophenol	100	87.8	88	59 - 130	
4-Nitrophenol	100	32.9	33	0.1 - 111	
Dibenzofuran	100	84.4	84	70 - 113	
2,4-Dinitrotoluene	100	86.8	87	70 - 117	
Diethyl phthalate	100	79.2	79	69 - 110	
4-Chlorophenyl phenyl ether	100	89.3	89	65 - 116	
Fluorene	100	92.2	92	70 - 110	
4-Nitroaniline	100	76.1	76	55 - 107	
4,6-Dinitro-2-methylphenol	100	86.3	86	58 - 129	
N-Nitrosodiphenylamine	100	88.1	88	61 - 111	
4-Bromophenyl phenyl ether	100	93.0	93	61 - 113	
Hexachlorobenzene	100	95.0	95	59 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Control Sample - Batch: 460-6177

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-6177/2-A	Analysis Batch:	460-6657	Instrument ID:	BNAMS2
Client Matrix:	Water	Prep Batch:	460-6177	Lab File ID:	s42619.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	05/14/2009 1935			Final Weight/Volume:	2 mL
Date Prepared:	05/12/2009 1840			Injection Volume:	1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	100	87.1	87	46 - 128	
Pentachlorophenol	100	96.9	97	72 - 122	
Phenanthrene	100	82.3	82	65 - 115	
Anthracene	100	82.7	83	69 - 106	
Carbazole	100	77.9	78	65 - 106	
Di-n-butyl phthalate	100	72.3	72	59 - 113	
Fluoranthene	100	83.7	84	60 - 113	
Pyrene	100	85.7	86	66 - 115	
Butyl benzyl phthalate	100	74.6	75	66 - 110	
3,3'-Dichlorobenzidine	100	88.3	88	34 - 100	
Benzo[a]anthracene	100	88.6	89	64 - 110	
Chrysene	100	87.6	88	67 - 115	
Bis(2-ethylhexyl) phthalate	100	62.8	63	66 - 112	*
Di-n-octyl phthalate	100	70.6	71	62 - 174	
Benzo[b]fluoranthene	100	85.8	86	60 - 164	
Benzo[k]fluoranthene	100	84.4	84	48 - 199	
Benzo[a]pyrene	100	75.6	76	50 - 172	
Indeno[1,2,3-cd]pyrene	100	88.0	88	44 - 191	
Dibenz(a,h)anthracene	100	84.7	85	42 - 186	
Benzo[g,h,i]perylene	100	81.0	81	37 - 192	
Diphenyl	100	81.9	82	67 - 112	
bis (2-chloroisopropyl) ether	100	84.2	84	47 - 122	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	50	19 - 66
2-Fluorobiphenyl	84	53 - 110
Phenol-d5	35	13 - 44
Nitrobenzene-d5	91	49 - 114
2,4,6-Tribromophenol	100	52 - 122
Terphenyl-d14	96	46 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-6177

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-1570-1	Analysis Batch:	460-6657	Instrument ID:	BNAMS2
Client Matrix:	Water	Prep Batch:	460-6177	Lab File ID:	s42621.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/14/2009 2044			Final Weight/Volume:	2 mL
Date Prepared:	05/12/2009 1840			Injection Volume:	1.0 uL

MSD Lab Sample ID:	460-1570-1	Analysis Batch:	460-6657	Instrument ID:	BNAMS2
Client Matrix:	Water	Prep Batch:	460-6177	Lab File ID:	s42622.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/14/2009 2118			Final Weight/Volume:	2 mL
Date Prepared:	05/12/2009 1840			Injection Volume:	1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	91	104	26 - 176	14	30		
Phenol	40	47	17 - 145	14	30		
Bis(2-chloroethyl)ether	96	101	47 - 122	6	30		
2-Chlorophenol	74	88	58 - 98	17	30		
2-Methylphenol	71	82	50 - 86	14	30		
Acetophenone	105	118	66 - 112	11	30		F
N-Nitrosodi-n-propylamine	92	101	56 - 120	9	30		
Hexachloroethane	68	85	12 - 127	22	30		
Nitrobenzene	80	93	21 - 131	14	30		
Isophorone	84	94	39 - 136	12	30		
2-Nitrophenol	83	95	65 - 113	13	30		
2,4-Dimethylphenol	78	85	38 - 111	9	30		
Bis(2-chloroethoxy)methane	88	97	66 - 112	10	30		
2,4-Dichlorophenol	87	98	22 - 143	13	30		
Naphthalene	77	89	61 - 108	13	30		
4-Chloroaniline	79	91	32 - 97	14	30		
Hexachlorobutadiene	85	101	43 - 112	17	30		
Caprolactam	26	32	2 - 35	18	30		
4-Chloro-3-methylphenol	84	92	59 - 107	9	30		
2-Methylnaphthalene	89	100	57 - 110	12	30		
Hexachlorocyclopentadiene	73	82	41 - 124	13	30		
2,4,6-Trichlorophenol	89	97	65 - 117	8	30		
2,4,5-Trichlorophenol	85	94	66 - 111	10	30		
2-Chloronaphthalene	80	85	64 - 109	7	30		
2-Nitroaniline	79	83	65 - 116	4	30		
Dimethyl phthalate	91	98	68 - 110	8	30		
Acenaphthylene	78	84	63 - 110	8	30		
2,6-Dinitrotoluene	84	89	73 - 112	5	30		
3-Nitroaniline	76	80	55 - 100	4	30		
Acenaphthene	80	86	66 - 117	6	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-6177

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-1570-1	Analysis Batch:	460-6657	Instrument ID:	BNAMS2
Client Matrix:	Water	Prep Batch:	460-6177	Lab File ID:	s42621.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/14/2009 2044			Final Weight/Volume:	2 mL
Date Prepared:	05/12/2009 1840			Injection Volume:	1.0 uL

MSD Lab Sample ID:	460-1570-1	Analysis Batch:	460-6657	Instrument ID:	BNAMS2
Client Matrix:	Water	Prep Batch:	460-6177	Lab File ID:	s42622.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/14/2009 2118			Final Weight/Volume:	2 mL
Date Prepared:	05/12/2009 1840			Injection Volume:	1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,4-Dinitrophenol	87	95	59 - 130	9	30		
4-Nitrophenol	33	38	0.1 - 111	13	30		
Dibenzofuran	87	90	70 - 113	4	30		
2,4-Dinitrotoluene	85	93	70 - 117	9	30		
Diethyl phthalate	78	85	69 - 110	8	30		
4-Chlorophenyl phenyl ether	88	95	65 - 116	8	30		
Fluorene	91	98	70 - 110	8	30		
4-Nitroaniline	75	78	55 - 107	4	30		
4,6-Dinitro-2-methylphenol	87	96	58 - 129	10	30		
N-Nitrosodiphenylamine	83	92	61 - 111	11	30		
4-Bromophenyl phenyl ether	91	105	61 - 113	15	30		
Hexachlorobenzene	92	104	59 - 120	13	30		
Atrazine	86	95	46 - 128	10	30		
Pentachlorophenol	99	109	72 - 122	9	30		
Phenanthrene	82	91	65 - 115	10	30		
Anthracene	81	90	69 - 106	11	30		
Carbazole	77	84	65 - 106	9	30		
Di-n-butyl phthalate	71	77	59 - 113	8	30		
Fluoranthene	82	91	60 - 113	10	30		
Pyrene	77	97	66 - 115	22	30		
Butyl benzyl phthalate	70	82	66 - 110	15	30		
3,3'-Dichlorobenzidine	76	83	34 - 100	10	30		
Benzo[a]anthracene	79	94	64 - 110	18	30		
Chrysene	80	95	67 - 115	17	30		
Bis(2-ethylhexyl) phthalate	52	68	66 - 112	26	30	F	
Di-n-octyl phthalate	69	76	62 - 174	9	30		
Benzo[b]fluoranthene	84	97	60 - 164	15	30		
Benzo[k]fluoranthene	82	98	48 - 199	17	30		
Benzo[a]pyrene	73	85	50 - 172	15	30		
Indeno[1,2,3-cd]pyrene	86	92	44 - 191	7	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-6177

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-1570-1	Analysis Batch:	460-6657	Instrument ID:	BNAMS2
Client Matrix:	Water	Prep Batch:	460-6177	Lab File ID:	s42621.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/14/2009 2044			Final Weight/Volume:	2 mL
Date Prepared:	05/12/2009 1840			Injection Volume:	1.0 uL

MSD Lab Sample ID:	460-1570-1	Analysis Batch:	460-6657	Instrument ID:	BNAMS2
Client Matrix:	Water	Prep Batch:	460-6177	Lab File ID:	s42622.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/14/2009 2118			Final Weight/Volume:	2 mL
Date Prepared:	05/12/2009 1840			Injection Volume:	1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dibenz(a,h)anthracene	82	91	42 - 186	10	30		
Benzo[g,h,i]perylene	77	88	37 - 192	12	30		
Diphenyl	81	88	67 - 112	9	30		
bis (2-chloroisopropyl) ether	84	93	47 - 122	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	46	59	19 - 66
2-Fluorobiphenyl	84	90	53 - 110
Phenol-d5	34	40	13 - 44
Nitrobenzene-d5	88	100	49 - 114
2,4,6-Tribromophenol	99	104	52 - 122
Terphenyl-d14	85	98	46 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-6177

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-1570-1	Units: ug/L	MSD Lab Sample ID:	460-1570-1	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	05/14/2009 2044		Date Analyzed:	05/14/2009 2118	
Date Prepared:	05/12/2009 1840		Date Prepared:	05/12/2009 1840	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzaldehyde	10	U	100	100	90.5	104	
Phenol	10	U	100	100	40.3	46.5	
Bis(2-chloroethyl)ether	1.0	U	100	100	95.8	101	
2-Chlorophenol	10	U	100	100	73.9	87.6	
2-Methylphenol	10	U	100	100	70.7	81.5	
Acetophenone	10	U	100	100	105	118	F
N-Nitrosodi-n-propylamine	1.0	U	100	100	92.2	101	
Hexachloroethane	1.0	U	100	100	68.0	84.7	
Nitrobenzene	1.0	U	100	100	80.3	92.6	
Isophorone	10	U	100	100	84.0	94.5	
2-Nitrophenol	10	U	100	100	82.9	94.6	
2,4-Dimethylphenol	10	U	100	100	78.2	85.4	
Bis(2-chloroethoxy)methane	10	U	100	100	87.5	97.0	
2,4-Dichlorophenol	10	U	100	100	86.7	98.4	
Naphthalene	10	U	100	100	77.4	88.6	
4-Chloroaniline	10	U	100	100	79.4	91.0	
Hexachlorobutadiene	2.0	U	100	100	85.4	101	
Caprolactam	10	U	100	100	26.3	31.6	
4-Chloro-3-methylphenol	10	U	100	100	84.4	92.2	
2-Methylnaphthalene	10	U	100	100	88.7	99.6	
Hexachlorocyclopentadiene	10	U	100	100	72.5	82.2	
2,4,6-Trichlorophenol	10	U	100	100	89.5	96.6	
2,4,5-Trichlorophenol	10	U	100	100	84.8	93.5	
2-Chloronaphthalene	10	U	100	100	79.8	85.4	
2-Nitroaniline	20	U	100	100	79.0	82.6	
Dimethyl phthalate	10	U	100	100	90.6	98.0	
Acenaphthylene	10	U	100	100	77.7	84.2	
2,6-Dinitrotoluene	2.0	U	100	100	84.3	89.0	
3-Nitroaniline	20	U	100	100	76.2	79.5	
Acenaphthene	10	U	100	100	80.3	85.6	
2,4-Dinitrophenol	30	U	100	100	87.0	95.1	
4-Nitrophenol	30	U	100	100	33.1	37.9	
Dibenzofuran	10	U	100	100	86.5	90.0	
2,4-Dinitrotoluene	2.0	U	100	100	84.9	92.6	
Diethyl phthalate	10	U	100	100	78.1	85.0	
4-Chlorophenyl phenyl ether	10	U	100	100	87.9	95.3	
Fluorene	10	U	100	100	90.8	98.0	
4-Nitroaniline	20	U	100	100	74.6	77.6	
4,6-Dinitro-2-methylphenol	30	U	100	100	86.7	96.0	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-6177

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-1570-1	Units: ug/L	MSD Lab Sample ID:	460-1570-1	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	05/14/2009 2044		Date Analyzed:	05/14/2009 2118	
Date Prepared:	05/12/2009 1840		Date Prepared:	05/12/2009 1840	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
N-Nitrosodiphenylamine	10	U	100	100	82.9		92.5
4-Bromophenyl phenyl ether	10	U	100	100	90.9		105
Hexachlorobenzene	1.0	U	100	100	91.5		104
Atrazine	10	U	100	100	86.0		95.2
Pentachlorophenol	30	U	100	100	99.2		109
Phenanthrene	10	U	100	100	81.8		90.8
Anthracene	10	U	100	100	80.9		90.5
Carbazole	10	U	100	100	76.7		83.7
Di-n-butyl phthalate	10	U	100	100	71.0		76.9
Fluoranthene	10	U	100	100	82.4		91.1
Pyrene	10	U	100	100	77.3		96.5
Butyl benzyl phthalate	10	U	100	100	70.1		81.6
3,3'-Dichlorobenzidine	20	U	100	100	75.6		83.5
Benzo[a]anthracene	1.0	U	100	100	78.5		93.9
Chrysene	10	U	100	100	80.0		95.2
Bis(2-ethylhexyl) phthalate	10	U	100	100	52.5	F	68.3
Di-n-octyl phthalate	10	U	100	100	69.5		76.4
Benzo[b]fluoranthene	1.0	U	100	100	83.8		96.9
Benzo[k]fluoranthene	1.0	U	100	100	82.5		97.5
Benzo[a]pyrene	1.0	U	100	100	72.9		84.6
Indeno[1,2,3-cd]pyrene	1.0	U	100	100	86.0		92.4
Dibenz(a,h)anthracene	1.0	U	100	100	81.7		90.7
Benzo[g,h,i]perylene	10	U	100	100	77.3		87.5
Diphenyl	10	U	100	100	81.0		88.4
bis (2-chloroisopropyl) ether	10	U	100	100	83.7		93.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Method Blank - Batch: 460-6076

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 460-6076/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1721
Date Prepared: 05/12/2009 0957

Analysis Batch: 460-6354
Prep Batch: 460-6076
Units: ug/L

Instrument ID: Trace2
Lab File ID: 6076V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	229	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Lab Control Sample - Batch: 460-6076

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 460-6076/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1728
Date Prepared: 05/12/2009 0957

Analysis Batch: 460-6354
Prep Batch: 460-6076
Units: ug/L

Instrument ID: Trace2
Lab File ID: 6076V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2140	107	80 - 120	
Antimony	500	510	102	80 - 120	
Arsenic	2000	2040	102	80 - 120	
Barium	2000	2120	106	80 - 120	
Beryllium	50.0	52.4	105	80 - 120	
Cadmium	50.0	52.7	105	80 - 120	
Calcium	20000	21400	107	80 - 120	
Chromium	200	214	107	80 - 120	
Cobalt	500	515	103	80 - 120	
Copper	250	258	103	80 - 120	
Iron	1000	1090	109	80 - 120	
Lead	500	522	104	80 - 120	
Magnesium	20000	20000	100	80 - 120	
Manganese	500	535	107	80 - 120	
Nickel	500	521	104	80 - 120	
Potassium	20000	21460	107	80 - 120	
Selenium	2000	2020	101	80 - 120	
Silver	50.0	49.8	100	80 - 120	
Sodium	20000	19940	100	80 - 120	
Thallium	2000	2050	102	80 - 120	
Vanadium	500	522	104	80 - 120	
Zinc	500	539	108	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Matrix Spike - Batch: 460-6076

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-1570-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1830
Date Prepared: 05/12/2009 0957

Analysis Batch: 460-6354
Prep Batch: 460-6076
Units: ug/L

Instrument ID: Trace2
Lab File ID: 6076V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	6220		2000	11120	245	75 - 125	
Antimony	10.0	U	500	479	96	75 - 125	
Arsenic	5.0	U	2000	1930	96	75 - 125	
Barium	278		2000	2290	101	75 - 125	
Beryllium	2.0	U	50.0	49.5	99	75 - 125	
Cadmium	5.0	U	50.0	48.9	98	75 - 125	
Calcium	51400		20000	72320	104	75 - 125	
Chromium	10.6		200	209	99	75 - 125	
Cobalt	4.8	J	500	490	97	75 - 125	
Copper	26.6		250	274	99	75 - 125	
Iron	22900		1000	23600	68	75 - 125	4
Lead	4.5	J	500	491	97	75 - 125	
Magnesium	25600		20000	45470	99	75 - 125	
Manganese	531		500	1040	102	75 - 125	
Nickel	6.9	J	500	496	98	75 - 125	
Potassium	8570		20000	29500	105	75 - 125	
Selenium	10.0	U	2000	1920	96	75 - 125	
Silver	1.7	J	50.0	47.8	92	75 - 125	
Sodium	133000		20000	154100	103	75 - 125	4
Thallium	10.0	U	2000	1930	97	75 - 125	
Vanadium	10.3	J	500	499	98	75 - 125	
Zinc	19.1	J	500	518	100	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Duplicate - Batch: 460-6076

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-1570-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1811
Date Prepared: 05/12/2009 0957

Analysis Batch: 460-6354
Prep Batch: 460-6076
Units: ug/L

Instrument ID: Trace2
Lab File ID: 6076V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	6220		6190	1	20	
Antimony	10.0	U	10.0	NC	20	U
Arsenic	5.0	U	4.44	NC	20	J
Barium	278		282	1	20	
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	51400		53020	3	20	
Chromium	10.6		11.1	5	20	
Cobalt	4.8	J	4.71	3	20	J
Copper	26.6		29.2	9	20	
Iron	22900		23340	2	20	
Lead	4.5	J	3.13	37	20	J
Magnesium	25600		26220	2	20	
Manganese	531		544	3	20	
Nickel	6.9	J	7.46	8	20	J
Potassium	8570		8680	1	20	
Selenium	10.0	U	10.0	NC	20	U
Silver	1.7	J	10.0	NC	20	U
Sodium	133000		135800	2	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	10.3	J	10.6	3	20	J
Zinc	19.1	J	42.7	76	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Method Blank - Batch: 460-6220

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 460-6220/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1653
Date Prepared: 05/13/2009 0936

Analysis Batch: 460-6352
Prep Batch: 460-6220
Units: ug/L

Instrument ID: Trace3
Lab File ID: 5953
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	3.0	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Lab Control Sample - Batch: 460-6220

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 460-6220/2-A	Analysis Batch:	460-6352	Instrument ID:	Trace3
Client Matrix:	Water	Prep Batch:	460-6220	Lab File ID:	5953
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	100 mL
Date Analyzed:	05/13/2009 1700			Final Weight/Volume:	100 mL
Date Prepared:	05/13/2009 0936				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2110	106	80 - 120	
Antimony	500	497	99	80 - 120	
Arsenic	2000	2070	104	80 - 120	
Barium	2000	2060	103	80 - 120	
Beryllium	50.0	51.3	103	80 - 120	
Cadmium	50.0	54.0	108	80 - 120	
Calcium	20000	21330	107	80 - 120	
Chromium	200	213	107	80 - 120	
Cobalt	500	524	105	80 - 120	
Copper	250	249	100	80 - 120	
Iron	1000	1070	107	80 - 120	
Lead	500	519	104	80 - 120	
Magnesium	20000	19870	99	80 - 120	
Manganese	500	525	105	80 - 120	
Nickel	500	534	107	80 - 120	
Potassium	20000	21660	108	80 - 120	
Selenium	2000	2040	102	80 - 120	
Silver	50.0	48.7	97	80 - 120	
Sodium	20000	19820	99	80 - 120	
Thallium	2000	2120	106	80 - 120	
Vanadium	500	511	102	80 - 120	
Zinc	500	528	106	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Matrix Spike - Batch: 460-6220

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-1570-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1727
Date Prepared: 05/13/2009 0936

Analysis Batch: 460-6352
Prep Batch: 460-6220
Units: ug/L

Instrument ID: Trace3
Lab File ID: 5953
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	2080	104	75 - 125	
Antimony	10.0	U	500	495	99	75 - 125	
Arsenic	5.0	U	2000	2100	105	75 - 125	
Barium	5.5	J	2000	2030	101	75 - 125	
Beryllium	2.0	U	50.0	51.4	103	75 - 125	
Cadmium	5.0	U	50.0	53.2	106	75 - 125	
Calcium	459	J	20000	21640	106	75 - 125	
Chromium	10.0	U	200	206	103	75 - 125	
Cobalt	50.0	U	500	519	104	75 - 125	
Copper	25.0	U	250	244	97	75 - 125	
Iron	150	U	1000	1060	106	75 - 125	
Lead	5.0	U	500	517	103	75 - 125	
Magnesium	229	J	20000	20270	100	75 - 125	
Manganese	15.0	U	500	518	104	75 - 125	
Nickel	40.0	U	500	528	106	75 - 125	
Potassium	5000	U	20000	21470	107	75 - 125	
Selenium	10.0	U	2000	2150	108	75 - 125	
Silver	10.0	U	50.0	48.5	97	75 - 125	
Sodium	901	J	20000	20450	98	75 - 125	
Thallium	10.0	U	2000	2130	106	75 - 125	
Vanadium	2.2	J	500	502	100	75 - 125	
Zinc	30.0	U	500	519	104	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Duplicate - Batch: 460-6220

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-1570-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1707
Date Prepared: 05/13/2009 0936

Analysis Batch: 460-6352
Prep Batch: 460-6220
Units: ug/L

Instrument ID: Trace3
Lab File ID: 5953
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	200	U	200	NC	20	U
Antimony	10.0	U	10.0	NC	20	U
Arsenic	5.0	U	5.0	NC	20	U
Barium	5.5	J	5.38	2	20	J
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	459	J	455	1	20	J
Chromium	10.0	U	10.0	NC	20	U
Cobalt	50.0	U	50.0	NC	20	U
Copper	25.0	U	25.0	NC	20	U
Iron	150	U	150	NC	20	U
Lead	5.0	U	5.0	NC	20	U
Magnesium	229	J	225	1	20	J
Manganese	15.0	U	15.0	NC	20	U
Nickel	40.0	U	40.0	NC	20	U
Potassium	5000	U	5000	NC	20	U
Selenium	10.0	U	10.0	NC	20	U
Silver	10.0	U	10.0	NC	20	U
Sodium	901	J	861	5	20	J
Thallium	10.0	U	10.0	NC	20	U
Vanadium	2.2	J	2.30	2	20	J
Zinc	30.0	U	30.0	NC	20	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-6217

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 460-6217/9-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1133
Date Prepared: 05/13/2009 0745

Analysis Batch: 460-6259
Prep Batch: 460-6217
Units: ug/L

Instrument ID: Leeman5
Lab File ID: 051309.PRN
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.18	0.20

Lab Control Sample - Batch: 460-6217

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 460-6217/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1135
Date Prepared: 05/13/2009 0745

Analysis Batch: 460-6259
Prep Batch: 460-6217
Units: ug/L

Instrument ID: Leeman5
Lab File ID: 051309.PRN
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.02	102	80 - 120	

Matrix Spike - Batch: 460-6217

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-1570-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1141
Date Prepared: 05/13/2009 0745

Analysis Batch: 460-6259
Prep Batch: 460-6217
Units: ug/L

Instrument ID: Leeman5
Lab File ID: 051309.PRN
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.40	1.00	1.49	109	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Duplicate - Batch: 460-6217

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-1570-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2009 1139
Date Prepared: 05/13/2009 0745

Analysis Batch: 460-6259
Prep Batch: 460-6217
Units: ug/L

Instrument ID: Leeman5
Lab File ID: 051309.PRN
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.40	0.398	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	X	Surrogate exceeds the control limits
Metals		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-6344					
LCS 460-6344/3	Lab Control Sample	T	Water	8260B	
MB 460-6344/5	Method Blank	T	Water	8260B	
460-1570-1	GW-017338-050809-ACH-001	T	Water	8260B	
460-1570-1MS	Matrix Spike	T	Water	8260B	
460-1570-1MSD	Matrix Spike Duplicate	T	Water	8260B	
460-1570-3	GW-017338-050809-ACH-003	T	Water	8260B	
460-1570-4	GW-017338-050809-ACH-004	T	Water	8260B	
460-1570-5	GW-017338-050809-ACH-005	T	Water	8260B	
460-1570-6TB	TB-017338-050809-ACH-001	T	Water	8260B	
Analysis Batch:460-6470					
LCS 460-6470/3	Lab Control Sample	T	Water	8260B	
MB 460-6470/4	Method Blank	T	Water	8260B	
460-1570-2	GW-017338-050809-ACH-002	T	Water	8260B	
460-1591-C-2 MS	Matrix Spike	T	Water	8260B	
460-1591-C-2 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-6177					
LCS 460-6177/2-A	Lab Control Sample	T	Water	3510C	
MB 460-6177/1-A	Method Blank	T	Water	3510C	
460-1570-1	GW-017338-050809-ACH-001	T	Water	3510C	
460-1570-1MS	Matrix Spike	T	Water	3510C	
460-1570-1MSD	Matrix Spike Duplicate	T	Water	3510C	
460-1570-2	GW-017338-050809-ACH-002	T	Water	3510C	
460-1570-3	GW-017338-050809-ACH-003	T	Water	3510C	
460-1570-4	GW-017338-050809-ACH-004	T	Water	3510C	
460-1570-5	GW-017338-050809-ACH-005	T	Water	3510C	
Analysis Batch:460-6657					
LCS 460-6177/2-A	Lab Control Sample	T	Water	8270C	460-6177
MB 460-6177/1-A	Method Blank	T	Water	8270C	460-6177
460-1570-1	GW-017338-050809-ACH-001	T	Water	8270C	460-6177
460-1570-1MS	Matrix Spike	T	Water	8270C	460-6177
460-1570-1MSD	Matrix Spike Duplicate	T	Water	8270C	460-6177
460-1570-2	GW-017338-050809-ACH-002	T	Water	8270C	460-6177
460-1570-3	GW-017338-050809-ACH-003	T	Water	8270C	460-6177
460-1570-4	GW-017338-050809-ACH-004	T	Water	8270C	460-6177
460-1570-5	GW-017338-050809-ACH-005	T	Water	8270C	460-6177

Report Basis

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-6076					
LCS 460-6076/2-A	Lab Control Sample	T	Water	3010A	
MB 460-6076/1-A	Method Blank	T	Water	3010A	
460-1570-1	GW-017338-050809-ACH-001	T	Water	3010A	
460-1570-1DU	Duplicate	T	Water	3010A	
460-1570-1MS	Matrix Spike	T	Water	3010A	
460-1570-2	GW-017338-050809-ACH-002	T	Water	3010A	
460-1570-3	GW-017338-050809-ACH-003	T	Water	3010A	
460-1570-4	GW-017338-050809-ACH-004	T	Water	3010A	
Prep Batch: 460-6217					
LCS 460-6217/10-A	Lab Control Sample	T	Water	7470A	
MB 460-6217/9-A	Method Blank	T	Water	7470A	
460-1570-1	GW-017338-050809-ACH-001	T	Water	7470A	
460-1570-1DU	Duplicate	T	Water	7470A	
460-1570-1MS	Matrix Spike	T	Water	7470A	
460-1570-2	GW-017338-050809-ACH-002	T	Water	7470A	
460-1570-3	GW-017338-050809-ACH-003	T	Water	7470A	
460-1570-4	GW-017338-050809-ACH-004	T	Water	7470A	
460-1570-5	GW-017338-050809-ACH-005	T	Water	7470A	
Prep Batch: 460-6220					
LCS 460-6220/2-A	Lab Control Sample	T	Water	3010A	
MB 460-6220/1-A	Method Blank	T	Water	3010A	
460-1570-5	GW-017338-050809-ACH-005	T	Water	3010A	
460-1570-5DU	Duplicate	T	Water	3010A	
460-1570-5MS	Matrix Spike	T	Water	3010A	
Analysis Batch:460-6259					
LCS 460-6217/10-A	Lab Control Sample	T	Water	7470A	460-6217
MB 460-6217/9-A	Method Blank	T	Water	7470A	460-6217
460-1570-1	GW-017338-050809-ACH-001	T	Water	7470A	460-6217
460-1570-1DU	Duplicate	T	Water	7470A	460-6217
460-1570-1MS	Matrix Spike	T	Water	7470A	460-6217
460-1570-2	GW-017338-050809-ACH-002	T	Water	7470A	460-6217
460-1570-3	GW-017338-050809-ACH-003	T	Water	7470A	460-6217
460-1570-4	GW-017338-050809-ACH-004	T	Water	7470A	460-6217
460-1570-5	GW-017338-050809-ACH-005	T	Water	7470A	460-6217
Analysis Batch:460-6352					
LCS 460-6220/2-A	Lab Control Sample	T	Water	6010B	460-6220
MB 460-6220/1-A	Method Blank	T	Water	6010B	460-6220
460-1570-5	GW-017338-050809-ACH-005	T	Water	6010B	460-6220
460-1570-5DU	Duplicate	T	Water	6010B	460-6220
460-1570-5MS	Matrix Spike	T	Water	6010B	460-6220

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-6354					
LCS 460-6076/2-A	Lab Control Sample	T	Water	6010B	460-6076
MB 460-6076/1-A	Method Blank	T	Water	6010B	460-6076
460-1570-1	GW-017338-050809-ACH-001	T	Water	6010B	460-6076
460-1570-1DU	Duplicate	T	Water	6010B	460-6076
460-1570-1MS	Matrix Spike	T	Water	6010B	460-6076
460-1570-2	GW-017338-050809-ACH-002	T	Water	6010B	460-6076
460-1570-3	GW-017338-050809-ACH-003	T	Water	6010B	460-6076
460-1570-4	GW-017338-050809-ACH-004	T	Water	6010B	460-6076

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Laboratory Chronicle

Lab ID: 460-1570-1 **Client ID:** GW-017338-050809-ACH-001

Sample Date/Time: 05/08/2009 10:20 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1570-D-1		460-6344		05/14/2009 10:22	1	TAL EDI	AT
A:8260B	460-1570-D-1		460-6344		05/14/2009 10:22	1	TAL EDI	AT
P:3510C	460-1570-B-1-A		460-6657	460-6177	05/12/2009 18:40	1	TAL EDI	JH
A:8270C	460-1570-B-1-A		460-6657	460-6177	05/14/2009 20:10	1	TAL EDI	BW
P:3010A	460-1570-C-1-A		460-6354	460-6076	05/12/2009 09:57	1	TAL EDI	QY
A:6010B	460-1570-C-1-A		460-6354	460-6076	05/13/2009 18:17	1	TAL EDI	MPP
P:7470A	460-1570-C-1-E		460-6259	460-6217	05/13/2009 07:45	1	TAL EDI	TS
A:7470A	460-1570-C-1-E		460-6259	460-6217	05/13/2009 11:37	1	TAL EDI	TS

Lab ID: 460-1570-1 **Client ID:** GW-017338-050809-ACH-001

Sample Date/Time: 05/08/2009 10:20 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1570-D-1 MS		460-6344		05/14/2009 10:47	1	TAL EDI	AT
A:8260B	460-1570-D-1 MS		460-6344		05/14/2009 10:47	1	TAL EDI	AT
P:3510C	460-1570-A-1-A MS		460-6657	460-6177	05/12/2009 18:40	1	TAL EDI	JH
A:8270C	460-1570-A-1-A MS		460-6657	460-6177	05/14/2009 20:44	1	TAL EDI	BW
P:3010A	460-1570-C-1-C MS		460-6354	460-6076	05/12/2009 09:57	1	TAL EDI	QY
A:6010B	460-1570-C-1-C MS		460-6354	460-6076	05/13/2009 18:30	1	TAL EDI	MPP
P:7470A	460-1570-C-1-G MS		460-6259	460-6217	05/13/2009 07:45	1	TAL EDI	TS
A:7470A	460-1570-C-1-G MS		460-6259	460-6217	05/13/2009 11:41	1	TAL EDI	TS

Lab ID: 460-1570-1 **Client ID:** GW-017338-050809-ACH-001

Sample Date/Time: 05/08/2009 10:20 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1570-D-1 MSD		460-6344		05/14/2009 11:11	1	TAL EDI	AT
A:8260B	460-1570-D-1 MSD		460-6344		05/14/2009 11:11	1	TAL EDI	AT
P:3510C	460-1570-A-1-B MSD		460-6657	460-6177	05/12/2009 18:40	1	TAL EDI	JH
A:8270C	460-1570-A-1-B MSD		460-6657	460-6177	05/14/2009 21:18	1	TAL EDI	BW

Lab ID: 460-1570-1 DU **Client ID:** GW-017338-050809-ACH-001

Sample Date/Time: 05/08/2009 10:20 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-1570-C-1-B DU		460-6354	460-6076	05/12/2009 09:57	1	TAL EDI	QY
A:6010B	460-1570-C-1-B DU		460-6354	460-6076	05/13/2009 18:11	1	TAL EDI	MPP
P:7470A	460-1570-C-1-F DU		460-6259	460-6217	05/13/2009 07:45	1	TAL EDI	TS
A:7470A	460-1570-C-1-F DU		460-6259	460-6217	05/13/2009 11:39	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Laboratory Chronicle

Lab ID: 460-1570-2 **Client ID: GW-017338-050809-ACH-002**

Sample Date/Time: 05/08/2009 11:40 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1570-F-2		460-6470		05/14/2009 20:42	1	TAL EDI	EM
A:8260B	460-1570-F-2		460-6470		05/14/2009 20:42	1	TAL EDI	EM
P:3510C	460-1570-A-2-A		460-6657	460-6177	05/12/2009 18:40	1	TAL EDI	JH
A:8270C	460-1570-A-2-A		460-6657	460-6177	05/14/2009 21:52	1	TAL EDI	BW
P:3010A	460-1570-C-2-A		460-6354	460-6076	05/12/2009 09:57	1	TAL EDI	QY
A:6010B	460-1570-C-2-A		460-6354	460-6076	05/13/2009 20:22	1	TAL EDI	MPP
P:7470A	460-1570-C-2-B		460-6259	460-6217	05/13/2009 07:45	1	TAL EDI	TS
A:7470A	460-1570-C-2-B		460-6259	460-6217	05/13/2009 11:51	1	TAL EDI	TS

Lab ID: 460-1570-3 **Client ID: GW-017338-050809-ACH-003**

Sample Date/Time: 05/08/2009 12:45 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1570-F-3		460-6344		05/14/2009 12:25	1	TAL EDI	AT
A:8260B	460-1570-F-3		460-6344		05/14/2009 12:25	1	TAL EDI	AT
P:3510C	460-1570-A-3-A		460-6657	460-6177	05/12/2009 18:40	1	TAL EDI	JH
A:8270C	460-1570-A-3-A		460-6657	460-6177	05/14/2009 22:27	1	TAL EDI	BW
P:3010A	460-1570-C-3-A		460-6354	460-6076	05/12/2009 09:57	1	TAL EDI	QY
A:6010B	460-1570-C-3-A		460-6354	460-6076	05/13/2009 20:41	1	TAL EDI	MPP
P:7470A	460-1570-C-3-B		460-6259	460-6217	05/13/2009 07:45	1	TAL EDI	TS
A:7470A	460-1570-C-3-B		460-6259	460-6217	05/13/2009 11:58	1	TAL EDI	TS

Lab ID: 460-1570-4 **Client ID: GW-017338-050809-ACH-004**

Sample Date/Time: 05/08/2009 12:50 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1570-F-4		460-6344		05/14/2009 12:49	1	TAL EDI	AT
A:8260B	460-1570-F-4		460-6344		05/14/2009 12:49	1	TAL EDI	AT
P:3510C	460-1570-A-4-A		460-6657	460-6177	05/12/2009 18:40	1	TAL EDI	JH
A:8270C	460-1570-A-4-A		460-6657	460-6177	05/14/2009 23:01	1	TAL EDI	BW
P:3010A	460-1570-C-4-A		460-6354	460-6076	05/12/2009 09:57	1	TAL EDI	QY
A:6010B	460-1570-C-4-A		460-6354	460-6076	05/13/2009 20:47	1	TAL EDI	MPP
P:7470A	460-1570-C-4-B		460-6259	460-6217	05/13/2009 07:45	1	TAL EDI	TS
A:7470A	460-1570-C-4-B		460-6259	460-6217	05/13/2009 11:59	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Laboratory Chronicle

Lab ID: 460-1570-5 **Client ID: GW-017338-050809-ACH-005**

Sample Date/Time: 05/08/2009 13:15 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1570-F-5		460-6344		05/14/2009 13:14	1	TAL EDI	AT
A:8260B	460-1570-F-5		460-6344		05/14/2009 13:14	1	TAL EDI	AT
P:3510C	460-1570-A-5-A		460-6657	460-6177	05/12/2009 18:40	1	TAL EDI	JH
A:8270C	460-1570-A-5-A		460-6657	460-6177	05/14/2009 23:35	1	TAL EDI	BW
P:3010A	460-1570-C-5-B		460-6352	460-6220	05/13/2009 09:36	1	TAL EDI	SS
A:6010B	460-1570-C-5-B		460-6352	460-6220	05/13/2009 17:13	1	TAL EDI	CDC
P:7470A	460-1570-C-5-A		460-6259	460-6217	05/13/2009 07:45	1	TAL EDI	TS
A:7470A	460-1570-C-5-A		460-6259	460-6217	05/13/2009 12:02	1	TAL EDI	TS

Lab ID: 460-1570-5 MS **Client ID: GW-017338-050809-ACH-005**

Sample Date/Time: 05/08/2009 13:15 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-1570-C-5-D MS		460-6352	460-6220	05/13/2009 09:36	1	TAL EDI	SS
A:6010B	460-1570-C-5-D MS		460-6352	460-6220	05/13/2009 17:27	1	TAL EDI	CDC

Lab ID: 460-1570-5 DU **Client ID: GW-017338-050809-ACH-005**

Sample Date/Time: 05/08/2009 13:15 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-1570-C-5-C DU		460-6352	460-6220	05/13/2009 09:36	1	TAL EDI	SS
A:6010B	460-1570-C-5-C DU		460-6352	460-6220	05/13/2009 17:07	1	TAL EDI	CDC

Lab ID: 460-1570-6 **Client ID: TB-017338-050809-ACH-001**

Sample Date/Time: 05/08/2009 00:00 Received Date/Time: 05/08/2009 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1570-C-6		460-6344		05/14/2009 13:38	1	TAL EDI	AT
A:8260B	460-1570-C-6		460-6344		05/14/2009 13:38	1	TAL EDI	AT

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-6344/5		460-6344		05/14/2009 07:32	1	TAL EDI	AT
A:8260B	MB 460-6344/5		460-6344		05/14/2009 07:32	1	TAL EDI	AT
P:5030B	MB 460-6470/4		460-6470		05/14/2009 19:37	1	TAL EDI	EM
A:8260B	MB 460-6470/4		460-6470		05/14/2009 19:37	1	TAL EDI	EM
P:3510C	MB 460-6177/1-A		460-6657	460-6177	05/12/2009 18:40	1	TAL EDI	JH
A:8270C	MB 460-6177/1-A		460-6657	460-6177	05/14/2009 19:01	1	TAL EDI	BW
P:3010A	MB 460-6220/1-A		460-6352	460-6220	05/13/2009 09:36	1	TAL EDI	SS
A:6010B	MB 460-6220/1-A		460-6352	460-6220	05/13/2009 16:53	1	TAL EDI	CDC
P:3010A	MB 460-6076/1-A		460-6354	460-6076	05/12/2009 09:57	1	TAL EDI	QY
A:6010B	MB 460-6076/1-A		460-6354	460-6076	05/13/2009 17:21	1	TAL EDI	MPP
P:7470A	MB 460-6217/9-A		460-6259	460-6217	05/13/2009 07:45	1	TAL EDI	TS
A:7470A	MB 460-6217/9-A		460-6259	460-6217	05/13/2009 11:33	1	TAL EDI	TS

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-6344/3		460-6344		05/14/2009 05:54	1	TAL EDI	AT
A:8260B	LCS 460-6344/3		460-6344		05/14/2009 05:54	1	TAL EDI	AT
P:5030B	LCS 460-6470/3		460-6470		05/14/2009 18:06	1	TAL EDI	EM
A:8260B	LCS 460-6470/3		460-6470		05/14/2009 18:06	1	TAL EDI	EM
P:3510C	LCS 460-6177/2-A		460-6657	460-6177	05/12/2009 18:40	1	TAL EDI	JH
A:8270C	LCS 460-6177/2-A		460-6657	460-6177	05/14/2009 19:35	1	TAL EDI	BW
P:3010A	LCS 460-6220/2-A		460-6352	460-6220	05/13/2009 09:36	1	TAL EDI	SS
A:6010B	LCS 460-6220/2-A		460-6352	460-6220	05/13/2009 17:00	1	TAL EDI	CDC
P:3010A	LCS 460-6076/2-A		460-6354	460-6076	05/12/2009 09:57	1	TAL EDI	QY
A:6010B	LCS 460-6076/2-A		460-6354	460-6076	05/13/2009 17:28	1	TAL EDI	MPP
P:7470A	LCS 460-6217/10-A		460-6259	460-6217	05/13/2009 07:45	1	TAL EDI	TS
A:7470A	LCS 460-6217/10-A		460-6259	460-6217	05/13/2009 11:35	1	TAL EDI	TS

Lab ID: MS **Client ID:** N/A

Sample Date/Time: 05/11/2009 14:20 Received Date/Time: 05/11/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1591-C-2 MS		460-6470		05/14/2009 21:43	5	TAL EDI	EM
A:8260B	460-1591-C-2 MS		460-6470		05/14/2009 21:43	5	TAL EDI	EM

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-1570-1

Laboratory Chronicle

Lab ID: **MSD** **Client ID:** **N/A**

Sample Date/Time: N/A 05/11/2009 14:20 Received Date/Time: N/A 05/11/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-1591-C-2 MSD		460-6470		05/14/2009 22:07	5	TAL EDI	EM
A:8260B	460-1591-C-2 MSD		460-6470		05/14/2009 22:07	5	TAL EDI	EM

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	12DCE #	TOL #	BFB #
GW-017338-050809-A CH-001	460-1570-1	87	85	85
GW-017338-050809-A CH-002	460-1570-2	94	84	85
GW-017338-050809-A CH-003	460-1570-3	90	88	87
GW-017338-050809-A CH-004	460-1570-4	92	88	87
GW-017338-050809-A CH-005	460-1570-5	96	87	86
TB-017338-050809-A CH-001	460-1570-6	89	85	87
	MB 460-6344/5	93	83	85
	MB 460-6470/4	94	86	85
	LCS 460-6344/3	89	85	87
	LCS 460-6470/3	95	87	88
GW-017338-050809-A CH-001 MS	460-1570-1 MS	91	85	87
	460-1591-C-2 MS	92	84	86
GW-017338-050809-A CH-001 MSD	460-1570-1 MSD	92	87	87
	460-1591-C-2 MSD	96	87	90

	QC LIMITS
12DCE = 1,2-Dichloroethane-d4 (Surr)	56-125
TOL = Toluene-d8 (Surr)	72-127
BFB = Bromofluorobenzene	72-145

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09192.d

Lab ID: LCS 460-6344/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	17.9	90	70-130	
Chloromethane	20.0	18.7	93	69-134	
Bromomethane	20.0	17.6	88	64-145	
Vinyl chloride	20.0	18.8	94	74-128	
Chloroethane	20.0	19.3	96	52-155	
Trichlorofluoromethane	20.0	22.5	112	51-165	
Freon TF	20.0	18.5	93	70-130	
Methylene Chloride	20.0	20.2	101	78-129	
Acetone	20.0	10.5	53	69-143	*
Carbon disulfide	20.0	20.8	104	71-129	
Methyl acetate	20.0	27.5	138	70-130	*
1,1-Dichloroethene	20.0	19.1	95	67-133	
1,1-Dichloroethane	20.0	19.5	98	73-129	
cis-1,2-Dichloroethene	20.0	20.0	100	80-120	
trans-1,2-Dichloroethene	20.0	19.7	99	78-129	
MTBE	20.0	17.7	88	70-130	
Chloroform	20.0	20.4	102	80-120	
1,2-Dichloroethane	20.0	20.1	101	79-129	
2-Butanone	20.0	21.0	105	58-131	
1,1,1-Trichloroethane	20.0	20.8	104	77-130	
Cyclohexane	20.0	20.7	104	70-130	
Carbon tetrachloride	20.0	22.1	110	76-131	
Bromodichloromethane	20.0	20.1	101	76-124	
1,2-Dichloropropane	20.0	19.4	97	76-127	
cis-1,3-Dichloropropene	20.0	19.9	100	80-120	
Trichloroethene	20.0	19.7	98	75-127	
Methylcyclohexane	20.0	24.9	125	70-130	
Dibromochloromethane	20.0	20.7	104	80-120	
1,1,2-Trichloroethane	20.0	20.6	103	76-130	
Benzene	20.0	20.1	101	73-131	
trans-1,3-Dichloropropene	20.0	19.3	96	76-126	
Bromoform	20.0	21.2	106	56-129	
Isopropylbenzene	20.0	23.6	118	70-130	
4-Methyl-2-pentanone	20.0	18.8	94	60-130	
2-Hexanone	20.0	18.1	91	53-135	
Tetrachloroethene	20.0	21.9	109	78-125	
Toluene	20.0	19.8	99	78-128	
1,1,2,2-Tetrachloroethane	20.0	20.4	102	65-129	
Chlorobenzene	20.0	19.9	99	79-125	
Ethylbenzene	20.0	20.6	103	77-130	
Xylenes, Total	60.0	60.9	101	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09192.d

Lab ID: LCS 460-6344/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.2	96	75-127	
1,2-Dibromo-3-Chloropropane	20.0	19.5	97	70-130	
1,3-Dichlorobenzene	20.0	20.6	103	80-120	
1,4-Dichlorobenzene	20.0	20.5	102	80-120	
1,2-Dichlorobenzene	20.0	20.5	102	80-120	
1,2,4-Trichlorobenzene	20.0	22.3	111	70-130	
1,2-Dibromoethane	20.0	19.7	98	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09219.d

Lab ID: LCS 460-6470/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	19.1	95	70-130	
Chloromethane	20.0	21.2	106	69-134	
Bromomethane	20.0	21.4	107	64-145	
Vinyl chloride	20.0	20.2	101	74-128	
Chloroethane	20.0	20.4	102	52-155	
Trichlorofluoromethane	20.0	23.0	115	51-165	
Freon TF	20.0	18.3	92	70-130	
Methylene Chloride	20.0	19.1	96	78-129	
Acetone	20.0	16.9	85	69-143	
Carbon disulfide	20.0	18.0	90	71-129	
Methyl acetate	20.0	17.5	87	70-130	
1,1-Dichloroethene	20.0	16.4	82	67-133	
1,1-Dichloroethane	20.0	17.8	89	73-129	
cis-1,2-Dichloroethene	20.0	18.2	91	80-120	
trans-1,2-Dichloroethene	20.0	17.4	87	78-129	
MTBE	20.0	19.0	95	70-130	
Chloroform	20.0	18.2	91	80-120	
1,2-Dichloroethane	20.0	19.2	96	79-129	
2-Butanone	20.0	20.3	101	58-131	
1,1,1-Trichloroethane	20.0	17.4	87	77-130	
Cyclohexane	20.0	15.9	79	70-130	
Carbon tetrachloride	20.0	18.0	90	76-131	
Bromodichloromethane	20.0	18.5	93	76-124	
1,2-Dichloropropane	20.0	17.5	88	76-127	
cis-1,3-Dichloropropene	20.0	18.1	90	80-120	
Trichloroethene	20.0	17.2	86	75-127	
Methylcyclohexane	20.0	20.7	103	70-130	
Dibromochloromethane	20.0	18.8	94	80-120	
1,1,2-Trichloroethane	20.0	19.0	95	76-130	
Benzene	20.0	17.8	89	73-131	
trans-1,3-Dichloropropene	20.0	17.8	89	76-126	
Bromoform	20.0	20.1	100	56-129	
Isopropylbenzene	20.0	18.8	94	70-130	
4-Methyl-2-pentanone	20.0	18.4	92	60-130	
2-Hexanone	20.0	19.8	99	53-135	
Tetrachloroethene	20.0	17.5	88	78-125	
Toluene	20.0	16.8	84	78-128	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	65-129	
Chlorobenzene	20.0	17.9	89	79-125	
Ethylbenzene	20.0	17.1	86	77-130	
Xylenes, Total	60.0	52.3	87	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09219.d

Lab ID: LCS 460-6470/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	17.2	86	75-127	
1,2-Dibromo-3-Chloropropane	20.0	18.6	93	70-130	
1,3-Dichlorobenzene	20.0	18.4	92	80-120	
1,4-Dichlorobenzene	20.0	18.4	92	80-120	
1,2-Dichlorobenzene	20.0	18.6	93	80-120	
1,2,4-Trichlorobenzene	20.0	19.7	99	70-130	
1,2-Dibromoethane	20.0	18.4	92	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09204.d

Lab ID: 460-1570-1 MS Client ID: GW-017338-050809-ACH-001 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	1.0 U	17.2	86	70-130	
Chloromethane	20.0	1.0 U	17.0	85	69-134	
Bromomethane	20.0	1.0 U	17.1	85	64-145	
Vinyl chloride	20.0	1.0 U	18.5	93	74-128	
Chloroethane	20.0	1.0 U	18.5	92	52-155	
Trichlorofluoromethane	20.0	1.0 U	26.2	131	51-165	
Freon TF	20.0	1.0 U	15.1	75	70-130	
Methylene Chloride	20.0	1.0 U	19.6	98	78-129	
Acetone	20.0	10 U	18.9	94	69-143	
Carbon disulfide	20.0	1.0 U	19.5	97	71-129	
Methyl acetate	20.0	2.0 U	19.2	96	70-130	
1,1-Dichloroethene	20.0	1.0 U	15.5	78	67-133	
1,1-Dichloroethane	20.0	1.0 U	19.6	98	73-129	
cis-1,2-Dichloroethene	20.0	1.0 U	19.1	96	80-120	
trans-1,2-Dichloroethene	20.0	1.0 U	18.7	93	78-129	
MTBE	20.0	1.0 U	19.8	99	70-130	
Chloroform	20.0	1.0 U	19.9	99	80-120	
1,2-Dichloroethane	20.0	1.0 U	19.7	98	79-129	
2-Butanone	20.0	10 U	21.1	106	58-131	
1,1,1-Trichloroethane	20.0	1.0 U	19.3	97	77-130	
Cyclohexane	20.0	1.0 U	20.0	100	70-130	
Carbon tetrachloride	20.0	1.0 U	20.2	101	76-131	
Bromodichloromethane	20.0	1.0 U	20.0	100	76-124	
1,2-Dichloropropane	20.0	1.0 U	19.7	98	76-127	
cis-1,3-Dichloropropene	20.0	1.0 U	18.6	93	80-120	
Trichloroethene	20.0	1.0 U	18.9	95	75-127	
Methylcyclohexane	20.0	1.0 U	23.0	115	70-130	
Dibromochloromethane	20.0	1.0 U	19.8	99	80-120	
1,1,2-Trichloroethane	20.0	1.0 U	19.8	99	76-130	
Benzene	20.0	1.0 U	19.3	96	73-131	
trans-1,3-Dichloropropene	20.0	1.0 U	18.8	94	76-126	
Bromoform	20.0	1.0 U	21.4	107	56-129	
Isopropylbenzene	20.0	1.0 U	22.5	113	70-130	
4-Methyl-2-pentanone	20.0	10 U	20.3	102	60-130	
2-Hexanone	20.0	10 U	19.0	95	53-135	
Tetrachloroethene	20.0	1.0 U	20.2	101	78-125	
Toluene	20.0	1.0 U	19.5	98	78-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	20.7	104	65-129	
Chlorobenzene	20.0	1.0 U	19.5	97	79-125	
Ethylbenzene	20.0	1.0 U	19.5	98	77-130	
Xylenes, Total	60.0	3.0 U	60.1	100	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09204.d

Lab ID: 460-1570-1 MS Client ID: GW-017338-050809-ACH-001 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	20.0	1.0 U	19.2	96	75-127	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	20.2	101	70-130	
1,3-Dichlorobenzene	20.0	1.0 U	19.7	98	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	19.8	99	80-120	
1,2-Dichlorobenzene	20.0	1.0 U	19.7	99	80-120	
1,2,4-Trichlorobenzene	20.0	1.0 U	21.1	105	70-130	
1,2-Dibromoethane	20.0	1.0 U	19.7	98	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09225.d

Lab ID: 460-1591-C-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	100	1.0 U	75.5	75	70-130	
Chloromethane	100	1.0 U	85.4	85	69-134	
Bromomethane	100	1.0 U	88.9	89	64-145	
Vinyl chloride	100	1.0 U	88.0	88	74-128	
Chloroethane	100	1.0 U	94.8	95	52-155	
Trichlorofluoromethane	100	1.0 U	109	109	51-165	
Freon TF	100	1.0 U	94.0	94	70-130	
Methylene Chloride	100	1.0 U	94.7	95	78-129	
Acetone	100	10 U	27.8 J	28	69-143	F
Carbon disulfide	100	1.0 U	98.9	99	71-129	
Methyl acetate	100	2.0 U	94.9	95	70-130	
1,1-Dichloroethene	100	0.40 J	89.6	89	67-133	
1,1-Dichloroethane	100	1.0 U	92.2	92	73-129	
cis-1,2-Dichloroethene	100	2.2	95.0	93	80-120	
trans-1,2-Dichloroethene	100	1.0 U	91.2	91	78-129	
MTBE	100	1.0 U	91.0	91	70-130	
Chloroform	100	0.60 J	97.7	97	80-120	
1,2-Dichloroethane	100	17	112	96	79-129	
2-Butanone	100	10 U	100	100	58-131	
1,1,1-Trichloroethane	100	1.0 U	99.1	99	77-130	
Cyclohexane	100	1.5	89.8	88	70-130	
Carbon tetrachloride	100	1.0 U	104	104	76-131	
Bromodichloromethane	100	1.0 U	93.6	94	76-124	
1,2-Dichloropropane	100	1.0 U	91.7	92	76-127	
cis-1,3-Dichloropropene	100	1.0 U	90.9	91	80-120	
Trichloroethene	100	12	104	91	75-127	
Methylcyclohexane	100	5.2	120	115	70-130	
Dibromochloromethane	100	1.0 U	96.6	97	80-120	
1,1,2-Trichloroethane	100	0.55 J	96.5	96	76-130	
Benzene	100	26	115	89	73-131	
trans-1,3-Dichloropropene	100	1.0 U	89.2	89	76-126	
Bromoform	100	1.0 U	99.9	100	56-129	
Isopropylbenzene	100	0.85 J	111	110	70-130	
4-Methyl-2-pentanone	100	10 U	86.0	86	60-130	
2-Hexanone	100	10 U	83.2	83	53-135	
Tetrachloroethene	100	2.1	105	103	78-125	
Toluene	100	1.0 U	89.5	89	78-128	
1,1,2,2-Tetrachloroethane	100	1.0 U	94.3	94	65-129	
Chlorobenzene	100	10	102	92	79-125	
Ethylbenzene	100	250	296	46	77-130	F
Xylenes, Total	300	3.0 U	286	95	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09225.d

Lab ID: 460-1591-C-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	100	1.0 U	89.7	90	75-127	
1,2-Dibromo-3-Chloropropane	100	1.0 U	88.4	88	70-130	
1,3-Dichlorobenzene	100	1.0 U	94.8	95	80-120	
1,4-Dichlorobenzene	100	1.0 U	96.6	97	80-120	
1,2-Dichlorobenzene	100	1.0 U	95.6	96	80-120	
1,2,4-Trichlorobenzene	100	1.0 U	104	104	70-130	
1,2-Dibromoethane	100	1.0 U	92.4	92	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09205.d

Lab ID: 460-1570-1 MSD Client ID: GW-017338-050809-ACH-001 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	18.9	95	10	30	70-130	
Chloromethane	20.0	18.8	94	10	30	69-134	
Bromomethane	20.0	17.7	88	3	30	64-145	
Vinyl chloride	20.0	19.2	96	4	30	74-128	
Chloroethane	20.0	20.2	101	9	30	52-155	
Trichlorofluoromethane	20.0	22.3	111	16	30	51-165	
Freon TF	20.0	18.5	92	20	30	70-130	
Methylene Chloride	20.0	20.1	101	3	30	78-129	
Acetone	20.0	19.5	97	3	30	69-143	
Carbon disulfide	20.0	20.8	104	7	30	71-129	
Methyl acetate	20.0	19.2	96	0	30	70-130	
1,1-Dichloroethene	20.0	17.6	88	13	30	67-133	
1,1-Dichloroethane	20.0	20.0	100	2	30	73-129	
cis-1,2-Dichloroethene	20.0	19.7	98	3	30	80-120	
trans-1,2-Dichloroethene	20.0	19.3	97	3	30	78-129	
MTBE	20.0	20.6	103	4	30	70-130	
Chloroform	20.0	20.7	103	4	30	80-120	
1,2-Dichloroethane	20.0	20.2	101	2	30	79-129	
2-Butanone	20.0	22.1	110	5	30	58-131	
1,1,1-Trichloroethane	20.0	20.5	103	6	30	77-130	
Cyclohexane	20.0	21.6	108	8	30	70-130	
Carbon tetrachloride	20.0	21.6	108	7	30	76-131	
Bromodichloromethane	20.0	20.4	102	2	30	76-124	
1,2-Dichloropropane	20.0	20.1	101	2	30	76-127	
cis-1,3-Dichloropropene	20.0	19.4	97	4	30	80-120	
Trichloroethene	20.0	19.8	99	5	30	75-127	
Methylcyclohexane	20.0	24.7	124	7	30	70-130	
Dibromochloromethane	20.0	20.3	102	3	30	80-120	
1,1,2-Trichloroethane	20.0	20.3	102	2	30	76-130	
Benzene	20.0	20.2	101	5	30	73-131	
trans-1,3-Dichloropropene	20.0	19.0	95	1	30	76-126	
Bromoform	20.0	21.8	109	2	30	56-129	
Isopropylbenzene	20.0	23.4	117	4	30	70-130	
4-Methyl-2-pentanone	20.0	20.4	102	0	30	60-130	
2-Hexanone	20.0	22.1	111	15	30	53-135	
Tetrachloroethene	20.0	21.1	105	4	30	78-125	
Toluene	20.0	19.9	100	2	30	78-128	
1,1,2,2-Tetrachloroethane	20.0	21.3	107	3	30	65-129	
Chlorobenzene	20.0	20.1	100	3	30	79-125	
Ethylbenzene	20.0	20.9	105	7	30	77-130	
Xylenes, Total	60.0	62.6	104	4	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09205.d

Lab ID: 460-1570-1 MSD Client ID: GW-017338-050809-ACH-001 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	19.6	98	2	30	75-127	
1,2-Dibromo-3-Chloropropane	20.0	20.6	103	2	30	70-130	
1,3-Dichlorobenzene	20.0	20.5	103	4	30	80-120	
1,4-Dichlorobenzene	20.0	20.3	102	2	30	80-120	
1,2-Dichlorobenzene	20.0	20.3	102	3	30	80-120	
1,2,4-Trichlorobenzene	20.0	21.7	108	3	30	70-130	
1,2-Dibromoethane	20.0	19.8	99	1	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09226.d

Lab ID: 460-1591-C-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	100	78.6	79	4	30	70-130	
Chloromethane	100	87.1	87	2	30	69-134	
Bromomethane	100	92.2	92	4	30	64-145	
Vinyl chloride	100	98.0	98	11	30	74-128	
Chloroethane	100	101	101	6	30	52-155	
Trichlorofluoromethane	100	116	116	6	30	51-165	
Freon TF	100	100	100	6	30	70-130	
Methylene Chloride	100	104	104	10	30	78-129	
Acetone	100	104	104	115	30	69-143	F
Carbon disulfide	100	109	109	9	30	71-129	
Methyl acetate	100	112	112	17	30	70-130	
1,1-Dichloroethene	100	102	101	12	30	67-133	
1,1-Dichloroethane	100	101	101	9	30	73-129	
cis-1,2-Dichloroethene	100	104	101	9	30	80-120	
trans-1,2-Dichloroethene	100	99.7	100	9	30	78-129	
MTBE	100	98.5	99	8	30	70-130	
Chloroform	100	106	105	8	30	80-120	
1,2-Dichloroethane	100	120	104	7	30	79-129	
2-Butanone	100	107	107	7	30	58-131	
1,1,1-Trichloroethane	100	109	109	9	30	77-130	
Cyclohexane	100	106	104	16	30	70-130	
Carbon tetrachloride	100	114	114	9	30	76-131	
Bromodichloromethane	100	102	102	8	30	76-124	
1,2-Dichloropropane	100	99.8	100	8	30	76-127	
cis-1,3-Dichloropropene	100	95.0	95	4	30	80-120	
Trichloroethene	100	111	99	7	30	75-127	
Methylcyclohexane	100	131	126	9	30	70-130	
Dibromochloromethane	100	104	104	7	30	80-120	
1,1,2-Trichloroethane	100	104	103	7	30	76-130	
Benzene	100	125	100	9	30	73-131	
trans-1,3-Dichloropropene	100	96.1	96	7	30	76-126	
Bromoform	100	107	107	7	30	56-129	
Isopropylbenzene	100	121	120	8	30	70-130	
4-Methyl-2-pentanone	100	94.6	95	9	30	60-130	
2-Hexanone	100	93.2	93	11	30	53-135	
Tetrachloroethene	100	114	112	8	30	78-125	
Toluene	100	96.5	97	8	30	78-128	
1,1,2,2-Tetrachloroethane	100	102	102	7	30	65-129	
Chlorobenzene	100	109	99	7	30	79-125	
Ethylbenzene	100	316	65	6	30	77-130	F
Xylenes, Total	300	308	103	7	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d09226.d

Lab ID: 460-1591-C-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	100	97.0	97	8	30	75-127	
1,2-Dibromo-3-Chloropropane	100	97.6	98	10	30	70-130	
1,3-Dichlorobenzene	100	102	102	7	30	80-120	
1,4-Dichlorobenzene	100	102	102	6	30	80-120	
1,2-Dichlorobenzene	100	101	101	5	30	80-120	
1,2,4-Trichlorobenzene	100	110	110	6	30	70-130	
1,2-Dibromoethane	100	100	100	8	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab File ID: d09196.d Lab Sample ID: MB 460-6344/5

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS4 Date Analyzed: 05/14/2009 07:32

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-6344/3	d09192.d	05/14/2009 05:54
GW-017338-050809-ACH-001	460-1570-1	d09203.d	05/14/2009 10:22
GW-017338-050809-ACH-001 MS	460-1570-1 MS	d09204.d	05/14/2009 10:47
GW-017338-050809-ACH-001 MSD	460-1570-1 MSD	d09205.d	05/14/2009 11:11
GW-017338-050809-ACH-003	460-1570-3	d09208.d	05/14/2009 12:25
GW-017338-050809-ACH-004	460-1570-4	d09209.d	05/14/2009 12:49
GW-017338-050809-ACH-005	460-1570-5	d09210.d	05/14/2009 13:14
TB-017338-050809-ACH-001	460-1570-6	d09211.d	05/14/2009 13:38

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab File ID: d09222.d Lab Sample ID: MB 460-6470/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS4 Date Analyzed: 05/14/2009 19:37

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-6470/3	d09219.d	05/14/2009 18:06
GW-017338-050809-ACH-002	460-1570-2	d09223.d	05/14/2009 20:42
	460-1591-C-2 MS	d09225.d	05/14/2009 21:43
	460-1591-C-2 MSD	d09226.d	05/14/2009 22:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab File ID: d08620.d BFB Injection Date: 04/27/2009

Instrument ID: VOAMS4 BFB Injection Time: 18:44

Analysis Batch No.: 4971

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.6	
75	30.0 - 60.0 % of mass 95	50.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.7	(0.8)1
174	50.0 - 120.00 % of mass 95	80.4	
175	5.0 - 9.0 % of mass 174	5.7	(7.1)1
176	95.0 - 101.0 % of mass 174	76.6	(95.2)1
177	5.0 - 9.0 % of mass 176	5.1	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-4971/2	d08623.d	04/27/2009	20:18
	IC 460-4971/3	d08625.d	04/27/2009	21:07
	ICIS 460-4971/4	d08626.d	04/27/2009	21:31
	IC 460-4971/5	d08627.d	04/27/2009	21:55
	IC 460-4971/6	d08628.d	04/27/2009	22:20
	IC 460-4971/7	d08629.d	04/27/2009	22:44

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab File ID: d09189.d BFB Injection Date: 05/14/2009

Instrument ID: VOAMS4 BFB Injection Time: 04:14

Analysis Batch No.: 6344

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.8	
75	30.0 - 60.0 % of mass 95	44.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.7	(0.7)1
174	50.0 - 120.00 % of mass 95	100.0	
175	5.0 - 9.0 % of mass 174	7.2	(7.2)1
176	95.0 - 101.0 % of mass 174	98.1	(98.2)1
177	5.0 - 9.0 % of mass 176	5.9	(6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-6344/2	d09191.d	05/14/2009	05:03
	LCS 460-6344/3	d09192.d	05/14/2009	05:54
	MB 460-6344/5	d09196.d	05/14/2009	07:32
GW-017338-050809-ACH-001	460-1570-1	d09203.d	05/14/2009	10:22
GW-017338-050809-ACH-001 MS	460-1570-1 MS	d09204.d	05/14/2009	10:47
GW-017338-050809-ACH-001 MSD	460-1570-1 MSD	d09205.d	05/14/2009	11:11
GW-017338-050809-ACH-003	460-1570-3	d09208.d	05/14/2009	12:25
GW-017338-050809-ACH-004	460-1570-4	d09209.d	05/14/2009	12:49
GW-017338-050809-ACH-005	460-1570-5	d09210.d	05/14/2009	13:14
TB-017338-050809-ACH-001	460-1570-6	d09211.d	05/14/2009	13:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab File ID: d09217.d BFB Injection Date: 05/14/2009

Instrument ID: VOAMS4 BFB Injection Time: 17:01

Analysis Batch No.: 6470

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	46.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.7	
173	Less than 2.0 % of mass 174	1.1	(1.2)1
174	50.0 - 120.00 % of mass 95	89.4	
175	5.0 - 9.0 % of mass 174	7.3	(8.1)1
176	95.0 - 101.0 % of mass 174	87.7	(98.1)1
177	5.0 - 9.0 % of mass 176	6.4	(7.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-6470/2	d09218.d	05/14/2009	17:41
	LCS 460-6470/3	d09219.d	05/14/2009	18:06
	MB 460-6470/4	d09222.d	05/14/2009	19:37
GW-017338-050809-ACH-002	460-1570-2	d09223.d	05/14/2009	20:42
	460-1591-C-2 MS	d09225.d	05/14/2009	21:43
	460-1591-C-2 MSD	d09226.d	05/14/2009	22:07

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Sample No.: CCVIS 460-6344/2 Date Analyzed: 05/14/2009 05:03

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): d09191.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		790260	4.88	623784	8.23	350052	10.15
UPPER LIMIT		1580520	5.38	1247568	8.73	700104	10.65
LOWER LIMIT		395130	4.38	311892	7.73	175026	9.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-6344/3		826313	4.88	636630	8.23	354651	10.15
MB 460-6344/5		779277	4.88	603746	8.23	343774	10.15
460-1570-1	GW-017338-050809-ACH-001	941824	4.89	711839	8.23	408946	10.15
460-1570-1 MS	GW-017338-050809-ACH-001 MS	934132	4.89	734079	8.23	421721	10.15
460-1570-1 MSD	GW-017338-050809-ACH-001 MSD	907051	4.88	709682	8.23	401155	10.15
460-1570-3	GW-017338-050809-ACH-003	859910	4.89	651978	8.23	358334	10.16
460-1570-4	GW-017338-050809-ACH-004	866013	4.89	661758	8.23	366807	10.16
460-1570-5	GW-017338-050809-ACH-005	846695	4.89	620103	8.23	344835	10.16
460-1570-6	TB-017338-050809-ACH-001	845219	4.89	622739	8.23	341662	10.16

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Sample No.: CCVIS 460-6470/2 Date Analyzed: 05/14/2009 17:41

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): d09218.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		765309	4.89	595302	8.23	347289	10.16
UPPER LIMIT		1530618	5.39	1190604	8.73	694578	10.66
LOWER LIMIT		382655	4.39	297651	7.73	173645	9.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-6470/3		746704	4.89	576873	8.23	331472	10.16
MB 460-6470/4		728516	4.89	540633	8.23	302422	10.16
460-1570-2	GW-017338-050809-ACH-002	735460	4.89	550339	8.23	309184	10.16
460-1591-C-2 MS		767459	4.89	598743	8.23	341693	10.16
460-1591-C-2 MSD		717973	4.89	563320	8.23	322563	10.16

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1

Matrix: Water Lab File ID: d09203.d

Analysis Method: 8260B Date Collected: 05/08/2009 10:20

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 10:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U *	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U *	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 | Lab Sample ID: 460-1570-1

Matrix: Water | Lab File ID: d09203.d

Analysis Method: 8260B | Date Collected: 05/08/2009 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/14/2009 10:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 6344 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87	56-125	
2037-26-5	Toluene-d8 (Surr)	85	72-127	
460-00-4	Bromofluorobenzene	85	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09203.d
Report Date: 14-May-2009 19:56

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09203.d
Lab Smp Id: 460-1570-d-1
Inj Date : 14-MAY-2009 10:22
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1570-d-1
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 14-May-2009 05:31 audberto Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

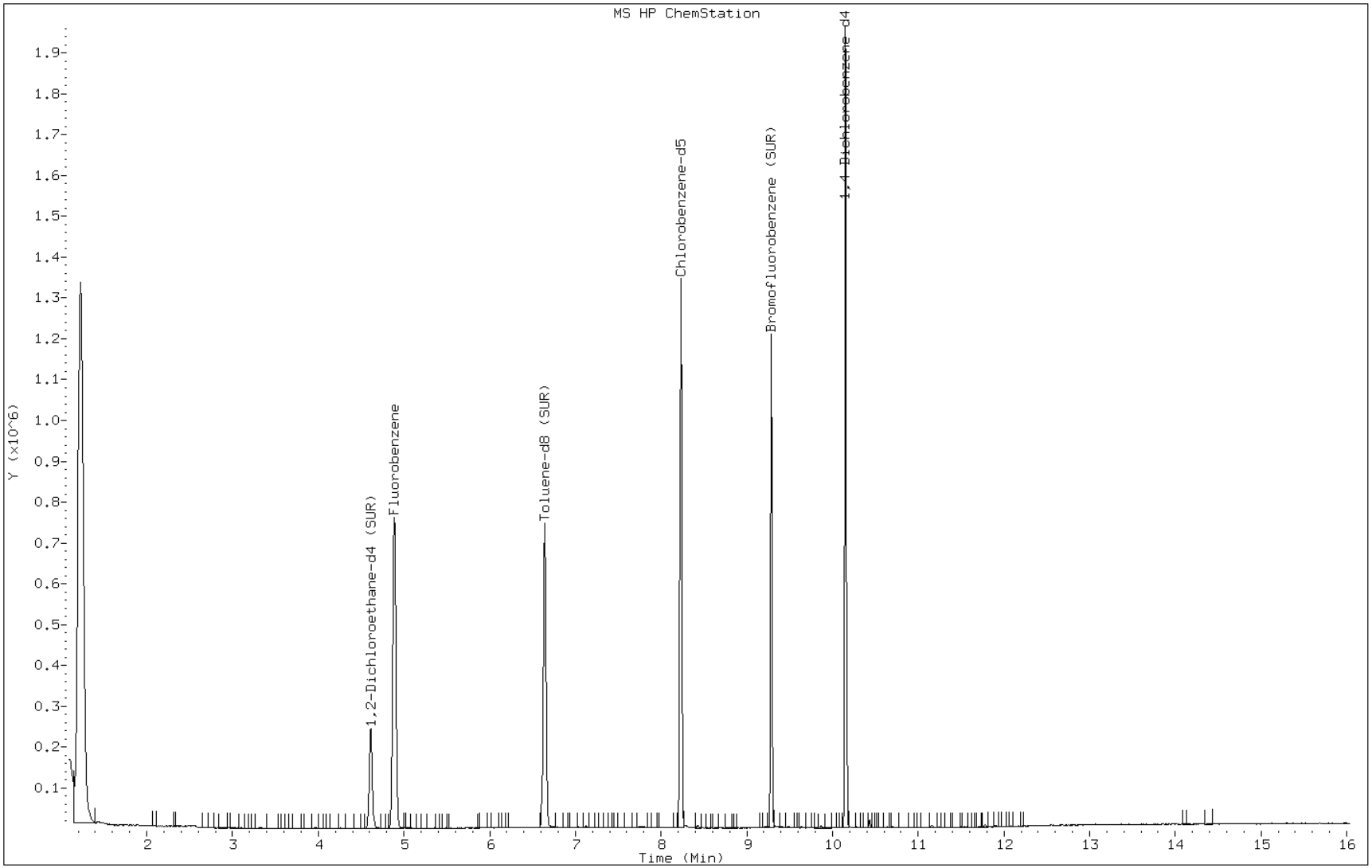
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.616	4.598	(0.945)	33289	43.7536	44
* 52 Fluorobenzene	96	4.886	4.881	(1.000)	941824	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.639	6.634	(0.806)	636068	42.7411	43
* 78 Chlorobenzene-d5	117	8.233	8.228	(1.000)	711839	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.286	9.280	(0.915)	301575	42.7350	43
* 108 1,4-Dichlorobenzene-d4	152	10.151	10.151	(1.000)	408946	50.0000	

Data File: d09203.d

Date: 14-MAY-2009 10:22

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-d-1 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-002 Lab Sample ID: 460-1570-2

Matrix: Water Lab File ID: d09223.d

Analysis Method: 8260B Date Collected: 05/08/2009 11:40

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 20:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6470 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	0.57	J	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-002 | Lab Sample ID: 460-1570-2

Matrix: Water | Lab File ID: d09223.d

Analysis Method: 8260B | Date Collected: 05/08/2009 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/14/2009 20:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 6470 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	56-125	
2037-26-5	Toluene-d8 (Surr)	84	72-127	
460-00-4	Bromofluorobenzene	85	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09223.d
Report Date: 15-May-2009 09:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09223.d
Lab Smp Id: 460-1570-f-2
Inj Date : 14-MAY-2009 20:42
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1570-f-2
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/8260_09.m
Meth Date : 14-May-2009 18:22 eddie Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.616	4.610	(0.943)	27786	46.7681	47
* 52 Fluorobenzene	96	4.892	4.887	(1.000)	735460	50.0000	
54 Trichloroethene	95	5.063	5.057	(1.035)	2482	0.57058	0.57(a)
$ 65 Toluene-d8 (SUR)	98	6.645	6.645	(0.807)	482478	41.9344	42
* 78 Chlorobenzene-d5	117	8.233	8.233	(1.000)	550339	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.286	9.286	(0.914)	227472	42.6349	43
* 108 1,4-Dichlorobenzene-d4	152	10.157	10.157	(1.000)	309184	50.0000	

QC Flag Legend

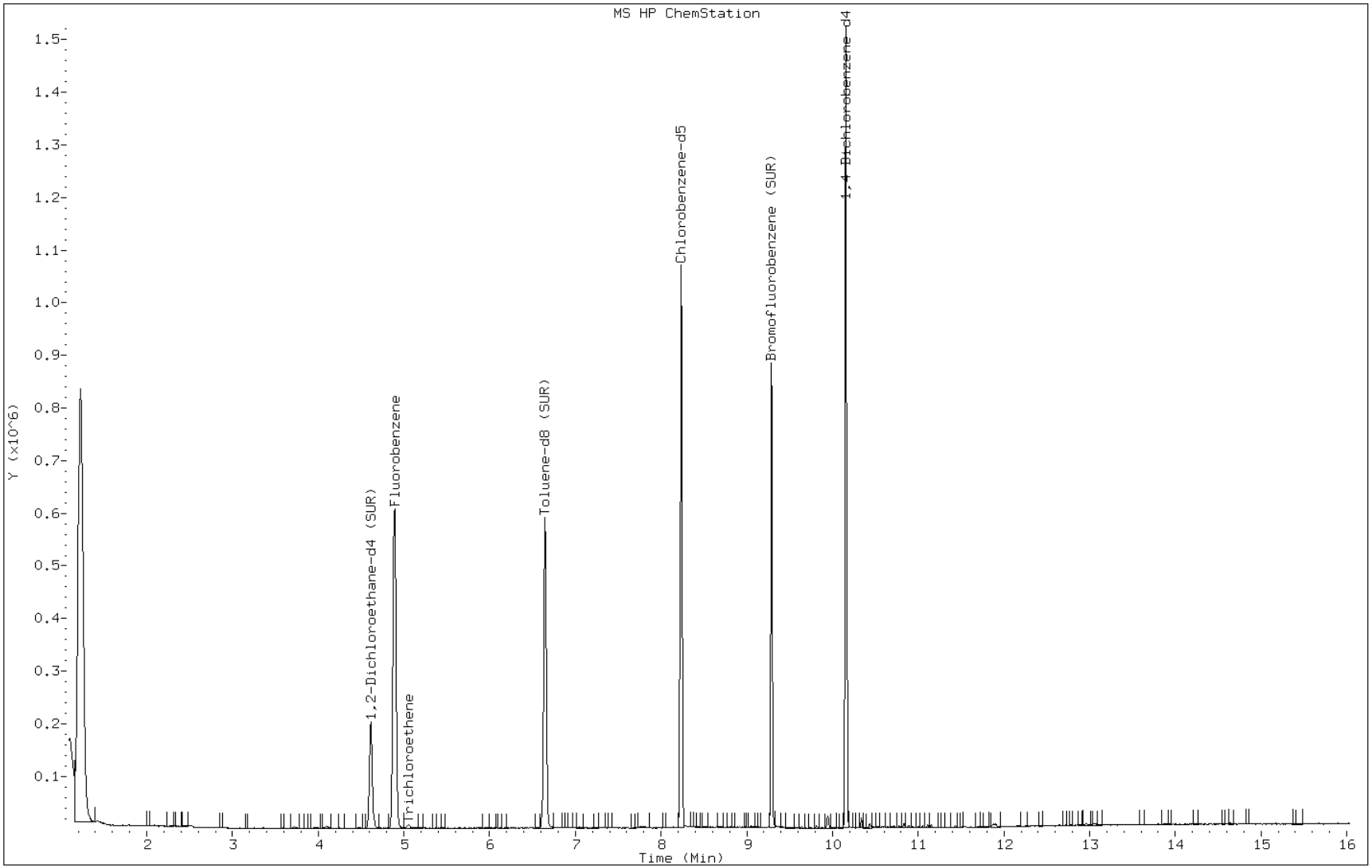
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d09223.d

Date: 14-MAY-2009 20:42

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-2 Operator:



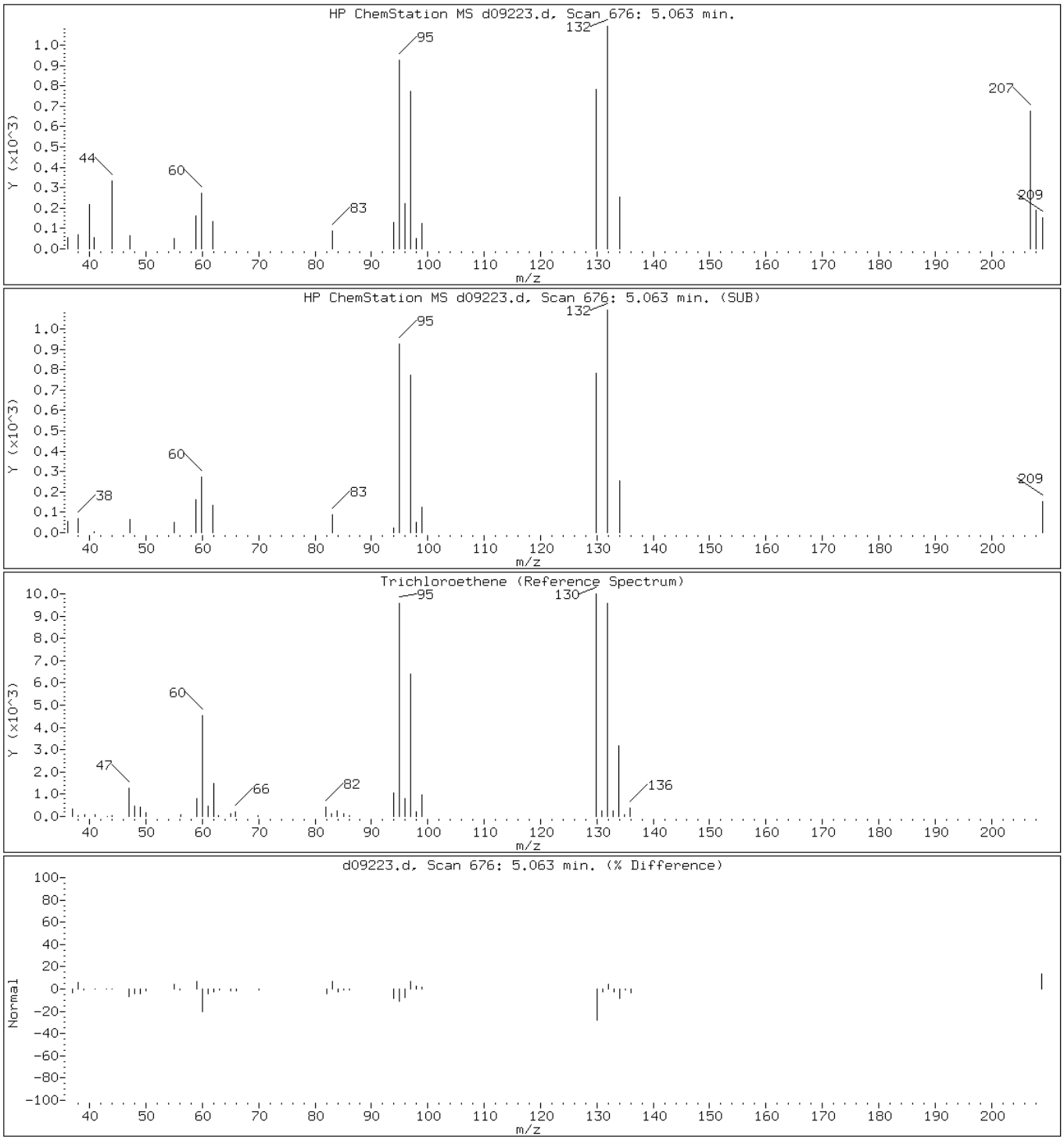
Data File: d09223.d

Date: 14-MAY-2009 20:42

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-2 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-003 Lab Sample ID: 460-1570-3

Matrix: Water Lab File ID: d09208.d

Analysis Method: 8260B Date Collected: 05/08/2009 12:45

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 12:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U *	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U *	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	5.0		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	3.1		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	16		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.9		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	2.9		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-003 Lab Sample ID: 460-1570-3

Matrix: Water Lab File ID: d09208.d

Analysis Method: 8260B Date Collected: 05/08/2009 12:45

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 12:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.6		1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90	56-125	
2037-26-5	Toluene-d8 (Surr)	88	72-127	
460-00-4	Bromofluorobenzene	87	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09208.d
Report Date: 21-May-2009 15:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09208.d
Lab Smp Id: 460-1570-f-3
Inj Date : 14-MAY-2009 12:25
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1570-f-3
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 21-May-2009 15:05 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.893	2.887	(0.592)	71282	4.99422	5.0
	44 Cyclohexane	56	3.875	3.863	(0.793)	19837	3.07833	3.1
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.598	(0.943)	31416	45.2252	45
	48 Benzene	78	4.475	4.469	(0.544)	34871	1.93817	1.9
*	52 Fluorobenzene	96	4.887	4.881	(1.000)	859910	50.0000	
	56 Methyl cyclohexane	83	5.034	5.022	(1.030)	99165	15.8332	16
$	65 Toluene-d8 (SUR)	98	6.639	6.634	(0.807)	599713	43.9981	44
*	78 Chlorobenzene-d5	117	8.227	8.228	(1.000)	651978	50.0000	
	79 Chlorobenzene	112	8.245	8.245	(1.002)	21295	1.58920	1.6
	88 Isopropylbenzene	105	9.069	9.069	(1.182)	58697	2.85628	2.8(MH)
$	89 Bromofluorobenzene (SUR)	174	9.286	9.280	(0.914)	268796	43.4699	43
	95 n-Propylbenzene	91	9.404	9.404	(0.926)	29370	1.25095	1.2(H)
	100 tert-Butylbenzene	119	9.810	9.810	(0.966)	3774	0.24515	0.24(a)
	103 sec-Butylbenzene	105	9.945	9.945	(0.979)	39095	1.44347	1.4
*	108 1,4-Dichlorobenzene-d4	152	10.157	10.151	(1.000)	358334	50.0000	
	116 Naphthalene	128	11.780	11.780	(1.160)	753265	33.8760	34

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09208.d
Report Date: 21-May-2009 15:31

QC Flag Legend

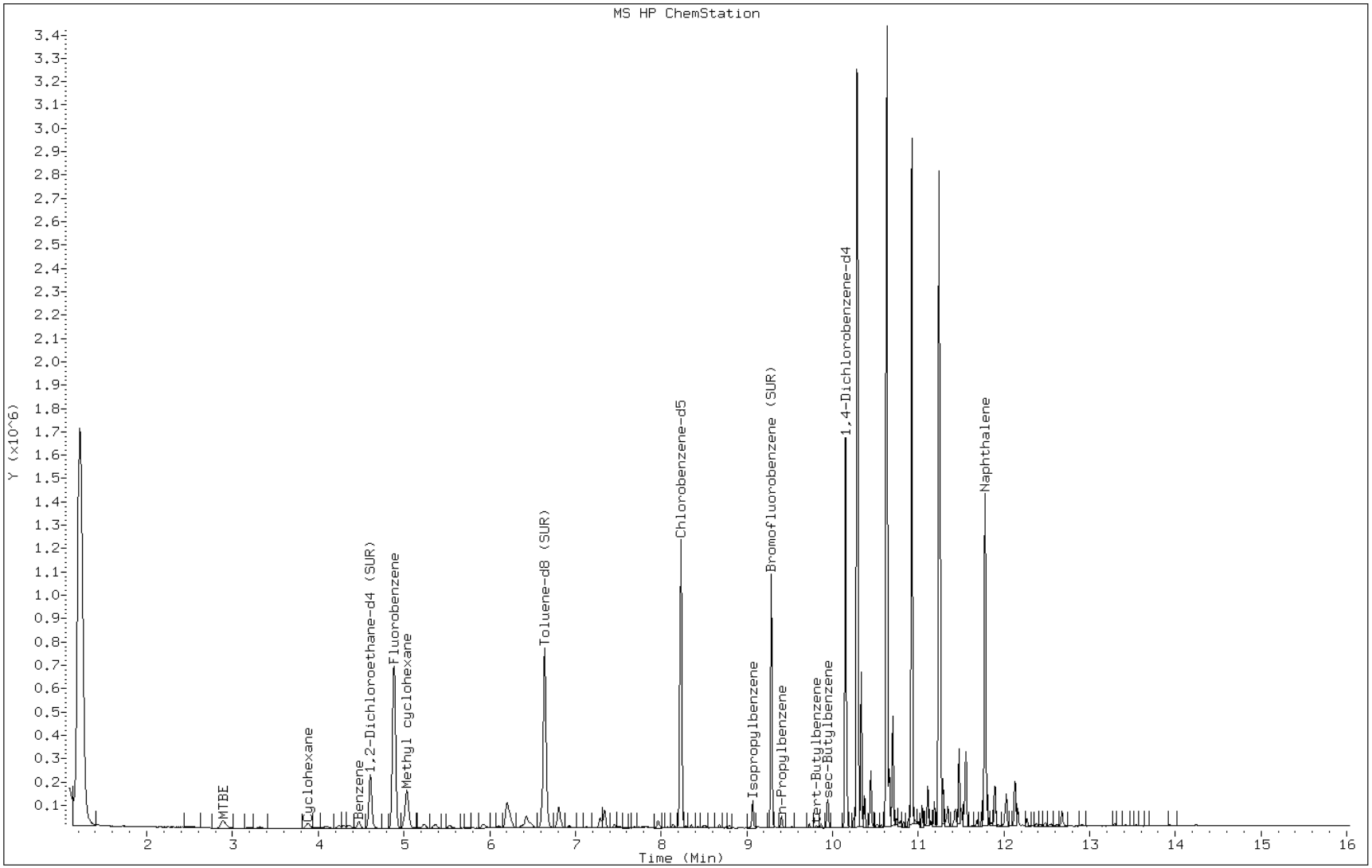
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d09208.d

Date: 14-MAY-2009 12:25

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-3 Operator:



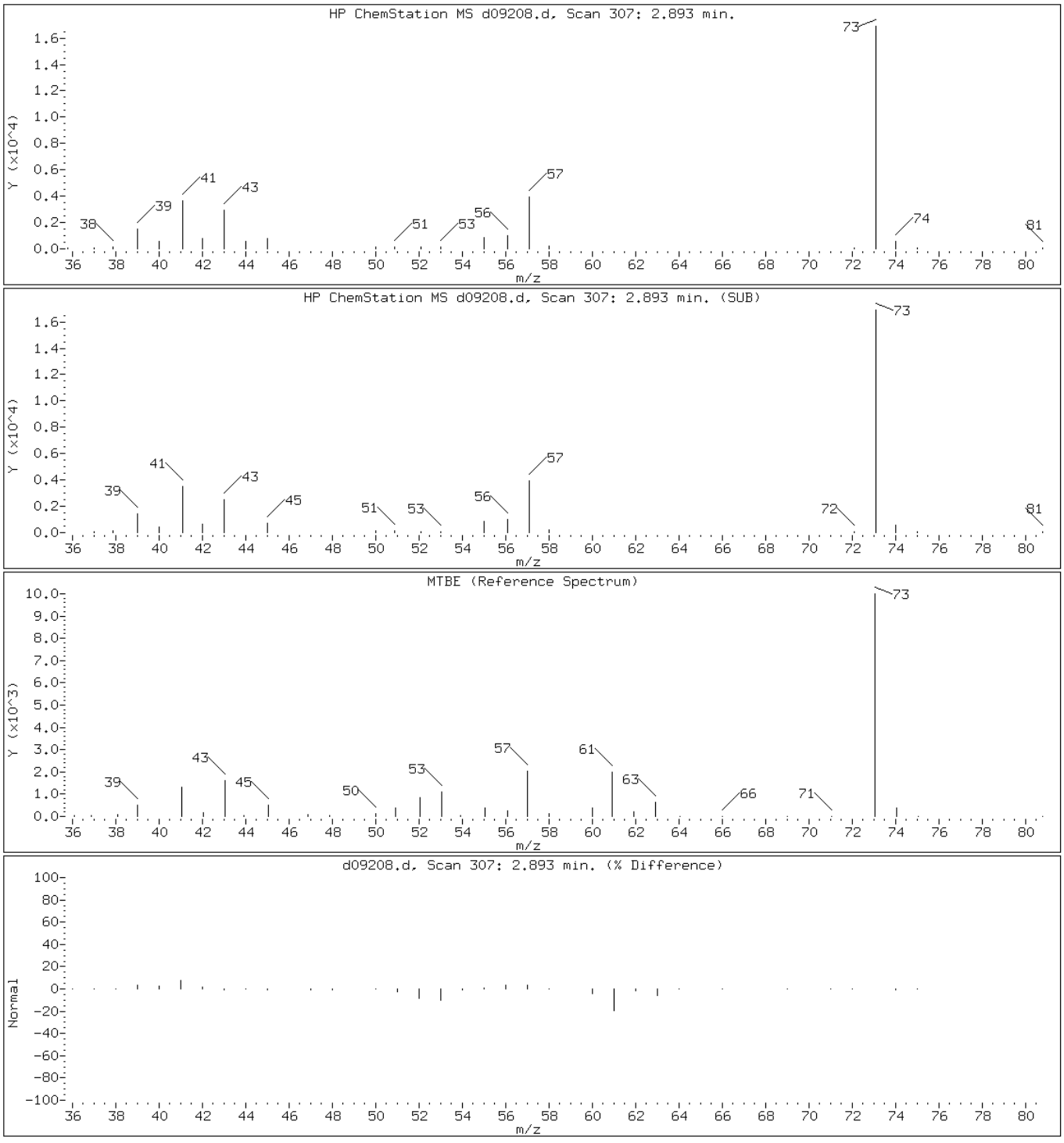
Data File: d09208.d

Date: 14-MAY-2009 12:25

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-3 Operator:

28 MTBE



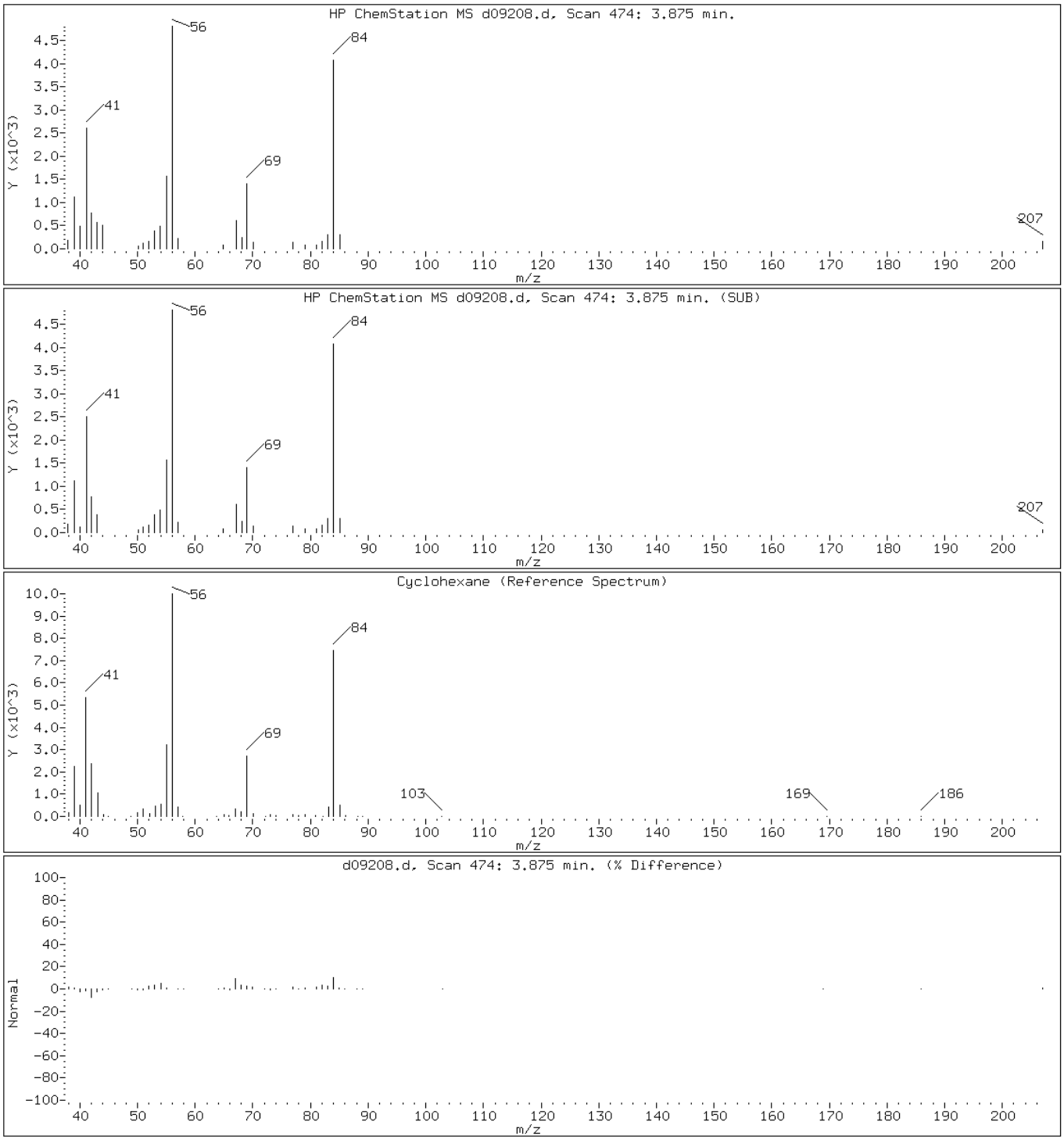
Data File: d09208.d

Date: 14-MAY-2009 12:25

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-3 Operator:

44 Cyclohexane



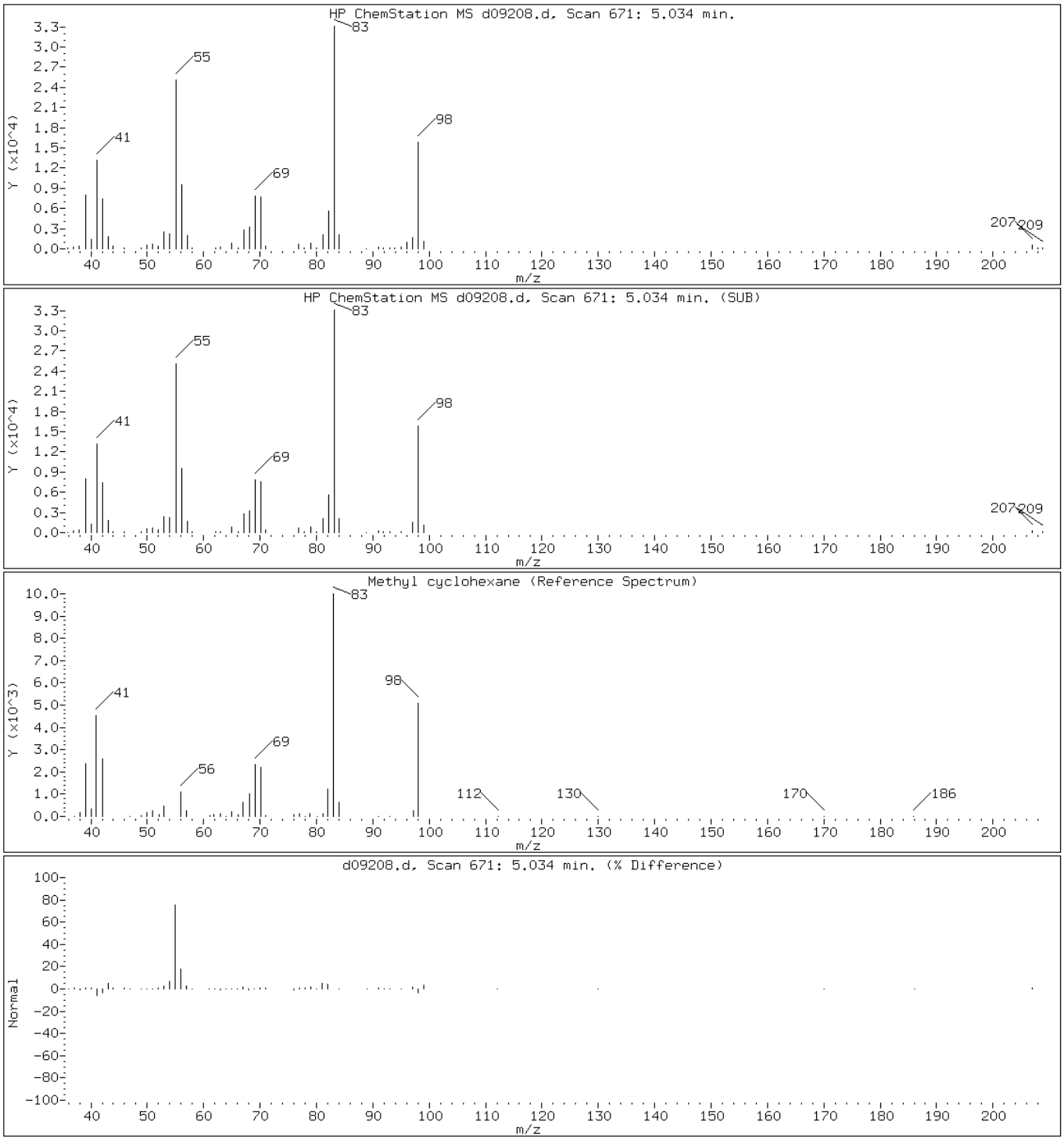
Data File: d09208.d

Date: 14-MAY-2009 12:25

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-3 Operator:

56 Methyl cyclohexane



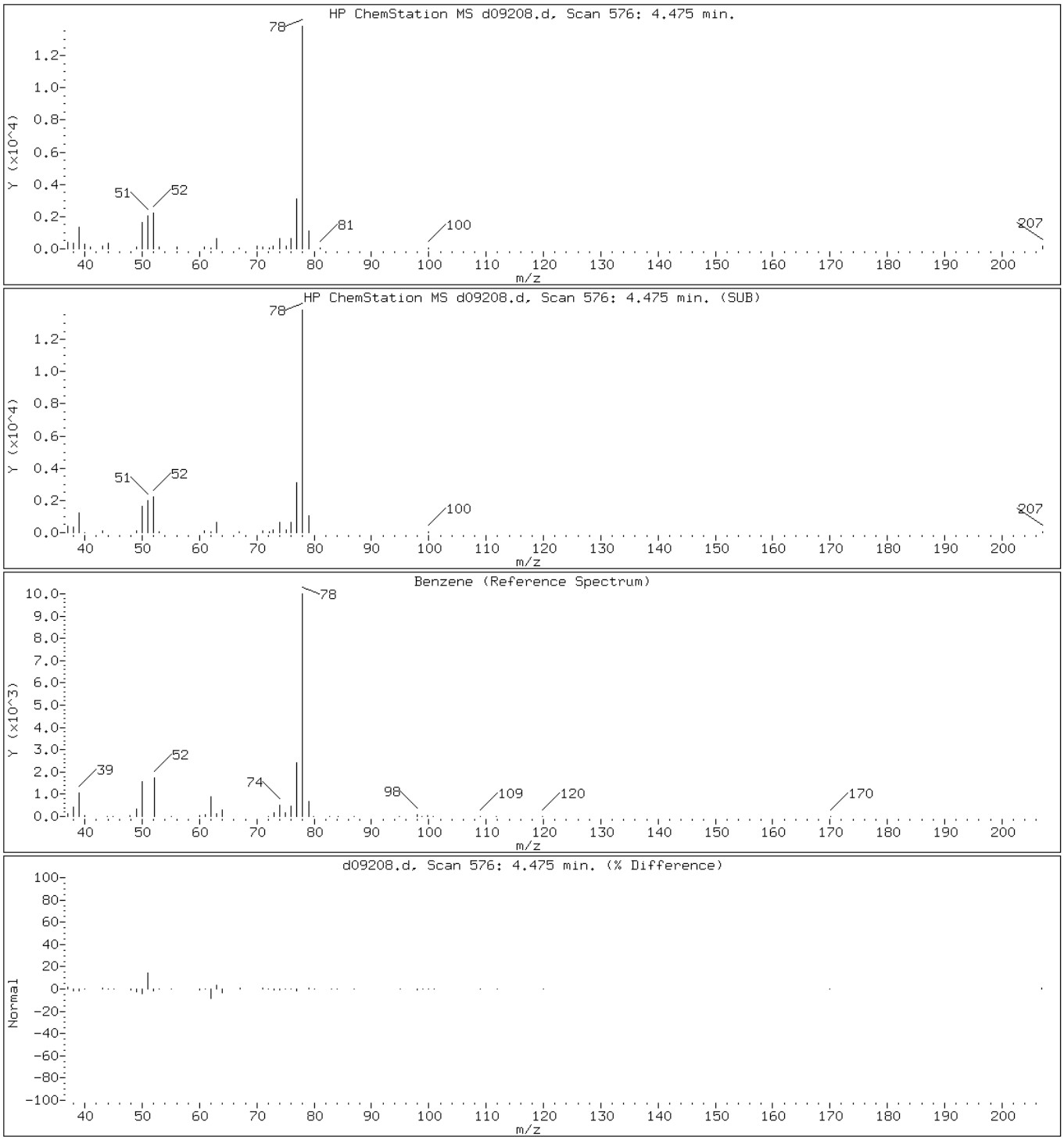
Data File: d09208.d

Date: 14-MAY-2009 12:25

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-3 Operator:

48 Benzene



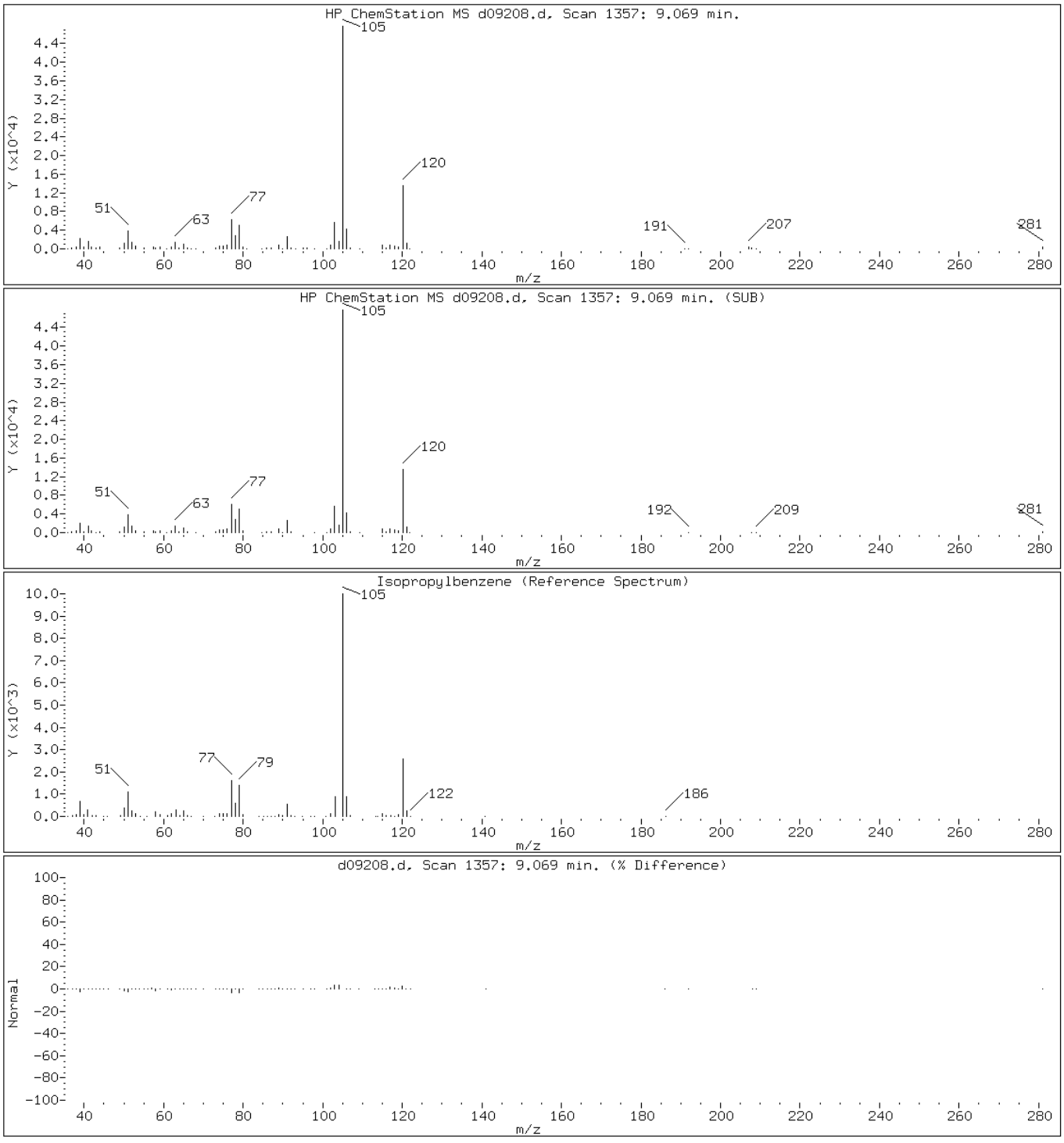
Data File: d09208.d

Date: 14-MAY-2009 12:25

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-3 Operator:

88 Isopropylbenzene



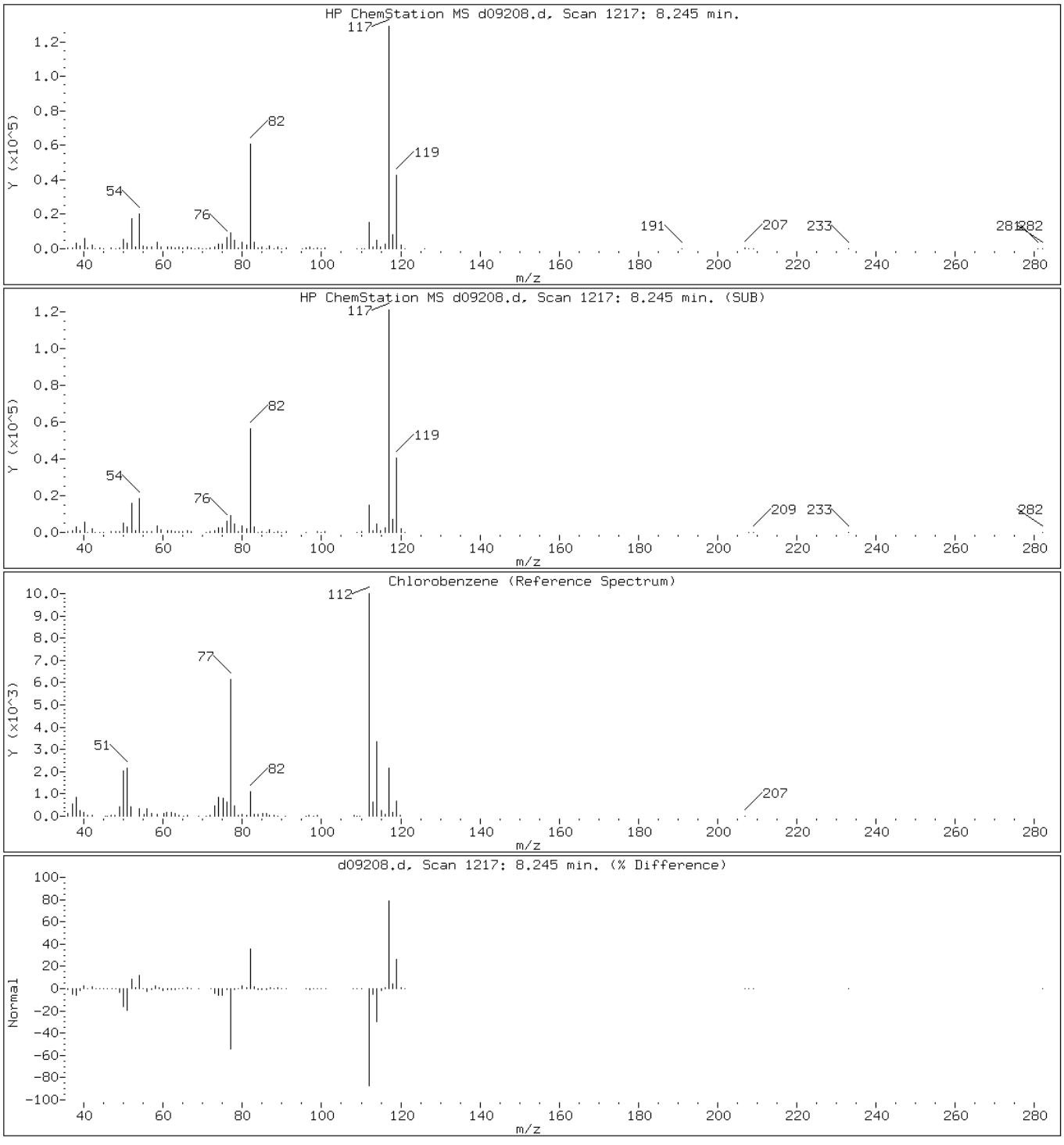
Data File: d09208.d

Date: 14-MAY-2009 12:25

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-3 Operator:

79 Chlorobenzene



Manual Integration Report

Data File: d09208.d
Inj. Date and Time: 14-MAY-2009 12:25
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/21/2009

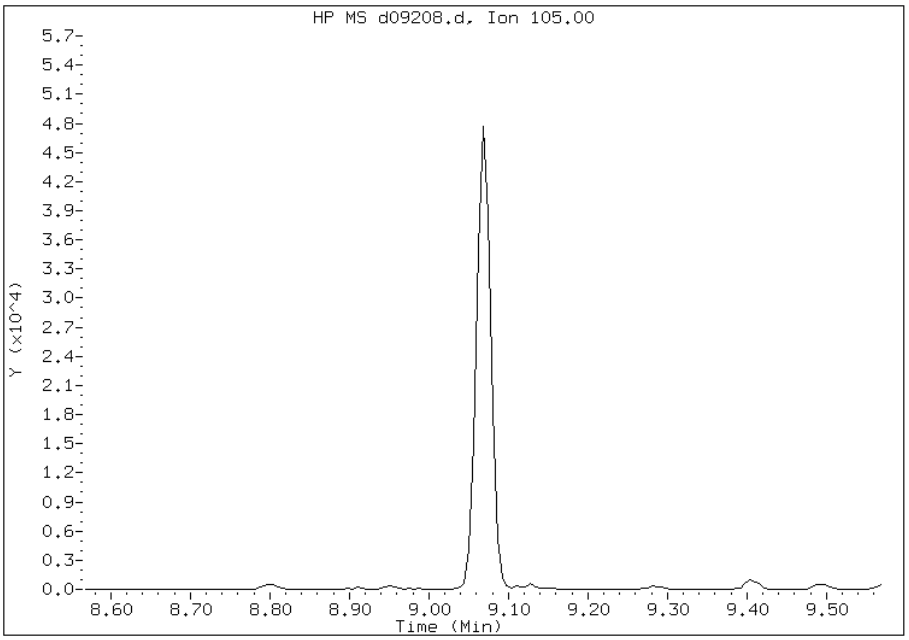
Processing Integration Results

RT: 9.73

Response: 8032

Amount: 0

Conc: 0



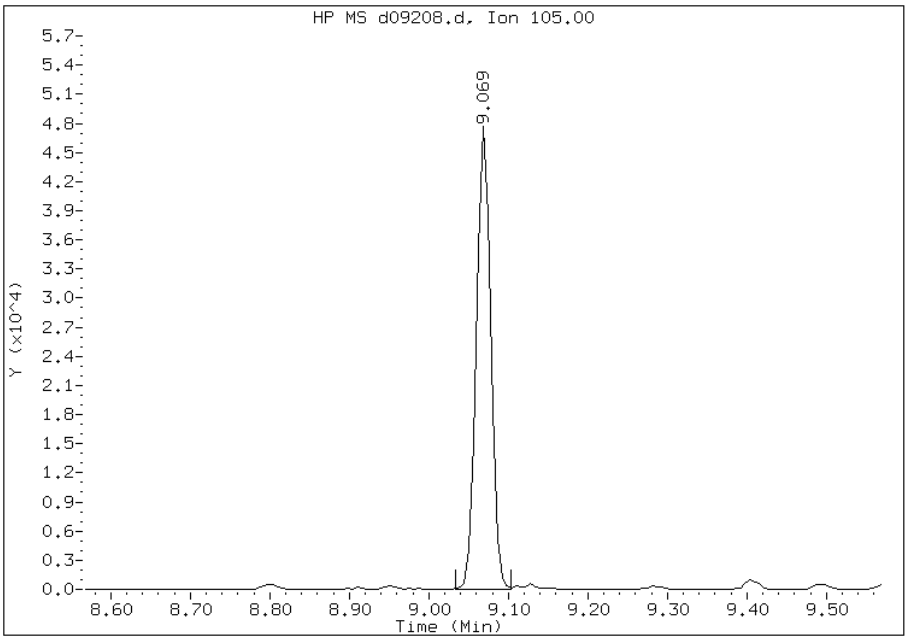
Manual Integration Results

RT: 9.07

Response: 58697

Amount: 3

Conc: 3



Manually Integrated By: vibha
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-004 Lab Sample ID: 460-1570-4

Matrix: Water Lab File ID: d09209.d

Analysis Method: 8260B Date Collected: 05/08/2009 12:50

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 12:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U *	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U *	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	5.3		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	2.9		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	18		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	2.1		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	3.2		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-004 Lab Sample ID: 460-1570-4

Matrix: Water Lab File ID: d09209.d

Analysis Method: 8260B Date Collected: 05/08/2009 12:50

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 12:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.7		1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92	56-125	
2037-26-5	Toluene-d8 (Surr)	88	72-127	
460-00-4	Bromofluorobenzene	87	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09209.d
Report Date: 21-May-2009 15:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09209.d
Lab Smp Id: 460-1570-f-4
Inj Date : 14-MAY-2009 12:49
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1570-f-4
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 21-May-2009 15:05 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.899	2.887	(0.593)	76492	5.32148	5.3
	44 Cyclohexane	56	3.875	3.863	(0.793)	18936	2.91781	2.9
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.616	4.598	(0.945)	32235	46.0772	46
	48 Benzene	78	4.481	4.469	(0.544)	37751	2.06724	2.1
*	52 Fluorobenzene	96	4.887	4.881	(1.000)	866013	50.0000	
	56 Methyl cyclohexane	83	5.034	5.022	(1.030)	111943	17.7474	18
$	65 Toluene-d8 (SUR)	98	6.639	6.634	(0.806)	609039	44.0220	44
*	78 Chlorobenzene-d5	117	8.233	8.228	(1.000)	661758	50.0000	
	79 Chlorobenzene	112	8.245	8.245	(1.001)	23241	1.70879	1.7
	88 Isopropylbenzene	105	9.069	9.069	(1.181)	66586	3.19229	3.2(MH)
$	89 Bromofluorobenzene (SUR)	174	9.286	9.280	(0.914)	275497	43.5245	44
	95 n-Propylbenzene	91	9.404	9.404	(0.926)	31214	1.29878	1.3
	100 tert-Butylbenzene	119	9.810	9.810	(0.966)	4116	0.26119	0.26(a)
	101 1,2,4-Trimethylbenzene	105	9.869	9.863	(0.972)	8288	0.43877	0.44(a)
	103 sec-Butylbenzene	105	9.951	9.945	(0.980)	42622	1.53734	1.5
*	108 1,4-Dichlorobenzene-d4	152	10.157	10.151	(1.000)	366807	50.0000	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09209.d
Report Date: 21-May-2009 15:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
106 n-Butylbenzene	91	10.375	10.374	(1.021)	58791	2.23222	2.2
116 Naphthalene	128	11.780	11.780	(1.160)	817118	35.8988	36

QC Flag Legend

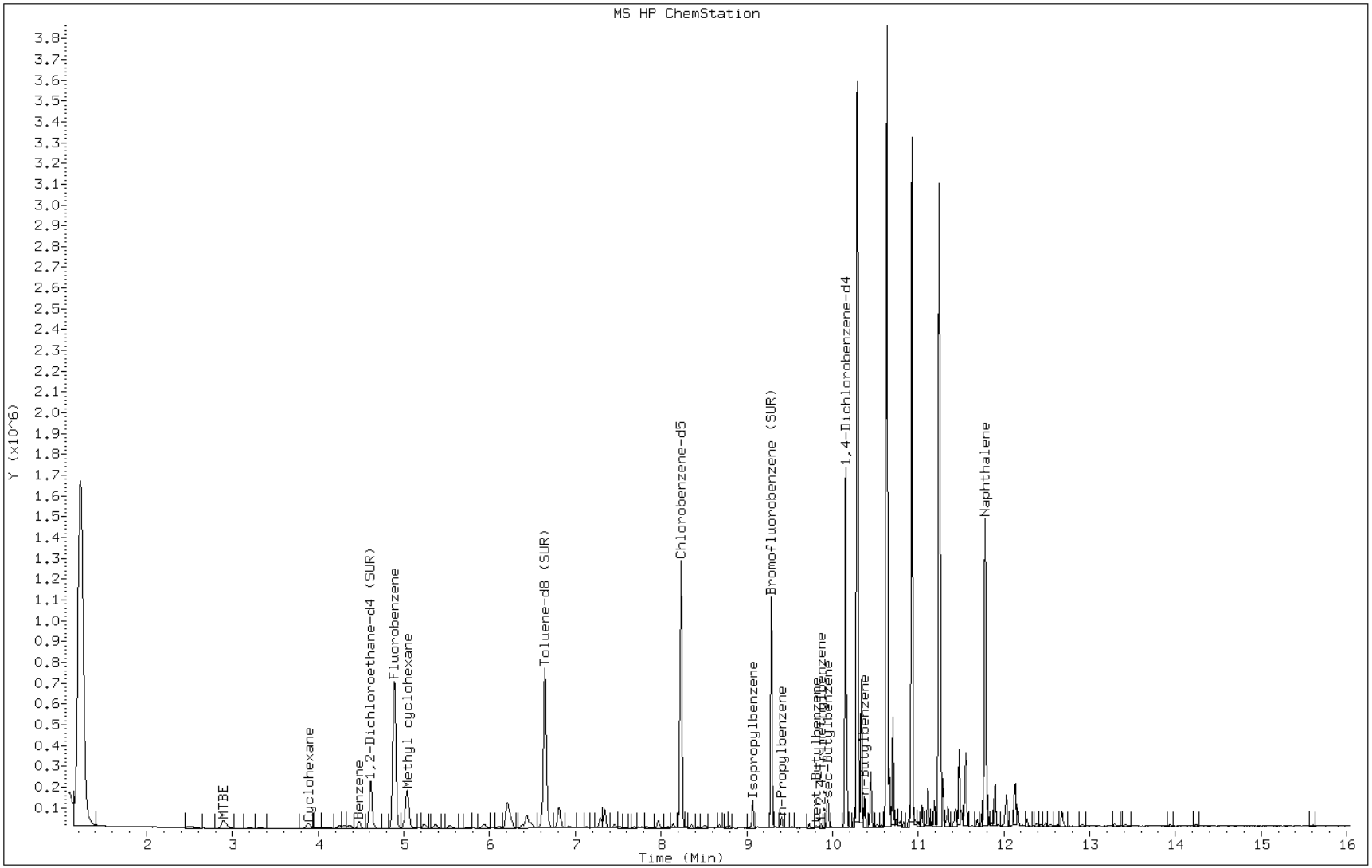
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d09209.d

Date: 14-MAY-2009 12:49

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-4 Operator:



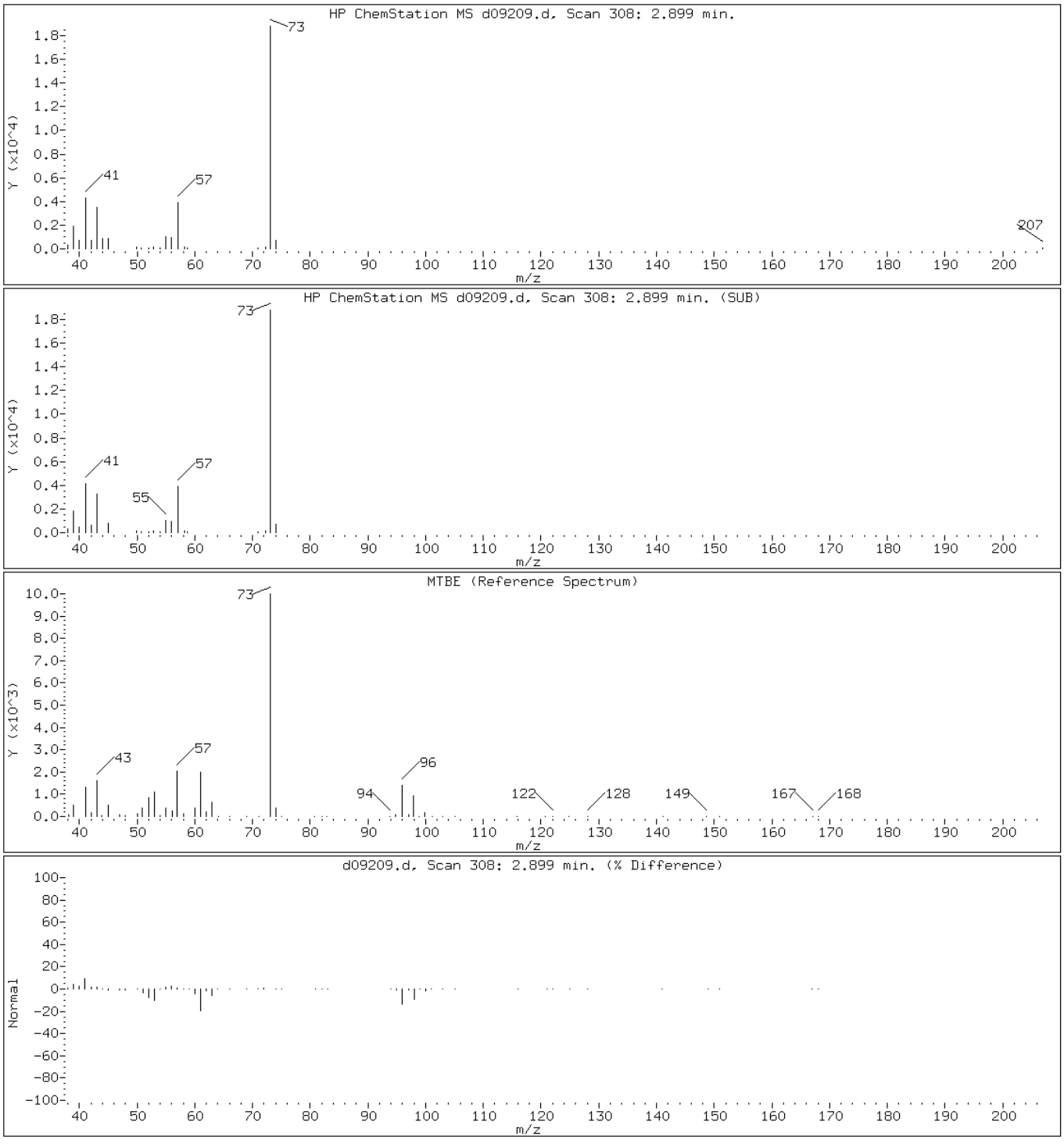
Data File: d09209.d

Date: 14-MAY-2009 12:49

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-4 Operator:

28 MTBE



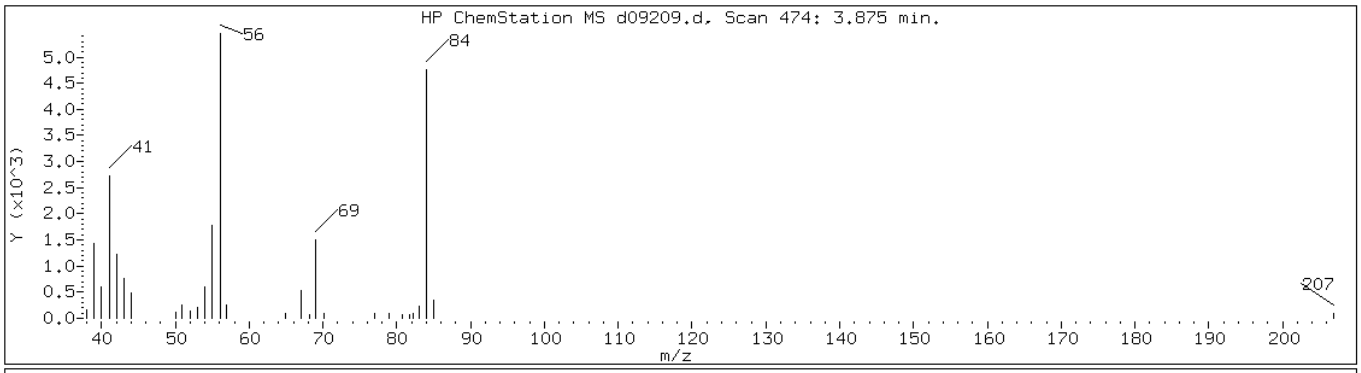
Data File: d09209.d

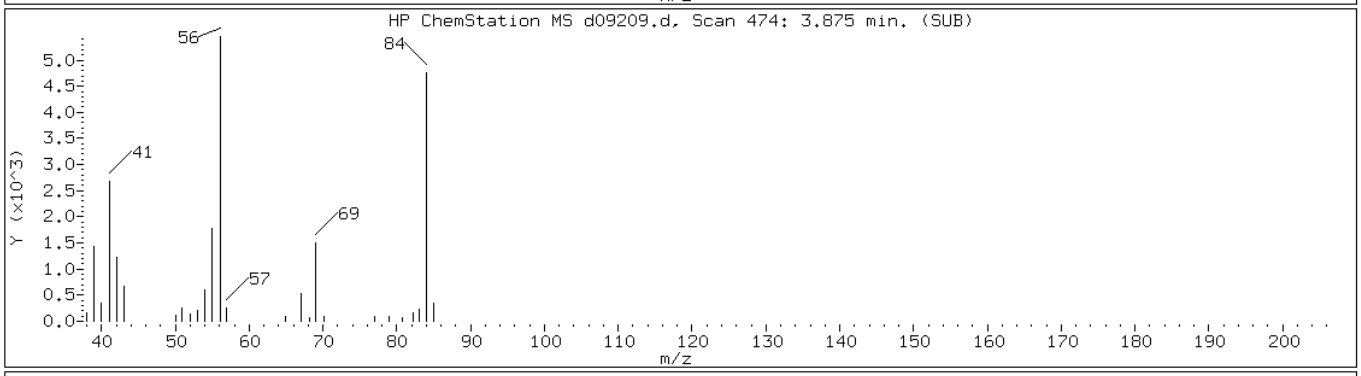
Date: 14-MAY-2009 12:49

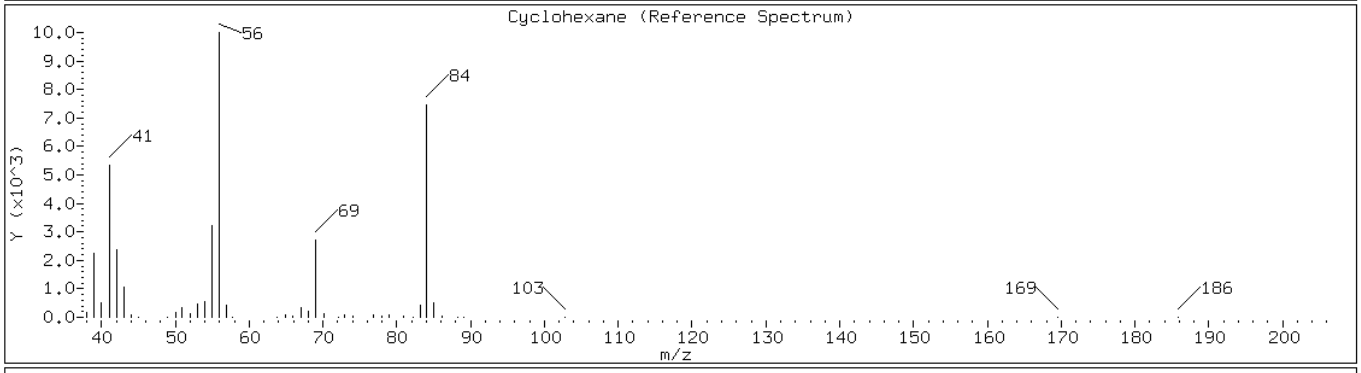
Client ID: Instrument: VOAMS4.i

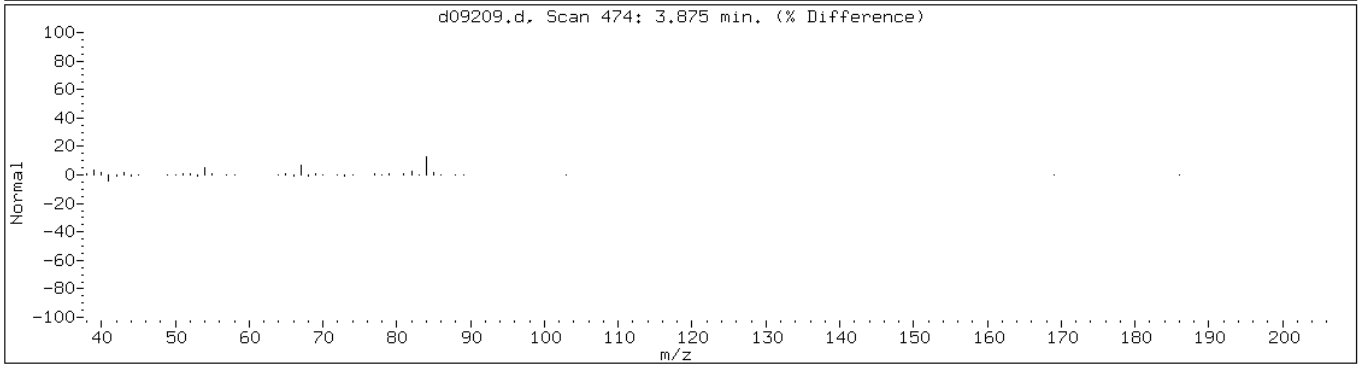
Sample Info: 460-1570-f-4 Operator:

44 Cyclohexane









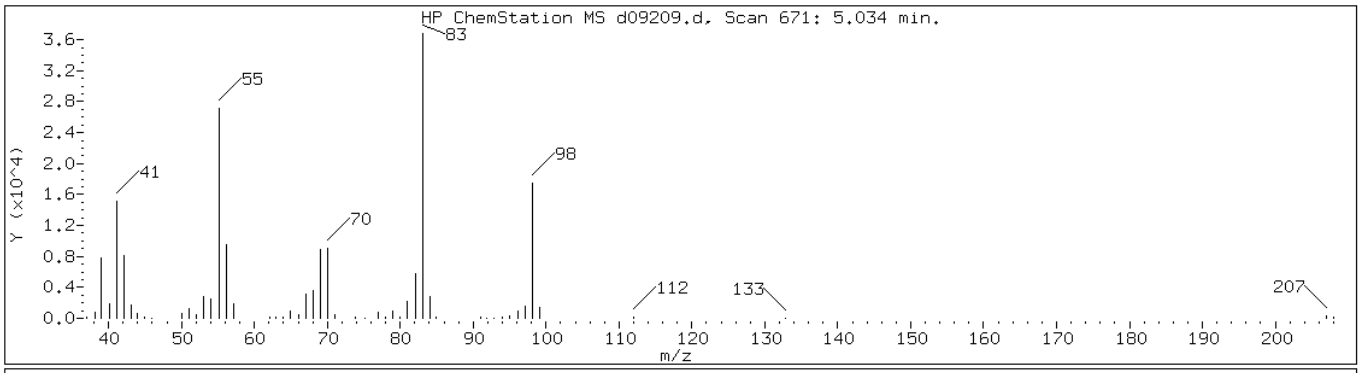
Data File: d09209.d

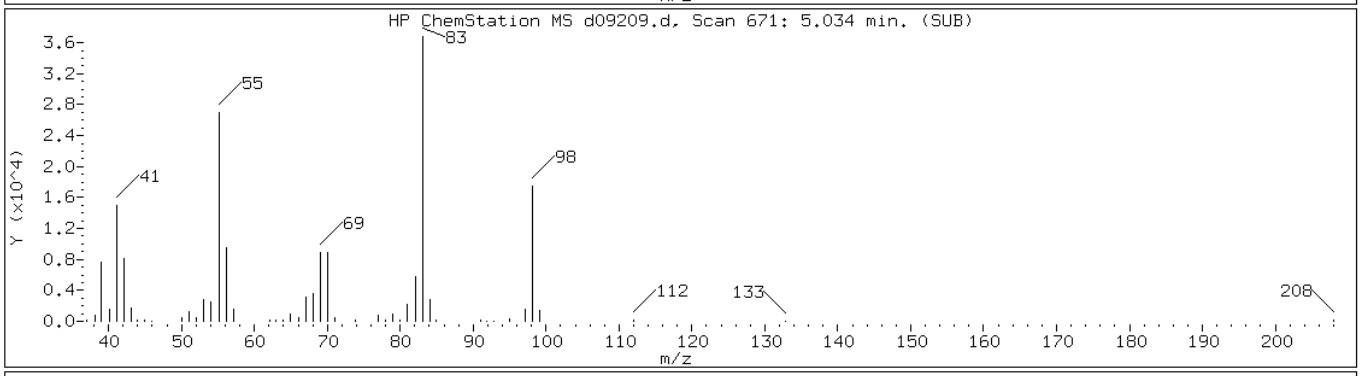
Date: 14-MAY-2009 12:49

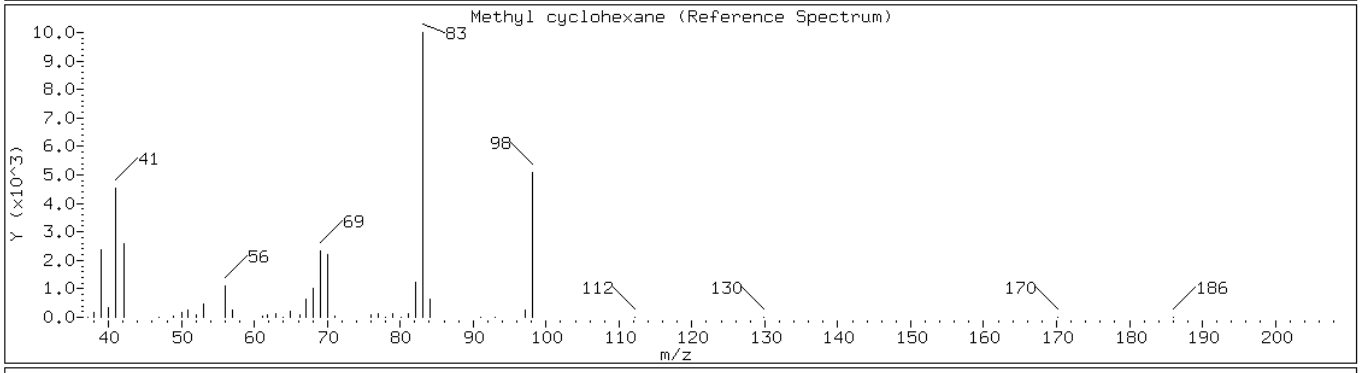
Client ID: Instrument: VOAMS4.i

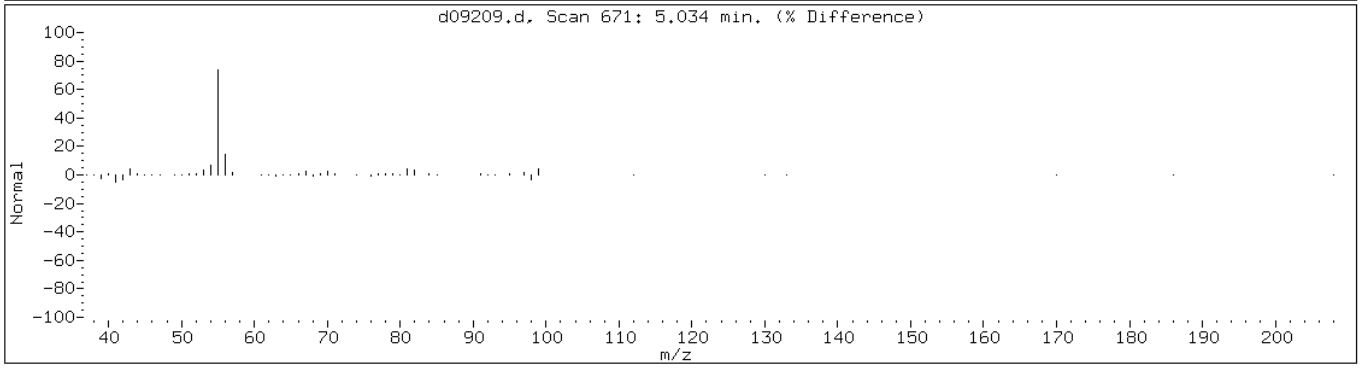
Sample Info: 460-1570-f-4 Operator:

56 Methyl cyclohexane









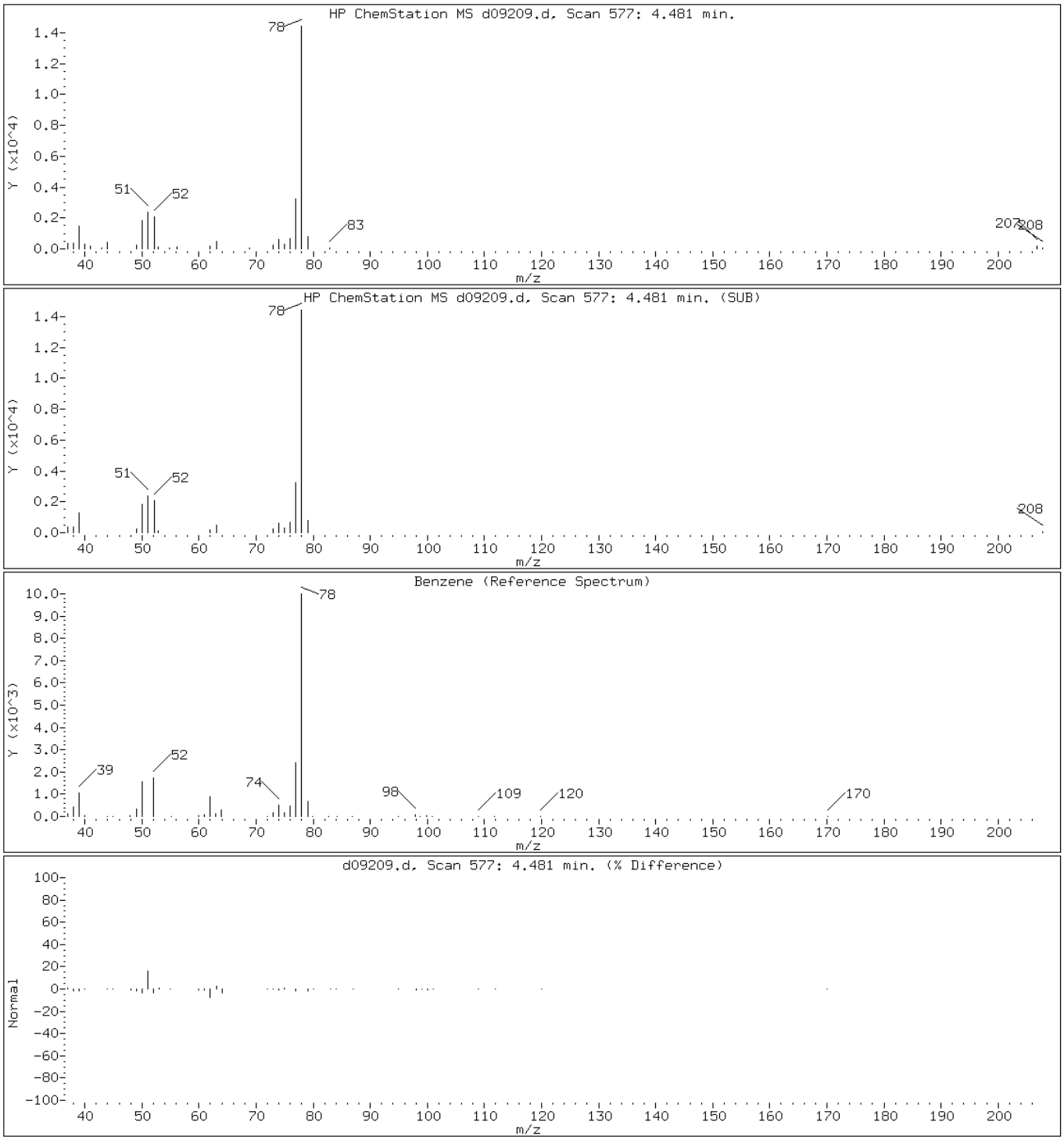
Data File: d09209.d

Date: 14-MAY-2009 12:49

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-4 Operator:

48 Benzene



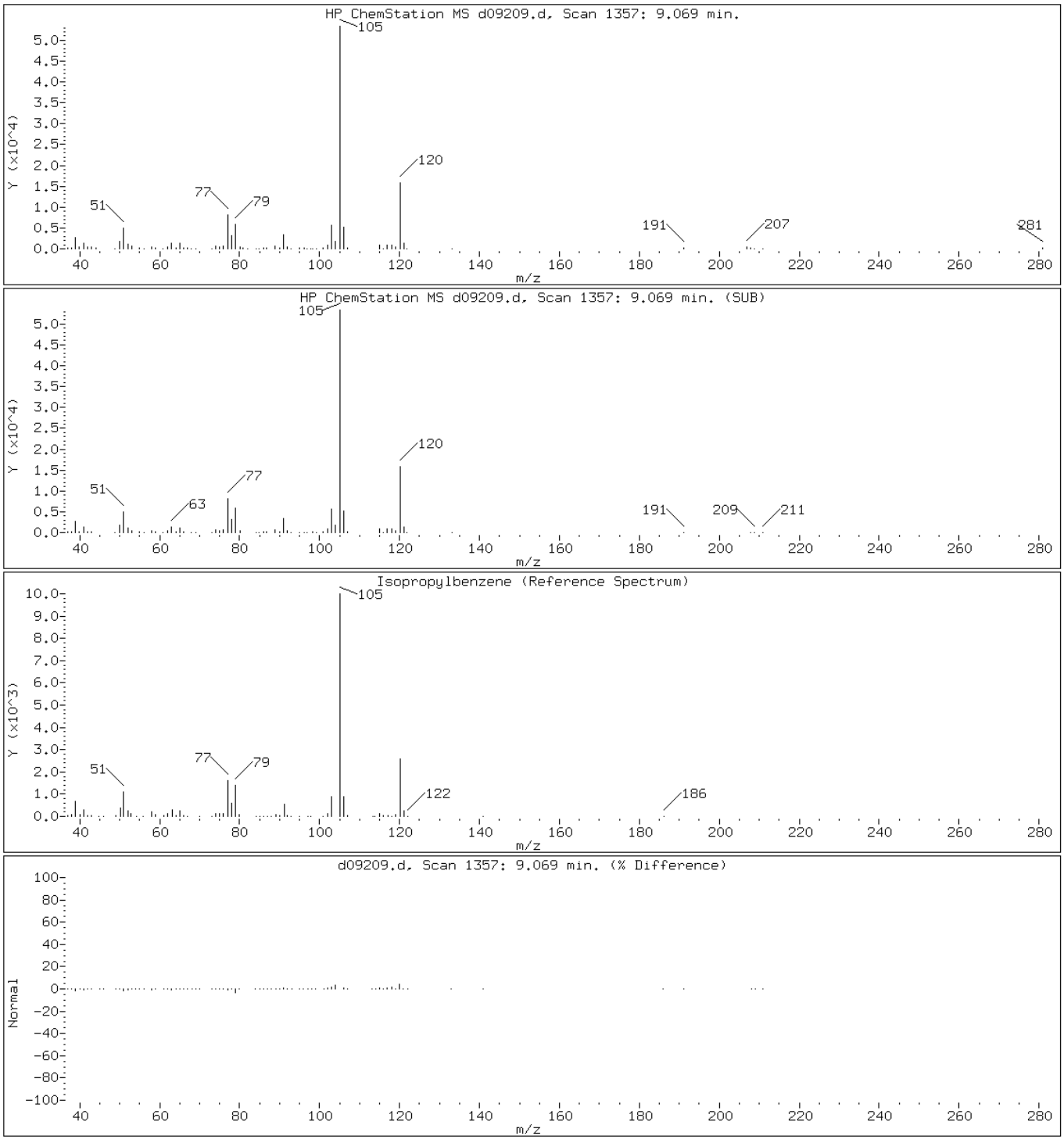
Data File: d09209.d

Date: 14-MAY-2009 12:49

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-4 Operator:

88 Isopropylbenzene



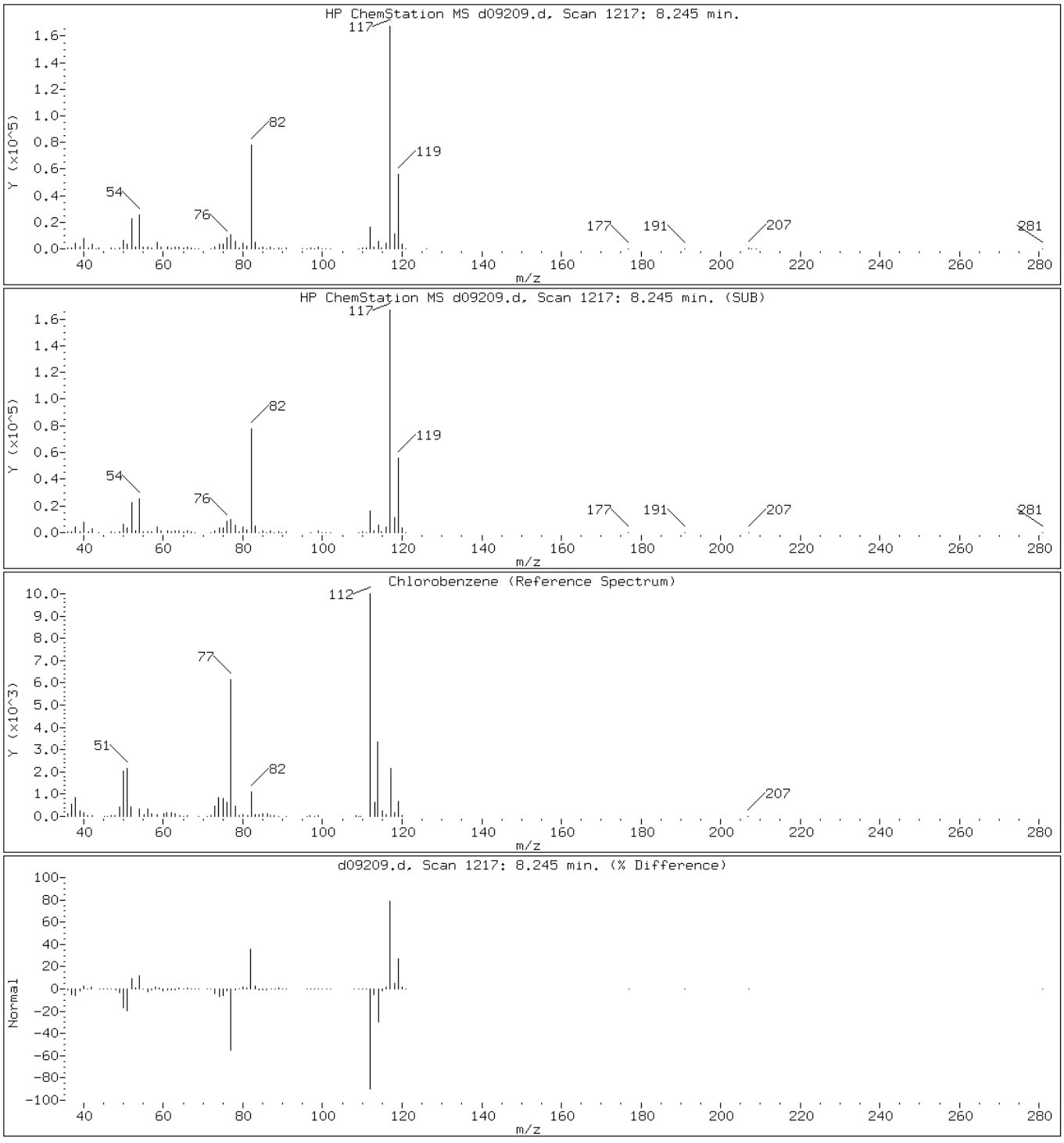
Data File: d09209.d

Date: 14-MAY-2009 12:49

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-4 Operator:

79 Chlorobenzene



Manual Integration Report

Data File: d09209.d
Inj. Date and Time: 14-MAY-2009 12:49
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/21/2009

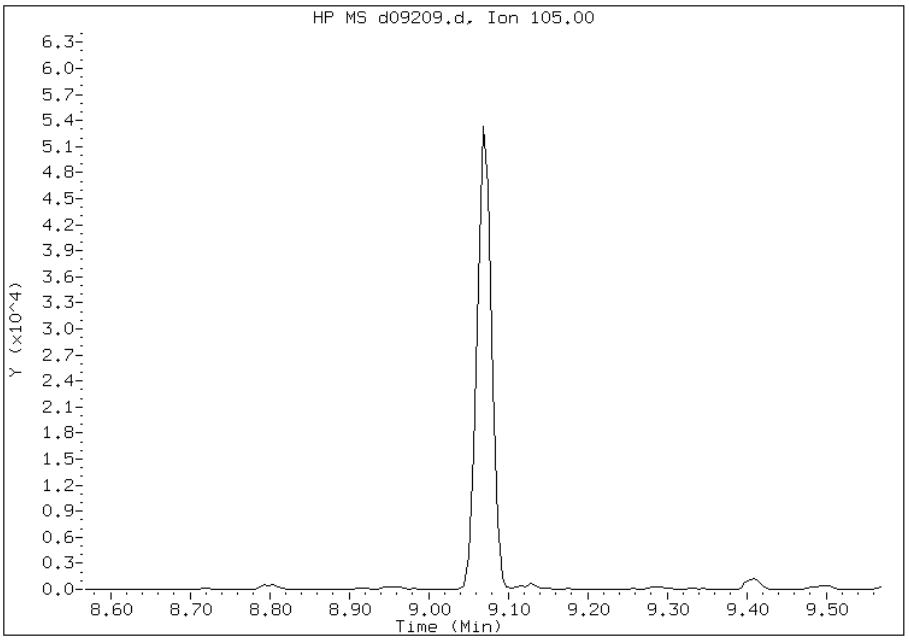
Processing Integration Results

RT: 9.73

Response: 8727

Amount: 0

Conc: 0



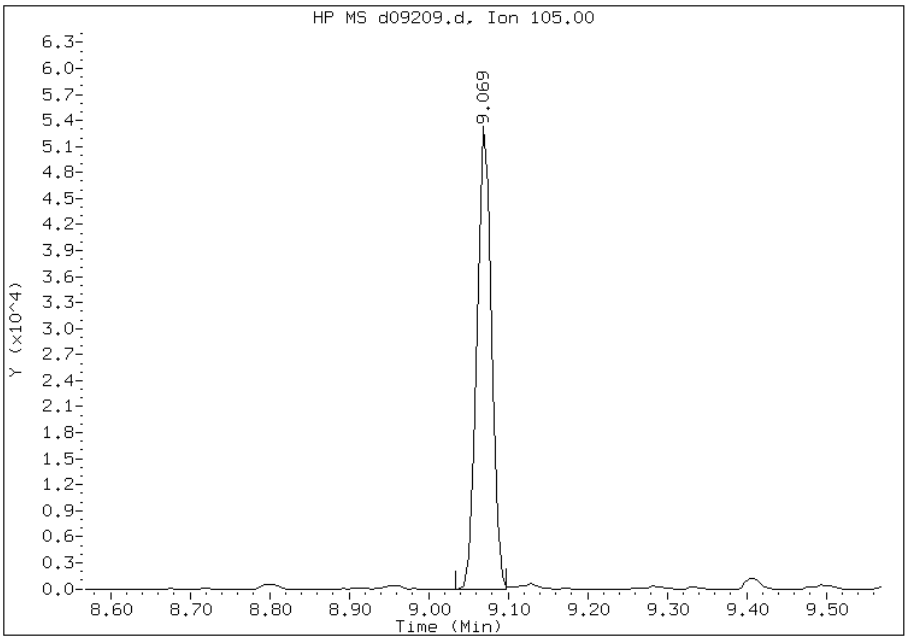
Manual Integration Results

RT: 9.07

Response: 66586

Amount: 3

Conc: 3



Manually Integrated By: vibha
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-005 Lab Sample ID: 460-1570-5

Matrix: Water Lab File ID: d09210.d

Analysis Method: 8260B Date Collected: 05/08/2009 13:15

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 13:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U *	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U *	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-005 Lab Sample ID: 460-1570-5

Matrix: Water Lab File ID: d09210.d

Analysis Method: 8260B Date Collected: 05/08/2009 13:15

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 13:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	56-125	
2037-26-5	Toluene-d8 (Surr)	87	72-127	
460-00-4	Bromofluorobenzene	86	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09210.d
Report Date: 14-May-2009 20:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09210.d
Lab Smp Id: 460-1570-f-5
Inj Date : 14-MAY-2009 13:14
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1570-f-5
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 14-May-2009 05:31 audberto Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

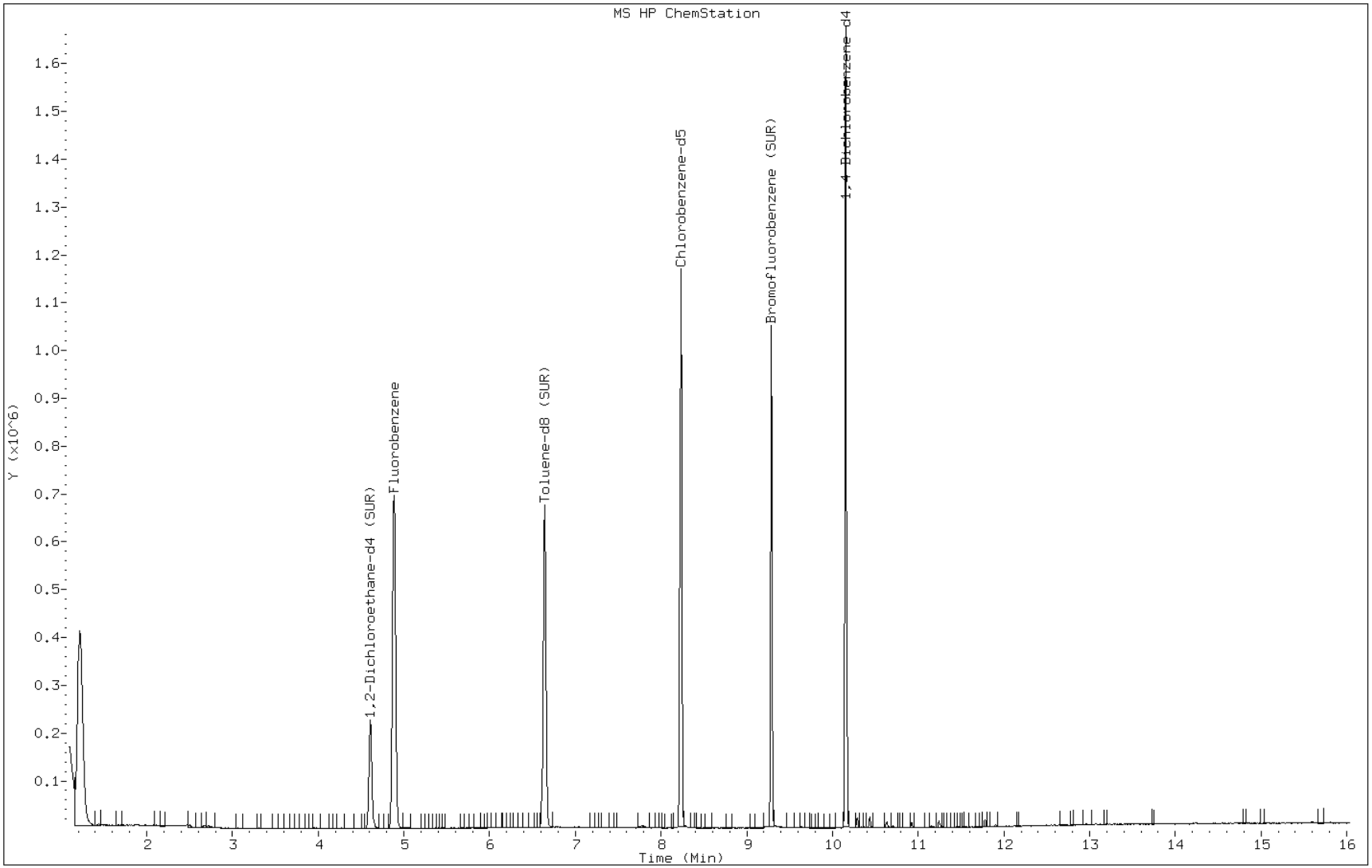
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.598	(0.943)	32711	47.8244	48
* 52 Fluorobenzene	96	4.887	4.881	(1.000)	846695	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.639	6.634	(0.806)	564828	43.5688	44
* 78 Chlorobenzene-d5	117	8.233	8.228	(1.000)	620103	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.286	9.280	(0.914)	254804	42.8202	43
* 108 1,4-Dichlorobenzene-d4	152	10.157	10.151	(1.000)	344835	50.0000	

Data File: d09210.d

Date: 14-MAY-2009 13:14

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-f-5 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: TB-017338-050809-ACH-001 Lab Sample ID: 460-1570-6

Matrix: Water Lab File ID: d09211.d

Analysis Method: 8260B Date Collected: 05/08/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 13:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U *	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U *	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: TB-017338-050809-ACH-001 Lab Sample ID: 460-1570-6

Matrix: Water Lab File ID: d09211.d

Analysis Method: 8260B Date Collected: 05/08/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 13:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89	56-125	
2037-26-5	Toluene-d8 (Surr)	85	72-127	
460-00-4	Bromofluorobenzene	87	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09211.d
Report Date: 14-May-2009 20:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09211.d
Lab Smp Id: 460-1570-c-6
Inj Date : 14-MAY-2009 13:38
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1570-c-6
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 14-May-2009 05:31 audberto Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

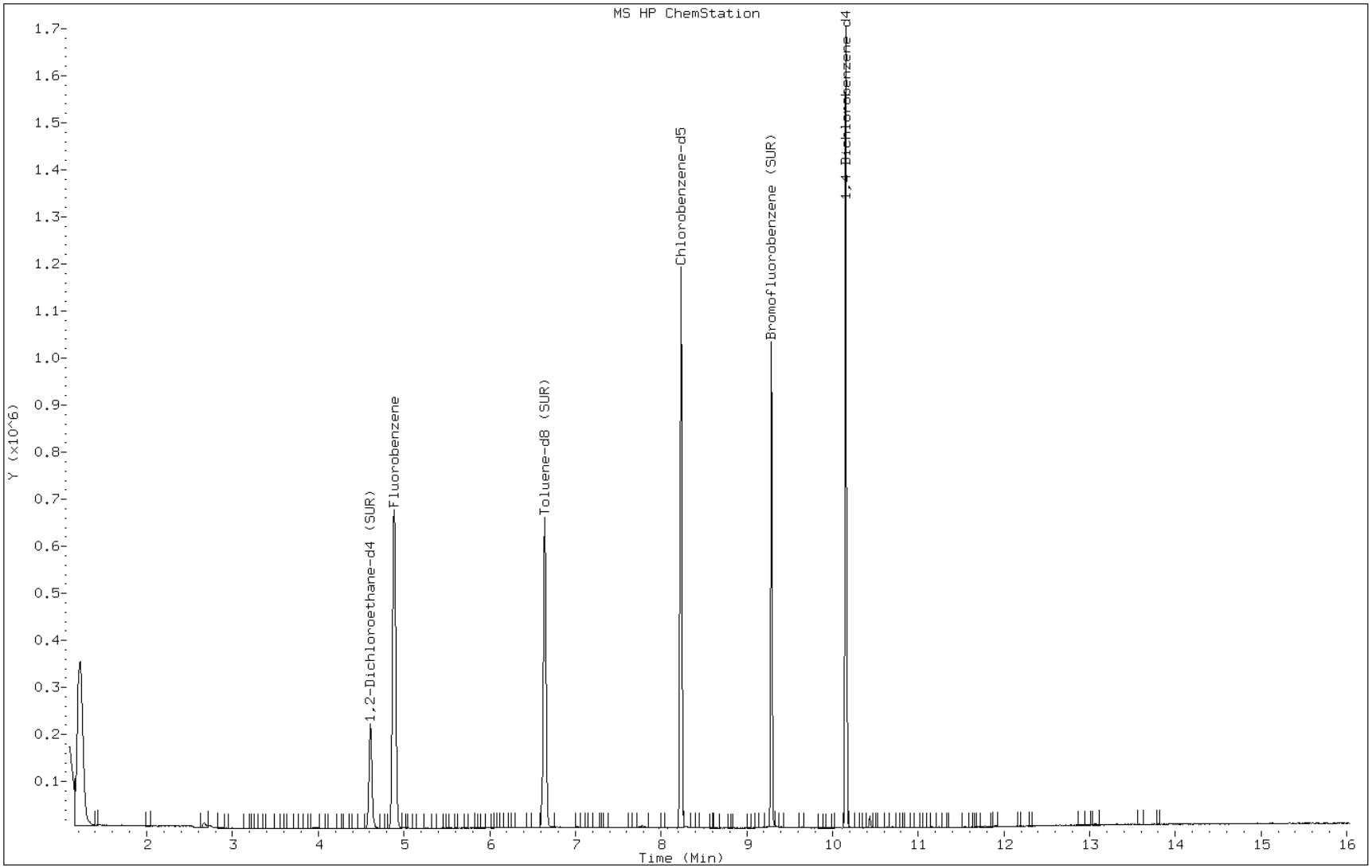
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.616	4.598	(0.945)	30327	44.4163	44
* 52 Fluorobenzene	96	4.887	4.881	(1.000)	845219	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.639	6.634	(0.806)	554539	42.5941	42
* 78 Chlorobenzene-d5	117	8.233	8.228	(1.000)	622739	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.286	9.280	(0.914)	256227	43.4593	43
* 108 1,4-Dichlorobenzene-d4	152	10.157	10.151	(1.000)	341662	50.0000	

Data File: d09211.d

Date: 14-MAY-2009 13:38

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-c-6 Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-4971/2	d08623.d
Level 2	IC 460-4971/3	d08625.d
Level 3	ICIS 460-4971/4	d08626.d
Level 4	IC 460-4971/5	d08627.d
Level 5	IC 460-4971/6	d08628.d
Level 6	IC 460-4971/7	d08629.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			0.0000
2-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			0.0000
3-Chloro-1-propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave											
Dimethylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			0.0000
Methylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			0.0000
Propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			0.0000
Dichlorodifluoromethane	0.2227 0.2448	0.2905	0.2478	0.2837	0.2710	Ave		0.2601				10.0		15.0			0.0000
Chloromethane	0.4159 0.3863	0.3689	0.3602	0.3920	0.4046	Ave		0.3880			0.1000	5.4		15.0			0.0000
Vinyl chloride	0.4126 0.3699	0.3795	0.3544	0.3820	0.3864	Ave		0.3808				5.1		30.0			0.0000
Bromomethane	0.3339 0.2543	0.2668	0.2648	0.2808	0.2705	Ave		0.2785				10.2		15.0			0.0000
Chloroethane	0.2940 0.2049	0.2391	0.2176	0.2367	0.2243	Ave		0.2361				13.1		15.0			0.0000
Pentane	0.0394 0.0374	0.0339	0.0266	0.0403	0.0438	LinF		0.0384							0.9948		0.9900
Ethanol	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			0.0000
Trichlorofluoromethane	0.3808 0.3567	0.4646	0.4047	0.4389	0.4155	Ave		0.4102				9.5		15.0			0.0000
2-Methyl-1,3-butadiene	0.3642 0.3272	0.2945	0.3046	0.3447	0.3621	Ave		0.3329				8.8		15.0			0.0000

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	0.2696 0.2039	0.2175	0.2008	0.2097	0.2202	Ave		0.2203				11.5		15.0			0.0000
1,1-Dichloroethene	0.2989 0.2531	0.2522	0.2505	0.2620	0.2697	Ave		0.2644				7.0		30.0			0.0000
Carbon disulfide	0.9345 0.8681	0.8222	0.7943	0.8772	0.9187	Ave		0.8692				6.2		15.0			0.0000
Iodomethane	0.6663 0.5446	0.5490	0.5358	0.5838	0.5978	Ave		0.5796				8.4		15.0			0.0000
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2737 0.2239	0.2166	0.2080	0.2674	0.2575	Ave		0.2412				11.8		15.0			0.0000
Acrolein	0.0418 0.0347	0.0405	0.0385	0.0367	0.0361	Ave		0.0381				7.1		15.0			0.0000
Isopropyl alcohol	0.0188 0.0220	0.0198	0.0191	0.0204	0.0190	Ave		0.0198				6.0		15.0			0.0000
Methylene Chloride	0.3227 0.3070	0.3166	0.3055	0.3182	0.3250	Ave		0.3158				2.5		15.0			0.0000
Acetone	0.0478 0.0272	0.0353	0.0259	0.0338	0.0316	QuaF		27.534	34.145						0.9998		0.9900
trans-1,2-Dichloroethene	0.3202 0.2838	0.2804	0.2664	0.2796	0.2942	Ave		0.2874				6.4		15.0			0.0000
Methyl acetate	0.1349 0.1091	0.1116	0.1031	0.1090	0.1174	Ave		0.1142				9.8		15.0			0.0000
Hexane	0.1900 0.1569	0.1775	0.1572	0.1734	0.1747	Ave		0.1716				7.4		15.0			0.0000
Methyl tert-butyl ether	0.9212 0.8424	0.7793	0.7538	0.8093	0.8734	Ave		0.8299				7.5		15.0			0.0000
2-Methyl-2-propanol	0.0343 0.0369	0.0305	0.0250	0.0290	0.0325	Ave		0.0314				13.3		15.0			0.0000
Acetonitrile	0.0115 0.0080	0.0086	0.0061	0.0068	0.0076	LinF		0.0079							0.9993		0.9900
Isopropyl ether	1.3001 0.8263	1.0774	0.9353	0.8855	0.8710	LinF		0.8334							0.9994		0.9900
Vinyl acetate	0.4473 0.3751	0.3897	0.3891	0.3950	0.4004	Ave		0.3994				6.2		15.0			0.0000
1,1-Dichloroethane	0.5001 0.4657	0.4556	0.4382	0.4587	0.4827	Ave		0.4669			0.1000	4.7		15.0			0.0000
Acrylonitrile	0.1300 0.1190	0.1122	0.1101	0.1160	0.1195	Ave		0.1178				6.0		15.0			0.0000
Tert-butyl ethyl ether	2.6512 0.8719	1.5555	1.0027	0.9616	0.9130	LinF		0.8789							0.9993		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Allyl alcohol	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			0.0000
cis-1,2-Dichloroethene	0.3715 0.3114	0.3262	0.3038	0.3122	0.3305	Ave		0.3259				7.5		15.0			0.0000
2,2-Dichloropropane	0.3863 0.2792	0.3209	0.3039	0.3206	0.3129	Ave		0.3206				11.1		15.0			0.0000
Cyclohexane	0.3477 0.3883	0.3561	0.3307	0.4123	0.4131	Ave		0.3747				9.3		15.0			0.0000
Chlorobromomethane	0.2085 0.1742	0.1877	0.1720	0.1797	0.1853	Ave		0.1846				7.2		15.0			0.0000
Chloroform	0.5629 0.4720	0.4855	0.4631	0.4751	0.5016	Ave		0.4934				7.4		30.0			0.0000
Carbon tetrachloride	0.4052 0.4383	0.4137	0.4080	0.4551	0.4681	Ave		0.4314				6.1		15.0			0.0000
Ethyl acetate	0.0303 0.0336	0.0290	0.0287	0.0310	0.0329	Ave		0.0309				6.4		15.0			0.0000
Tetrahydrofuran	0.1783 0.1395	0.1337	0.1131	0.1257	0.1362	LinF		0.1389							0.9997		0.9900
1,1,1-Trichloroethane	0.4436 0.3986	0.3903	0.3817	0.4093	0.4275	Ave		0.4085				5.7		15.0			0.0000
1,1-Dichloropropene	0.3614 0.3613	0.3262	0.3262	0.3536	0.3789	Ave		0.3513				6.0		15.0			0.0000
2-Butanone (MEK)	0.0383 0.0518	0.0397	0.0479	0.0500	0.0517	Ave		0.0466				13.0		15.0			0.0000
n-Heptane	0.1417 0.1121	0.1165	0.1010	0.1193	0.1244	Ave		0.1192				11.4		15.0			0.0000
Benzene	1.5370 1.3236	1.3969	1.3045	1.3248	1.3918	Ave		1.3798				6.2		15.0			0.0000
Tert-amyl methyl ether	0.8218 0.8439	0.7447	0.7253	0.7934	0.8677	Ave		0.7995				7.0		15.0			0.0000
1,2-Dichloroethane	0.3734 0.3433	0.3494	0.3225	0.3397	0.3554	Ave		0.3473				4.9		15.0			0.0000
Isopropyl acetate	0.4819 0.5565	0.4445	0.4487	0.5012	0.5513	Ave		0.4973				9.8		15.0			0.0000
Methylcyclohexane	0.3681 0.3210	0.3744	0.3410	0.3912	0.3893	Ave		0.3642				7.7		15.0			0.0000
Trichloroethene	0.3369 0.2956	0.2808	0.2674	0.2848	0.3089	Ave		0.2957				8.3		15.0			0.0000
n-Butanol	0.0072 0.0107	0.0080	0.0087	0.0081	0.0091	Ave		0.0086				14.3		15.0			0.0000

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	0.2095 0.1943	0.1920	0.1804	0.1901	0.2004	Ave		0.1944				5.1		15.0			0.0000
1,2-Dichloropropane	0.3048 0.2863	0.2613	0.2497	0.2697	0.2920	Ave		0.2773				7.4		30.0			0.0000
Ethyl acrylate	0.3510 0.3639	0.2785	0.2862	0.3168	0.3512	Ave		0.3246				11.2		15.0			0.0000
Dichlorobromomethane	0.3644 0.3909	0.3325	0.3344	0.3576	0.3960	Ave		0.3626				7.4		15.0			0.0000
Methyl methacrylate	0.0661 0.0865	0.0691	0.0698	0.0797	0.0861	Ave		0.0762				11.9		15.0			0.0000
1,4-Dioxane	0.0031 0.0040	0.0032	0.0034	0.0035	0.0036	Ave		0.0035				9.1		15.0			0.0000
n-Propyl acetate	0.3630 0.4082	0.3198	0.3272	0.3628	0.3939	Ave		0.3625				9.7		15.0			0.0000
2-Chloroethyl vinyl ether	0.1472 0.1917	0.1388	0.1433	0.1679	0.1902	Ave		0.1632				14.5		15.0			0.0000
cis-1,3-Dichloropropene	0.5350 0.5666	0.4884	0.4917	0.5224	0.5793	Ave		0.5306				7.1		15.0			0.0000
Toluene	1.9323 1.4706	1.5278	1.3893	1.4301	1.5283	Ave		1.5464				12.7		30.0			0.0000
Epichlorohydrin	0.0334 0.0365	0.0321	0.0320	0.0341	0.0364	Ave		0.0341				5.9		15.0			0.0000
Tetrachloroethene	0.4854 0.4256	0.4343	0.4128	0.4358	0.4623	Ave		0.4427				6.0		15.0			0.0000
4-Methyl-2-pentanone (MIBK)	0.3316 0.4051	0.3372	0.3281	0.3598	0.3973	Ave		0.3598				9.4		15.0			0.0000
trans-1,3-Dichloropropene	0.4702 0.5237	0.4435	0.4443	0.4762	0.5297	Ave		0.4813				7.8		15.0			0.0000
1,1,2-Trichloroethane	0.2722 0.2617	0.2627	0.2503	0.2589	0.2711	Ave		0.2628				3.1		15.0			0.0000
Chlorodibromomethane	0.4060 0.4231	0.3570	0.3686	0.3913	0.4344	Ave		0.3967				7.6		15.0			0.0000
1,3-Dichloropropane	0.5782 0.5460	0.5115	0.4986	0.5241	0.5590	Ave		0.5362				5.6		15.0			0.0000
Ethylene Dibromide	0.3647 0.3493	0.3373	0.3284	0.3412	0.3621	Ave		0.3471				4.1		15.0			0.0000
n-Butyl acetate	0.0878 0.1017	0.0753	0.0810	0.0918	0.1014	Ave		0.0899				11.9		15.0			0.0000
2-Hexanone	0.1996 0.2621	0.2020	0.2134	0.2260	0.2518	Ave		0.2258				11.5		15.0			0.0000

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorobenzene	1.1024 1.0451	0.9827	0.9476	0.9989	1.0892	Ave		1.0276			0.3000	6.0		15.0			0.0000
Ethylbenzene	0.5389 0.5410	0.4777	0.4801	0.5143	0.5600	Ave		0.5186				6.6		30.0			0.0000
1,1,1,2-Tetrachloroethane	0.4436 0.4359	0.4023	0.4040	0.4286	0.4608	Ave		0.4292				5.3		15.0			0.0000
m-Xylene & p-Xylene	0.6387 0.6583	0.5748	0.6026	0.6432	0.7109	Ave		0.6381				7.3		15.0			0.0000
o-Xylene	0.6474 0.6846	0.5852	0.6017	0.6560	0.7109	Ave		0.6476				7.4		15.0			0.0000
Bromoform	0.2628 0.3306	0.2653	0.2840	0.3112	0.3420	Ave		0.2993			0.1000	11.2		15.0			0.0000
Styrene	0.8489 1.1148	0.8346	0.9021	0.9951	1.1429	Ave		0.9731				13.7		15.0			0.0000
n-Butyl acrylate	0.1967 0.2750	0.1788	0.2100	0.2421	0.2758	LinF		0.2748							0.9997		0.9900
Isopropylbenzene	1.4583 1.4547	1.4785	1.5189	1.7010	1.8446	Ave		1.5760				10.2		15.0			0.0000
Camphene	0.3548 0.4281	0.3690	0.3770	0.4285	0.4790	Ave		0.4061				11.6		15.0			0.0000
Bromobenzene	0.9282 0.9106	0.8481	0.8396	0.8843	0.9690	Ave		0.8966				5.5		15.0			0.0000
N-Propylbenzene	3.1656 2.7451	3.0814	3.1820	3.5589	3.9230	Ave		3.2760				12.5		15.0			0.0000
1,1,2,2-Tetrachloroethane	0.8838 0.8616	0.8212	0.8248	0.8732	0.8916	Ave		0.8594			0.3000	3.5		15.0			0.0000
2-Chlorotoluene	2.0828 2.2053	1.9395	1.9665	2.1315	2.3553	Ave		2.1135				7.3		15.0			0.0000
1,2,3-Trichloropropane	0.2784 0.2747	0.2722	0.2676	0.2823	0.2892	Ave		0.2774				2.8		15.0			0.0000
1,3,5-Trimethylbenzene	2.2751 2.4221	2.2672	2.3675	2.7095	3.0604	Ave		2.5170				12.4		15.0			0.0000
trans-1,4-Dichloro-2-butene	0.1419 0.1951	0.1478	0.1537	0.1724	0.1959	Ave		0.1678				14.2		15.0			0.0000
4-Chlorotoluene	1.9824 2.1421	1.8333	1.8705	2.0501	2.2916	Ave		2.0283				8.5		15.0			0.0000
tert-Butylbenzene	1.7643 2.3051	1.9060	1.9858	2.3148	2.6126	Ave		2.1481				14.7		15.0			0.0000
Butyl Methacrylate	0.5919 0.9872	0.6433	0.7172	0.8735	1.0127	LinF		0.9896							0.9995		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	2.3024 2.4183	2.3750	2.4963	2.7766	3.0802	Ave		2.5748				11.5		15.0			0.0000
sec-Butylbenzene	2.5018 +++++	2.8377	2.9680	3.4338	3.8054	LinF		3.7792							0.9985		0.9900
4-Isopropyltoluene	2.1683 2.4378	2.4342	2.5714	3.0070	3.3093	QuaF		0.2037	0.0084						0.9985		0.9900
1,3-Dichlorobenzene	1.7496 1.6270	1.5389	1.5053	1.6064	1.7026	Ave		1.6216				5.8		15.0			0.0000
1,4-Dichlorobenzene	1.8587 1.6406	1.5858	1.5299	1.6080	1.7173	Ave		1.6567				7.0		15.0			0.0000
2-Octanone	0.8204 1.2649	0.8112	0.9404	1.0892	1.2531	LinF		1.2616							0.9996		0.9900
Benzyl chloride	3.2616 3.5797	3.2710	3.3841	3.8582	4.1860	Ave		3.5901				10.3		15.0			0.0000
n-Butylbenzene	3.2616 3.5797	3.2710	3.3841	3.8582	4.1860	Ave		3.5901				10.3		15.0			0.0000
1,2-Dichlorobenzene	1.7246 1.6613	1.6040	1.5646	1.6549	1.7563	Ave		1.6610				4.3		15.0			0.0000
1,2-Dibromo-3-Chloropropane	0.1805 0.1828	0.1477	0.1562	0.1718	0.1863	Ave		0.1709				9.2		15.0			0.0000
Hexachlorobutadiene	0.4856 0.4785	0.4295	0.4031	0.4810	0.5128	Ave		0.4651				8.7		15.0			0.0000
1,2,4-Trichlorobenzene	1.3622 1.3095	1.2405	1.2268	1.3278	1.3802	Ave		1.3078				4.8		15.0			0.0000
Camphor	0.0770 0.1692	0.0799	0.0952	0.1158	0.1470	QuaF		7.4225	-0.179						0.9997		0.9900
Naphthalene	2.9327 2.5255	2.9808	3.1570	3.4376	3.5825	Ave		3.1027				12.2		15.0			0.0000
1,2,3-Trichlorobenzene	1.4178 1.3173	1.3144	1.2549	1.3534	1.3955	Ave		1.3422				4.4		15.0			0.0000
1,2-Dichloroethane-d4 (Surr)	0.0410 0.0400	0.0406	0.0401	0.0408	0.0398	Ave		0.0404				1.2		15.0			0.0000
Toluene-d8 (Surr)	1.0782 1.0099	1.0593	1.0546	1.0348	1.0351	Ave		1.0453				2.3		15.0			0.0000
4-Bromofluorobenzene	0.8445 0.8470	0.8541	0.8711	0.8793	0.8809	Ave		0.8628				1.9		15.0			0.0000

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-4971/2	d08623.d
Level 2	IC 460-4971/3	d08625.d
Level 3	ICIS 460-4971/4	d08626.d
Level 4	IC 460-4971/5	d08627.d
Level 5	IC 460-4971/6	d08628.d
Level 6	IC 460-4971/7	d08629.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
2-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
3-Chloro-1-propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dimethylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Methylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dichlorodifluoromethane	FB	Ave	4052 2689579	26358	90660	259398	1077525	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7567 4244605	33470	131789	358385	1608527	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7508 4063939	34431	129654	349279	1536236	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	6075 2793682	24200	96883	256690	1075602	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5349 2250966	21692	79620	216386	891696	1.00 500	5.00	20.0	50.0	200
Pentane	FB	LinF	716 411224	3077	9740	36849	174101	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Trichlorofluoromethane	FB	Ave	6928 3919188	42152	148052	401217	1651715	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	6627 3594533	26717	111427	315165	1439760	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	4905 2240197	19735	73467	191734	875274	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	5439 2780441	22876	91626	239564	1072051	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	17003 9538439	74592	290580	801996	3652550	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	12124 5984015	49806	196019	533728	2376804	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	4980 2459526	19650	76079	244445	1023699	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	3044 305263	14688	28152	67184	143489	4.00 400	20.0	40.0	100	200
Isopropyl alcohol	FB	Ave	342078 2894963	718308	1046269	1490866	1886620	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	5872 3373332	28718	111762	290933	1291911	1.00 500	5.00	20.0	50.0	200
Acetone	FB	QuaF	8692 298383	9612	9490	30895	125506	10.0 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	5826 3118286	25440	97454	255613	1169697	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	2455 1198557	10126	37716	99648	466874	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3457 1723412	16099	57512	158486	694434	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	16762 9255390	70694	275771	739888	3472484	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	12470 8112965	55347	183215	529770	2587664	20.0 10000	100	400	1000	4000
Acetonitrile	FB	LinF	4198 1751715	15537	44727	124229	605181	20.0 10000	100	400	1000	4000
Isopropyl ether	FB	LinF	23656 9078883	97739	342156	809519	3462819	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	8139 4120798	35357	142360	361155	1591684	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9099 5116976	41336	160318	419362	1919192	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	4732 523167	20351	40266	106087	237599	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	LinF	48240 9579343	141116	366832	879099	3629852	1.00 500	5.00	20.0	50.0	200
Allyl alcohol	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
cis-1,2-Dichloroethene	FB	Ave	6759 3421509	29594	111137	285400	1313949	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	7029 3067408	29114	111178	293115	1243845	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6326 4266661	32304	120985	376907	1642318	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	3794 1913582	17028	62931	164318	736753	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	10242 5186170	44046	169430	434392	1994195	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	7373 4815366	37526	149264	416065	1860862	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	1103 737669	5263	20981	56612	261277	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	LinF	3244 1532391	12131	41362	114886	541642	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	8071 4379301	35405	139655	374236	1699528	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6575 3969588	29591	119336	323321	1506200	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	6972 569542	10815	17513	45710	205497	10.0 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	2579 1231468	10566	36947	109072	494570	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	20517 12098796	94379	366671	973046	4530647	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	14953 9272011	67557	265346	725376	3449763	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6794 3771795	31693	117997	310591	1412769	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	17536 12228696	80657	328324	916348	4383231	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	6698 3526409	33969	124757	357642	1547717	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	6130 3247270	25470	97825	260406	1228197	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	65056 708119	145358	238137	294779	450594	500 3000	1000	1500	2000	2500
Dibromomethane	FB	Ave	3812 2134432	17416	65994	173781	796594	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5546 3145571	23702	91363	246553	1160910	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	6387 3998577	25263	104703	289620	1396303	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorobromomethane	FB	Ave	6631 4295338	30162	122349	326888	1574167	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1203 950401	6270	25548	72846	342151	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	56307 521564	115641	184676	254769	361056	1000 6000	2000	3000	4000	5000
n-Propyl acetate	FB	Ave	13208 8969043	58021	239365	663339	3131880	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	2679 2105862	12594	52411	153524	756190	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	7141 5179165	32996	138211	383680	1885928	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	25793 13442370	103222	390484	1050384	4975125	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	8907 6666153	43387	179638	500566	2371444	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	6479 3890056	29346	116029	320113	1504973	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	44258 3702444	68353	92215	264279	1293296	10.0 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	6277 4786754	29965	124873	349725	1724364	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3634 2391761	17746	70363	190180	882688	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	5420 3867715	24122	103609	287364	1414117	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	7718 4990942	34562	140142	384928	1819730	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	4868 3192591	22790	92291	250582	1178766	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	2345 1859401	10177	45526	134879	660458	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	26648 2395939	40934	59982	165974	819585	10.0 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	14715 9552455	66393	266348	733639	3545746	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	7193 4944590	32273	134946	377717	1823090	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	5922 3984037	27184	113568	314802	1499948	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	17052 12035111	77676	338748	944755	4628273	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
o-Xylene	CBZ	Ave	8642 6257514	39536	169124	481808	2314249	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3508 3021840	17922	79816	228536	1113185	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	11331 10190049	56392	253564	730854	3720531	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	LinF	2626 2513905	12079	59035	177799	897671	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	19466 13296787	99894	426932	1249356	6004741	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	4736 3913370	24929	105962	314747	1559167	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	6836 4447644	31390	128751	349387	1667017	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	23313 13408348	114054	487950	1406087	6748731	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	6509 4208274	30396	126474	345011	1533867	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	15339 10771763	71789	301559	842135	4051799	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	2050 1341764	10076	41033	111521	497538	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	16755 11830644	83918	363043	1070514	5264702	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1045 953119	5469	23573	68118	336945	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	14599 10463140	67858	286840	809973	3942123	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	12993 11259372	70546	304507	914539	4494425	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	4359 4822016	23809	109972	345097	1742092	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	16956 11812133	87906	382803	1096997	5298808	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	LinF	18424 +++++	105034	455134	1356641	6546420	1.00 +++++	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	QuaF	15968 11907518	90098	394319	1188020	5692966	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	12885 7946860	56961	230826	634692	2928903	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	13688 8013571	58696	234601	635319	2954177	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 4971

SDG No.:

Instrument ID: VOAMS4 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2009 20:18 Calibration End Date: 04/27/2009 22:44 Calibration ID: 1033

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Octanone	DCB	LinF	6042 6178291	30026	144208	430313	2155744	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	24020 17484770	121072	518932	1524322	7201175	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	24020 17484770	121072	518932	1524322	7201175	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	12701 8114595	59369	239931	653849	3021298	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1329 892747	5468	23957	67892	320567	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	3576 2336993	15896	61807	190041	882233	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	10032 6396380	45915	188117	524608	2374362	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	QuaF	2835 4132982	14791	72973	228843	1264635	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	21598 12335508	110330	484114	1358164	6162866	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	10441 6434521	48650	192430	534700	2400699	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	37322 43913	36833	36655	37326	39606	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	719605 923145	715717	741028	760016	842400	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	310959 413729	316124	333933	347421	378833	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08623.d
Report Date: 28-Apr-2009 13:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08623.d
Lab Smp Id: IC-VMCAL1_00004 Client Smp ID: DSTD001
Inj Date : 27-APR-2009 20:18
Operator : Inst ID: VOAMS4.i
Smp Info : VMCAL1_00004
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/8260_09.m
Meth Date : 28-Apr-2009 13:10 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 20:18 Cal File: d08623.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.375	1.340	(0.281)	4052	1.00000	0.86(a)
3 Chloromethane	50	1.451	1.451	(0.297)	7567	1.00000	1.1
4 Vinyl Chloride	62	1.540	1.534	(0.315)	7508	1.00000	1.1
6 Bromomethane	94	1.757	1.757	(0.359)	6075	1.00000	1.2
5 Chloroethane	64	1.863	1.869	(0.381)	5349	1.00000	1.2
7 Trichlorofluoromethane	101	1.904	1.963	(0.389)	6928	1.00000	0.93(a)
8 n-Pentane	72	1.869	1.881	(0.382)	716	1.00000	1.0(a)
10 Isoprene	67	2.093	2.092	(0.428)	6627	1.00000	1.1
11 Ethyl Ether	59	2.122	2.110	(0.434)	4905	1.00000	1.2
13 Acrolein	56	2.498	2.504	(0.511)	3044	4.00000	4.4
15 1,1-Dichloroethene	96	2.246	2.240	(0.459)	5439	1.00000	1.1
14 Freon TF	101	2.351	2.345	(0.481)	4980	1.00000	1.1
16 Acetone	58	2.728	2.722	(0.558)	8692	10.0000	17
17 Iodomethane	142	2.340	2.345	(0.478)	12124	1.00000	1.1
18 Carbon Disulfide	76	2.257	2.257	(0.461)	17003	1.00000	1.1
19 Isopropanol	45	2.657	2.657	(0.543)	342078	1000.00	950(a)

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08623.d
Report Date: 28-Apr-2009 13:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.098	3.092	(0.633)	4198	20.0000	29
	27 Methyl Acetate	74	2.828	2.822	(0.578)	2455	1.00000	1.2
	22 Methylene Chloride	84	2.675	2.669	(0.547)	5872	1.00000	1.0
	24 TBA	59	3.028	3.010	(0.619)	12470	20.0000	22
	25 trans-1,2-Dichloroethene	96	2.793	2.792	(0.571)	5826	1.00000	1.1
	26 Acrylonitrile	53	3.340	3.328	(0.683)	4732	2.00000	2.2
	28 MTBE	73	2.887	2.892	(0.590)	16762	1.00000	1.1
	29 Hexane	56	2.857	2.851	(0.584)	3457	1.00000	1.1
	30 1,1-Dichloroethane	63	3.281	3.275	(0.671)	9099	1.00000	1.1
	31 Vinyl Acetate	43	3.193	3.198	(0.653)	8139	1.00000	1.1(M)
	32 DIPE	45	3.204	3.198	(0.655)	23656	1.00000	1.6
	35 t-Butyl-ethyl-ether	59	3.569	3.492	(0.729)	48240	1.00000	3.0(H)
	37 2,2-Dichloropropane	77	3.822	3.816	(0.781)	7029	1.00000	1.2
	36 cis-1,2-Dichloroethene	96	3.722	3.722	(0.761)	6759	1.00000	1.1
	38 2-Butanone	72	4.251	4.251	(0.869)	6972	10.0000	8.2(aH)
	39 Ethyl Acetate	70	4.098	4.098	(0.838)	1103	2.00000	2.0
	40 Bromochloromethane	128	3.893	3.892	(0.796)	3794	1.00000	1.1
	41 Tetrahydrofuran	42	4.110	4.098	(0.840)	3244	1.00000	1.3
	42 Chloroform	83	3.969	3.969	(0.811)	10242	1.00000	1.1
	43 1,1,1-Trichloroethane	97	4.145	4.139	(0.847)	8071	1.00000	1.1
	44 Cyclohexane	56	3.875	3.881	(0.792)	6326	1.00000	0.93(a)
	45 Carbon Tetrachloride	117	4.075	4.075	(0.833)	7373	1.00000	0.94(a)
	46 1,1-Dichloropropene	75	4.251	4.245	(0.869)	6575	1.00000	1.0
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.616	4.616	(0.943)	37322	50.0000	51
	48 Benzene	78	4.487	4.481	(0.545)	20517	1.00000	1.1
	49 1,2-Dichloroethane	62	4.681	4.681	(0.957)	6794	1.00000	1.1
	51 n-Heptane	57	4.457	4.463	(0.911)	2579	1.00000	1.2(a)
	50 t-Amyl-methyl-ether	73	4.616	4.616	(0.943)	14953	1.00000	1.0
	61 Isopropyl Acetate	43	4.987	4.981	(1.019)	17536	2.00000	1.9(a)
*	52 Fluorobenzene	96	4.892	4.892	(1.000)	909761	50.0000	
	54 Trichloroethene	95	5.057	5.057	(1.034)	6130	1.00000	1.1
	53 n-Butanol	56	5.492	5.492	(1.123)	65056	500.000	410(a)
	56 Methyl cyclohexane	83	5.034	5.039	(1.029)	6698	1.00000	1.0
	55 Ethyl Acrylate	55	5.692	5.692	(1.163)	6387	1.00000	1.1
	57 1,2-Dichloropropane	63	5.610	5.610	(1.147)	5546	1.00000	1.1
	58 Dibromomethane	93	5.498	5.498	(1.124)	3812	1.00000	1.1
	60 1,4-Dioxane	88	5.934	5.928	(1.213)	56307	1000.00	900(a)
	59 Methyl Methacrylate	100	5.916	5.922	(1.209)	1203	1.00000	0.87(a)
	75 Propyl Acetate	43	6.098	6.092	(1.246)	13208	2.00000	2.0
	68 Bromodichloromethane	83	5.698	5.692	(1.165)	6631	1.00000	1.0
	62 2-Chloroethyl Vinyl Ether	63	6.398	6.392	(1.308)	2679	1.00000	0.90(a)
	63 Epichlorohydrin	57	6.751	6.745	(0.819)	8907	20.0000	20
	67 cis-1,3-Dichloropropene	75	6.428	6.427	(0.780)	7141	1.00000	1.0
	70 4-Methyl-2-Pentanone	43	7.186	7.186	(0.872)	44258	10.0000	9.2(a)
$	65 Toluene-d8 (SUR)	98	6.651	6.651	(0.807)	719605	50.0000	52
	66 Toluene	91	6.710	6.710	(0.814)	25793	1.00000	1.2
	64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.874)	6277	1.00000	0.98(a)

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08623.d
Report Date: 28-Apr-2009 13:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	69 1,1,2-Trichloroethane	83	7.369	7.363	(0.894)	3634	1.00000	1.0
	71 Tetrachloroethene	166	7.133	7.127	(0.866)	6479	1.00000	1.1
	72 1,3-Dichloropropane	76	7.628	7.627	(0.926)	7718	1.00000	1.1
	73 2-Hexanone	43	8.028	8.027	(0.974)	26648	10.0000	8.8(a)
	74 Dibromochloromethane	129	7.522	7.527	(0.913)	5420	1.00000	1.0
	76 Butyl Acetate	73	7.969	7.969	(0.967)	2345	2.00000	2.0
	77 1,2-Dibromoethane	107	7.739	7.739	(0.939)	4868	1.00000	1.0
*	78 Chlorobenzene-d5	117	8.239	8.239	(1.000)	667431	50.0000	
	79 Chlorobenzene	112	8.251	8.251	(1.001)	14715	1.00000	1.1
	80 1,1,1,2-Tetrachloroethane	131	8.322	8.321	(1.010)	5922	1.00000	1.0
	81 Ethylbenzene	106	8.304	8.298	(1.008)	7193	1.00000	1.0
	82 m+p-Xylene	106	8.439	8.439	(1.024)	17052	2.00000	2.0
	84 o-Xylene	106	8.804	8.804	(1.069)	8642	1.00000	1.00
	85 Styrene	104	8.851	8.851	(1.074)	11331	1.00000	0.87(a)
	83 Butyl Acrylate	73	9.010	9.004	(1.094)	2626	1.00000	0.72(a)
	86 Bromoform	173	8.851	8.851	(1.074)	3508	1.00000	0.88(a)
	88 Isopropylbenzene	105	9.075	9.074	(1.101)	19466	1.00000	0.92(aM)
$	89 Bromofluorobenzene (SUR)	174	9.292	9.292	(0.914)	310959	50.0000	49
	90 Camphene (total)	93	9.157	9.157	(1.111)	4736	1.00000	0.87(a)
	91 Bromobenzene	156	9.363	9.363	(0.921)	6836	1.00000	1.0
	92 1,1,2,2-Tetrachloroethane	83	9.480	9.480	(0.933)	6509	1.00000	1.0
	93 1,2,3-Trichloropropane	110	9.574	9.568	(0.942)	2050	1.00000	1.0
	94 trans-1,4-Dichloro-2-butene	53	9.616	9.616	(0.946)	1045	1.00000	0.84(a)
	95 n-Propylbenzene	91	9.410	9.410	(0.926)	23313	1.00000	0.97(a)
	96 2-Chlorotoluene	91	9.522	9.521	(0.937)	15339	1.00000	0.98(a)
	97 1,3,5-Trimethylbenzene	105	9.574	9.574	(0.942)	16755	1.00000	0.90(a)
	98 4-Chlorotoluene	91	9.651	9.651	(0.950)	14599	1.00000	0.98(a)
	99 Butyl Methacrylate	87	9.833	9.833	(0.968)	4359	1.00000	0.60(a)
	100 tert-Butylbenzene	119	9.816	9.815	(0.966)	12993	1.00000	0.82(a)
	101 1,2,4-Trimethylbenzene	105	9.874	9.874	(0.972)	16956	1.00000	0.89(a)
	102 2-Octanone	43	10.280	10.274	(1.012)	6042	1.00000	0.65(a)
	103 sec-Butylbenzene	105	9.951	9.957	(0.979)	18424	1.00000	0.66(a)
	105 1,3-Dichlorobenzene	146	10.104	10.098	(0.994)	12885	1.00000	1.1
	107 p-Isopropyltoluene	119	10.069	10.068	(0.991)	15968	1.00000	0.44(a)
*	108 1,4-Dichlorobenzene-d4	152	10.163	10.157	(1.000)	368222	50.0000	
	109 1,4-Dichlorobenzene	146	10.169	10.168	(1.001)	13688	1.00000	1.1
	110 Benzyl Chloride	91	10.380	10.380	(1.021)	24020	1.00000	0.91(a)
	106 n-Butylbenzene	91	10.380	10.380	(1.021)	24020	1.00000	0.91(a)
	111 1,2-Dichlorobenzene	146	10.486	10.480	(1.032)	12701	1.00000	1.0
	112 1,2-Dibromo-3-chloropropane	75	11.074	11.074	(1.090)	1329	1.00000	1.0
	114 1,2,4-Trichlorobenzene	180	11.551	11.551	(1.137)	10032	1.00000	1.0
	115 Hexachlorobutadiene	225	11.539	11.533	(1.135)	3576	1.00000	1.0
	116 Naphthalene	128	11.786	11.786	(1.160)	21598	1.00000	0.94(a)
	117 1,2,3-Trichlorobenzene	180	11.910	11.915	(1.172)	10441	1.00000	1.0
M	120 1,2-Dichloroethene (Total)	100				12585	2.00000	2.2
M	121 Xylene (Total)	100				25694	3.00000	3.0

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08623.d
Report Date: 28-Apr-2009 13:10

QC Flag Legend

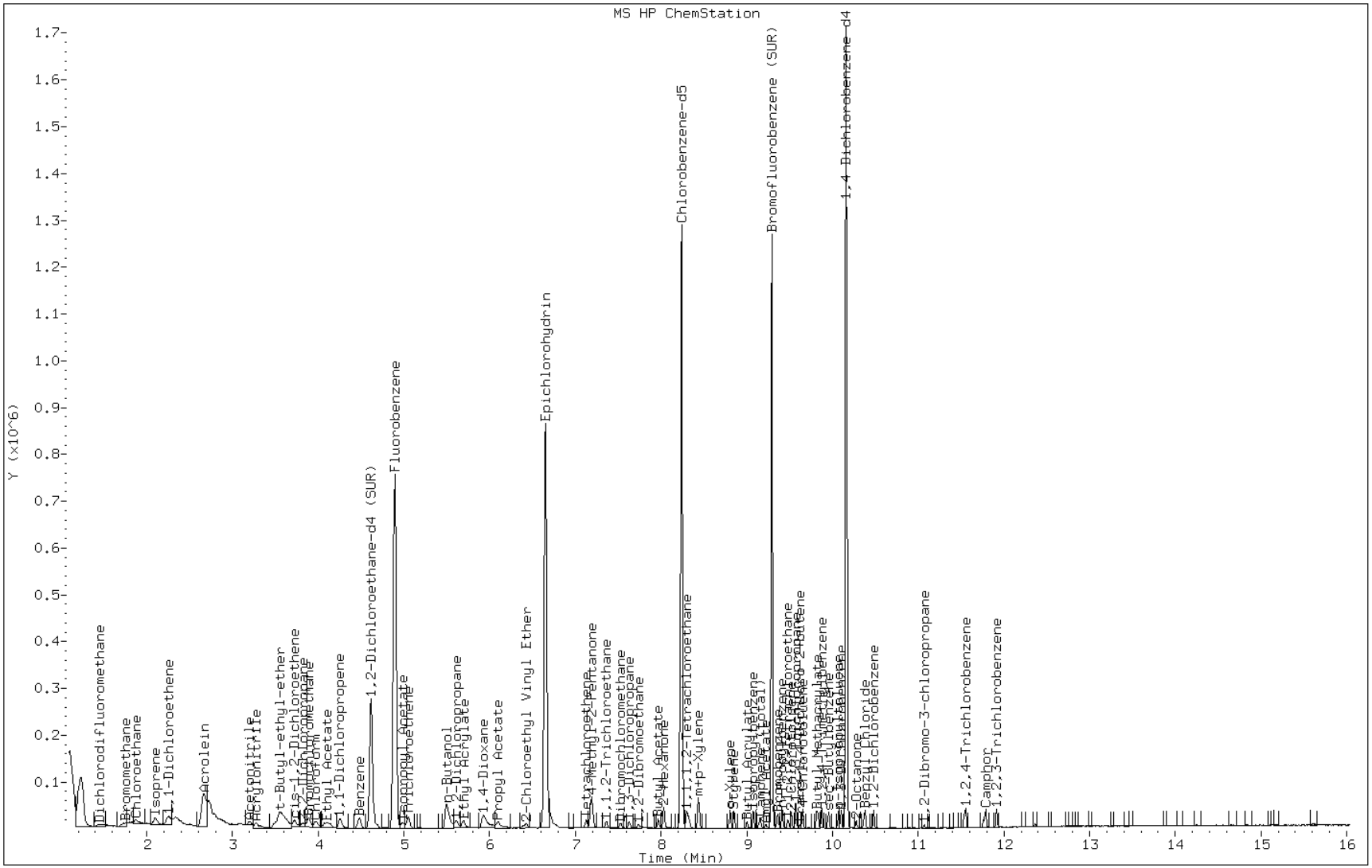
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d08623.d

Date: 27-APR-2009 20:18

Client ID: DSTD001 Instrument: VOAMS4.i

Sample Info: VMCAL1_00004 Operator:



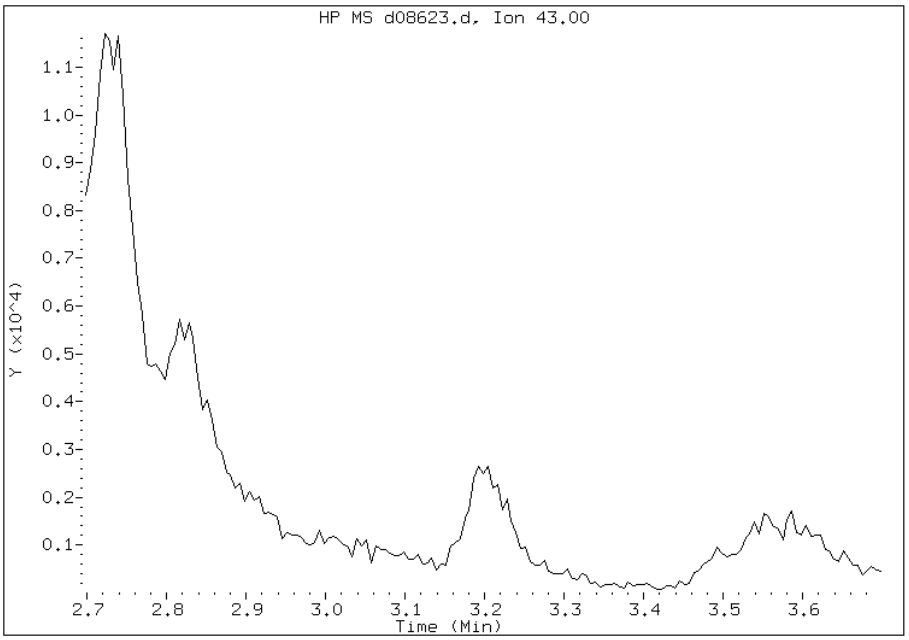
Manual Integration Report

Data File: d08623.d
Inj. Date and Time: 27-APR-2009 20:18
Instrument ID: VOAMS4.i
Client ID: DSTD001
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 04/28/2009

Processing Integration Results

Not Detected

Expected RT: 3.20



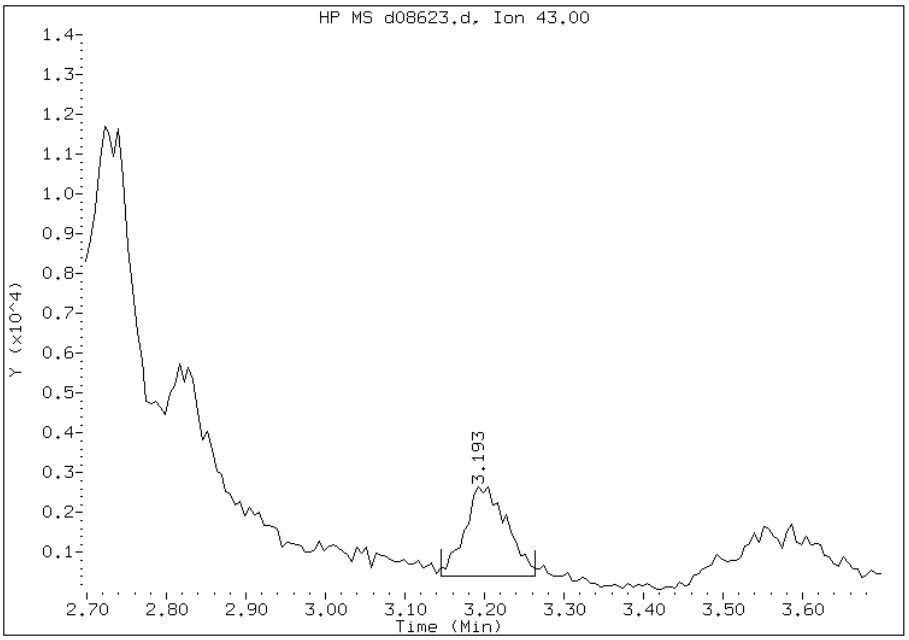
Manual Integration Results

RT: 3.19

Response: 8139

Amount: 1

Conc: 1



Manually Integrated By: vibha
Manual Integration Reason:

Manual Integration Report

Data File: d08623.d
Inj. Date and Time: 27-APR-2009 20:18
Instrument ID: VOAMS4.i
Client ID: DSTD001
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 04/28/2009

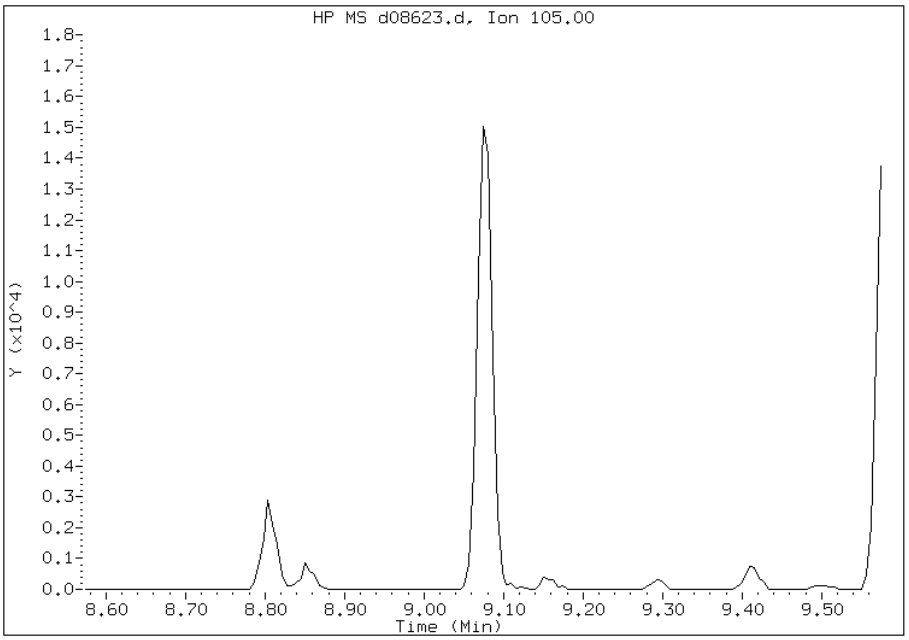
Processing Integration Results

RT: 9.87

Response: 16956

Amount: 1

Conc: 1



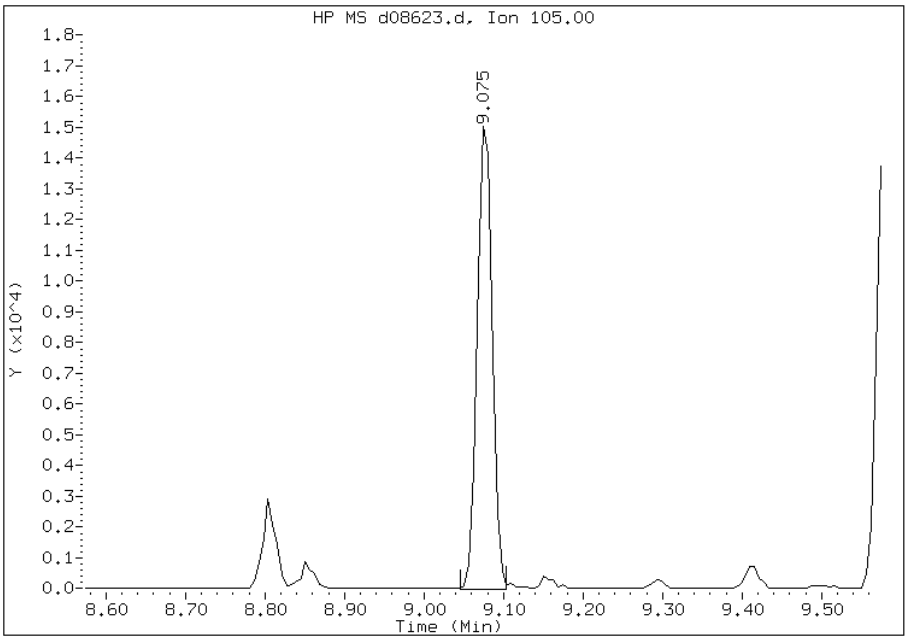
Manual Integration Results

RT: 9.07

Response: 19466

Amount: 1

Conc: 1



Manually Integrated By: vibha
Manual Integration Reason:

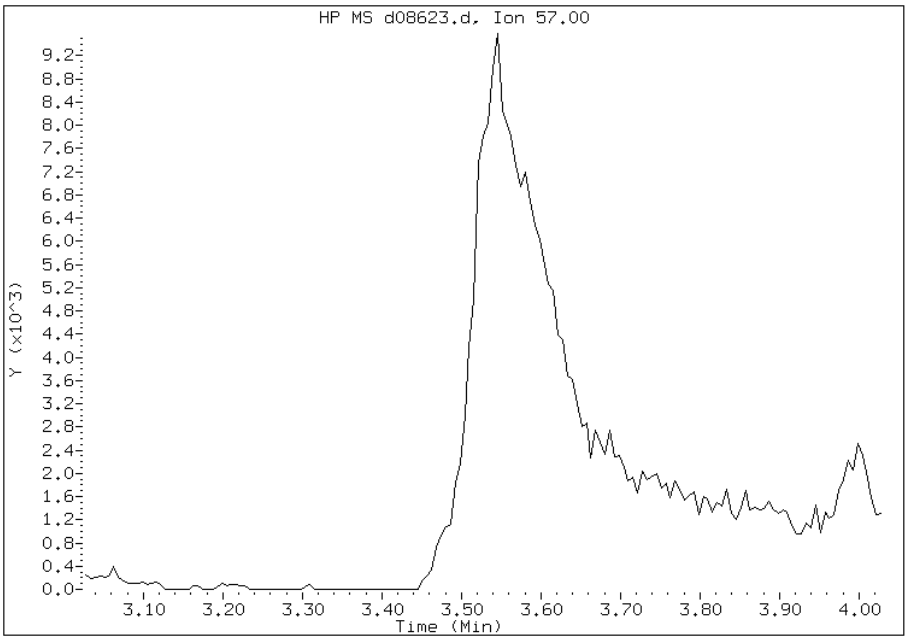
Manual Integration Report

Data File: d08623.d
Inj. Date and Time: 27-APR-2009 20:18
Instrument ID: VOAMS4.i
Client ID: DSTD001
Compound: 33 Allyl Alcohol
CAS #: 107-18-6
Report Date: 04/28/2009

Processing Integration Results

Not Detected

Expected RT: 3.53



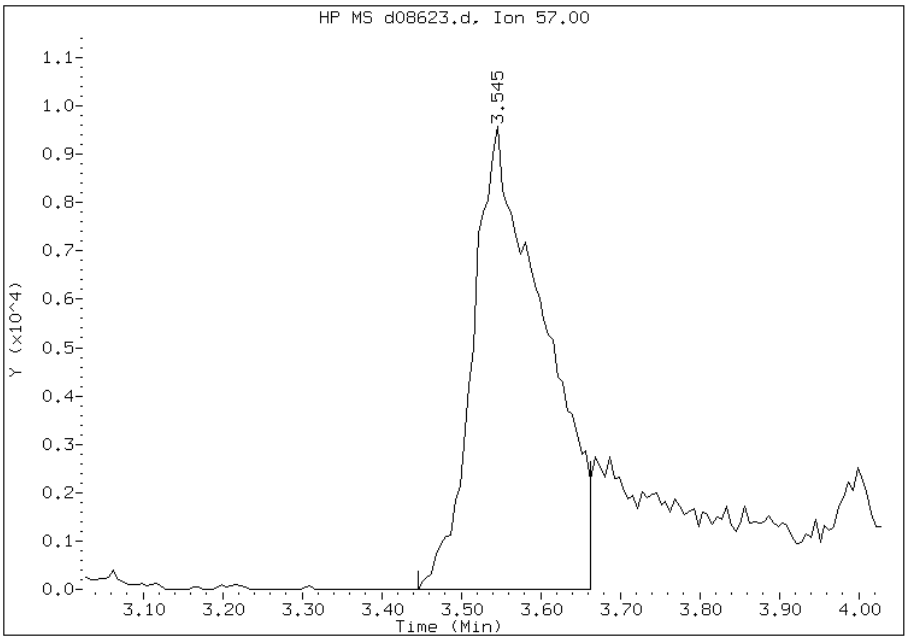
Manual Integration Results

RT: 3.55

Response: 60084

Amount: 0

Conc: 0



Manually Integrated By: vibha
Manual Integration Reason:

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08625.d
Report Date: 28-Apr-2009 13:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08625.d
Lab Smp Id: IC-VMCAL2_00004 Client Smp ID: DSTD005
Inj Date : 27-APR-2009 21:07
Operator : Inst ID: VOAMS4.i
Smp Info : VMCAL2_00004
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/8260_09.m
Meth Date : 28-Apr-2009 13:10 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 21:07 Cal File: d08625.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.346	1.340	(0.275)	26358	5.00000	5.6
3 Chloromethane	50	1.446	1.451	(0.295)	33470	5.00000	4.8
4 Vinyl Chloride	62	1.534	1.534	(0.314)	34431	5.00000	5.0
6 Bromomethane	94	1.763	1.757	(0.360)	24200	5.00000	4.8
5 Chloroethane	64	1.863	1.869	(0.381)	21692	5.00000	5.1
7 Trichlorofluoromethane	101	1.881	1.963	(0.384)	42152	5.00000	5.7
8 n-Pentane	72	1.881	1.881	(0.384)	3077	5.00000	4.4(a)
10 Isoprene	67	2.093	2.092	(0.428)	26717	5.00000	4.4
11 Ethyl Ether	59	2.110	2.110	(0.431)	19735	5.00000	4.9
13 Acrolein	56	2.493	2.504	(0.509)	14688	20.0000	21
15 1,1-Dichloroethene	96	2.234	2.240	(0.457)	22876	5.00000	4.8
14 Freon TF	101	2.340	2.345	(0.478)	19650	5.00000	4.5
16 Acetone	58	2.728	2.722	(0.558)	9612	15.0000	19
17 Iodomethane	142	2.340	2.345	(0.478)	49806	5.00000	4.7
18 Carbon Disulfide	76	2.245	2.257	(0.459)	74592	5.00000	4.7
19 Isopropanol	45	2.657	2.657	(0.543)	718308	2000.00	2000

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08625.d
Report Date: 28-Apr-2009 13:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.081	3.092	(0.630)	15537	100.000	110
	27 Methyl Acetate	74	2.816	2.822	(0.576)	10126	5.00000	4.9
	22 Methylene Chloride	84	2.675	2.669	(0.547)	28718	5.00000	5.0
	24 TBA	59	3.040	3.010	(0.621)	55347	100.000	97
	25 trans-1,2-Dichloroethene	96	2.792	2.792	(0.571)	25440	5.00000	4.9
	26 Acrylonitrile	53	3.328	3.328	(0.680)	20351	10.0000	9.5
	28 MTBE	73	2.898	2.892	(0.592)	70694	5.00000	4.7
	29 Hexane	56	2.845	2.851	(0.582)	16099	5.00000	5.2
	30 1,1-Dichloroethane	63	3.275	3.275	(0.669)	41336	5.00000	4.9
	31 Vinyl Acetate	43	3.198	3.198	(0.654)	35357	5.00000	4.9(H)
	32 DIPE	45	3.198	3.198	(0.654)	97739	5.00000	6.5
	35 t-Butyl-ethyl-ether	59	3.487	3.492	(0.713)	141116	5.00000	8.8
	37 2,2-Dichloropropane	77	3.816	3.816	(0.780)	29114	5.00000	5.0
	36 cis-1,2-Dichloroethene	96	3.722	3.722	(0.761)	29594	5.00000	5.0
	38 2-Butanone	72	4.257	4.251	(0.870)	10815	15.0000	13(H)
	39 Ethyl Acetate	70	4.087	4.098	(0.835)	5263	10.0000	9.4
	40 Bromochloromethane	128	3.892	3.892	(0.796)	17028	5.00000	5.1
	41 Tetrahydrofuran	42	4.098	4.098	(0.838)	12131	5.00000	4.8
	42 Chloroform	83	3.963	3.969	(0.810)	44046	5.00000	4.9
	43 1,1,1-Trichloroethane	97	4.139	4.139	(0.846)	35405	5.00000	4.8
	44 Cyclohexane	56	3.887	3.881	(0.794)	32304	5.00000	4.8
	45 Carbon Tetrachloride	117	4.069	4.075	(0.832)	37526	5.00000	4.8
	46 1,1-Dichloropropene	75	4.245	4.245	(0.868)	29591	5.00000	4.6
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.616	(0.942)	36833	50.0000	50
	48 Benzene	78	4.481	4.481	(0.544)	94379	5.00000	5.1
	49 1,2-Dichloroethane	62	4.681	4.681	(0.957)	31693	5.00000	5.0
	51 n-Heptane	57	4.469	4.463	(0.913)	10566	5.00000	4.9(a)
	50 t-Amyl-methyl-ether	73	4.616	4.616	(0.943)	67557	5.00000	4.6
	61 Isopropyl Acetate	43	4.981	4.981	(1.018)	80657	10.0000	8.9
*	52 Fluorobenzene	96	4.892	4.892	(1.000)	907188	50.0000	
	54 Trichloroethene	95	5.057	5.057	(1.034)	25470	5.00000	4.7
	53 n-Butanol	56	5.492	5.492	(1.123)	145358	1000.00	930
	56 Methyl cyclohexane	83	5.034	5.039	(1.029)	33969	5.00000	5.1
	55 Ethyl Acrylate	55	5.686	5.692	(1.162)	25263	5.00000	4.3
	57 1,2-Dichloropropane	63	5.610	5.610	(1.147)	23702	5.00000	4.7
	58 Dibromomethane	93	5.492	5.498	(1.123)	17416	5.00000	4.9
	60 1,4-Dioxane	88	5.922	5.928	(1.210)	115641	2000.00	1800
	59 Methyl Methacrylate	100	5.916	5.922	(1.209)	6270	5.00000	4.5
	75 Propyl Acetate	43	6.092	6.092	(1.245)	58021	10.0000	8.8
	68 Bromodichloromethane	83	5.692	5.692	(1.163)	30162	5.00000	4.6
	62 2-Chloroethyl Vinyl Ether	63	6.392	6.392	(1.307)	12594	5.00000	4.2
	63 Epichlorohydrin	57	6.745	6.745	(0.819)	43387	100.000	94
	67 cis-1,3-Dichloropropene	75	6.428	6.427	(0.780)	32996	5.00000	4.6
	70 4-Methyl-2-Pentanone	43	7.186	7.186	(0.872)	68353	15.0000	14
$	65 Toluene-d8 (SUR)	98	6.645	6.651	(0.807)	715717	50.0000	51
	66 Toluene	91	6.710	6.710	(0.814)	103222	5.00000	4.9
	64 trans-1,3-Dichloropropene	75	7.198	7.204	(0.874)	29965	5.00000	4.6

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08625.d
Report Date: 28-Apr-2009 13:10

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	69	1,1,2-Trichloroethane	83	7.363	7.363	(0.894)	17746	5.00000	5.0
	71	Tetrachloroethene	166	7.128	7.127	(0.865)	29346	5.00000	4.9
	72	1,3-Dichloropropane	76	7.627	7.627	(0.926)	34562	5.00000	4.8
	73	2-Hexanone	43	8.027	8.027	(0.974)	40934	15.0000	13
	74	Dibromochloromethane	129	7.527	7.527	(0.914)	24122	5.00000	4.5
	76	Butyl Acetate	73	7.969	7.969	(0.967)	10177	10.0000	8.4
	77	1,2-Dibromoethane	107	7.739	7.739	(0.939)	22790	5.00000	4.8
*	78	Chlorobenzene-d5	117	8.239	8.239	(1.000)	675642	50.0000	
	79	Chlorobenzene	112	8.251	8.251	(1.001)	66393	5.00000	4.8
	80	1,1,1,2-Tetrachloroethane	131	8.322	8.321	(1.010)	27184	5.00000	4.7
	81	Ethylbenzene	106	8.298	8.298	(1.007)	32273	5.00000	4.6
	82	m+p-Xylene	106	8.439	8.439	(1.024)	77676	10.0000	9.0
	84	o-Xylene	106	8.804	8.804	(1.069)	39536	5.00000	4.5
	85	Styrene	104	8.851	8.851	(1.074)	56392	5.00000	4.3
	83	Butyl Acrylate	73	9.004	9.004	(1.093)	12079	5.00000	3.2
	86	Bromoform	173	8.851	8.851	(1.074)	17922	5.00000	4.4
	88	Isopropylbenzene	105	9.074	9.074	(1.101)	99894	5.00000	4.7(M)
$	89	Bromofluorobenzene (SUR)	174	9.292	9.292	(0.915)	316124	50.0000	49
	90	Camphene (total)	93	9.151	9.157	(1.111)	24929	5.00000	4.5
	91	Bromobenzene	156	9.363	9.363	(0.922)	31390	5.00000	4.7
	92	1,1,2,2-Tetrachloroethane	83	9.480	9.480	(0.933)	30396	5.00000	4.8
	93	1,2,3-Trichloropropane	110	9.569	9.568	(0.942)	10076	5.00000	4.9
	94	trans-1,4-Dichloro-2-butene	53	9.616	9.616	(0.947)	5469	5.00000	4.4
	95	n-Propylbenzene	91	9.410	9.410	(0.926)	114054	5.00000	4.7
	96	2-Chlorotoluene	91	9.521	9.521	(0.937)	71789	5.00000	4.6
	97	1,3,5-Trimethylbenzene	105	9.574	9.574	(0.943)	83918	5.00000	4.5
	98	4-Chlorotoluene	91	9.651	9.651	(0.950)	67858	5.00000	4.5
	99	Butyl Methacrylate	87	9.833	9.833	(0.968)	23809	5.00000	3.2
	100	tert-Butylbenzene	119	9.816	9.815	(0.966)	70546	5.00000	4.4
	101	1,2,4-Trimethylbenzene	105	9.874	9.874	(0.972)	87906	5.00000	4.6
	102	2-Octanone	43	10.274	10.274	(1.012)	30026	5.00000	3.2
	103	sec-Butylbenzene	105	9.957	9.957	(0.980)	105034	5.00000	3.8
	105	1,3-Dichlorobenzene	146	10.098	10.098	(0.994)	56961	5.00000	4.7
	107	p-Isopropyltoluene	119	10.069	10.068	(0.991)	90098	5.00000	2.5
*	108	1,4-Dichlorobenzene-d4	152	10.157	10.157	(1.000)	370134	50.0000	
	109	1,4-Dichlorobenzene	146	10.168	10.168	(1.001)	58696	5.00000	4.8
	110	Benzyl Chloride	91	10.380	10.380	(1.022)	121072	5.00000	4.6
	106	n-Butylbenzene	91	10.380	10.380	(1.022)	121072	5.00000	4.6
	111	1,2-Dichlorobenzene	146	10.480	10.480	(1.032)	59369	5.00000	4.8
	112	1,2-Dibromo-3-chloropropane	75	11.074	11.074	(1.090)	5468	5.00000	4.3
	113	Camphor	95	11.763	11.762	(1.158)	14791	25.0000	12
	114	1,2,4-Trichlorobenzene	180	11.551	11.551	(1.137)	45915	5.00000	4.7
	115	Hexachlorobutadiene	225	11.539	11.533	(1.136)	15896	5.00000	4.6
	116	Naphthalene	128	11.786	11.786	(1.160)	110330	5.00000	4.8
	117	1,2,3-Trichlorobenzene	180	11.915	11.915	(1.173)	48650	5.00000	4.9
M	120	1,2-Dichloroethene (Total)	100				55034	10.0000	9.9
M	121	Xylene (Total)	100				117212	15.0000	14

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08625.d
Report Date: 28-Apr-2009 13:10

QC Flag Legend

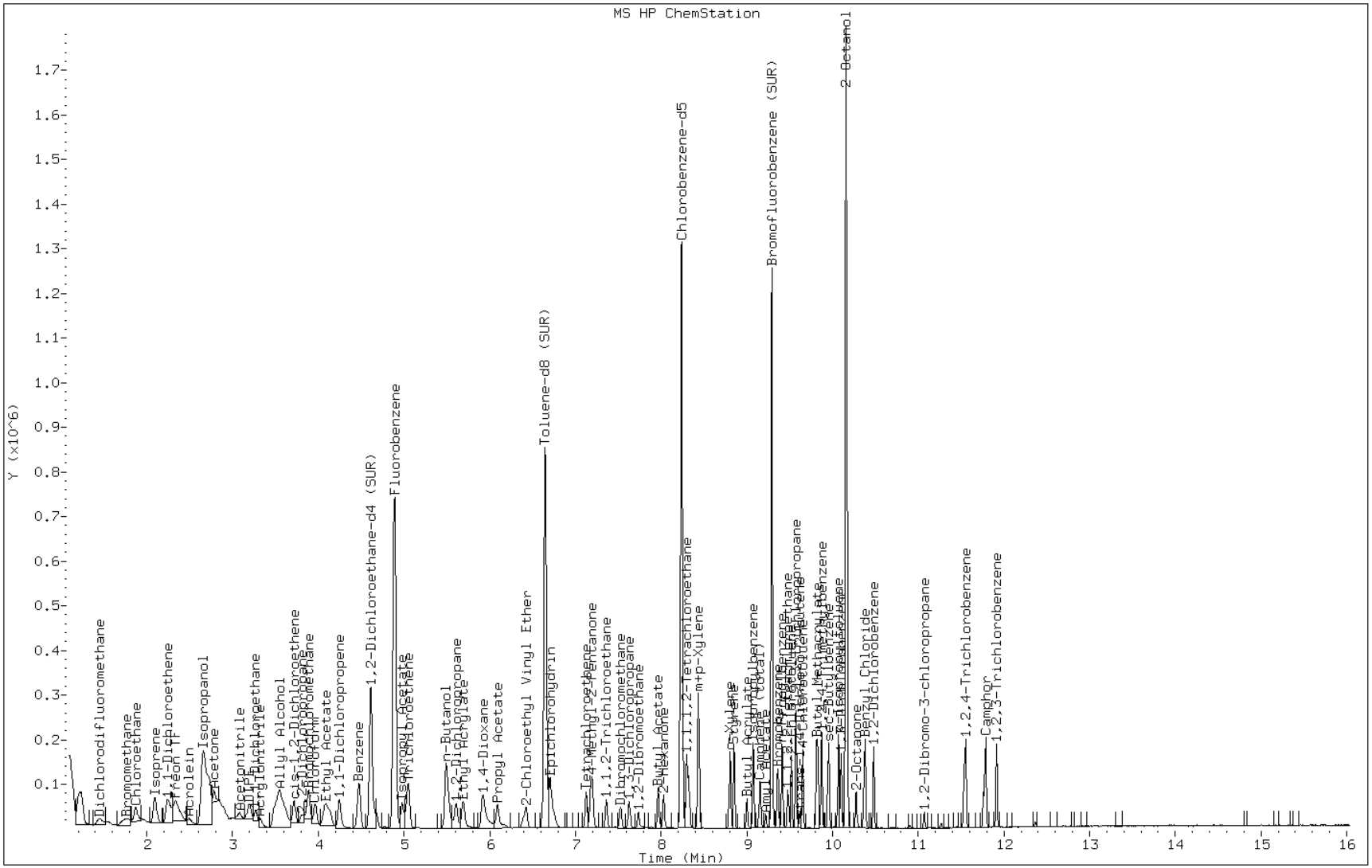
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d08625.d

Date: 27-APR-2009 21:07

Client ID: DSTD005 Instrument: VOAMS4.i

Sample Info: VMCAL2_00004 Operator:



Manual Integration Report

Data File: d08625.d
Inj. Date and Time: 27-APR-2009 21:07
Instrument ID: VOAMS4.i
Client ID: DSTD005
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 04/28/2009

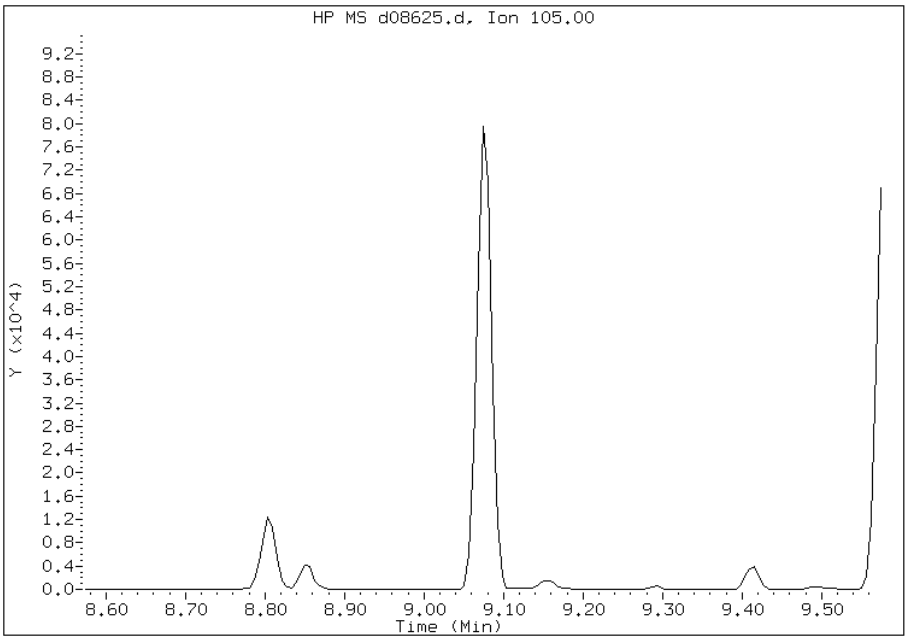
Processing Integration Results

RT: 9.87

Response: 87906

Amount: 4

Conc: 4



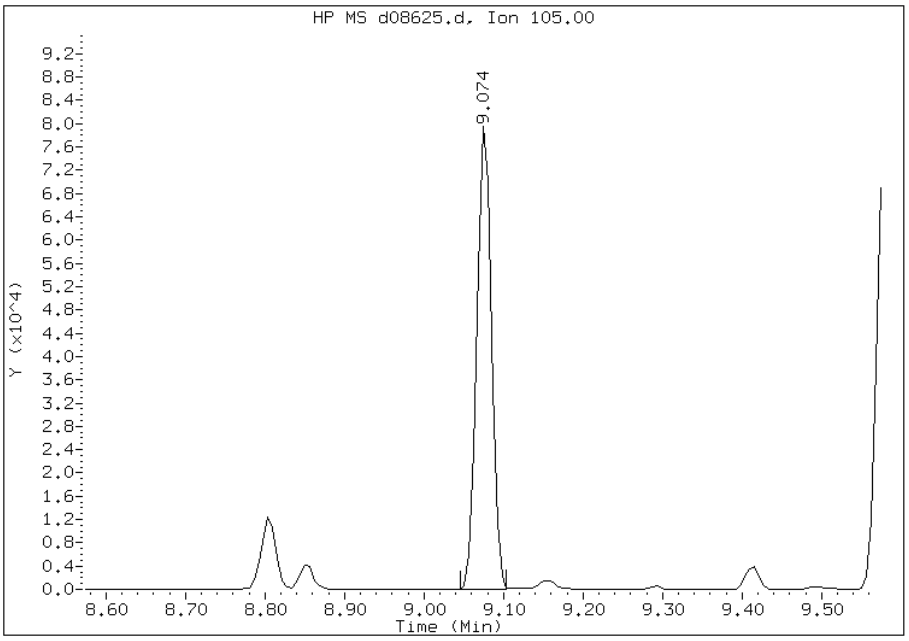
Manual Integration Results

RT: 9.07

Response: 99894

Amount: 5

Conc: 5



Manually Integrated By: vibha
Manual Integration Reason:

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08626.d
Report Date: 28-Apr-2009 13:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08626.d
Lab Smp Id: ICIS-VMCAL3_00003 Client Smp ID: DSTD020
Inj Date : 27-APR-2009 21:31
Operator : Inst ID: VOAMS4.i
Smp Info : VMCAL3_00003
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/8260_09.m
Meth Date : 28-Apr-2009 13:10 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 21:31 Cal File: d08626.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.340	1.340	(0.274)	90660	20.0000	19
3 Chloromethane	50	1.451	1.451	(0.297)	131789	20.0000	18
4 Vinyl Chloride	62	1.534	1.534	(0.313)	129654	20.0000	19
6 Bromomethane	94	1.757	1.757	(0.359)	96883	20.0000	19
5 Chloroethane	64	1.869	1.869	(0.382)	79620	20.0000	18
7 Trichlorofluoromethane	101	1.963	1.963	(0.401)	148052	20.0000	20
8 n-Pentane	72	1.881	1.881	(0.384)	9740	20.0000	14
10 Isoprene	67	2.092	2.092	(0.428)	111427	20.0000	18
11 Ethyl Ether	59	2.110	2.110	(0.431)	73467	20.0000	18
13 Acrolein	56	2.504	2.504	(0.512)	28152	40.0000	40
15 1,1-Dichloroethene	96	2.240	2.240	(0.458)	91626	20.0000	19
14 Freon TF	101	2.345	2.345	(0.479)	76079	20.0000	17(H)
16 Acetone	58	2.722	2.722	(0.556)	9490	20.0000	18
17 Iodomethane	142	2.345	2.345	(0.479)	196019	20.0000	18
18 Carbon Disulfide	76	2.257	2.257	(0.461)	290580	20.0000	18
19 Isopropanol	45	2.657	2.657	(0.543)	1046269	3000.00	2900

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08626.d
Report Date: 28-Apr-2009 13:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.092	3.092	(0.632)	44727	400.000	310
	27 Methyl Acetate	74	2.822	2.822	(0.577)	37716	20.0000	18
	22 Methylene Chloride	84	2.669	2.669	(0.546)	111762	20.0000	19
	24 TBA	59	3.010	3.010	(0.615)	183215	400.000	320
	25 trans-1,2-Dichloroethene	96	2.792	2.792	(0.571)	97454	20.0000	18
	26 Acrylonitrile	53	3.328	3.328	(0.680)	40266	20.0000	19
	28 MTBE	73	2.892	2.892	(0.591)	275771	20.0000	18
	29 Hexane	56	2.851	2.851	(0.583)	57512	20.0000	18
	30 1,1-Dichloroethane	63	3.275	3.275	(0.669)	160318	20.0000	19
	31 Vinyl Acetate	43	3.198	3.198	(0.654)	142360	20.0000	19(H)
	32 DIPE	45	3.198	3.198	(0.654)	342156	20.0000	22
	35 t-Butyl-ethyl-ether	59	3.492	3.492	(0.714)	366832	20.0000	23
	37 2,2-Dichloropropane	77	3.816	3.816	(0.780)	111178	20.0000	19
	36 cis-1,2-Dichloroethene	96	3.722	3.722	(0.761)	111137	20.0000	19
	38 2-Butanone	72	4.251	4.251	(0.869)	17513	20.0000	20(H)
	39 Ethyl Acetate	70	4.098	4.098	(0.838)	20981	40.0000	37
	40 Bromochloromethane	128	3.892	3.892	(0.796)	62931	20.0000	19
	41 Tetrahydrofuran	42	4.098	4.098	(0.838)	41362	20.0000	16
	42 Chloroform	83	3.969	3.969	(0.811)	169430	20.0000	19
	43 1,1,1-Trichloroethane	97	4.139	4.139	(0.846)	139655	20.0000	19
	44 Cyclohexane	56	3.881	3.881	(0.793)	120985	20.0000	18
	45 Carbon Tetrachloride	117	4.075	4.075	(0.833)	149264	20.0000	19
	46 1,1-Dichloropropene	75	4.245	4.245	(0.868)	119336	20.0000	18
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.616	4.616	(0.943)	36655	50.0000	50
	48 Benzene	78	4.481	4.481	(0.544)	366671	20.0000	19
	49 1,2-Dichloroethane	62	4.681	4.681	(0.957)	117997	20.0000	18
	51 n-Heptane	57	4.463	4.463	(0.912)	36947	20.0000	17
	50 t-Amyl-methyl-ether	73	4.616	4.616	(0.943)	265346	20.0000	18
	61 Isopropyl Acetate	43	4.981	4.981	(1.018)	328324	40.0000	36
*	52 Fluorobenzene	96	4.892	4.892	(1.000)	914584	50.0000	
	54 Trichloroethene	95	5.057	5.057	(1.034)	97825	20.0000	18
	53 n-Butanol	56	5.492	5.492	(1.123)	238137	1500.00	1500
	56 Methyl cyclohexane	83	5.039	5.039	(1.030)	124757	20.0000	19
	55 Ethyl Acrylate	55	5.692	5.692	(1.163)	104703	20.0000	18
	57 1,2-Dichloropropane	63	5.610	5.610	(1.147)	91363	20.0000	18
	58 Dibromomethane	93	5.498	5.498	(1.124)	65994	20.0000	18
	60 1,4-Dioxane	88	5.928	5.928	(1.212)	184676	3000.00	2900
	59 Methyl Methacrylate	100	5.922	5.922	(1.210)	25548	20.0000	18
	75 Propyl Acetate	43	6.092	6.092	(1.245)	239365	40.0000	36
	68 Bromodichloromethane	83	5.692	5.692	(1.163)	122349	20.0000	18
	62 2-Chloroethyl Vinyl Ether	63	6.392	6.392	(1.307)	52411	20.0000	18
	63 Epichlorohydrin	57	6.745	6.745	(0.819)	179638	400.000	380
	67 cis-1,3-Dichloropropene	75	6.427	6.427	(0.780)	138211	20.0000	18
	70 4-Methyl-2-Pentanone	43	7.186	7.186	(0.872)	92215	20.0000	18
$	65 Toluene-d8 (SUR)	98	6.651	6.651	(0.807)	741028	50.0000	50
	66 Toluene	91	6.710	6.710	(0.814)	390484	20.0000	18
	64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.874)	124873	20.0000	18

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08626.d
Report Date: 28-Apr-2009 13:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	69 1,1,2-Trichloroethane	83	7.363	7.363	(0.894)	70363	20.0000	19
	71 Tetrachloroethene	166	7.127	7.127	(0.865)	116029	20.0000	19
	72 1,3-Dichloropropane	76	7.627	7.627	(0.926)	140142	20.0000	18
	73 2-Hexanone	43	8.027	8.027	(0.974)	59982	20.0000	19
	74 Dibromochloromethane	129	7.527	7.527	(0.914)	103609	20.0000	18
	76 Butyl Acetate	73	7.969	7.969	(0.967)	45526	40.0000	36
	77 1,2-Dibromoethane	107	7.739	7.739	(0.939)	92291	20.0000	19
*	78 Chlorobenzene-d5	117	8.239	8.239	(1.000)	702687	50.0000	
	79 Chlorobenzene	112	8.251	8.251	(1.001)	266348	20.0000	18
	80 1,1,1,2-Tetrachloroethane	131	8.321	8.321	(1.010)	113568	20.0000	19
	81 Ethylbenzene	106	8.298	8.298	(1.007)	134946	20.0000	18
	82 m+p-Xylene	106	8.439	8.439	(1.024)	338748	40.0000	38
	84 o-Xylene	106	8.804	8.804	(1.069)	169124	20.0000	18
	85 Styrene	104	8.851	8.851	(1.074)	253564	20.0000	18
	83 Butyl Acrylate	73	9.004	9.004	(1.093)	59035	20.0000	15
	86 Bromoform	173	8.851	8.851	(1.074)	79816	20.0000	19
	88 Isopropylbenzene	105	9.074	9.074	(1.101)	426932	20.0000	19(MH)
$	89 Bromofluorobenzene (SUR)	174	9.292	9.292	(0.915)	333933	50.0000	50
	90 Camphene (total)	93	9.157	9.157	(1.111)	105962	20.0000	18
	91 Bromobenzene	156	9.363	9.363	(0.922)	128751	20.0000	19
	92 1,1,2,2-Tetrachloroethane	83	9.480	9.480	(0.933)	126474	20.0000	19
	93 1,2,3-Trichloropropane	110	9.568	9.568	(0.942)	41033	20.0000	19
	94 trans-1,4-Dichloro-2-butene	53	9.616	9.616	(0.947)	23573	20.0000	18
	95 n-Propylbenzene	91	9.410	9.410	(0.926)	487950	20.0000	19
	96 2-Chlorotoluene	91	9.521	9.521	(0.937)	301559	20.0000	19
	97 1,3,5-Trimethylbenzene	105	9.574	9.574	(0.943)	363043	20.0000	19
	98 4-Chlorotoluene	91	9.651	9.651	(0.950)	286840	20.0000	18
	99 Butyl Methacrylate	87	9.833	9.833	(0.968)	109972	20.0000	14
	100 tert-Butylbenzene	119	9.815	9.815	(0.966)	304507	20.0000	18
	101 1,2,4-Trimethylbenzene	105	9.874	9.874	(0.972)	382803	20.0000	19
	102 2-Octanone	43	10.274	10.274	(1.012)	144208	20.0000	15
	103 sec-Butylbenzene	105	9.957	9.957	(0.980)	455134	20.0000	16
	105 1,3-Dichlorobenzene	146	10.098	10.098	(0.994)	230826	20.0000	18
	107 p-Isopropyltoluene	119	10.068	10.068	(0.991)	394319	20.0000	11
*	108 1,4-Dichlorobenzene-d4	152	10.157	10.157	(1.000)	383364	50.0000	
	109 1,4-Dichlorobenzene	146	10.168	10.168	(1.001)	234601	20.0000	18
	110 Benzyl Chloride	91	10.380	10.380	(1.022)	518932	20.0000	19
	106 n-Butylbenzene	91	10.380	10.380	(1.022)	518932	20.0000	19
	111 1,2-Dichlorobenzene	146	10.480	10.480	(1.032)	239931	20.0000	19
	112 1,2-Dibromo-3-chloropropane	75	11.074	11.074	(1.090)	23957	20.0000	18
	113 Camphor	95	11.762	11.762	(1.158)	72973	100.000	57
	114 1,2,4-Trichlorobenzene	180	11.551	11.551	(1.137)	188117	20.0000	19
	115 Hexachlorobutadiene	225	11.533	11.533	(1.135)	61807	20.0000	17
	116 Naphthalene	128	11.786	11.786	(1.160)	484114	20.0000	20
	117 1,2,3-Trichlorobenzene	180	11.915	11.915	(1.173)	192430	20.0000	19
M	120 1,2-Dichloroethene (Total)	100				208591	40.0000	37
M	121 Xylene (Total)	100				507872	60.0000	56

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08626.d
Report Date: 28-Apr-2009 13:10

QC Flag Legend

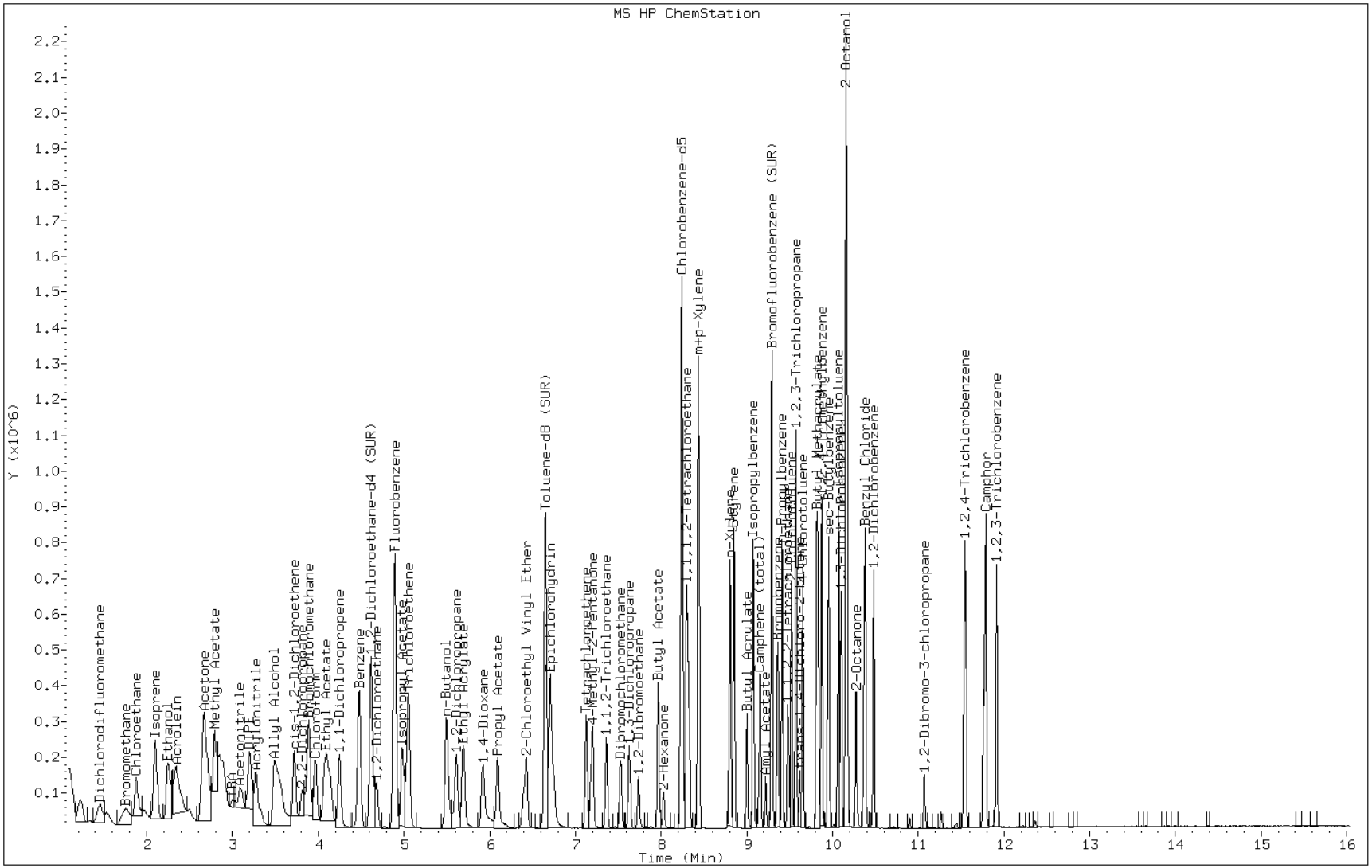
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d08626.d

Date: 27-APR-2009 21:31

Client ID: DSTD020 Instrument: VOAMS4.i

Sample Info: VMCAL3_00003 Operator:



Manual Integration Report

Data File: d08626.d
Inj. Date and Time: 27-APR-2009 21:31
Instrument ID: VOAMS4.i
Client ID: DSTD020
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 04/28/2009

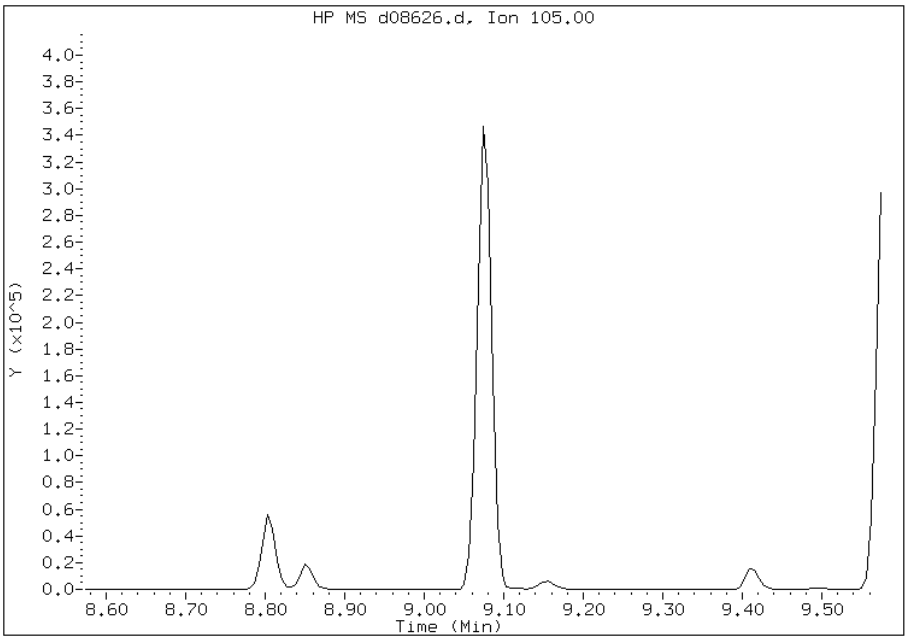
Processing Integration Results

RT: 9.87

Response: 382803

Amount: 20

Conc: 20



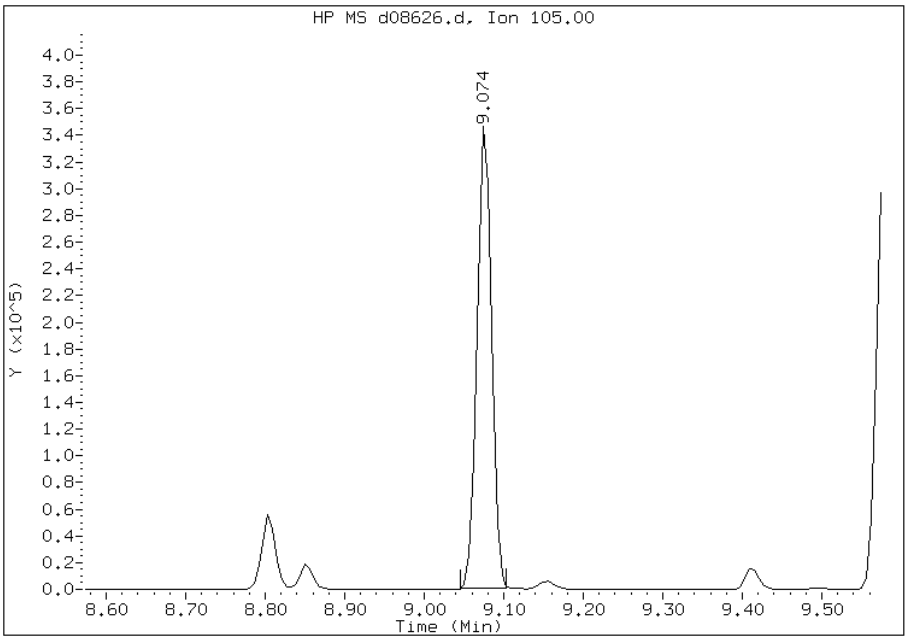
Manual Integration Results

RT: 9.07

Response: 426932

Amount: 19

Conc: 19



Manually Integrated By: vibha
Manual Integration Reason:

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08627.d
Report Date: 28-Apr-2009 13:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08627.d
Lab Smp Id: IC-VMCAL4_00003 Client Smp ID: DSTD050
Inj Date : 27-APR-2009 21:55
Operator : Inst ID: VOAMS4.i
Smp Info : VMCAL4_00003
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/8260_09.m
Meth Date : 28-Apr-2009 13:10 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 21:55 Cal File: d08627.d
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.346	1.340	(0.275)	259398	50.0000	54
3 Chloromethane	50	1.440	1.451	(0.295)	358385	50.0000	50
4 Vinyl Chloride	62	1.534	1.534	(0.314)	349279	50.0000	50
6 Bromomethane	94	1.757	1.757	(0.360)	256690	50.0000	50
5 Chloroethane	64	1.857	1.869	(0.380)	216386	50.0000	50
7 Trichlorofluoromethane	101	1.869	1.963	(0.382)	401217	50.0000	53
8 n-Pentane	72	1.869	1.881	(0.382)	36849	50.0000	52
10 Isoprene	67	2.081	2.092	(0.426)	315165	50.0000	52
11 Ethyl Ether	59	2.099	2.110	(0.429)	191734	50.0000	48
13 Acrolein	56	2.487	2.504	(0.509)	67184	100.000	96
15 1,1-Dichloroethene	96	2.228	2.240	(0.456)	239564	50.0000	50
14 Freon TF	101	2.357	2.345	(0.482)	244445	50.0000	55
16 Acetone	58	2.722	2.722	(0.557)	30895	50.0000	60
17 Iodomethane	142	2.334	2.345	(0.478)	533728	50.0000	50
18 Carbon Disulfide	76	2.246	2.257	(0.460)	801996	50.0000	50
19 Isopropanol	45	2.646	2.657	(0.541)	1490866	4000.00	4100

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08627.d
Report Date: 28-Apr-2009 13:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.075	3.092	(0.629)	124229	1000.00	860
	27 Methyl Acetate	74	2.810	2.822	(0.575)	99648	50.0000	48
	22 Methylene Chloride	84	2.663	2.669	(0.545)	290933	50.0000	50
	24 TBA	59	3.004	3.010	(0.615)	529770	1000.00	920
	25 trans-1,2-Dichloroethene	96	2.781	2.792	(0.569)	255613	50.0000	49
	26 Acrylonitrile	53	3.322	3.328	(0.680)	106087	50.0000	49
	28 MTBE	73	2.893	2.892	(0.592)	739888	50.0000	49
	29 Hexane	56	2.846	2.851	(0.582)	158486	50.0000	50
	30 1,1-Dichloroethane	63	3.269	3.275	(0.669)	419362	50.0000	49
	31 Vinyl Acetate	43	3.193	3.198	(0.653)	361155	50.0000	49(H)
	32 DIPE	45	3.187	3.198	(0.652)	809519	50.0000	53
	35 t-Butyl-ethyl-ether	59	3.487	3.492	(0.714)	879099	50.0000	55
	37 2,2-Dichloropropane	77	3.810	3.816	(0.780)	293115	50.0000	50
	36 cis-1,2-Dichloroethene	96	3.716	3.722	(0.760)	285400	50.0000	48
	38 2-Butanone	72	4.246	4.251	(0.869)	45710	50.0000	54(H)
	39 Ethyl Acetate	70	4.093	4.098	(0.838)	56612	100.000	100
	40 Bromochloromethane	128	3.887	3.892	(0.795)	164318	50.0000	49
	41 Tetrahydrofuran	42	4.098	4.098	(0.839)	114886	50.0000	45
	42 Chloroform	83	3.963	3.969	(0.811)	434392	50.0000	48
	43 1,1,1-Trichloroethane	97	4.134	4.139	(0.846)	374236	50.0000	50
	44 Cyclohexane	56	3.875	3.881	(0.793)	376907	50.0000	55
	45 Carbon Tetrachloride	117	4.069	4.075	(0.833)	416065	50.0000	53
	46 1,1-Dichloropropene	75	4.240	4.245	(0.868)	323321	50.0000	50
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.616	(0.943)	37326	50.0000	50
	48 Benzene	78	4.475	4.481	(0.544)	973046	50.0000	48
	49 1,2-Dichloroethane	62	4.675	4.681	(0.957)	310591	50.0000	49
	51 n-Heptane	57	4.463	4.463	(0.913)	109072	50.0000	50
	50 t-Amyl-methyl-ether	73	4.616	4.616	(0.945)	725376	50.0000	50
	61 Isopropyl Acetate	43	4.975	4.981	(1.018)	916348	100.000	100
*	52 Fluorobenzene	96	4.887	4.892	(1.000)	914241	50.0000	
	54 Trichloroethene	95	5.051	5.057	(1.034)	260406	50.0000	48
	53 n-Butanol	56	5.487	5.492	(1.123)	294779	2000.00	1900
	56 Methyl cyclohexane	83	5.040	5.039	(1.031)	357642	50.0000	54
	55 Ethyl Acrylate	55	5.687	5.692	(1.164)	289620	50.0000	49
	57 1,2-Dichloropropane	63	5.604	5.610	(1.147)	246553	50.0000	49
	58 Dibromomethane	93	5.492	5.498	(1.124)	173781	50.0000	49
	60 1,4-Dioxane	88	5.922	5.928	(1.212)	254769	4000.00	4000
	59 Methyl Methacrylate	100	5.910	5.922	(1.209)	72846	50.0000	52
	75 Propyl Acetate	43	6.087	6.092	(1.246)	663339	100.000	100
	68 Bromodichloromethane	83	5.692	5.692	(1.165)	326888	50.0000	49
	62 2-Chloroethyl Vinyl Ether	63	6.387	6.392	(1.307)	153524	50.0000	51
	63 Epichlorohydrin	57	6.745	6.745	(0.819)	500566	1000.00	1000
	67 cis-1,3-Dichloropropene	75	6.428	6.427	(0.781)	383680	50.0000	49
	70 4-Methyl-2-Pentanone	43	7.181	7.186	(0.872)	264279	50.0000	50
$	65 Toluene-d8 (SUR)	98	6.645	6.651	(0.807)	760016	50.0000	49
	66 Toluene	91	6.704	6.710	(0.814)	1050384	50.0000	46
	64 trans-1,3-Dichloropropene	75	7.198	7.204	(0.874)	349725	50.0000	49

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08627.d
Report Date: 28-Apr-2009 13:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	69 1,1,2-Trichloroethane	83	7.363	7.363	(0.894)	190180	50.0000	49
	71 Tetrachloroethene	166	7.128	7.127	(0.866)	320113	50.0000	49
	72 1,3-Dichloropropane	76	7.628	7.627	(0.926)	384928	50.0000	49
	73 2-Hexanone	43	8.028	8.027	(0.975)	165974	50.0000	50
	74 Dibromochloromethane	129	7.528	7.527	(0.914)	287364	50.0000	49
	76 Butyl Acetate	73	7.969	7.969	(0.968)	134879	100.000	100
	77 1,2-Dibromoethane	107	7.739	7.739	(0.940)	250582	50.0000	49
*	78 Chlorobenzene-d5	117	8.233	8.239	(1.000)	734466	50.0000	
	79 Chlorobenzene	112	8.251	8.251	(1.002)	733639	50.0000	49
	80 1,1,1,2-Tetrachloroethane	131	8.322	8.321	(1.011)	314802	50.0000	50
	81 Ethylbenzene	106	8.298	8.298	(1.008)	377717	50.0000	50
	82 m+p-Xylene	106	8.439	8.439	(1.025)	944755	100.000	100
	84 o-Xylene	106	8.804	8.804	(1.069)	481808	50.0000	51
	85 Styrene	104	8.851	8.851	(1.075)	730854	50.0000	51
	83 Butyl Acrylate	73	9.004	9.004	(1.094)	177799	50.0000	44
	86 Bromoform	173	8.851	8.851	(1.075)	228536	50.0000	52
	88 Isopropylbenzene	105	9.075	9.074	(1.102)	1249356	50.0000	54(M)
$	89 Bromofluorobenzene (SUR)	174	9.292	9.292	(0.915)	347421	50.0000	51
	90 Camphene (total)	93	9.151	9.157	(1.111)	314747	50.0000	53
	91 Bromobenzene	156	9.363	9.363	(0.922)	349387	50.0000	49
	92 1,1,2,2-Tetrachloroethane	83	9.480	9.480	(0.933)	345011	50.0000	51
	93 1,2,3-Trichloropropane	110	9.569	9.568	(0.942)	111521	50.0000	51
	94 trans-1,4-Dichloro-2-butene	53	9.616	9.616	(0.947)	68118	50.0000	51
	95 n-Propylbenzene	91	9.410	9.410	(0.926)	1406087	50.0000	54
	96 2-Chlorotoluene	91	9.522	9.521	(0.937)	842135	50.0000	50
	97 1,3,5-Trimethylbenzene	105	9.575	9.574	(0.943)	1070514	50.0000	54
	98 4-Chlorotoluene	91	9.651	9.651	(0.950)	809973	50.0000	50
	99 Butyl Methacrylate	87	9.833	9.833	(0.968)	345097	50.0000	44
	100 tert-Butylbenzene	119	9.816	9.815	(0.966)	914539	50.0000	54
	101 1,2,4-Trimethylbenzene	105	9.875	9.874	(0.972)	1096997	50.0000	54
	102 2-Octanone	43	10.275	10.274	(1.012)	430313	50.0000	43
	103 sec-Butylbenzene	105	9.951	9.957	(0.980)	1356641	50.0000	45
	105 1,3-Dichlorobenzene	146	10.098	10.098	(0.994)	634692	50.0000	50
	107 p-Isopropyltoluene	119	10.069	10.068	(0.991)	1188020	50.0000	34
*	108 1,4-Dichlorobenzene-d4	152	10.157	10.157	(1.000)	395090	50.0000	
	109 1,4-Dichlorobenzene	146	10.169	10.168	(1.001)	635319	50.0000	48
	110 Benzyl Chloride	91	10.380	10.380	(1.022)	1524322	50.0000	54
	106 n-Butylbenzene	91	10.380	10.380	(1.022)	1524322	50.0000	54
	111 1,2-Dichlorobenzene	146	10.480	10.480	(1.032)	653849	50.0000	50
	112 1,2-Dibromo-3-chloropropane	75	11.074	11.074	(1.090)	67892	50.0000	50
	113 Camphor	95	11.763	11.762	(1.158)	228843	250.000	170
	114 1,2,4-Trichlorobenzene	180	11.551	11.551	(1.137)	524608	50.0000	51
	115 Hexachlorobutadiene	225	11.533	11.533	(1.135)	190041	50.0000	52
	116 Naphthalene	128	11.786	11.786	(1.160)	1358164	50.0000	55
	117 1,2,3-Trichlorobenzene	180	11.916	11.915	(1.173)	534700	50.0000	50
M	120 1,2-Dichloroethene (Total)	100				541013	100.000	96
M	121 Xylene (Total)	100				1426563	150.000	150

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08627.d
Report Date: 28-Apr-2009 13:10

QC Flag Legend

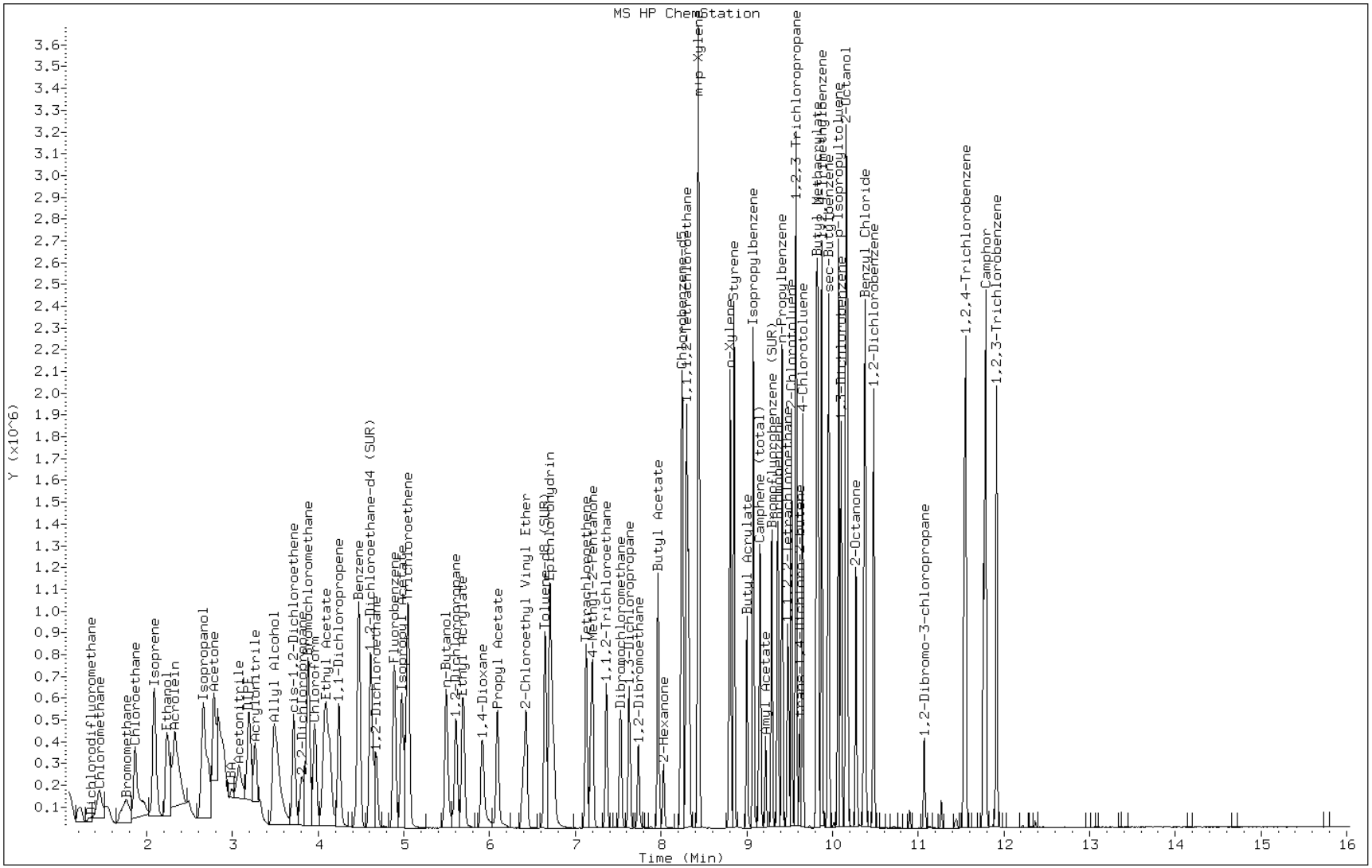
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d08627.d

Date: 27-APR-2009 21:55

Client ID: DSTD050 Instrument: VOAMS4.i

Sample Info: VMCAL4_00003 Operator:



Manual Integration Report

Data File: d08627.d
Inj. Date and Time: 27-APR-2009 21:55
Instrument ID: VOAMS4.i
Client ID: DSTD050
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 04/28/2009

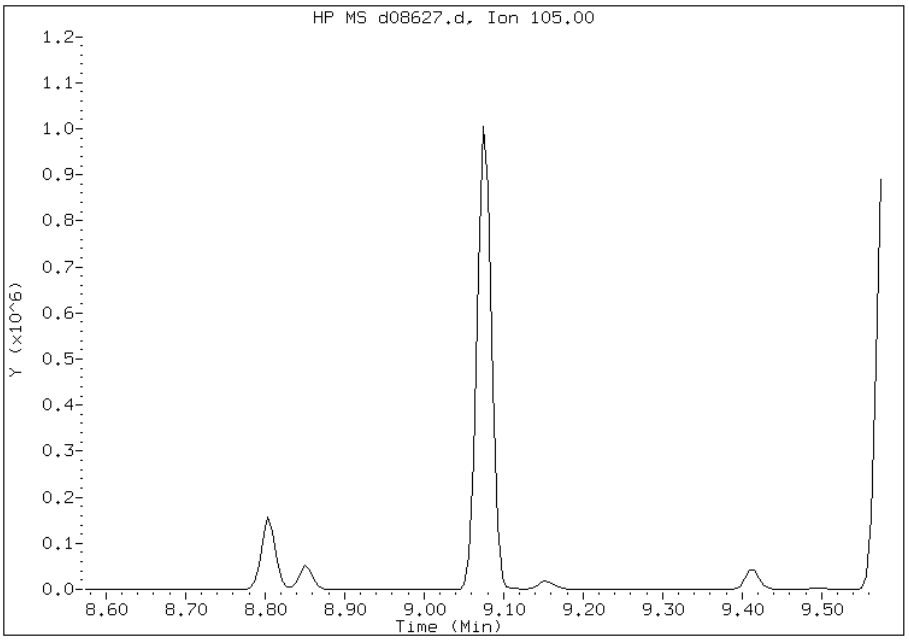
Processing Integration Results

RT: 9.87

Response: 1097009

Amount: 53

Conc: 53



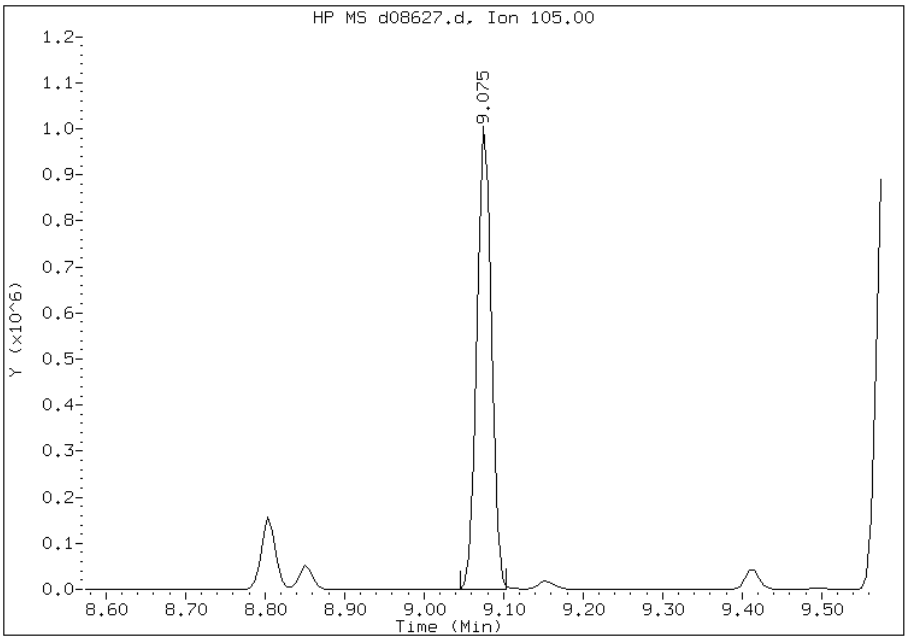
Manual Integration Results

RT: 9.07

Response: 1249356

Amount: 54

Conc: 54



Manually Integrated By: vibha
Manual Integration Reason:

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08628.d
Report Date: 28-Apr-2009 13:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08628.d
Lab Smp Id: IC-VMCAL5_00003
Inj Date : 27-APR-2009 22:20
Operator : Inst ID: VOAMS4.i
Smp Info : VMCAL5_00003
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/8260_09.m
Meth Date : 28-Apr-2009 13:11 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 22:20 Cal File: d08628.d
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.358	1.340	(0.277)	1077525	200.000	210
3 Chloromethane	50	1.463	1.451	(0.299)	1608527	200.000	210
4 Vinyl Chloride	62	1.546	1.534	(0.316)	1536236	200.000	200
6 Bromomethane	94	1.758	1.757	(0.359)	1075602	200.000	190
5 Chloroethane	64	1.863	1.869	(0.381)	891696	200.000	190
7 Trichlorofluoromethane	101	1.881	1.963	(0.384)	1651715	200.000	200
8 n-Pentane	72	1.875	1.881	(0.383)	174101	200.000	230
10 Isoprene	67	2.093	2.092	(0.428)	1439760	200.000	220
11 Ethyl Ether	59	2.110	2.110	(0.431)	875274	200.000	200
13 Acrolein	56	2.499	2.504	(0.511)	143489	200.000	190
15 1,1-Dichloroethene	96	2.240	2.240	(0.458)	1072051	200.000	200
14 Freon TF	101	2.352	2.345	(0.481)	1023699	200.000	210(H)
16 Acetone	58	2.728	2.722	(0.558)	125506	200.000	230
17 Iodomethane	142	2.346	2.345	(0.479)	2376804	200.000	210
18 Carbon Disulfide	76	2.257	2.257	(0.461)	3652550	200.000	210
19 Isopropanol	45	2.657	2.657	(0.543)	1886620	5000.00	4800

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08628.d
Report Date: 28-Apr-2009 13:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.087	3.092	(0.631)	605181	4000.00	3800
	27 Methyl Acetate	74	2.822	2.822	(0.577)	466874	200.000	200
	22 Methylene Chloride	84	2.675	2.669	(0.547)	1291911	200.000	200
	24 TBA	59	3.040	3.010	(0.621)	2587664	4000.00	4100
	25 trans-1,2-Dichloroethene	96	2.793	2.792	(0.571)	1169697	200.000	200
	26 Acrylonitrile	53	3.334	3.328	(0.681)	237599	100.000	100
	28 MTBE	73	2.910	2.892	(0.595)	3472484	200.000	210
	29 Hexane	56	2.852	2.851	(0.583)	694434	200.000	200
	30 1,1-Dichloroethane	63	3.275	3.275	(0.669)	1919192	200.000	210
	31 Vinyl Acetate	43	3.204	3.198	(0.655)	1591684	200.000	200(H)
	32 DIPE	45	3.199	3.198	(0.654)	3462819	200.000	210
	35 t-Butyl-ethyl-ether	59	3.499	3.492	(0.715)	3629852	200.000	210
	37 2,2-Dichloropropane	77	3.816	3.816	(0.780)	1243845	200.000	200
	36 cis-1,2-Dichloroethene	96	3.722	3.722	(0.761)	1313949	200.000	200
	38 2-Butanone	72	4.257	4.251	(0.870)	205497	200.000	220(H)
	39 Ethyl Acetate	70	4.099	4.098	(0.838)	261277	400.000	420
	40 Bromochloromethane	128	3.893	3.892	(0.796)	736753	200.000	200
	41 Tetrahydrofuran	42	4.104	4.098	(0.839)	541642	200.000	200
	42 Chloroform	83	3.969	3.969	(0.811)	1994195	200.000	200
	43 1,1,1-Trichloroethane	97	4.140	4.139	(0.846)	1699528	200.000	210
	44 Cyclohexane	56	3.887	3.881	(0.794)	1642318	200.000	220
	45 Carbon Tetrachloride	117	4.075	4.075	(0.833)	1860862	200.000	220
	46 1,1-Dichloropropene	75	4.246	4.245	(0.868)	1506200	200.000	220
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.616	4.616	(0.943)	39606	50.0000	49
	48 Benzene	78	4.481	4.481	(0.544)	4530647	200.000	200
	49 1,2-Dichloroethane	62	4.681	4.681	(0.957)	1412769	200.000	200
	51 n-Heptane	57	4.469	4.463	(0.913)	494570	200.000	210
	50 t-Amyl-methyl-ether	73	4.622	4.616	(0.945)	3449763	200.000	220
	61 Isopropyl Acetate	43	4.981	4.981	(1.018)	4383231	400.000	440
*	52 Fluorobenzene	96	4.893	4.892	(1.000)	993904	50.0000	
	54 Trichloroethene	95	5.057	5.057	(1.034)	1228197	200.000	210
	53 n-Butanol	56	5.498	5.492	(1.124)	450594	2500.00	2600(H)
	56 Methyl cyclohexane	83	5.040	5.039	(1.030)	1547717	200.000	210
	55 Ethyl Acrylate	55	5.693	5.692	(1.163)	1396303	200.000	220
	57 1,2-Dichloropropane	63	5.610	5.610	(1.147)	1160910	200.000	210
	58 Dibromomethane	93	5.498	5.498	(1.124)	796594	200.000	210
	60 1,4-Dioxane	88	5.928	5.928	(1.212)	361056	5000.00	5300
	59 Methyl Methacrylate	100	5.916	5.922	(1.209)	342151	200.000	220
	75 Propyl Acetate	43	6.093	6.092	(1.245)	3131880	400.000	430
	68 Bromodichloromethane	83	5.698	5.692	(1.165)	1574167	200.000	220
	62 2-Chloroethyl Vinyl Ether	63	6.398	6.392	(1.308)	756190	200.000	230
	63 Epichlorohydrin	57	6.751	6.745	(0.819)	2371444	4000.00	4300
	67 cis-1,3-Dichloropropene	75	6.428	6.427	(0.780)	1885928	200.000	220
	70 4-Methyl-2-Pentanone	43	7.187	7.186	(0.872)	1293296	200.000	220
$	65 Toluene-d8 (SUR)	98	6.651	6.651	(0.807)	842400	50.0000	50
	66 Toluene	91	6.710	6.710	(0.814)	4975125	200.000	200
	64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.874)	1724364	200.000	220

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08628.d
Report Date: 28-Apr-2009 13:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	69 1,1,2-Trichloroethane	83	7.363	7.363	(0.894)	882688	200.000	210
	71 Tetrachloroethene	166	7.128	7.127	(0.865)	1504973	200.000	210
	72 1,3-Dichloropropane	76	7.634	7.627	(0.926)	1819730	200.000	210
	73 2-Hexanone	43	8.028	8.027	(0.974)	819585	200.000	220
	74 Dibromochloromethane	129	7.528	7.527	(0.914)	1414117	200.000	220
	76 Butyl Acetate	73	7.969	7.969	(0.967)	660458	400.000	450
	77 1,2-Dibromoethane	107	7.739	7.739	(0.939)	1178766	200.000	210
*	78 Chlorobenzene-d5	117	8.239	8.239	(1.000)	813839	50.0000	
	79 Chlorobenzene	112	8.251	8.251	(1.001)	3545746	200.000	210
	80 1,1,1,2-Tetrachloroethane	131	8.328	8.321	(1.011)	1499948	200.000	210
	81 Ethylbenzene	106	8.304	8.298	(1.008)	1823090	200.000	220
	82 m+p-Xylene	106	8.439	8.439	(1.024)	4628273	400.000	440
	84 o-Xylene	106	8.804	8.804	(1.069)	2314249	200.000	220
	85 Styrene	104	8.851	8.851	(1.074)	3720531	200.000	230
	83 Butyl Acrylate	73	9.004	9.004	(1.093)	897671	200.000	200
	86 Bromoform	173	8.851	8.851	(1.074)	1113185	200.000	230
	88 Isopropylbenzene	105	9.081	9.074	(1.102)	6004741	200.000	230(M)
$	89 Bromofluorobenzene (SUR)	174	9.292	9.292	(0.914)	378833	50.0000	51
	90 Camphene (total)	93	9.157	9.157	(1.111)	1559167	200.000	240
	91 Bromobenzene	156	9.363	9.363	(0.921)	1667017	200.000	220
	92 1,1,2,2-Tetrachloroethane	83	9.481	9.480	(0.933)	1533867	200.000	210
	93 1,2,3-Trichloropropane	110	9.575	9.568	(0.942)	497538	200.000	210
	94 trans-1,4-Dichloro-2-butene	53	9.616	9.616	(0.946)	336945	200.000	230
	95 n-Propylbenzene	91	9.416	9.410	(0.926)	6748731	200.000	240
	96 2-Chlorotoluene	91	9.522	9.521	(0.937)	4051799	200.000	220
	97 1,3,5-Trimethylbenzene	105	9.581	9.574	(0.943)	5264702	200.000	240
	98 4-Chlorotoluene	91	9.657	9.651	(0.950)	3942123	200.000	220
	99 Butyl Methacrylate	87	9.833	9.833	(0.968)	1742092	200.000	200
	100 tert-Butylbenzene	119	9.822	9.815	(0.966)	4494425	200.000	240
	101 1,2,4-Trimethylbenzene	105	9.875	9.874	(0.972)	5298808	200.000	240
	102 2-Octanone	43	10.280	10.274	(1.012)	2155744	200.000	200
	103 sec-Butylbenzene	105	9.957	9.957	(0.980)	6546420	200.000	200(A)
	105 1,3-Dichlorobenzene	146	10.104	10.098	(0.994)	2928903	200.000	210
	107 p-Isopropyltoluene	119	10.069	10.068	(0.991)	5692966	200.000	210
*	108 1,4-Dichlorobenzene-d4	152	10.163	10.157	(1.000)	430070	50.0000	
	109 1,4-Dichlorobenzene	146	10.175	10.168	(1.001)	2954177	200.000	210
	110 Benzyl Chloride	91	10.386	10.380	(1.022)	7201175	200.000	230
	106 n-Butylbenzene	91	10.386	10.380	(1.022)	7201175	200.000	230
	111 1,2-Dichlorobenzene	146	10.486	10.480	(1.032)	3021298	200.000	210
	112 1,2-Dibromo-3-chloropropane	75	11.075	11.074	(1.090)	320567	200.000	220
	113 Camphor	95	11.763	11.762	(1.157)	1264635	1000.00	880
	114 1,2,4-Trichlorobenzene	180	11.551	11.551	(1.137)	2374362	200.000	210
	115 Hexachlorobutadiene	225	11.539	11.533	(1.135)	882233	200.000	220
	116 Naphthalene	128	11.786	11.786	(1.160)	6162866	200.000	230(A)
	117 1,2,3-Trichlorobenzene	180	11.916	11.915	(1.172)	2400699	200.000	210
M	120 1,2-Dichloroethene (Total)	100				2483646	400.000	410
M	121 Xylene (Total)	100				6942522	600.000	660

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08628.d
Report Date: 28-Apr-2009 13:11

QC Flag Legend

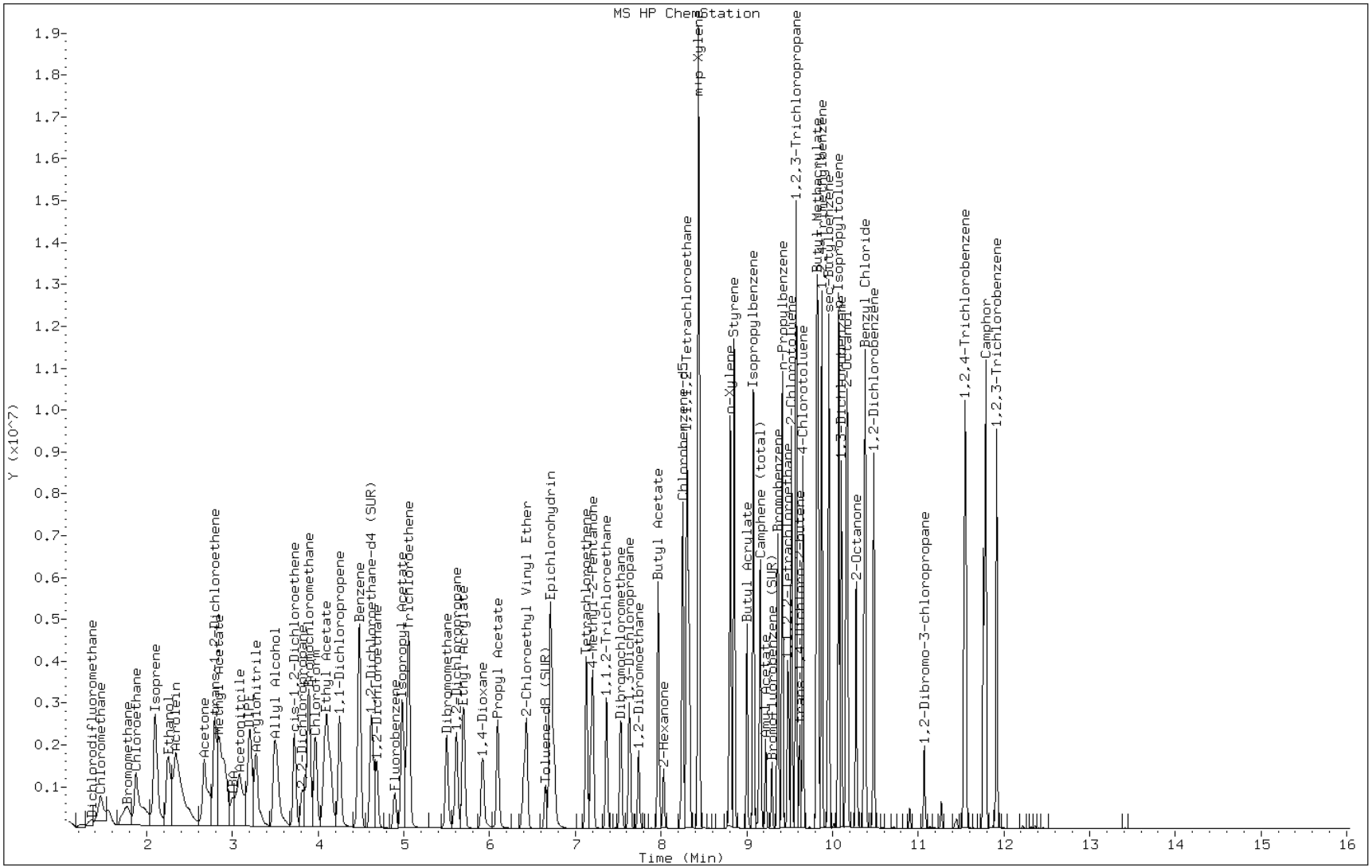
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d08628.d

Date: 27-APR-2009 22:20

Client ID: Instrument: VOAMS4.i

Sample Info: VMCAL5_00003 Operator:



Manual Integration Report

Data File: d08628.d
Inj. Date and Time: 27-APR-2009 22:20
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 04/28/2009

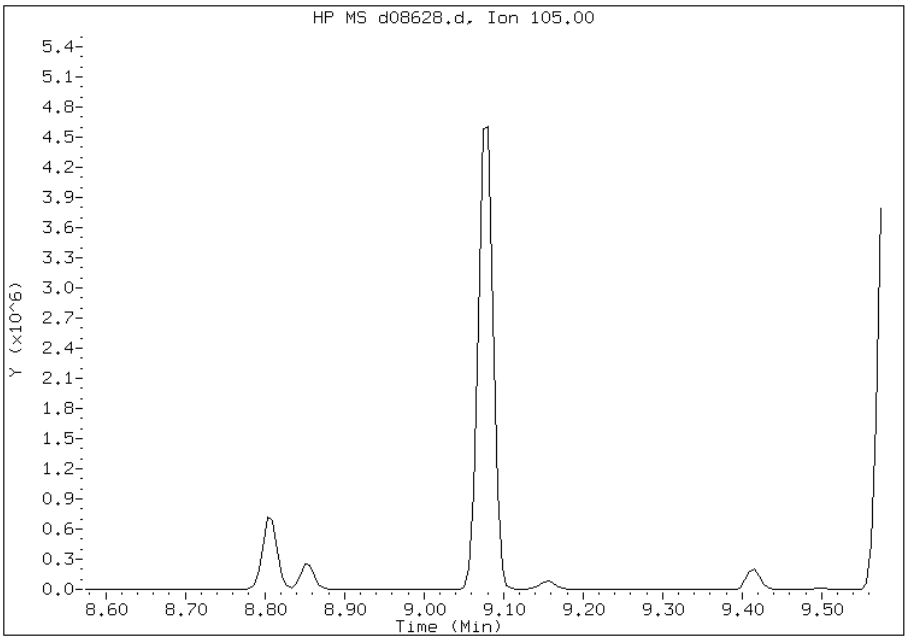
Processing Integration Results

RT: 9.87

Response: 5298808

Amount: 224

Conc: 224



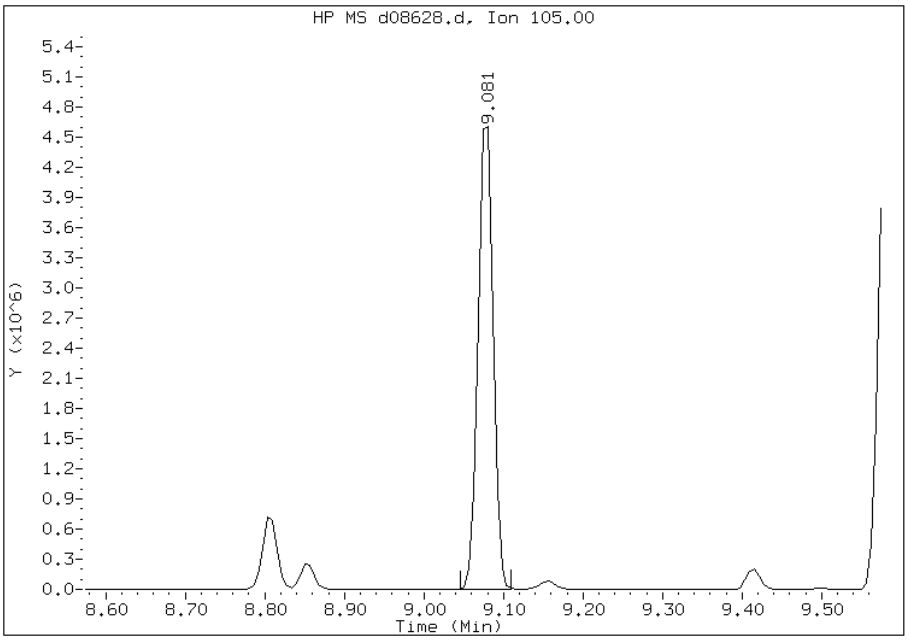
Manual Integration Results

RT: 9.08

Response: 6004741

Amount: 234

Conc: 234



Manually Integrated By: vibha
Manual Integration Reason:

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08629.d
Report Date: 28-Apr-2009 13:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08629.d
Lab Smp Id: IC-VMCAL6_00003 Client Smp ID: DSTD500
Inj Date : 27-APR-2009 22:44
Operator : Inst ID: VOAMS4.i
Smp Info : VMCAL6_00003
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/8260_09.m
Meth Date : 28-Apr-2009 13:11 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 9 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.357	1.340	(0.277)	2689579	500.000	470
3 Chloromethane	50	1.469	1.451	(0.300)	4244605	500.000	500
4 Vinyl Chloride	62	1.546	1.534	(0.316)	4063939	500.000	480
6 Bromomethane	94	1.763	1.757	(0.360)	2793682	500.000	460
5 Chloroethane	64	1.875	1.869	(0.383)	2250966	500.000	430
7 Trichlorofluoromethane	101	1.963	1.963	(0.401)	3919188	500.000	430
8 n-Pentane	72	1.875	1.881	(0.383)	411224	500.000	490
10 Isoprene	67	2.093	2.092	(0.427)	3594533	500.000	490
11 Ethyl Ether	59	2.110	2.110	(0.431)	2240197	500.000	460
13 Acrolein	56	2.504	2.504	(0.511)	305263	400.000	360
15 1,1-Dichloroethene	96	2.240	2.240	(0.457)	2780441	500.000	480
14 Freon TF	101	2.369	2.345	(0.484)	2459526	500.000	460(H)
16 Acetone	58	2.734	2.722	(0.558)	298383	500.000	490
17 Iodomethane	142	2.346	2.345	(0.479)	5984015	500.000	470
18 Carbon Disulfide	76	2.257	2.257	(0.461)	9538439	500.000	500
19 Isopropanol	45	2.663	2.657	(0.544)	2894963	6000.00	6600(A)

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08629.d
Report Date: 28-Apr-2009 13:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.087	3.092	(0.630)	1751715	10000.0	10000(A)
	27 Methyl Acetate	74	2.822	2.822	(0.576)	1198557	500.000	480
	22 Methylene Chloride	84	2.675	2.669	(0.546)	3373332	500.000	490
	24 TBA	59	3.022	3.010	(0.617)	8112965	10000.0	12000(A)
	25 trans-1,2-Dichloroethene	96	2.793	2.792	(0.570)	3118286	500.000	490
	26 Acrylonitrile	53	3.334	3.328	(0.681)	523167	200.000	200
	28 MTBE	73	2.910	2.892	(0.594)	9255390	500.000	510(A)
	29 Hexane	56	2.851	2.851	(0.582)	1723412	500.000	460
	30 1,1-Dichloroethane	63	3.275	3.275	(0.669)	5116976	500.000	500
	31 Vinyl Acetate	43	3.204	3.198	(0.654)	4120798	500.000	470(H)
	32 DIPE	45	3.204	3.198	(0.654)	9078883	500.000	500
	35 t-Butyl-ethyl-ether	59	3.498	3.492	(0.714)	9579343	500.000	500
	37 2,2-Dichloropropane	77	3.822	3.816	(0.780)	3067408	500.000	440
	36 cis-1,2-Dichloroethene	96	3.728	3.722	(0.761)	3421509	500.000	480
	38 2-Butanone	72	4.257	4.251	(0.869)	569542	500.000	560(AH)
	39 Ethyl Acetate	70	4.098	4.098	(0.837)	737669	1000.00	1100(A)
	40 Bromochloromethane	128	3.893	3.892	(0.795)	1913582	500.000	470
	41 Tetrahydrofuran	42	4.104	4.098	(0.838)	1532391	500.000	500(A)
	42 Chloroform	83	3.969	3.969	(0.810)	5186170	500.000	480
	43 1,1,1-Trichloroethane	97	4.145	4.139	(0.846)	4379301	500.000	490
	44 Cyclohexane	56	3.887	3.881	(0.793)	4266661	500.000	520(A)
	45 Carbon Tetrachloride	117	4.075	4.075	(0.832)	4815366	500.000	510(A)
	46 1,1-Dichloropropene	75	4.251	4.245	(0.868)	3969588	500.000	510(A)
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.622	4.616	(0.944)	43913	50.0000	49
	48 Benzene	78	4.487	4.481	(0.545)	12098796	500.000	480
	49 1,2-Dichloroethane	62	4.687	4.681	(0.957)	3771795	500.000	490
	51 n-Heptane	57	4.469	4.463	(0.912)	1231468	500.000	470
	50 t-Amyl-methyl-ether	73	4.628	4.616	(0.945)	9272011	500.000	530(A)
	61 Isopropyl Acetate	43	4.987	4.981	(1.018)	12228696	1000.00	1100(A)
*	52 Fluorobenzene	96	4.898	4.892	(1.000)	1098709	50.0000	
	54 Trichloroethene	95	5.063	5.057	(1.034)	3247270	500.000	500
	53 n-Butanol	56	5.498	5.492	(1.122)	708119	3000.00	3700(A)
	56 Methyl cyclohexane	83	5.045	5.039	(1.030)	3526409	500.000	440
	55 Ethyl Acrylate	55	5.692	5.692	(1.162)	3998577	500.000	560(A)
	57 1,2-Dichloropropane	63	5.616	5.610	(1.146)	3145571	500.000	520(A)
	58 Dibromomethane	93	5.498	5.498	(1.122)	2134432	500.000	500
	60 1,4-Dioxane	88	5.934	5.928	(1.211)	521564	6000.00	6900(A)
	59 Methyl Methacrylate	100	5.922	5.922	(1.209)	950401	500.000	570(A)
	75 Propyl Acetate	43	6.098	6.092	(1.245)	8969043	1000.00	1100(A)
	68 Bromodichloromethane	83	5.698	5.692	(1.163)	4295338	500.000	540(A)
	62 2-Chloroethyl Vinyl Ether	63	6.398	6.392	(1.306)	2105862	500.000	590(A)
	63 Epichlorohydrin	57	6.757	6.745	(0.820)	6666153	10000.0	11000(A)
	67 cis-1,3-Dichloropropene	75	6.434	6.427	(0.781)	5179165	500.000	530(A)
	70 4-Methyl-2-Pentanone	43	7.186	7.186	(0.872)	3702444	500.000	560(A)
$	65 Toluene-d8 (SUR)	98	6.651	6.651	(0.807)	923145	50.0000	48
	66 Toluene	91	6.716	6.710	(0.815)	13442370	500.000	480
	64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.874)	4786754	500.000	540(A)

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08629.d
Report Date: 28-Apr-2009 13:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	69 1,1,2-Trichloroethane	83	7.369	7.363	(0.894)	2391761	500.000	500
	71 Tetrachloroethene	166	7.133	7.127	(0.866)	3890056	500.000	480
	72 1,3-Dichloropropane	76	7.633	7.627	(0.926)	4990942	500.000	510(A)
	73 2-Hexanone	43	8.033	8.027	(0.975)	2395939	500.000	580(A)
	74 Dibromochloromethane	129	7.533	7.527	(0.914)	3867715	500.000	530(A)
	76 Butyl Acetate	73	7.969	7.969	(0.967)	1859401	1000.00	1100(A)
	77 1,2-Dibromoethane	107	7.745	7.739	(0.940)	3192591	500.000	500(A)
*	78 Chlorobenzene-d5	117	8.239	8.239	(1.000)	914051	50.0000	
	79 Chlorobenzene	112	8.257	8.251	(1.002)	9552455	500.000	510(A)
	80 1,1,1,2-Tetrachloroethane	131	8.328	8.321	(1.011)	3984037	500.000	510(A)
	81 Ethylbenzene	106	8.304	8.298	(1.008)	4944590	500.000	520(A)
	82 m+p-Xylene	106	8.445	8.439	(1.025)	12035111	1000.00	1000(A)
	84 o-Xylene	106	8.810	8.804	(1.069)	6257514	500.000	530(A)
	85 Styrene	104	8.857	8.851	(1.075)	10190049	500.000	570(A)
	83 Butyl Acrylate	73	9.004	9.004	(1.093)	2513905	500.000	500(A)
	86 Bromoform	173	8.857	8.851	(1.075)	3021840	500.000	550(A)
	88 Isopropylbenzene	105	9.075	9.074	(1.101)	13296787	500.000	460(M)
$	89 Bromofluorobenzene (SUR)	174	9.292	9.292	(0.914)	413729	50.0000	49
	90 Camphene (total)	93	9.157	9.157	(1.111)	3913370	500.000	530(A)
	91 Bromobenzene	156	9.363	9.363	(0.921)	4447644	500.000	510(A)
	92 1,1,2,2-Tetrachloroethane	83	9.486	9.480	(0.933)	4208274	500.000	500(A)
	93 1,2,3-Trichloropropane	110	9.575	9.568	(0.942)	1341764	500.000	500
	94 trans-1,4-Dichloro-2-butene	53	9.622	9.616	(0.947)	953119	500.000	580(A)
	95 n-Propylbenzene	91	9.410	9.410	(0.926)	13408348	500.000	420
	96 2-Chlorotoluene	91	9.522	9.521	(0.937)	10771763	500.000	520(A)
	97 1,3,5-Trimethylbenzene	105	9.580	9.574	(0.943)	11830644	500.000	480
	98 4-Chlorotoluene	91	9.657	9.651	(0.950)	10463140	500.000	530(A)
	99 Butyl Methacrylate	87	9.833	9.833	(0.968)	4822016	500.000	500
	100 tert-Butylbenzene	119	9.822	9.815	(0.966)	11259372	500.000	540(A)
	101 1,2,4-Trimethylbenzene	105	9.874	9.874	(0.972)	11812133	500.000	470
	102 2-Octanone	43	10.280	10.274	(1.012)	6178291	500.000	500(A)
	103 sec-Butylbenzene	105	9.951	9.957	(0.979)	13178351	500.000	360(A)
	105 1,3-Dichlorobenzene	146	10.104	10.098	(0.994)	7946860	500.000	500(A)
	107 p-Isopropyltoluene	119	10.069	10.068	(0.991)	11907518	500.000	500
*	108 1,4-Dichlorobenzene-d4	152	10.163	10.157	(1.000)	488446	50.0000	
	109 1,4-Dichlorobenzene	146	10.174	10.168	(1.001)	8013571	500.000	500
	110 Benzyl Chloride	91	10.380	10.380	(1.021)	17484770	500.000	500
	106 n-Butylbenzene	91	10.380	10.380	(1.021)	17484770	500.000	500
	111 1,2-Dichlorobenzene	146	10.486	10.480	(1.032)	8114595	500.000	500(A)
	112 1,2-Dibromo-3-chloropropane	75	11.074	11.074	(1.090)	892747	500.000	530(A)
	113 Camphor	95	11.763	11.762	(1.157)	4132982	2500.00	2500(A)
	114 1,2,4-Trichlorobenzene	180	11.557	11.551	(1.137)	6396380	500.000	500(A)
	115 Hexachlorobutadiene	225	11.539	11.533	(1.135)	2336993	500.000	510(A)
	116 Naphthalene	128	11.786	11.786	(1.160)	12335508	500.000	410(A)
	117 1,2,3-Trichlorobenzene	180	11.916	11.915	(1.172)	6434521	500.000	490
M	120 1,2-Dichloroethene (Total)	100				6539795	1000.00	970
M	121 Xylene (Total)	100				18292625	1500.00	1600(A)

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08629.d
Report Date: 28-Apr-2009 13:11

QC Flag Legend

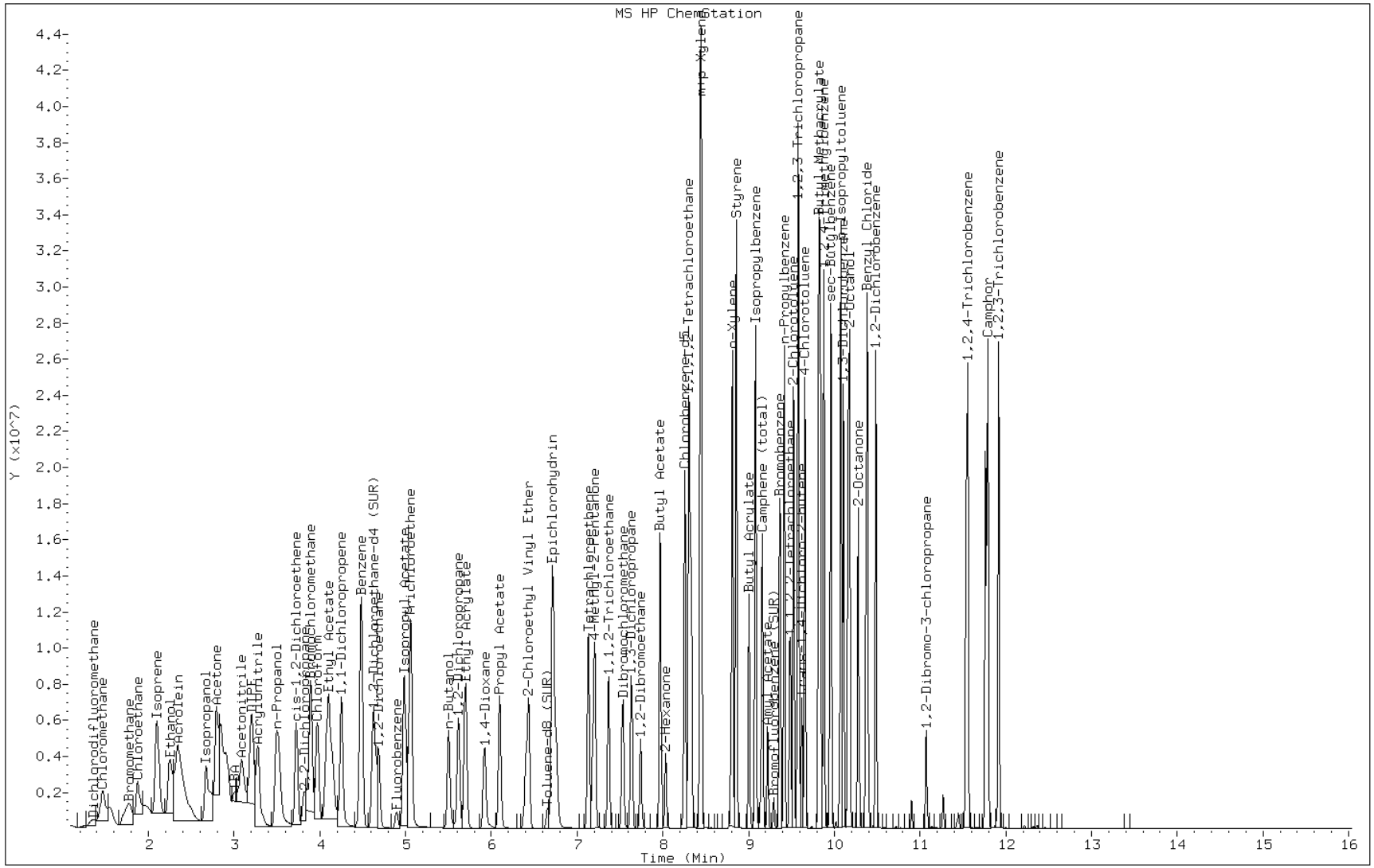
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d08629.d

Date: 27-APR-2009 22:44

Client ID: DSTD500 Instrument: VOAMS4.i

Sample Info: VMCAL6_00003 Operator:



Manual Integration Report

Data File: d08629.d
Inj. Date and Time: 27-APR-2009 22:44
Instrument ID: VOAMS4.i
Client ID: DSTD500
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 04/28/2009

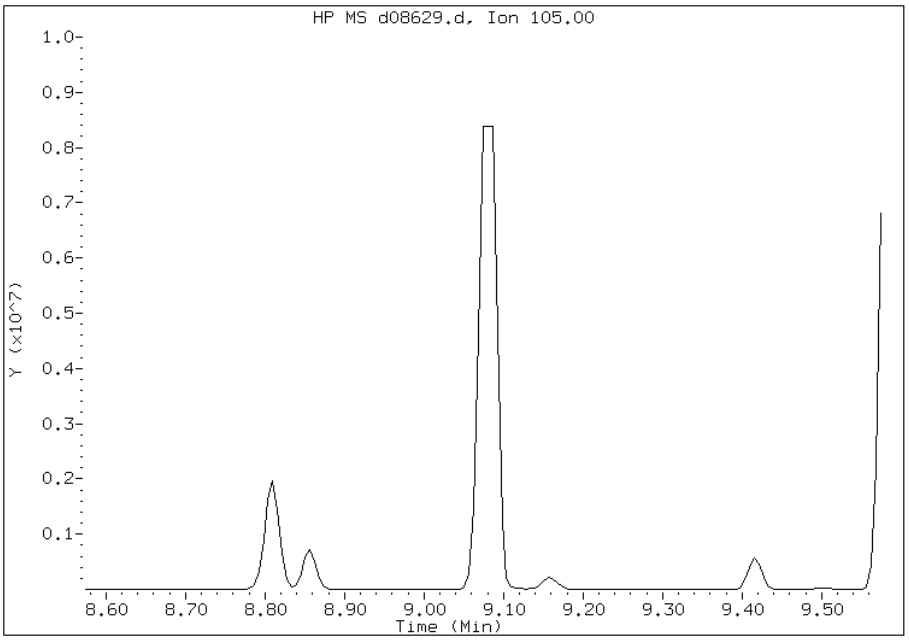
Processing Integration Results

RT: 9.87

Response: 11812133

Amount: 445

Conc: 445



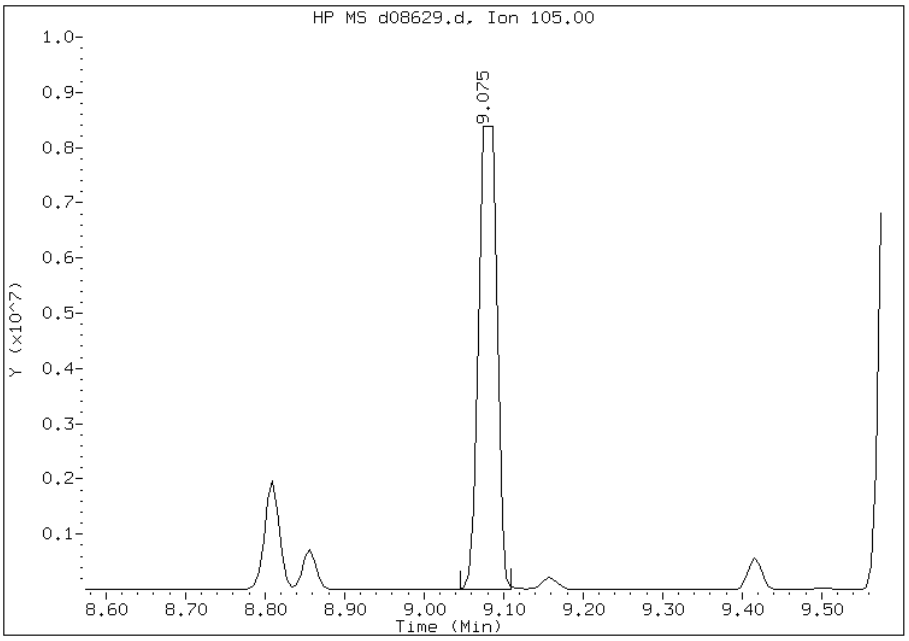
Manual Integration Results

RT: 9.07

Response: 13296787

Amount: 462

Conc: 462



Manually Integrated By: vibha
Manual Integration Reason:

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: CCVIS 460-6344/2 Calibration Date: 05/14/2009 05:03

Instrument ID: VOAMS4 Calib Start Date: 04/27/2009 20:18

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/27/2009 22:44

Lab File ID: d09191.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2601	0.2944		23.0	20.0	13.2	50.0
Chloromethane	Ave	0.3880	0.4142	0.1000	21.0	20.0	6.8	50.0
Vinyl chloride	Ave	0.3808	0.4085		21.0	20.0	7.3	20.0
Bromomethane	Ave	0.2785	0.3076		22.0	20.0	10.5	50.0
Chloroethane	Ave	0.2361	0.2660		23.0	20.0	12.7	50.0
Pentane	LinF	0.0369	0.0347		18.0	20.0	-9.8	50.0
Trichlorofluoromethane	Ave	0.4102	0.4937		24.0	20.0	20.3	50.0
2-Methyl-1,3-butadiene	Ave	0.3329	0.3297		20.0	20.0	-1.0	50.0
Ethyl ether	Ave	0.2203	0.2290		21.0	20.0	4.0	50.0
1,1-Dichloroethene	Ave	0.2644	0.2471		19.0	20.0	-6.6	20.0
Carbon disulfide	Ave	0.8692	0.8878		20.0	20.0	2.1	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2412	0.2573		21.0	20.0	6.7	50.0
Iodomethane	Ave	0.5796	0.6290		22.0	20.0	8.5	50.0
Acrolein	Ave	0.0381	0.0098		10.0	40.0	-74.4	99.0
Isopropyl alcohol	Ave	0.0198	0.0212		3200	3000	6.9	50.0
Methylene Chloride	Ave	0.3158	0.3293		21.0	20.0	4.3	50.0
Acetone	QuaF	0.0336	0.0282		16.0	20.0	-21.2	50.0
trans-1,2-Dichloroethene	Ave	0.2874	0.2842		20.0	20.0	-1.1	50.0
Methyl acetate	Ave	0.1142	0.1397		24.0	20.0	22.4	50.0
Hexane	Ave	0.1716	0.1959		23.0	20.0	14.2	50.0
Methyl tert-butyl ether	Ave	0.8299	0.8325		20.0	20.0	0.3	50.0
2-Methyl-2-propanol	Ave	0.0314	0.0308		390	400	-1.8	50.0
Acetonitrile	LinF	0.0081	0.0068		340	400	-14.1	50.0
Vinyl acetate	Ave	0.3994	0.3556		18.0	20.0	-11.0	50.0
Isopropyl ether	LinF	0.9826	0.8898		21.0	20.0	6.8	50.0
1,1-Dichloroethane	Ave	0.4669	0.4709	0.1000	20.0	20.0	0.9	50.0
Acrylonitrile	Ave	0.1178	0.1127		19.0	20.0	-4.4	50.0
Tert-butyl ethyl ether	LinF	1.326	1.116	0.0100	25.0	20.0	27.0	50.0
cis-1,2-Dichloroethene	Ave	0.3259	0.3278		20.0	20.0	0.6	50.0
2,2-Dichloropropane	Ave	0.3206	0.3593		22.0	20.0	12.1	50.0
Cyclohexane	Ave	0.3747	0.3809		20.0	20.0	1.6	50.0
Chlorobromomethane	Ave	0.1846	0.1871		20.0	20.0	1.4	50.0
Chloroform	Ave	0.4934	0.5049		20.0	20.0	2.3	20.0
Carbon tetrachloride	Ave	0.4314	0.4726		22.0	20.0	9.5	50.0
Ethyl acetate	Ave	0.0309	0.0334		43.0	40.0	8.0	50.0
Tetrahydrofuran	LinF	0.1377	0.1286		19.0	20.0	-7.4	50.0
1,1,1-Trichloroethane	Ave	0.4085	0.4333		21.0	20.0	6.1	50.0
1,1-Dichloropropene	Ave	0.3513	0.3506		20.0	20.0	-0.2	50.0
2-Butanone (MEK)	Ave	0.0466	0.0517		22.0	20.0	11.1	50.0
n-Heptane	Ave	0.1192	0.1588		27.0	20.0	33.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: CCVIS 460-6344/2 Calibration Date: 05/14/2009 05:03

Instrument ID: VOAMS4 Calib Start Date: 04/27/2009 20:18

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/27/2009 22:44

Lab File ID: d09191.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.380	1.358		20.0	20.0	-1.6	50.0
Tert-amyl methyl ether	Ave	0.7995	0.7619		19.0	20.0	-4.7	50.0
1,2-Dichloroethane	Ave	0.3473	0.3502		20.0	20.0	0.8	50.0
Isopropyl acetate	Ave	0.4973	0.5073		41.0	40.0	2.0	50.0
Methylcyclohexane	Ave	0.3642	0.4369		24.0	20.0	20.0	50.0
Trichloroethene	Ave	0.2957	0.2858		19.0	20.0	-3.4	50.0
Dibromomethane	Ave	0.1944	0.1994		21.0	20.0	2.5	50.0
n-Butanol	Ave	0.0086	0.0084		1500	1500	-3.0	50.0
1,2-Dichloropropane	Ave	0.2773	0.2701		19.0	20.0	-2.6	20.0
Ethyl acrylate	Ave	0.3246	0.3339		21.0	20.0	2.9	50.0
Dichlorobromomethane	Ave	0.3626	0.3693		20.0	20.0	1.8	50.0
Methyl methacrylate	Ave	0.0762	0.0789		21.0	20.0	3.5	50.0
1,4-Dioxane	Ave	0.0035	0.0039		3400	3000	12.7	50.0
n-Propyl acetate	Ave	0.3625	0.3684		41.0	40.0	1.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1632	0.1631		20.0	20.0	0.0	50.0
cis-1,3-Dichloropropene	Ave	0.5306	0.5248		20.0	20.0	-1.1	50.0
Toluene	Ave	1.546	1.466		19.0	20.0	-5.2	20.0
Epichlorohydrin	Ave	0.0341	0.0356		420	400	4.5	50.0
Tetrachloroethene	Ave	0.4427	0.4600		21.0	20.0	3.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3598	0.3515		20.0	20.0	-2.3	50.0
trans-1,3-Dichloropropene	Ave	0.4813	0.4689		19.0	20.0	-2.6	50.0
1,1,2-Trichloroethane	Ave	0.2628	0.2659		20.0	20.0	1.2	50.0
Chlorodibromomethane	Ave	0.3967	0.3984		20.0	20.0	0.4	50.0
1,3-Dichloropropane	Ave	0.5362	0.5178		19.0	20.0	-3.4	50.0
Ethylene Dibromide	Ave	0.3471	0.3443		20.0	20.0	-0.8	50.0
n-Butyl acetate	Ave	0.0899	0.0896		40.0	40.0	-0.3	50.0
2-Hexanone	Ave	0.2258	0.2276		20.0	20.0	0.8	50.0
Chlorobenzene	Ave	1.028	1.021	0.3000	20.0	20.0	-0.6	50.0
Ethylbenzene	Ave	0.5186	0.5185		20.0	20.0	0.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4292	0.4492		21.0	20.0	4.6	50.0
m-Xylene & p-Xylene	Ave	0.6381	0.6407		40.0	40.0	0.4	50.0
o-Xylene	Ave	0.6476	0.6353		20.0	20.0	-1.9	50.0
Bromoform	Ave	0.2993	0.3182	0.1000	21.0	20.0	6.3	50.0
Styrene	Ave	0.9731	0.9316		19.0	20.0	-4.3	50.0
n-Butyl acrylate	LinF	0.2297	0.2409		18.0	20.0	-12.3	50.0
Isopropylbenzene	Ave	1.576	1.730		22.0	20.0	9.8	50.0
Camphene	Ave	0.4061	0.5640		28.0	20.0	38.9	50.0
Bromobenzene	Ave	0.8966	0.9017		20.0	20.0	0.6	50.0
N-Propylbenzene	Ave	3.276	3.533		22.0	20.0	7.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8594	0.8974	0.3000	21.0	20.0	4.4	50.0
2-Chlorotoluene	Ave	2.114	2.071		20.0	20.0	-2.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: CCVIS 460-6344/2 Calibration Date: 05/14/2009 05:03

Instrument ID: VOAMS4 Calib Start Date: 04/27/2009 20:18

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/27/2009 22:44

Lab File ID: d09191.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.2774	0.2917		21.0	20.0	5.1	50.0
1,3,5-Trimethylbenzene	Ave	2.517	2.656		21.0	20.0	5.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1678	0.1656		20.0	20.0	-1.3	50.0
4-Chlorotoluene	Ave	2.028	1.973		19.0	20.0	-2.7	50.0
tert-Butylbenzene	Ave	2.148	2.328		22.0	20.0	8.4	50.0
Butyl Methacrylate	LinF	0.8043	0.8275		17.0	20.0	-16.4	50.0
1,2,4-Trimethylbenzene	Ave	2.575	2.713		21.0	20.0	5.4	50.0
sec-Butylbenzene	LinF	3.109	3.621		19.0	20.0	-4.2	50.0
4-Isopropyltoluene	QuaF	2.655	3.073		13.0	20.0	-34.2	50.0
1,3-Dichlorobenzene	Ave	1.622	1.656		20.0	20.0	2.1	50.0
1,4-Dichlorobenzene	Ave	1.657	1.687		20.0	20.0	1.8	50.0
2-Octanone	LinF	1.030	0.9830		16.0	20.0	-22.1	50.0
Benzyl chloride	Ave	3.590	4.211		23.0	20.0	17.3	50.0
n-Butylbenzene	Ave	3.590	4.211		23.0	20.0	17.3	50.0
1,2-Dichlorobenzene	Ave	1.661	1.706		21.0	20.0	2.7	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1709	0.1736		20.0	20.0	1.6	50.0
Hexachlorobutadiene	Ave	0.4651	0.6875		30.0	20.0	47.8	50.0
1,2,4-Trichlorobenzene	Ave	1.308	1.444		22.0	20.0	10.4	50.0
Camphor	QuaF	0.1140	0.1005		74.0	100	-25.8	50.0
Naphthalene	Ave	3.103	3.593		23.0	20.0	15.8	50.0
1,2,3-Trichlorobenzene	Ave	1.342	1.532		23.0	20.0	14.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0404	0.0373		46.0	50.0	-7.6	50.0
Toluene-d8 (Surr)	Ave	1.045	0.8925		43.0	50.0	-14.6	50.0
4-Bromofluorobenzene	Ave	0.8628	0.7594		44.0	50.0	-12.0	50.0

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09191.d
Report Date: 21-May-2009 15:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09191.d
Lab Smp Id: CCVIS
Inj Date : 14-MAY-2009 05:03
Operator : Inst ID: VOAMS4.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 21-May-2009 15:05 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.352	1.352	(0.277)	93064	20.0000	23
3 Chloromethane	50	1.434	1.434	(0.294)	130929	20.0000	21
4 Vinyl Chloride	62	1.522	1.522	(0.312)	129141	20.0000	21
6 Bromomethane	94	1.752	1.752	(0.359)	97246	20.0000	22
5 Chloroethane	64	1.846	1.846	(0.378)	84078	20.0000	22
7 Trichlorofluoromethane	101	1.869	1.869	(0.383)	156047	20.0000	24
8 n-Pentane	72	1.869	1.869	(0.383)	10961	20.0000	18
10 Isoprene	67	2.081	2.081	(0.426)	104222	20.0000	20
11 Ethyl Ether	59	2.099	2.099	(0.430)	72398	20.0000	21
13 Acrolein	56	2.487	2.487	(0.509)	6169	40.0000	10
15 1,1-Dichloroethene	96	2.228	2.228	(0.456)	78097	20.0000	19
14 Freon TF	101	2.328	2.328	(0.477)	81317	20.0000	21
16 Acetone	58	2.716	2.716	(0.556)	8924	20.0000	16
17 Iodomethane	142	2.334	2.334	(0.478)	198841	20.0000	22

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09191.d
Report Date: 21-May-2009 15:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.246	2.246	(0.460)	280640	20.0000	20
	19 Isopropanol	45	2.640	2.640	(0.541)	1005007	3000.00	3200
	21 Acetonitrile	39	3.075	3.075	(0.630)	42956	400.000	340
	27 Methyl Acetate	74	2.810	2.810	(0.576)	44169	20.0000	24
	22 Methylene Chloride	84	2.663	2.663	(0.546)	104086	20.0000	21
	24 TBA	59	2.987	2.987	(0.612)	194760	400.000	390
	25 trans-1,2-Dichloroethene	96	2.781	2.781	(0.570)	89821	20.0000	20
	26 Acrylonitrile	53	3.316	3.316	(0.679)	35616	20.0000	19
	28 MTBE	73	2.887	2.887	(0.591)	263162	20.0000	20
	29 Hexane	56	2.834	2.834	(0.581)	61923	20.0000	23
	30 1,1-Dichloroethane	63	3.263	3.263	(0.669)	148854	20.0000	20
	31 Vinyl Acetate	43	3.181	3.181	(0.652)	112392	20.0000	18(M)
	32 DIPE	45	3.187	3.187	(0.653)	281283	20.0000	21
	35 t-Butyl-ethyl-ether	59	3.481	3.481	(0.713)	352725	20.0000	25
	37 2,2-Dichloropropane	77	3.804	3.804	(0.779)	113579	20.0000	22
	36 cis-1,2-Dichloroethene	96	3.710	3.710	(0.760)	103610	20.0000	20
	38 2-Butanone	72	4.240	4.240	(0.869)	16356	20.0000	22
	39 Ethyl Acetate	70	4.087	4.087	(0.837)	21105	40.0000	43
	40 Bromochloromethane	128	3.875	3.875	(0.794)	59154	20.0000	20
	41 Tetrahydrofuran	42	4.087	4.087	(0.837)	40650	20.0000	18
	42 Chloroform	83	3.951	3.951	(0.810)	159609	20.0000	20
	43 1,1,1-Trichloroethane	97	4.128	4.128	(0.846)	136977	20.0000	21
	44 Cyclohexane	56	3.863	3.863	(0.792)	120393	20.0000	20
	45 Carbon Tetrachloride	117	4.057	4.057	(0.831)	149383	20.0000	22
	46 1,1-Dichloropropene	75	4.234	4.234	(0.867)	110827	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.598	4.598	(0.942)	29507	50.0000	46
	48 Benzene	78	4.469	4.469	(0.543)	338833	20.0000	20
	49 1,2-Dichloroethane	62	4.669	4.669	(0.957)	110691	20.0000	20
	51 n-Heptane	57	4.451	4.451	(0.912)	50196	20.0000	27
	50 t-Amyl-methyl-ether	73	4.604	4.604	(0.943)	240843	20.0000	19
	61 Isopropyl Acetate	43	4.969	4.969	(1.018)	320728	40.0000	41
*	52 Fluorobenzene	96	4.881	4.881	(1.000)	790260	50.0000	
	54 Trichloroethene	95	5.045	5.045	(1.034)	90341	20.0000	19
	53 n-Butanol	56	5.481	5.481	(1.123)	198278	1500.00	1400
	56 Methyl cyclohexane	83	5.022	5.022	(1.029)	138106	20.0000	24
	55 Ethyl Acrylate	55	5.675	5.675	(1.163)	105550	20.0000	20
	57 1,2-Dichloropropane	63	5.592	5.592	(1.146)	85389	20.0000	19
	58 Dibromomethane	93	5.481	5.481	(1.123)	63028	20.0000	20
	60 1,4-Dioxane	88	5.916	5.916	(1.212)	184342	3000.00	3400
	59 Methyl Methacrylate	100	5.904	5.904	(1.210)	24948	20.0000	21
	75 Propyl Acetate	43	6.081	6.081	(1.246)	232911	40.0000	41
	68 Bromodichloromethane	83	5.681	5.681	(1.164)	116747	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	6.375	6.375	(1.306)	51566	20.0000	20
	63 Epichlorohydrin	57	6.734	6.734	(0.818)	177621	400.000	420
	67 cis-1,3-Dichloropropene	75	6.416	6.416	(0.780)	130942	20.0000	20
	70 4-Methyl-2-Pentanone	43	7.175	7.175	(0.872)	87715	20.0000	20
$	65 Toluene-d8 (SUR)	98	6.634	6.634	(0.806)	556731	50.0000	43

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09191.d
Report Date: 21-May-2009 15:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
66	Toluene	91	6.692	6.692	(0.813)	365802	20.0000	19
64	trans-1,3-Dichloropropene	75	7.192	7.192	(0.874)	117000	20.0000	19
69	1,1,2-Trichloroethane	83	7.351	7.351	(0.893)	66346	20.0000	20
71	Tetrachloroethene	166	7.116	7.116	(0.865)	114764	20.0000	21
72	1,3-Dichloropropane	76	7.622	7.622	(0.926)	129186	20.0000	19
73	2-Hexanone	43	8.016	8.016	(0.974)	56777	20.0000	20
74	Dibromochloromethane	129	7.522	7.522	(0.914)	99398	20.0000	20
76	Butyl Acetate	73	7.957	7.957	(0.967)	44687	40.0000	40
77	1,2-Dibromoethane	107	7.728	7.728	(0.939)	85905	20.0000	20
* 78	Chlorobenzene-d5	117	8.228	8.228	(1.000)	623784	50.0000	
79	Chlorobenzene	112	8.245	8.245	(1.002)	254794	20.0000	20
80	1,1,1,2-Tetrachloroethane	131	8.316	8.316	(1.011)	112073	20.0000	21
81	Ethylbenzene	106	8.292	8.292	(1.008)	129376	20.0000	20
82	m+p-Xylene	106	8.428	8.428	(1.024)	319717	40.0000	40
84	o-Xylene	106	8.798	8.798	(1.069)	158507	20.0000	20
85	Styrene	104	8.845	8.845	(1.075)	232439	20.0000	19
83	Butyl Acrylate	73	8.998	8.998	(1.094)	60116	20.0000	18
86	Bromoform	173	8.845	8.845	(1.075)	79401	20.0000	21
88	Isopropylbenzene	105	9.069	9.069	(1.102)	431747	20.0000	22(MH)
$ 89	Bromofluorobenzene (SUR)	174	9.280	9.280	(0.914)	265832	50.0000	44
90	Camphene (total)	93	9.145	9.145	(1.112)	140736	20.0000	28
91	Bromobenzene	156	9.357	9.357	(0.922)	126250	20.0000	20
92	1,1,2,2-Tetrachloroethane	83	9.475	9.475	(0.933)	125654	20.0000	21
93	1,2,3-Trichloropropane	110	9.563	9.563	(0.942)	40837	20.0000	21
94	trans-1,4-Dichloro-2-butene	53	9.610	9.610	(0.947)	23181	20.0000	20
95	n-Propylbenzene	91	9.404	9.404	(0.926)	494754	20.0000	22
96	2-Chlorotoluene	91	9.510	9.510	(0.937)	289919	20.0000	20
97	1,3,5-Trimethylbenzene	105	9.569	9.569	(0.943)	371896	20.0000	21
98	4-Chlorotoluene	91	9.645	9.645	(0.950)	276250	20.0000	19
99	Butyl Methacrylate	87	9.822	9.822	(0.968)	115864	20.0000	17
100	tert-Butylbenzene	119	9.810	9.810	(0.966)	325968	20.0000	22
101	1,2,4-Trimethylbenzene	105	9.863	9.863	(0.972)	379837	20.0000	21
102	2-Octanone	43	10.269	10.269	(1.012)	137642	20.0000	16
103	sec-Butylbenzene	105	9.945	9.945	(0.980)	507042	20.0000	19
105	1,3-Dichlorobenzene	146	10.092	10.092	(0.994)	231877	20.0000	20
107	p-Isopropyltoluene	119	10.063	10.063	(0.991)	430349	20.0000	13
* 108	1,4-Dichlorobenzene-d4	152	10.151	10.151	(1.000)	350052	50.0000	
109	1,4-Dichlorobenzene	146	10.163	10.163	(1.001)	236186	20.0000	20
110	Benzyl Chloride	91	10.374	10.374	(1.022)	589602	20.0000	23
106	n-Butylbenzene	91	10.374	10.374	(1.022)	589602	20.0000	23
111	1,2-Dichlorobenzene	146	10.474	10.474	(1.032)	238943	20.0000	20
112	1,2-Dibromo-3-chloropropane	75	11.063	11.063	(1.090)	24313	20.0000	20
113	Camphor	95	11.757	11.757	(1.158)	70323	100.000	74
114	1,2,4-Trichlorobenzene	180	11.545	11.545	(1.137)	202237	20.0000	22
115	Hexachlorobutadiene	225	11.527	11.527	(1.136)	96259	20.0000	30
116	Naphthalene	128	11.780	11.780	(1.161)	503141	20.0000	23
117	1,2,3-Trichlorobenzene	180	11.904	11.904	(1.173)	214538	20.0000	23

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09191.d
Report Date: 21-May-2009 15:05

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 120 1,2-Dichloroethene (Total)	100				193431	40.0000	40
M 121 Xylene (Total)	100				478224	60.0000	60

QC Flag Legend

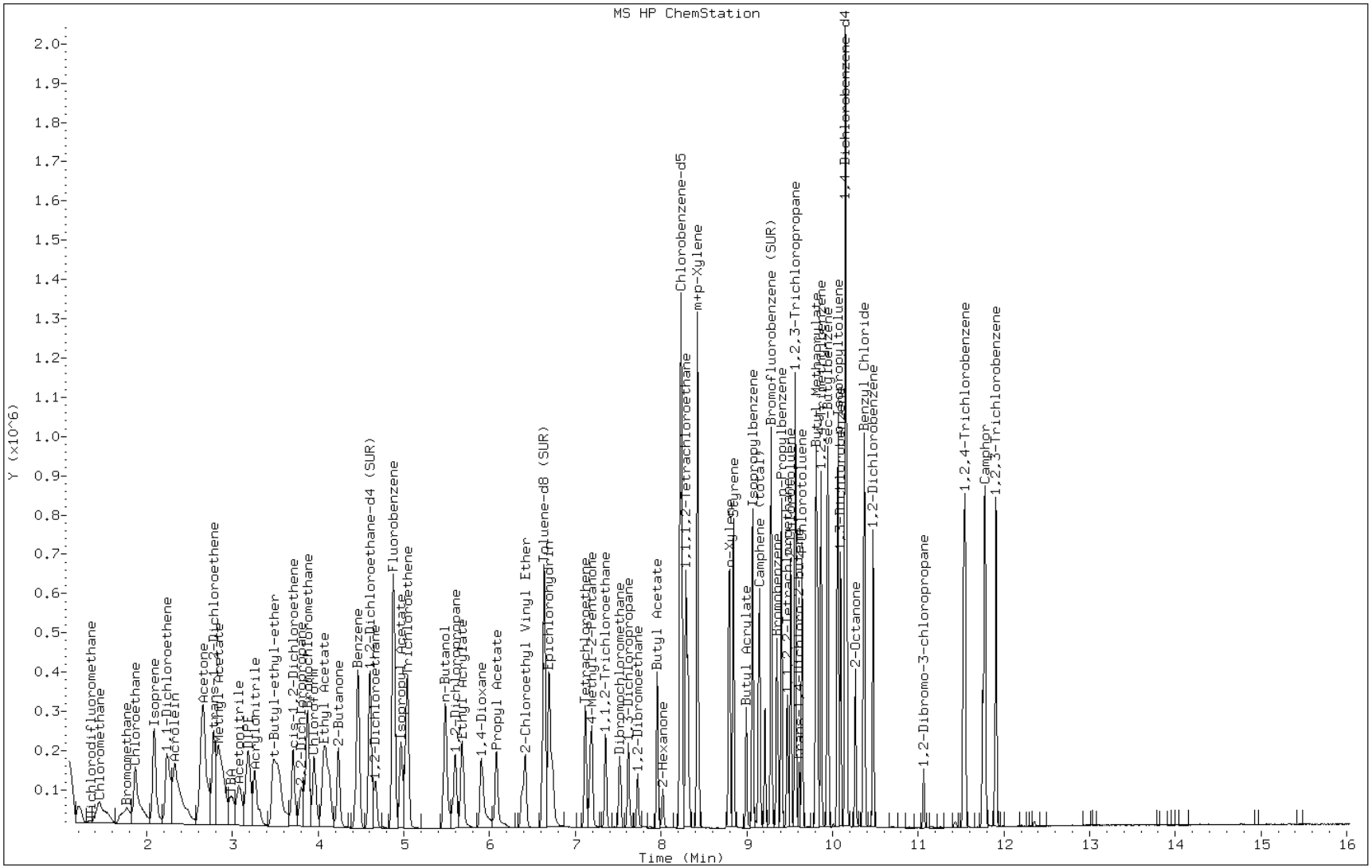
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d09191.d

Date: 14-MAY-2009 05:03

Client ID: Instrument: VOAMS4.i

Sample Info: CCVIS Operator:



Manual Integration Report

Data File: d09191.d
Inj. Date and Time: 14-MAY-2009 05:03
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/21/2009

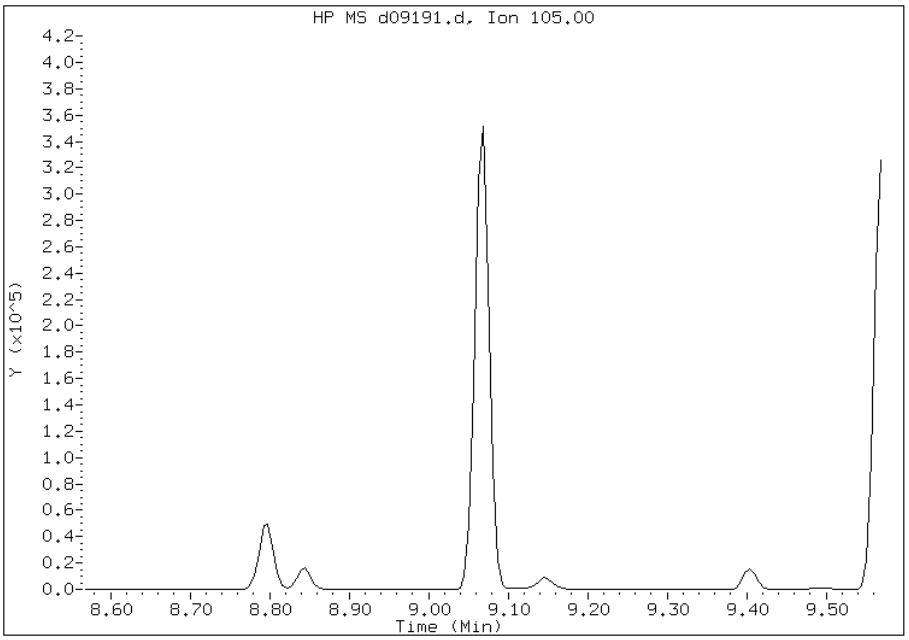
Processing Integration Results

RT: 9.57

Response: 371896

Amount: 19

Conc: 19



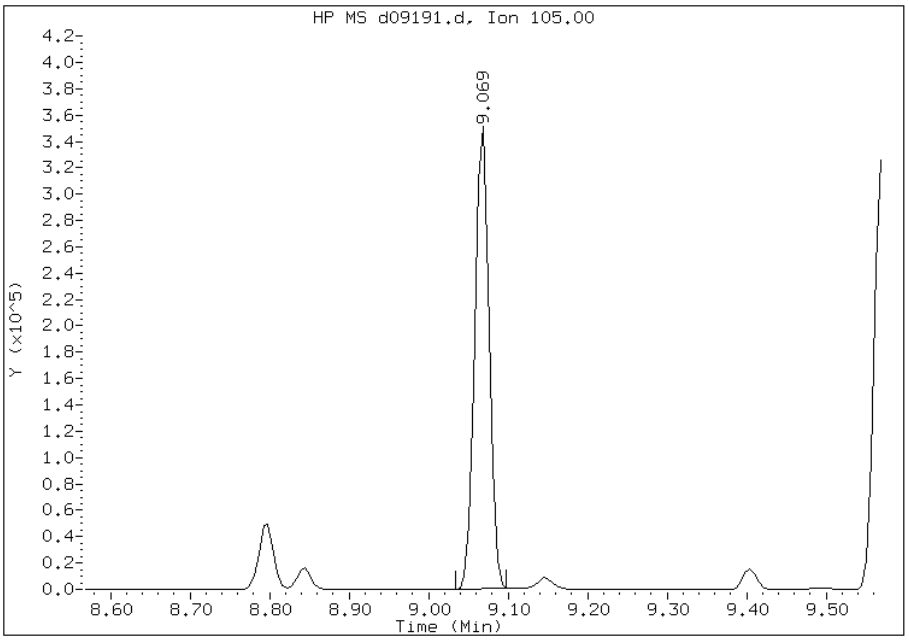
Manual Integration Results

RT: 9.07

Response: 431747

Amount: 22

Conc: 22



Manually Integrated By: vibha
Manual Integration Reason:

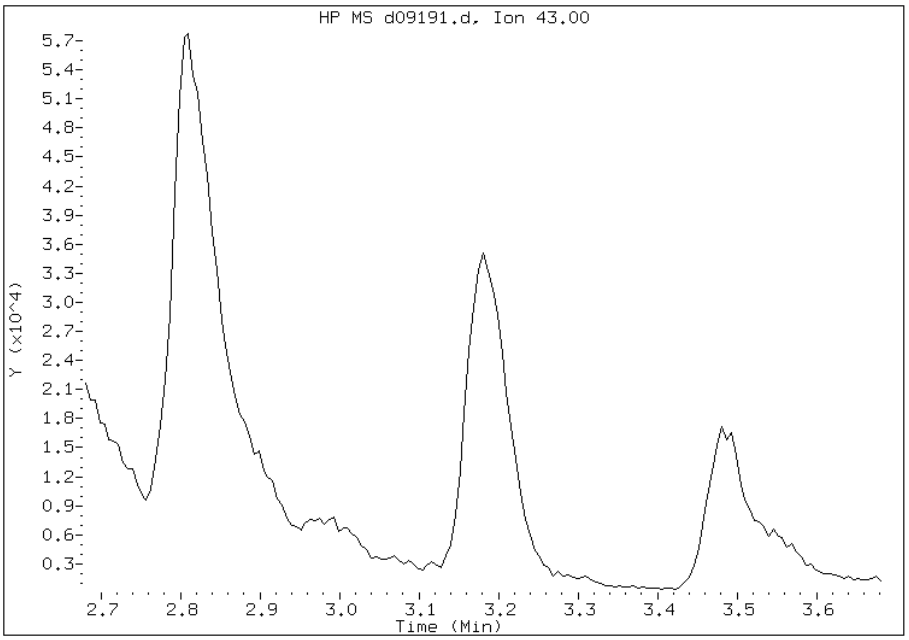
Manual Integration Report

Data File: d09191.d
Inj. Date and Time: 14-MAY-2009 05:03
Instrument ID: VOAMS4.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 05/21/2009

Processing Integration Results

Not Detected

Expected RT: 3.18



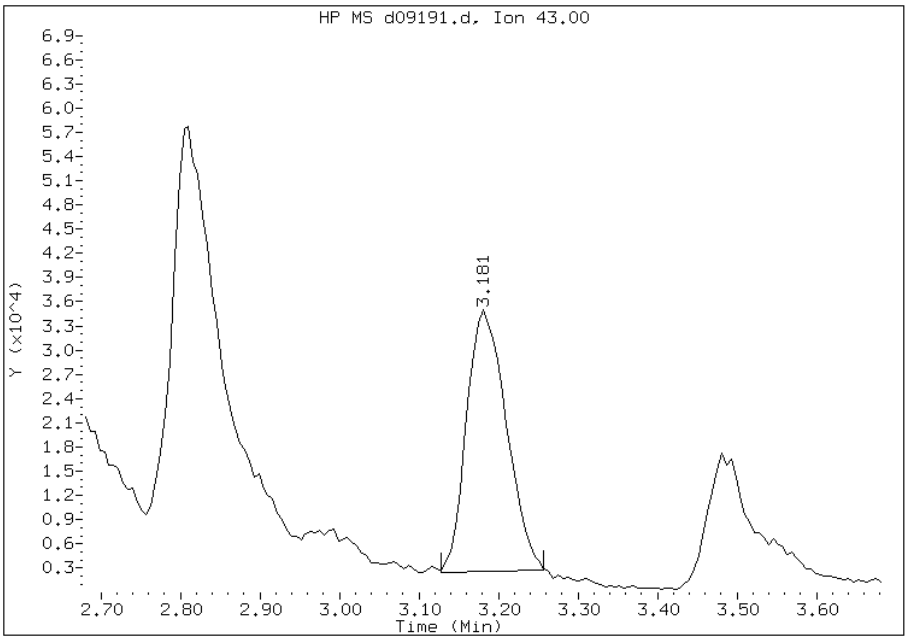
Manual Integration Results

RT: 3.18

Response: 112392

Amount: 18

Conc: 18



Manually Integrated By: vibha
Manual Integration Reason:

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: CCVIS 460-6470/2 Calibration Date: 05/14/2009 17:41

Instrument ID: VOAMS4 Calib Start Date: 04/27/2009 20:18

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/27/2009 22:44

Lab File ID: d09218.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2601	0.2783		21.0	20.0	7.0	50.0
Chloromethane	Ave	0.3880	0.4047	0.1000	21.0	20.0	4.3	50.0
Vinyl chloride	Ave	0.3808	0.3942		21.0	20.0	3.5	20.0
Bromomethane	Ave	0.2785	0.2959		21.0	20.0	6.2	50.0
Chloroethane	Ave	0.2361	0.2550		22.0	20.0	8.0	50.0
Pentane	LinF	0.0369	0.0261		14.0	20.0	-32.0	50.0
Trichlorofluoromethane	Ave	0.4102	0.4765		23.0	20.0	16.2	50.0
2-Methyl-1,3-butadiene	Ave	0.3329	0.2785		17.0	20.0	-16.3	50.0
Ethyl ether	Ave	0.2203	0.2203		20.0	20.0	0.0	50.0
1,1-Dichloroethene	Ave	0.2644	0.2203		17.0	20.0	-16.7	20.0
Carbon disulfide	Ave	0.8692	0.7653		18.0	20.0	-12.0	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2412	0.2045		17.0	20.0	-15.2	50.0
Iodomethane	Ave	0.5796	0.5959		21.0	20.0	2.8	50.0
Acrolein	Ave	0.0381	0.0118		12.0	40.0	-68.9	99.0
Isopropyl alcohol	Ave	0.0198	0.0199		3000	3000	0.6	50.0
Methylene Chloride	Ave	0.3158	0.3040		19.0	20.0	-3.7	50.0
Acetone	QuaF	0.0336	0.0198		11.0	20.0	-45.0	50.0
trans-1,2-Dichloroethene	Ave	0.2874	0.2559		18.0	20.0	-11.0	50.0
Methyl acetate	Ave	0.1142	0.0979		17.0	20.0	-14.2	50.0
Hexane	Ave	0.1716	0.1601		19.0	20.0	-6.7	50.0
Methyl tert-butyl ether	Ave	0.8299	0.7791		19.0	20.0	-6.1	50.0
2-Methyl-2-propanol	Ave	0.0314	0.0270		340	400	-13.8	50.0
Acetonitrile	LinF	0.0081	0.0067		340	400	-14.8	50.0
Isopropyl ether	LinF	0.9826	0.8151		20.0	20.0	-2.2	50.0
1,1-Dichloroethane	Ave	0.4669	0.4270	0.1000	18.0	20.0	-8.5	50.0
Acrylonitrile	Ave	0.1178	0.1048		18.0	20.0	-11.0	50.0
Tert-butyl ethyl ether	LinF	1.326	1.007	0.0100	23.0	20.0	14.6	50.0
cis-1,2-Dichloroethene	Ave	0.3259	0.3040		19.0	20.0	-6.7	50.0
2,2-Dichloropropane	Ave	0.3206	0.3039		19.0	20.0	-5.2	50.0
Cyclohexane	Ave	0.3747	0.2789		15.0	20.0	-25.6	50.0
Chlorobromomethane	Ave	0.1846	0.1844		20.0	20.0	0.1	50.0
Chloroform	Ave	0.4934	0.4638		19.0	20.0	-6.0	20.0
Carbon tetrachloride	Ave	0.4314	0.3948		18.0	20.0	-8.5	50.0
Ethyl acetate	Ave	0.0309	0.0295		38.0	40.0	-4.6	50.0
Tetrahydrofuran	LinF	0.1377	0.1226		18.0	20.0	-11.7	50.0
1,1,1-Trichloroethane	Ave	0.4085	0.3616		18.0	20.0	-11.5	50.0
1,1-Dichloropropene	Ave	0.3513	0.2946		17.0	20.0	-16.1	50.0
2-Butanone (MEK)	Ave	0.0466	0.0451		19.0	20.0	-3.3	50.0
n-Heptane	Ave	0.1192	0.1291		22.0	20.0	8.3	50.0
Benzene	Ave	1.380	1.248		18.0	20.0	-9.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: CCVIS 460-6470/2 Calibration Date: 05/14/2009 17:41

Instrument ID: VOAMS4 Calib Start Date: 04/27/2009 20:18

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/27/2009 22:44

Lab File ID: d09218.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.7995	0.7111		18.0	20.0	-11.1	50.0
1,2-Dichloroethane	Ave	0.3473	0.3365		19.0	20.0	-3.1	50.0
Isopropyl acetate	Ave	0.4973	0.4571		37.0	40.0	-8.1	50.0
Methylcyclohexane	Ave	0.3642	0.3390		19.0	20.0	-6.9	50.0
Trichloroethene	Ave	0.2957	0.2516		17.0	20.0	-14.9	50.0
Dibromomethane	Ave	0.1944	0.1858		19.0	20.0	-4.4	50.0
n-Butanol	Ave	0.0086	0.0076		1300	1500	-11.6	50.0
1,2-Dichloropropane	Ave	0.2773	0.2470		18.0	20.0	-10.9	20.0
Ethyl acrylate	Ave	0.3246	0.2968		18.0	20.0	-8.6	50.0
Dichlorobromomethane	Ave	0.3626	0.3428		19.0	20.0	-5.5	50.0
Methyl methacrylate	Ave	0.0762	0.0715		19.0	20.0	-6.2	50.0
1,4-Dioxane	Ave	0.0035	0.0036		3100	3000	3.1	50.0
n-Propyl acetate	Ave	0.3625	0.3243		36.0	40.0	-10.5	50.0
2-Chloroethyl vinyl ether	Ave	0.1632	0.1337		16.0	20.0	-18.0	50.0
cis-1,3-Dichloropropene	Ave	0.5306	0.4818		18.0	20.0	-9.2	50.0
Toluene	Ave	1.546	1.307		17.0	20.0	-15.5	20.0
Epichlorohydrin	Ave	0.0341	0.0315		370	400	-7.6	50.0
Tetrachloroethene	Ave	0.4427	0.3905		18.0	20.0	-11.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3598	0.3029		17.0	20.0	-15.8	50.0
trans-1,3-Dichloropropene	Ave	0.4813	0.4314		18.0	20.0	-10.4	50.0
1,1,2-Trichloroethane	Ave	0.2628	0.2457		19.0	20.0	-6.5	50.0
Chlorodibromomethane	Ave	0.3967	0.3739		19.0	20.0	-5.8	50.0
1,3-Dichloropropane	Ave	0.5362	0.4857		18.0	20.0	-9.4	50.0
Ethylene Dibromide	Ave	0.3471	0.3180		18.0	20.0	-8.4	50.0
n-Butyl acetate	Ave	0.0899	0.0776		35.0	40.0	-13.6	50.0
2-Hexanone	Ave	0.2258	0.2043		18.0	20.0	-9.5	50.0
Chlorobenzene	Ave	1.028	0.9100	0.3000	18.0	20.0	-11.4	50.0
Ethylbenzene	Ave	0.5186	0.4353		17.0	20.0	-16.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4292	0.4198		20.0	20.0	-2.2	50.0
m-Xylene & p-Xylene	Ave	0.6381	0.5422		34.0	40.0	-15.0	50.0
o-Xylene	Ave	0.6476	0.5562		17.0	20.0	-14.1	50.0
Bromoform	Ave	0.2993	0.2997	0.1000	20.0	20.0	0.1	50.0
Styrene	Ave	0.9731	0.8403		17.0	20.0	-13.6	50.0
n-Butyl acrylate	LinF	0.2297	0.2143		16.0	20.0	-22.0	50.0
Isopropylbenzene	Ave	1.576	1.369		17.0	20.0	-13.2	50.0
Camphene	Ave	0.4061	0.4916		24.0	20.0	21.1	50.0
Bromobenzene	Ave	0.8966	0.8033		18.0	20.0	-10.4	50.0
N-Propylbenzene	Ave	3.276	2.684		16.0	20.0	-18.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8594	0.7726	0.3000	18.0	20.0	-10.1	50.0
2-Chlorotoluene	Ave	2.114	1.687		16.0	20.0	-20.2	50.0
1,2,3-Trichloropropane	Ave	0.2774	0.2503		18.0	20.0	-9.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: CCVIS 460-6470/2 Calibration Date: 05/14/2009 17:41

Instrument ID: VOAMS4 Calib Start Date: 04/27/2009 20:18

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/27/2009 22:44

Lab File ID: d09218.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.517	2.094		17.0	20.0	-16.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1678	0.1411		17.0	20.0	-15.9	50.0
4-Chlorotoluene	Ave	2.028	1.670		16.0	20.0	-17.7	50.0
tert-Butylbenzene	Ave	2.148	1.764		16.0	20.0	-17.9	50.0
Butyl Methacrylate	LinF	0.8043	0.7325		15.0	20.0	-26.0	50.0
1,2,4-Trimethylbenzene	Ave	2.575	2.209		17.0	20.0	-14.2	50.0
sec-Butylbenzene	LinF	3.109	2.673		14.0	20.0	-29.3	50.0
4-Isopropyltoluene	QuaF	2.655	2.334		9.90	20.0	-50.6*	50.0
1,3-Dichlorobenzene	Ave	1.622	1.415		17.0	20.0	-12.7	50.0
1,4-Dichlorobenzene	Ave	1.657	1.468		18.0	20.0	-11.4	50.0
2-Octanone	LinF	1.030	0.8572		14.0	20.0	-32.1	50.0
Benzyl chloride	Ave	3.590	3.419		19.0	20.0	-4.8	50.0
n-Butylbenzene	Ave	3.590	3.419		19.0	20.0	-4.8	50.0
1,2-Dichlorobenzene	Ave	1.661	1.528		18.0	20.0	-8.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1709	0.1481		17.0	20.0	-13.3	50.0
Hexachlorobutadiene	Ave	0.4651	0.5681		24.0	20.0	22.2	50.0
1,2,4-Trichlorobenzene	Ave	1.308	1.239		19.0	20.0	-5.3	50.0
Camphor	QuaF	0.1140	0.0844		62.0	100	-37.6	50.0
Naphthalene	Ave	3.103	3.108		20.0	20.0	0.2	50.0
1,2,3-Trichlorobenzene	Ave	1.342	1.323		20.0	20.0	-1.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0404	0.0365		45.0	50.0	-9.6	50.0
Toluene-d8 (Surr)	Ave	1.045	0.8998		43.0	50.0	-13.9	50.0
4-Bromofluorobenzene	Ave	0.8628	0.7455		43.0	50.0	-13.6	50.0

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09218.d
Report Date: 18-May-2009 15:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09218.d
Lab Smp Id: CCVIS
Inj Date : 14-MAY-2009 17:41
Operator : Inst ID: VOAMS4.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/8260_09.m
Meth Date : 14-May-2009 18:22 eddie Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.363	1.363	(0.279)	85201	20.0000	21
3 Chloromethane	50	1.457	1.457	(0.298)	123873	20.0000	21
4 Vinyl Chloride	62	1.528	1.528	(0.313)	120664	20.0000	21
6 Bromomethane	94	1.769	1.769	(0.362)	90578	20.0000	21
5 Chloroethane	64	1.857	1.857	(0.380)	78066	20.0000	22
7 Trichlorofluoromethane	101	1.881	1.881	(0.385)	145874	20.0000	23
8 n-Pentane	72	1.881	1.881	(0.385)	7999	20.0000	14
10 Isoprene	67	2.093	2.093	(0.428)	85250	20.0000	17
11 Ethyl Ether	59	2.104	2.104	(0.431)	67429	20.0000	20
13 Acrolein	56	2.504	2.504	(0.512)	7245	40.0000	12
15 1,1-Dichloroethene	96	2.246	2.246	(0.460)	67428	20.0000	17
14 Freon TF	101	2.328	2.328	(0.476)	62606	20.0000	17
16 Acetone	58	2.728	2.728	(0.558)	6053	20.0000	11
17 Iodomethane	142	2.346	2.346	(0.480)	182430	20.0000	20
18 Carbon Disulfide	76	2.257	2.257	(0.462)	234275	20.0000	18
19 Isopropanol	45	2.651	2.651	(0.543)	915516	3000.00	3000

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09218.d
Report Date: 18-May-2009 15:03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.087	3.087	(0.632)	41284	400.000	340
	27 Methyl Acetate	74	2.816	2.816	(0.576)	29983	20.0000	17
	22 Methylene Chloride	84	2.675	2.675	(0.547)	93073	20.0000	19
	24 TBA	59	3.022	3.022	(0.618)	165472	400.000	340
	25 trans-1,2-Dichloroethene	96	2.787	2.787	(0.570)	78321	20.0000	18
	26 Acrylonitrile	53	3.322	3.322	(0.680)	32091	20.0000	18
	28 MTBE	73	2.893	2.893	(0.592)	238496	20.0000	19
	29 Hexane	56	2.846	2.846	(0.582)	49006	20.0000	19
	30 1,1-Dichloroethane	63	3.269	3.269	(0.669)	130707	20.0000	18
	32 DIPE	45	3.199	3.199	(0.655)	249533	20.0000	20
	35 t-Butyl-ethyl-ether	59	3.487	3.487	(0.714)	308256	20.0000	23
	37 2,2-Dichloropropane	77	3.810	3.810	(0.780)	93038	20.0000	19
	36 cis-1,2-Dichloroethene	96	3.722	3.722	(0.762)	93074	20.0000	19
	38 2-Butanone	72	4.251	4.251	(0.870)	13791	20.0000	19
	39 Ethyl Acetate	70	4.093	4.093	(0.838)	18056	40.0000	38
	40 Bromochloromethane	128	3.887	3.887	(0.795)	56461	20.0000	20
	41 Tetrahydrofuran	42	4.093	4.093	(0.838)	37538	20.0000	18
	42 Chloroform	83	3.963	3.963	(0.811)	141965	20.0000	19
	43 1,1,1-Trichloroethane	97	4.134	4.134	(0.846)	110697	20.0000	18
	44 Cyclohexane	56	3.875	3.875	(0.793)	85371	20.0000	15
	45 Carbon Tetrachloride	117	4.069	4.069	(0.833)	120868	20.0000	18
	46 1,1-Dichloropropene	75	4.245	4.245	(0.869)	90177	20.0000	17
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.610	(0.943)	27937	50.0000	45
	48 Benzene	78	4.475	4.475	(0.543)	297151	20.0000	18
	49 1,2-Dichloroethane	62	4.675	4.675	(0.957)	103005	20.0000	19
	51 n-Heptane	57	4.457	4.457	(0.912)	39506	20.0000	22
	50 t-Amyl-methyl-ether	73	4.616	4.616	(0.945)	217677	20.0000	18
	61 Isopropyl Acetate	43	4.975	4.975	(1.018)	279837	40.0000	37
*	52 Fluorobenzene	96	4.887	4.887	(1.000)	765309	50.0000	
	54 Trichloroethene	95	5.057	5.057	(1.035)	77027	20.0000	17
	53 n-Butanol	56	5.492	5.492	(1.124)	174961	1500.00	1300
	56 Methyl cyclohexane	83	5.040	5.040	(1.031)	103772	20.0000	19
	55 Ethyl Acrylate	55	5.681	5.681	(1.162)	90854	20.0000	18
	57 1,2-Dichloropropane	63	5.604	5.604	(1.147)	75624	20.0000	18
	58 Dibromomethane	93	5.492	5.492	(1.124)	56884	20.0000	19
	60 1,4-Dioxane	88	5.922	5.922	(1.212)	163247	3000.00	3100
	59 Methyl Methacrylate	100	5.910	5.910	(1.209)	21875	20.0000	19
	75 Propyl Acetate	43	6.087	6.087	(1.246)	198579	40.0000	36
	68 Bromodichloromethane	83	5.692	5.692	(1.165)	104946	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	6.387	6.387	(1.307)	40941	20.0000	16
	63 Epichlorohydrin	57	6.745	6.745	(0.819)	149970	400.000	370
	67 cis-1,3-Dichloropropene	75	6.422	6.422	(0.780)	114717	20.0000	18
	70 4-Methyl-2-Pentanone	43	7.181	7.181	(0.872)	72122	20.0000	17
$	65 Toluene-d8 (SUR)	98	6.645	6.645	(0.807)	535646	50.0000	43
	66 Toluene	91	6.704	6.704	(0.814)	311129	20.0000	17
	64 trans-1,3-Dichloropropene	75	7.198	7.198	(0.874)	102721	20.0000	18
	69 1,1,2-Trichloroethane	83	7.363	7.363	(0.894)	58513	20.0000	19

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09218.d
Report Date: 18-May-2009 15:03

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	71	Tetrachloroethene	166	7.122	7.122	(0.865)	92987	20.0000	18
	72	1,3-Dichloropropane	76	7.628	7.628	(0.926)	115657	20.0000	18
	73	2-Hexanone	43	8.028	8.028	(0.975)	48657	20.0000	18
	74	Dibromochloromethane	129	7.528	7.528	(0.914)	89034	20.0000	19
	76	Butyl Acetate	73	7.963	7.963	(0.967)	36977	40.0000	34
	77	1,2-Dibromoethane	107	7.734	7.734	(0.939)	75722	20.0000	18
*	78	Chlorobenzene-d5	117	8.233	8.233	(1.000)	595302	50.0000	
	79	Chlorobenzene	112	8.251	8.251	(1.002)	216690	20.0000	18
	80	1,1,1,2-Tetrachloroethane	131	8.322	8.322	(1.011)	99967	20.0000	20
	81	Ethylbenzene	106	8.298	8.298	(1.008)	103656	20.0000	17
	82	m+p-Xylene	106	8.433	8.433	(1.024)	258236	40.0000	34
	84	o-Xylene	106	8.804	8.804	(1.069)	132443	20.0000	17
	85	Styrene	104	8.851	8.851	(1.075)	200101	20.0000	17
	83	Butyl Acrylate	73	8.998	8.998	(1.093)	51025	20.0000	16
	86	Bromoform	173	8.851	8.851	(1.075)	71352	20.0000	20
	88	Isopropylbenzene	105	9.075	9.575	(1.102)	325921	20.0000	17(M)
$	89	Bromofluorobenzene (SUR)	174	9.286	9.286	(0.914)	258907	50.0000	43
	90	Camphene (total)	93	9.151	9.151	(1.111)	117062	20.0000	24
	91	Bromobenzene	156	9.357	9.357	(0.921)	111586	20.0000	18
	92	1,1,2,2-Tetrachloroethane	83	9.480	9.480	(0.933)	107330	20.0000	18
	93	1,2,3-Trichloropropane	110	9.569	9.569	(0.942)	34772	20.0000	18
	94	trans-1,4-Dichloro-2-butene	53	9.616	9.616	(0.947)	19598	20.0000	17
	95	n-Propylbenzene	91	9.410	9.410	(0.926)	372819	20.0000	16
	96	2-Chlorotoluene	91	9.516	9.516	(0.937)	234285	20.0000	16
	97	1,3,5-Trimethylbenzene	105	9.575	9.575	(0.943)	290904	20.0000	17
	98	4-Chlorotoluene	91	9.651	9.651	(0.950)	231968	20.0000	16
	99	Butyl Methacrylate	87	9.827	9.827	(0.968)	101751	20.0000	15
	100	tert-Butylbenzene	119	9.816	9.816	(0.966)	245080	20.0000	16
	101	1,2,4-Trimethylbenzene	105	9.869	9.869	(0.972)	306834	20.0000	17
	102	2-Octanone	43	10.274	10.274	(1.012)	119076	20.0000	14
	103	sec-Butylbenzene	105	9.951	9.951	(0.980)	371374	20.0000	14
	105	1,3-Dichlorobenzene	146	10.098	10.098	(0.994)	196553	20.0000	17
	107	p-Isopropyltoluene	119	10.069	10.069	(0.991)	324212	20.0000	9.9
*	108	1,4-Dichlorobenzene-d4	152	10.157	10.157	(1.000)	347289	50.0000	
	109	1,4-Dichlorobenzene	146	10.169	10.169	(1.001)	203960	20.0000	18
	110	Benzyl Chloride	91	10.380	10.380	(1.022)	474886	20.0000	19
	106	n-Butylbenzene	91	10.380	10.380	(1.022)	474886	20.0000	19
	111	1,2-Dichlorobenzene	146	10.480	10.480	(1.032)	212268	20.0000	18
	112	1,2-Dibromo-3-chloropropane	75	11.069	11.069	(1.090)	20576	20.0000	17
	113	Camphor	95	11.763	11.763	(1.158)	58640	100.000	62
	114	1,2,4-Trichlorobenzene	180	11.551	11.551	(1.137)	172078	20.0000	19
	115	Hexachlorobutadiene	225	11.533	11.533	(1.135)	78921	20.0000	24
	116	Naphthalene	128	11.786	11.786	(1.160)	431709	20.0000	20
	117	1,2,3-Trichlorobenzene	180	11.910	11.910	(1.173)	183721	20.0000	20
M	120	1,2-Dichloroethene (Total)	100				171395	40.0000	36
M	121	Xylene (Total)	100				390679	60.0000	51

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09218.d
Report Date: 18-May-2009 15:03

QC Flag Legend

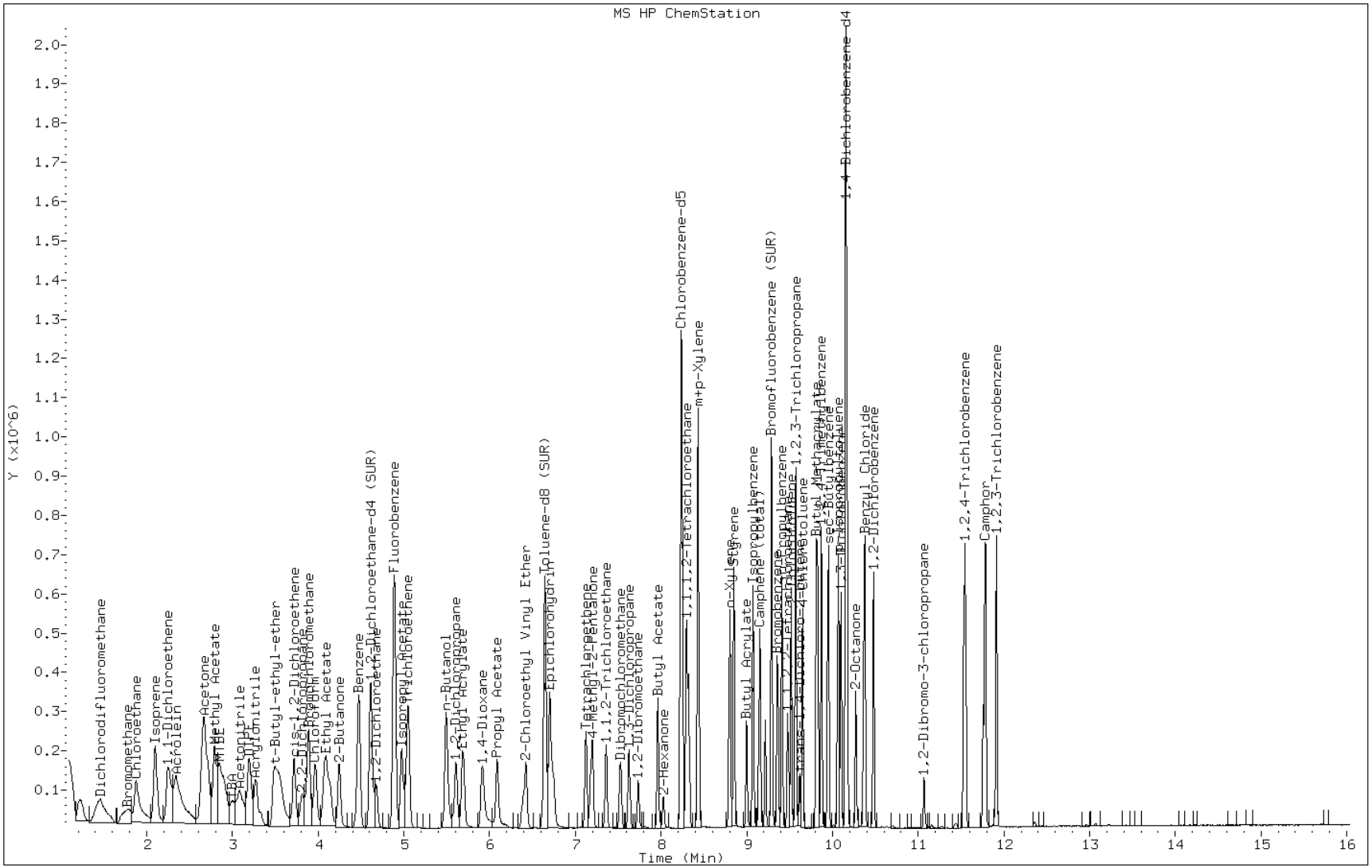
M - Compound response manually integrated.

Data File: d09218.d

Date: 14-MAY-2009 17:41

Client ID: Instrument: VOAMS4.i

Sample Info: CCVIS Operator:



Manual Integration Report

Data File: d09218.d
Inj. Date and Time: 14-MAY-2009 17:41
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/18/2009

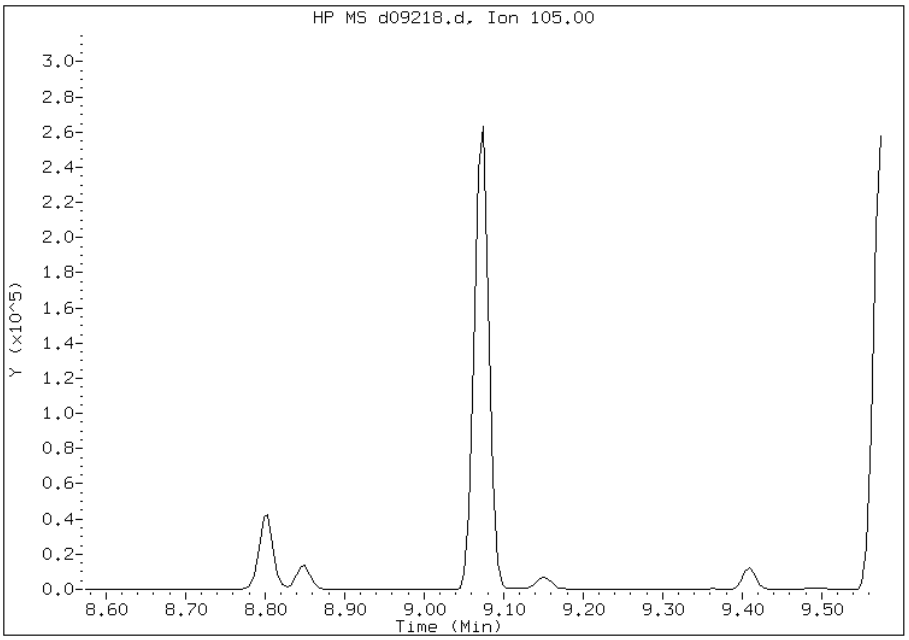
Processing Integration Results

RT: 9.57

Response: 290904

Amount: 16

Conc: 16



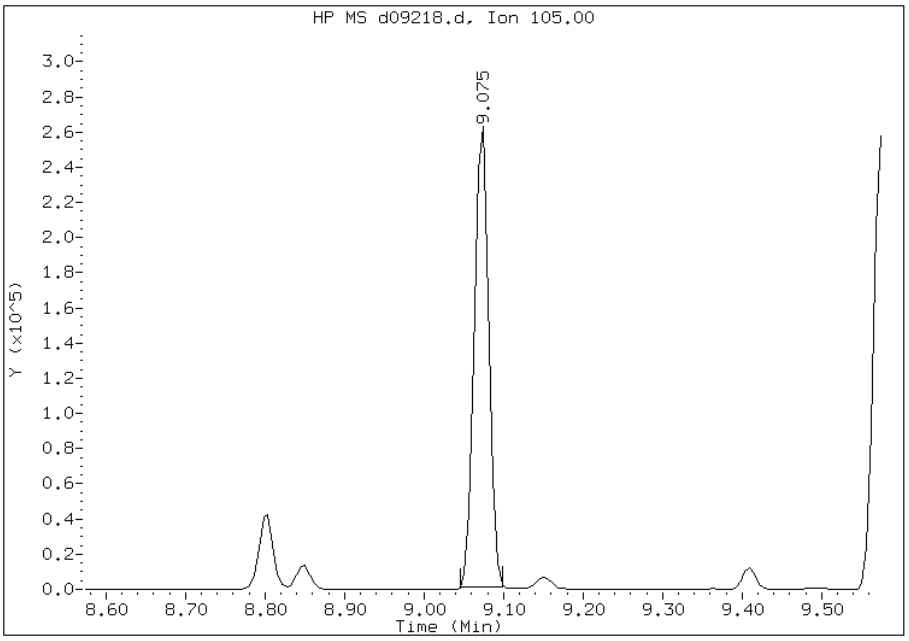
Manual Integration Results

RT: 9.07

Response: 325921

Amount: 17

Conc: 17



Manually Integrated By: pritch
Manual Integration Reason:

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08620.d
Report Date: 28-Apr-2009 16:45

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08620.d
Lab Smp Id: BFB
Inj Date : 27-APR-2009 18:44
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/VOABFB.m
Meth Date : 28-Apr-2009 16:44 haitmane Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.163	2.200 (0.000)	95	77792			0.00- 100.00	100.00
2.163	2.200 (0.000)	50	13655			15.00- 40.00	17.55
2.163	2.200 (0.000)	75	38944			30.00- 60.00	50.06
2.163	2.200 (0.000)	96	4890			5.00- 9.00	6.29
2.163	2.200 (0.000)	173	528			0.00- 2.00	0.84
2.163	2.200 (0.000)	174	62576			50.00- 100.00	80.44
2.163	2.200 (0.000)	175	4420			5.00- 9.00	7.06
2.163	2.200 (0.000)	176	59560			95.00- 101.00	95.18
2.163	2.200 (0.000)	177	3976			5.00- 9.00	6.68

Data File: d08620.d

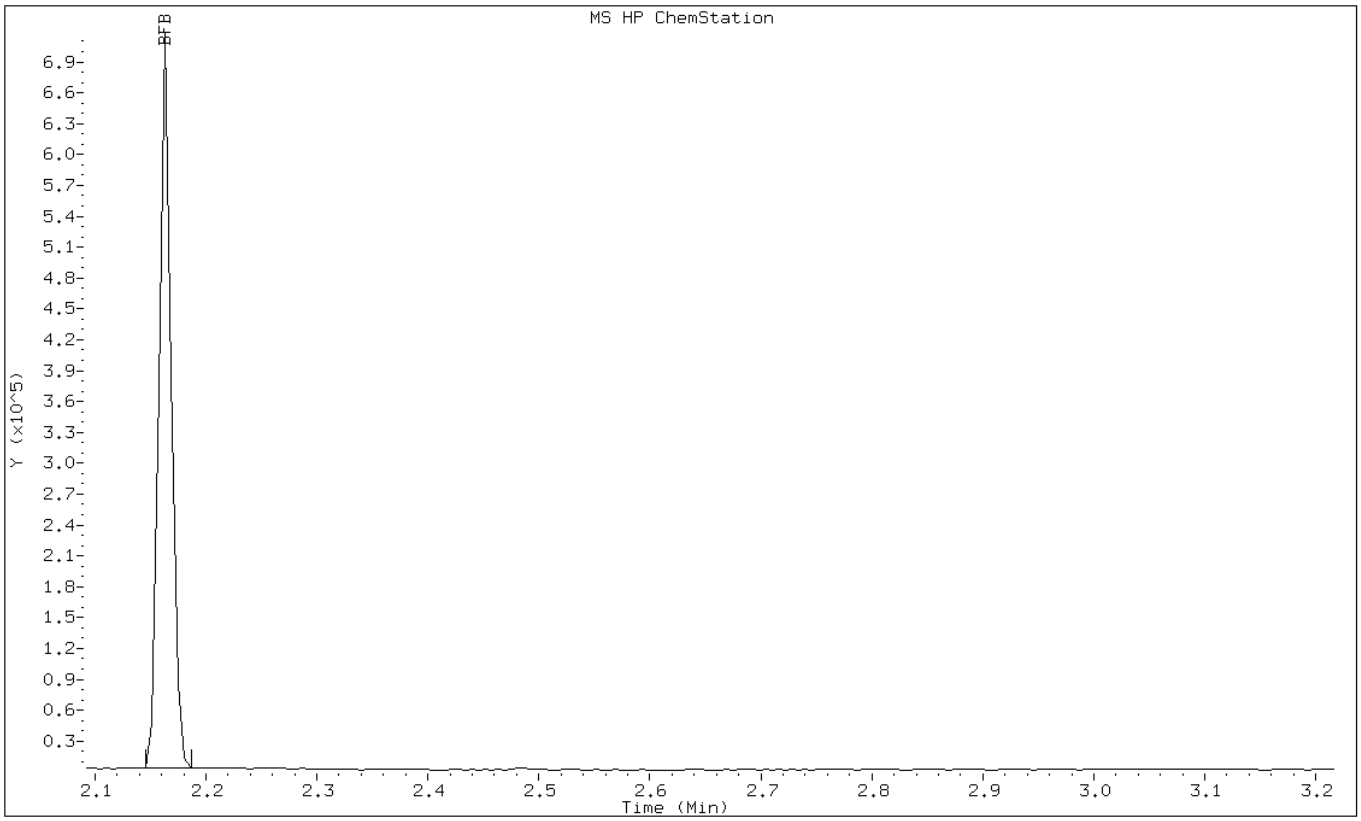
Date: 27-APR-2009 18:44

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



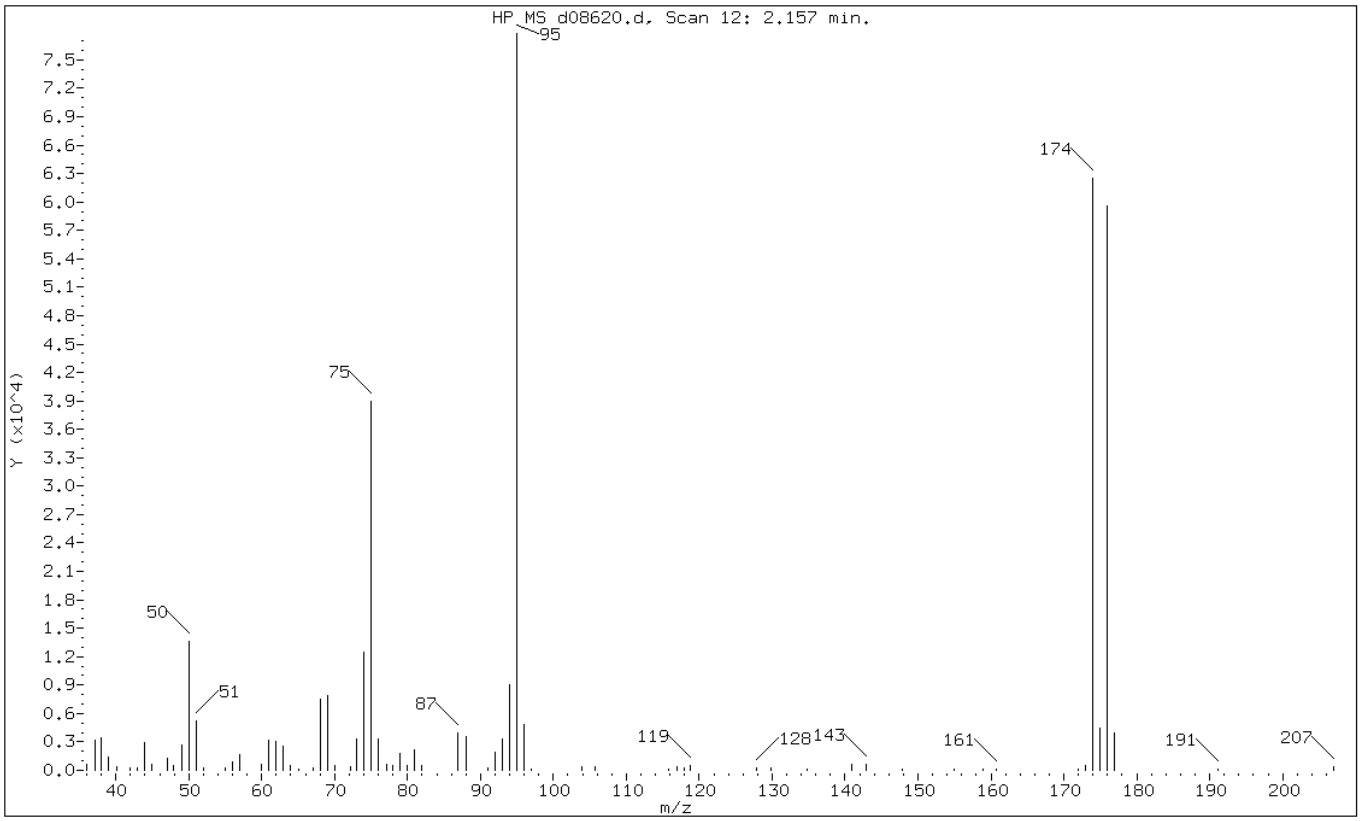
Data File: d08620.d

Date: 27-APR-2009 18:44

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.55
75	30.00 - 60.00% of mass 95	50.06
96	5.00 - 9.00% of mass 95	6.29
173	Less than 2.00% of mass 174	0.68 (0.84)
174	50.00 - 100.00% of mass 95	80.44
175	5.00 - 9.00% of mass 174	5.68 (7.06)
176	95.00 - 101.00% of mass 174	76.56 (95.18)
177	5.00 - 9.00% of mass 176	5.11 (6.68)

Data File: d08620.d

Date: 27-APR-2009 18:44

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/04-27-09/27arp09a.b/d08620.d
Spectrum: HP MS d08620.d, Scan 12: 2.157 min.
Location of Maximum: 95.00
Number of points: 71

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	685	60.00	689	79.90	477	127.80	301
37.10	3156	61.00	3225	80.90	2188	129.80	273
38.00	3501	62.00	3045	81.90	537	134.80	189
39.00	1413	63.00	2563	86.90	3953	140.90	651
40.10	324	64.00	498	88.00	3522	142.90	699
42.00	208	65.00	150	91.00	211	147.80	176
43.00	201	67.00	200	92.00	1892	154.90	153
44.00	2907	68.00	7524	93.00	3316	159.00	150
45.00	659	69.00	7856	94.00	8981	160.80	158
47.00	1293	70.00	474	95.00	77792	172.00	185
47.90	468	72.10	427	96.00	4890	173.00	528
49.00	2667	73.00	3249	97.00	153	173.90	62576
50.00	13655	74.00	12428	103.90	338	174.90	4420
51.00	5180	75.00	38944	105.80	349	175.90	59560
52.00	253	76.00	3266	115.80	182	176.90	3976
55.00	306	77.10	681	116.90	338	191.10	171
56.00	947	78.00	536	118.00	213	207.00	432
57.00	1619	78.90	1784	118.80	564		

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09189.d
Report Date: 14-May-2009 04:11

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09189.d
Lab Smp Id: BFB
Inj Date : 14-MAY-2009 04:14
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/VOABFB.m
Meth Date : 28-Apr-2009 16:44 haitmane Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

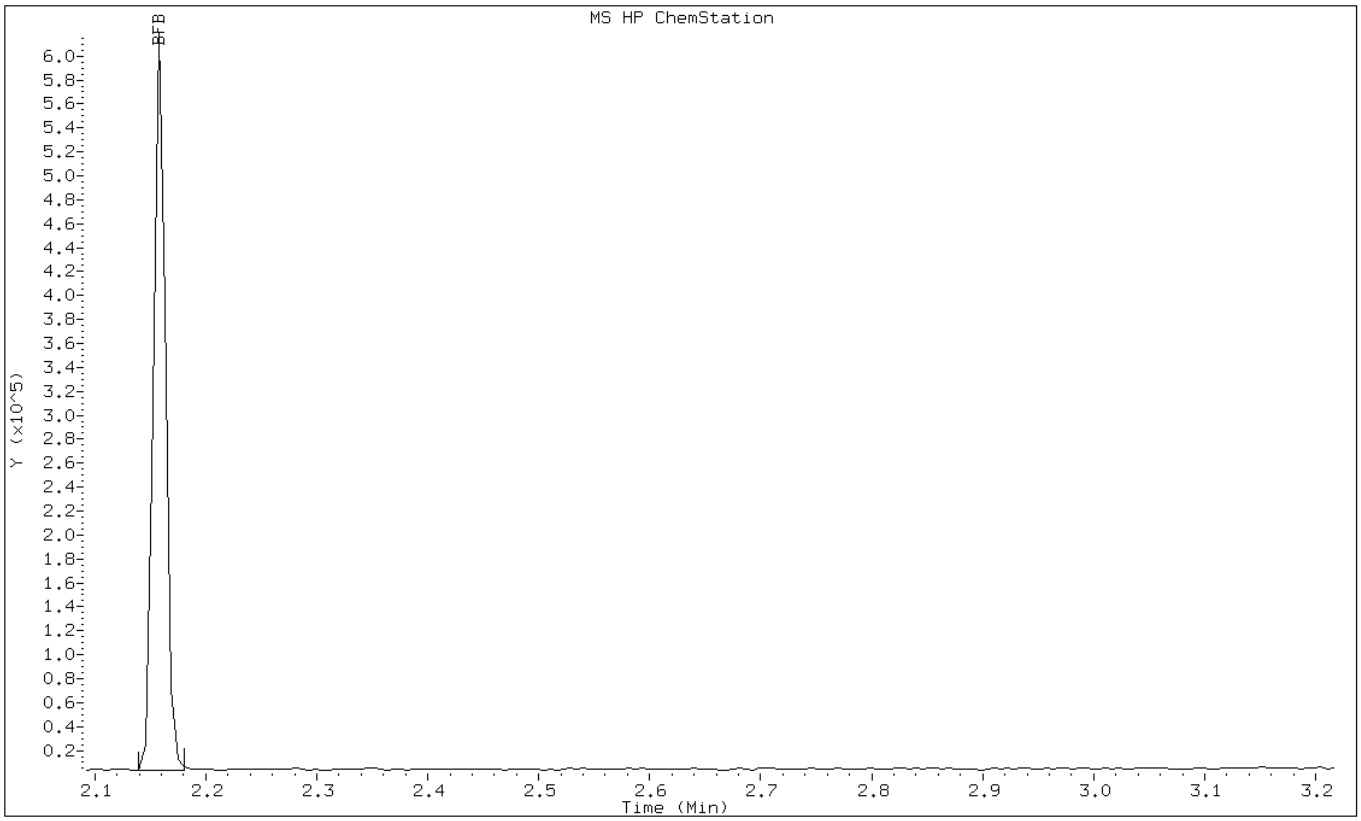
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.157	2.200 (0.000)	95	122600			0.00- 100.00	100.00
2.157	2.200 (0.000)	50	20616			15.00- 40.00	16.82
2.157	2.200 (0.000)	75	54208			30.00- 60.00	44.22
2.157	2.200 (0.000)	96	8458			5.00- 9.00	6.90
2.157	2.200 (0.000)	173	867			0.00- 2.00	0.71
2.157	2.200 (0.000)	174	122552			50.00- 100.00	99.96
2.157	2.200 (0.000)	175	8783			5.00- 9.00	7.17
2.157	2.200 (0.000)	176	120328			95.00- 101.00	98.19
2.157	2.200 (0.000)	177	7239			5.00- 9.00	6.02

Data File: d09189.d

Date: 14-MAY-2009 04:14

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



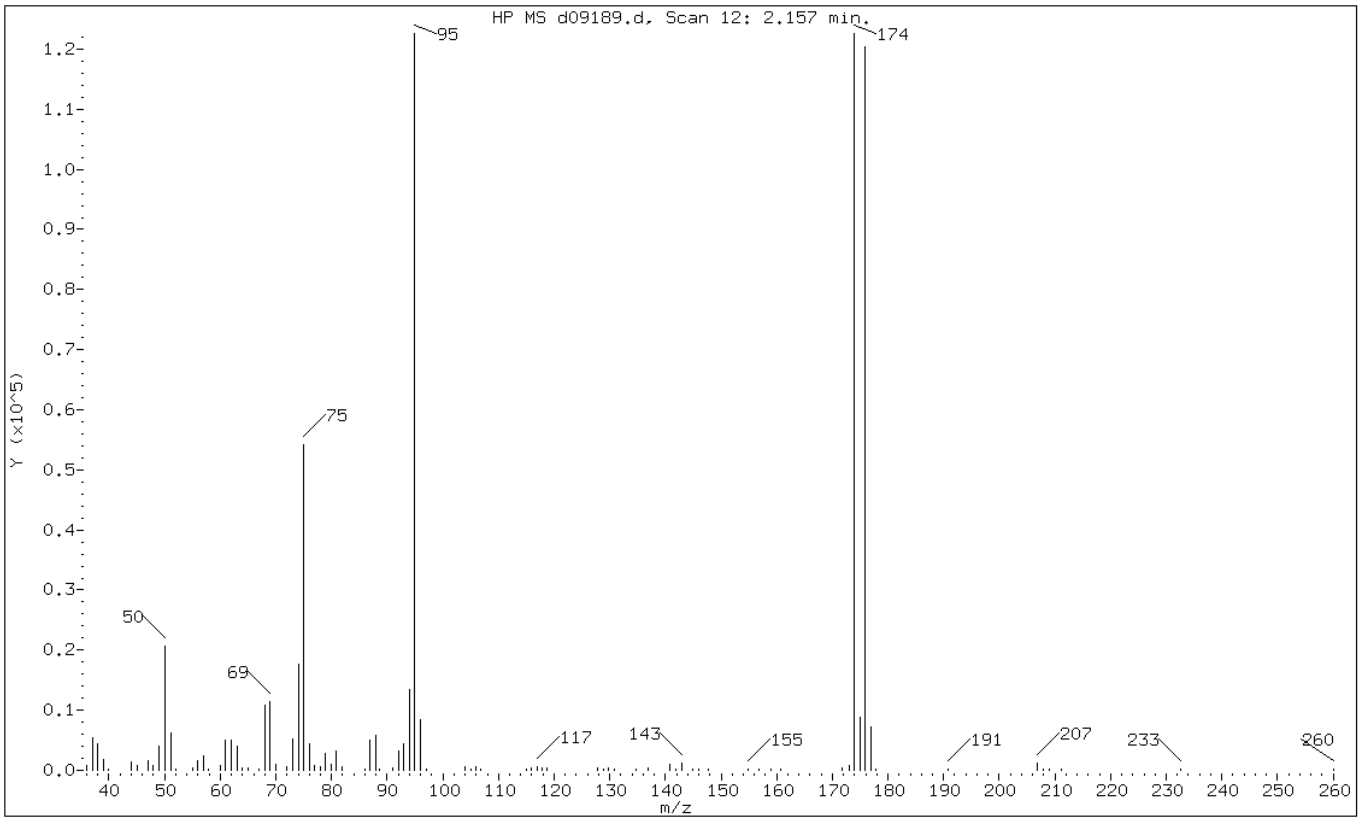
Data File: d09189.d

Date: 14-MAY-2009 04:14

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.82
75	30.00 - 60.00% of mass 95	44.22
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.71 (0.71)
174	50.00 - 100.00% of mass 95	99.96
175	5.00 - 9.00% of mass 174	7.16 (7.17)
176	95.00 - 101.00% of mass 174	98.15 (98.19)
177	5.00 - 9.00% of mass 176	5.90 (6.02)

Data File: d09189.d

Date: 14-MAY-2009 04:14

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09189.d
Spectrum: HP MS d09189.d, Scan 12: 2.157 min.
Location of Maximum: 95.00
Number of points: 88

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	873	67.00	260	95.00	122600	147.80	225
37.00	5353	68.00	10862	96.00	8458	154.80	237
38.00	4321	69.00	11444	97.00	236	156.90	228
39.00	1827	70.00	953	103.90	571	158.90	208
40.00	288	72.00	587	105.00	166	160.70	156
44.00	1326	73.00	5167	105.90	538	171.80	486
45.00	851	74.00	17560	106.80	196	173.00	867
47.00	1585	75.00	54208	115.00	152	173.90	122552
47.90	793	76.00	4332	115.90	406	174.90	8783
49.00	3960	76.90	717	116.90	663	175.90	120328
50.00	20616	77.90	603	117.90	375	176.90	7239
51.10	6272	78.90	2870	118.80	441	177.80	217
52.00	246	79.90	996	127.90	436	190.90	220
55.00	320	80.90	3260	128.90	234	206.90	1295
56.00	1508	81.90	518	129.80	472	207.90	207
57.00	2439	86.00	257	130.80	206	208.90	158
57.90	198	86.90	4972	134.80	289	211.10	211
60.00	773	88.00	5786	136.90	356	232.70	217
61.00	4960	88.70	153	140.90	990	260.10	295
62.00	4998	90.90	333	141.90	163		
63.00	3954	92.00	3296	142.90	1229		
64.00	358	93.00	4460	144.90	188		
65.00	318	94.00	13377	145.90	166		

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09217.d
Report Date: 14-May-2009 17:10

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09217.d
Lab Smp Id: BFB
Inj Date : 14-MAY-2009 17:01
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/VOABFB.m
Meth Date : 28-Apr-2009 16:44 haitmane Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

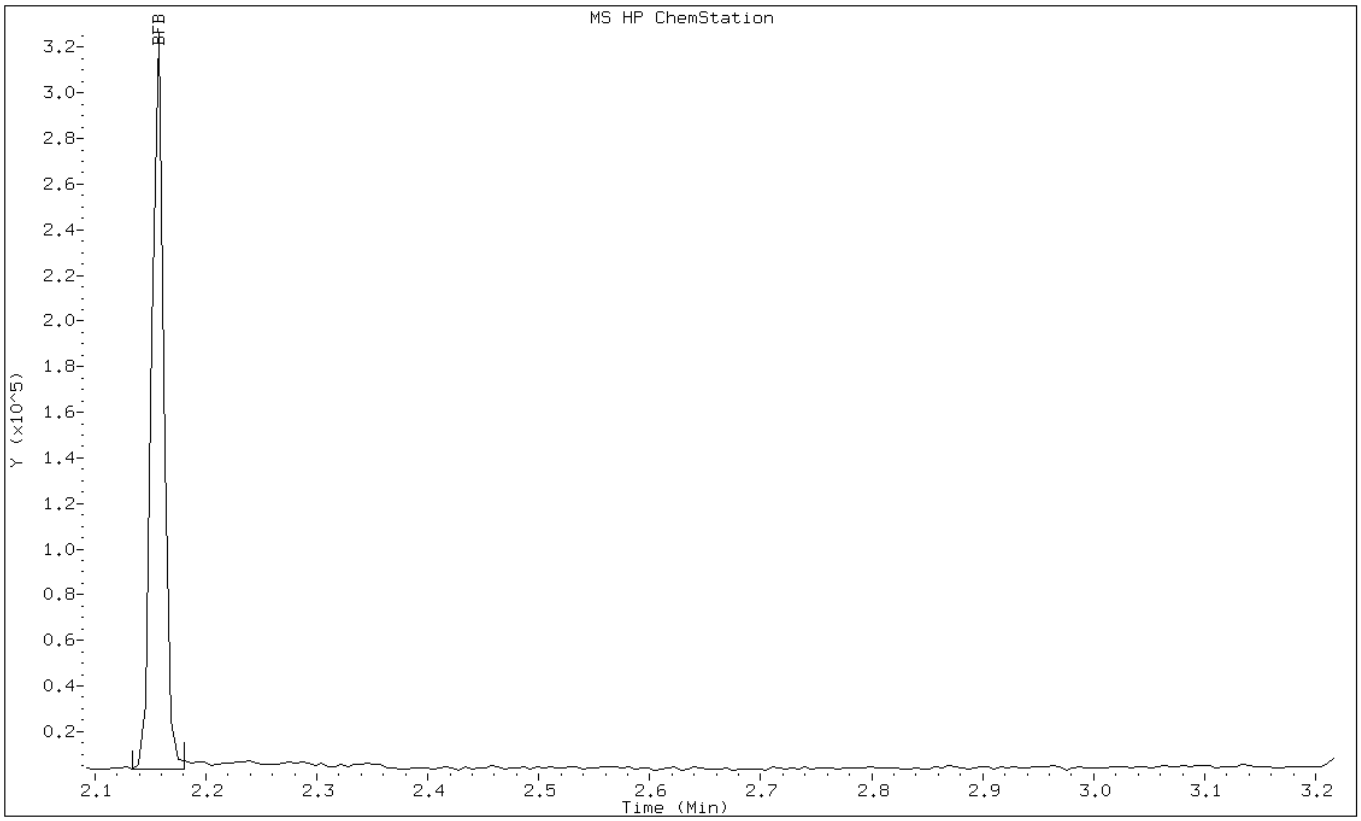
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.157	2.200 (0.000)	95	38848			0.00- 100.00	100.00
2.157	2.200 (0.000)	50	7069			15.00- 40.00	18.20
2.157	2.200 (0.000)	75	18040			30.00- 60.00	46.44
2.157	2.200 (0.000)	96	2999			5.00- 9.00	7.72
2.157	2.200 (0.000)	173	420			0.00- 2.00	1.21
2.157	2.200 (0.000)	174	34712			50.00- 100.00	89.35
2.157	2.200 (0.000)	175	2823			5.00- 9.00	8.13
2.157	2.200 (0.000)	176	34064			95.00- 101.00	98.13
2.157	2.200 (0.000)	177	2487			5.00- 9.00	7.30

Data File: d09217.d

Date: 14-MAY-2009 17:01

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



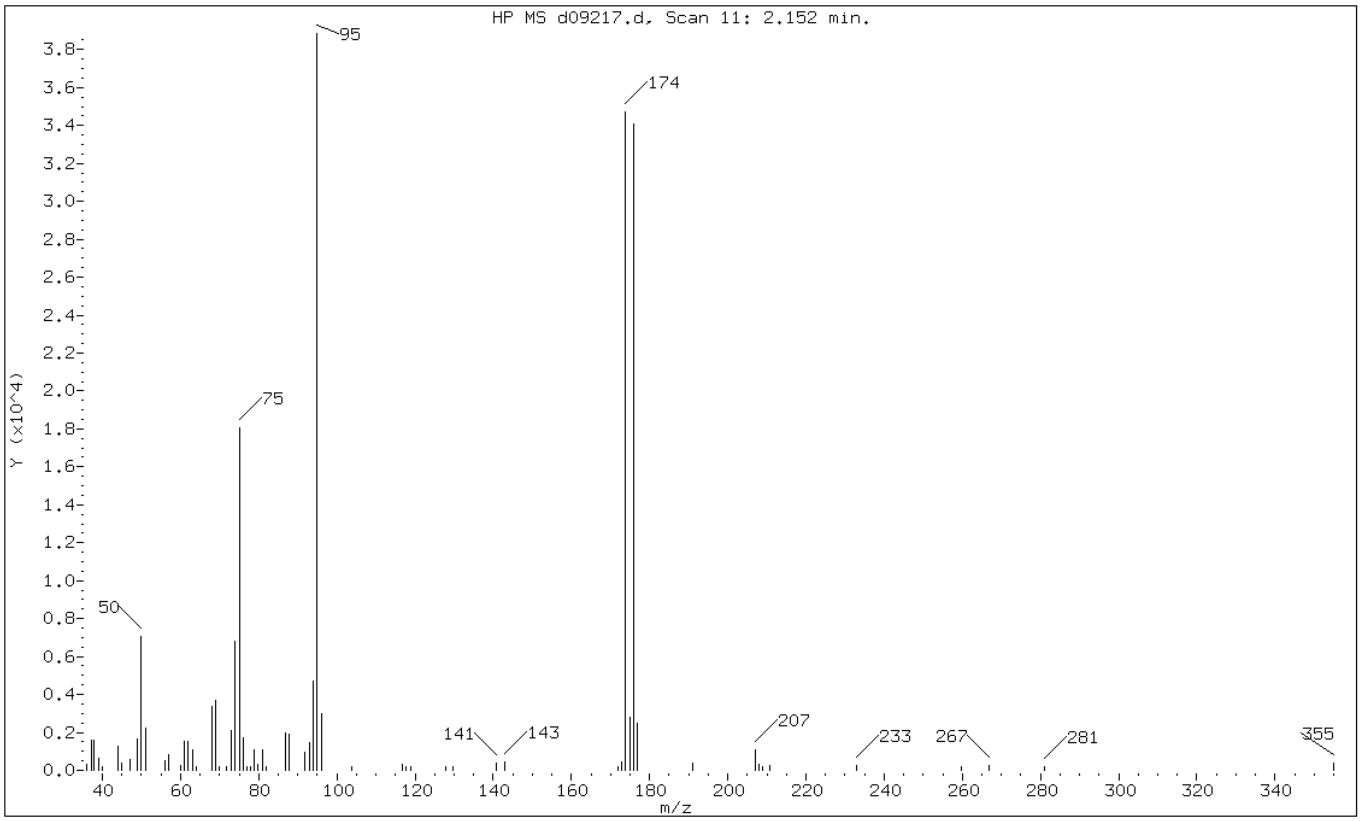
Data File: d09217.d

Date: 14-MAY-2009 17:01

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.20
75	30.00 - 60.00% of mass 95	46.44
96	5.00 - 9.00% of mass 95	7.72
173	Less than 2.00% of mass 174	1.08 (1.21)
174	50.00 - 100.00% of mass 95	89.35
175	5.00 - 9.00% of mass 174	7.27 (8.13)
176	95.00 - 101.00% of mass 174	87.69 (98.13)
177	5.00 - 9.00% of mass 176	6.40 (7.30)

Data File: d09217.d

Date: 14-MAY-2009 17:01

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09217.d
Spectrum: HP MS d09217.d, Scan 11: 2.152 min.
Location of Maximum: 95.00
Number of points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	345	63.00	1086	86.90	1963	172.90	420
37.10	1569	64.00	169	87.90	1921	173.90	34712
38.00	1603	68.00	3397	91.90	940	174.90	2823
39.00	642	69.00	3700	93.00	1433	175.90	34064
40.00	222	70.00	204	94.00	4721	176.90	2487
43.90	1279	71.80	159	95.00	38848	190.90	385
45.00	368	73.00	2085	96.00	2999	207.00	1065
47.00	572	74.00	6778	103.90	211	208.00	296
49.00	1641	75.00	18040	116.80	340	208.80	174
50.00	7069	76.00	1748	117.80	165	210.90	241
51.00	2224	77.10	200	118.80	173	233.00	231
56.00	536	77.80	180	127.90	172	259.90	197
56.90	818	78.90	1051	129.80	208	266.90	230
59.90	277	79.90	342	140.90	395	281.00	194
61.00	1496	80.90	1072	142.90	420	355.00	357
62.00	1545	81.80	165	171.80	186		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-6344/5

Matrix: Water Lab File ID: d09196.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 07:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-6344/5

Matrix: Water Lab File ID: d09196.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 07:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	56-125	
2037-26-5	Toluene-d8 (Surr)	83	72-127	
460-00-4	Bromofluorobenzene	85	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09196.d
Report Date: 14-May-2009 07:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09196.d
Lab Smp Id: MB
Inj Date : 14-MAY-2009 07:32
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 14-May-2009 05:31 audberto Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

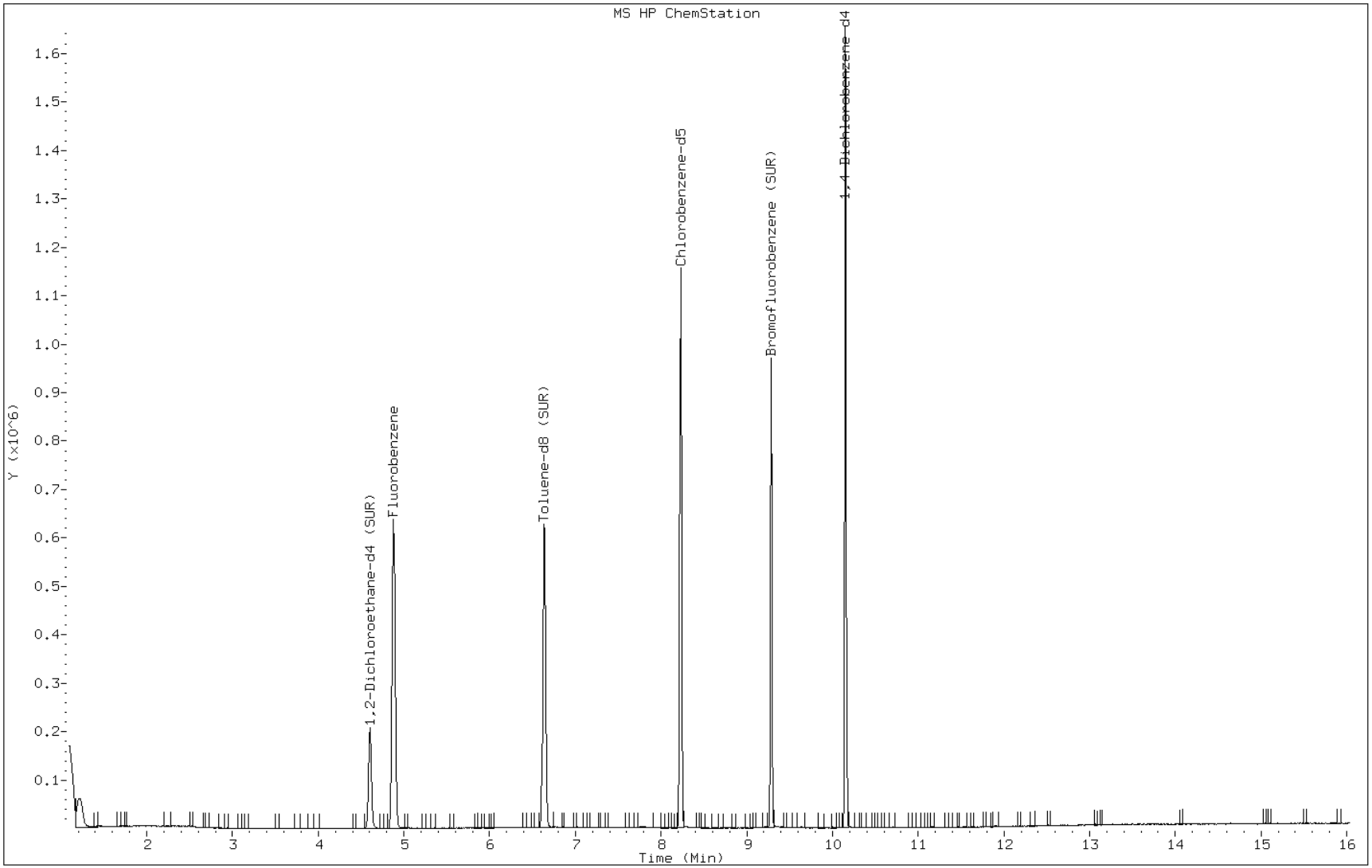
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.598	(0.945)	29146	46.2988	46
* 52 Fluorobenzene	96	4.881	4.881	(1.000)	779277	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.634	6.634	(0.806)	526187	41.6878	42
* 78 Chlorobenzene-d5	117	8.228	8.228	(1.000)	603746	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.286	9.280	(0.915)	252865	42.6255	43
* 108 1,4-Dichlorobenzene-d4	152	10.151	10.151	(1.000)	343774	50.0000	

Data File: d09196.d

Date: 14-MAY-2009 07:32

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-6470/4

Matrix: Water Lab File ID: d09222.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 19:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6470 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-6470/4

Matrix: Water Lab File ID: d09222.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 19:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6470 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	56-125	
2037-26-5	Toluene-d8 (Surr)	86	72-127	
460-00-4	Bromofluorobenzene	85	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09222.d
Report Date: 18-May-2009 15:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09222.d
Lab Smp Id: MB
Inj Date : 14-MAY-2009 19:37
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/8260_09.m
Meth Date : 14-May-2009 18:22 eddie Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

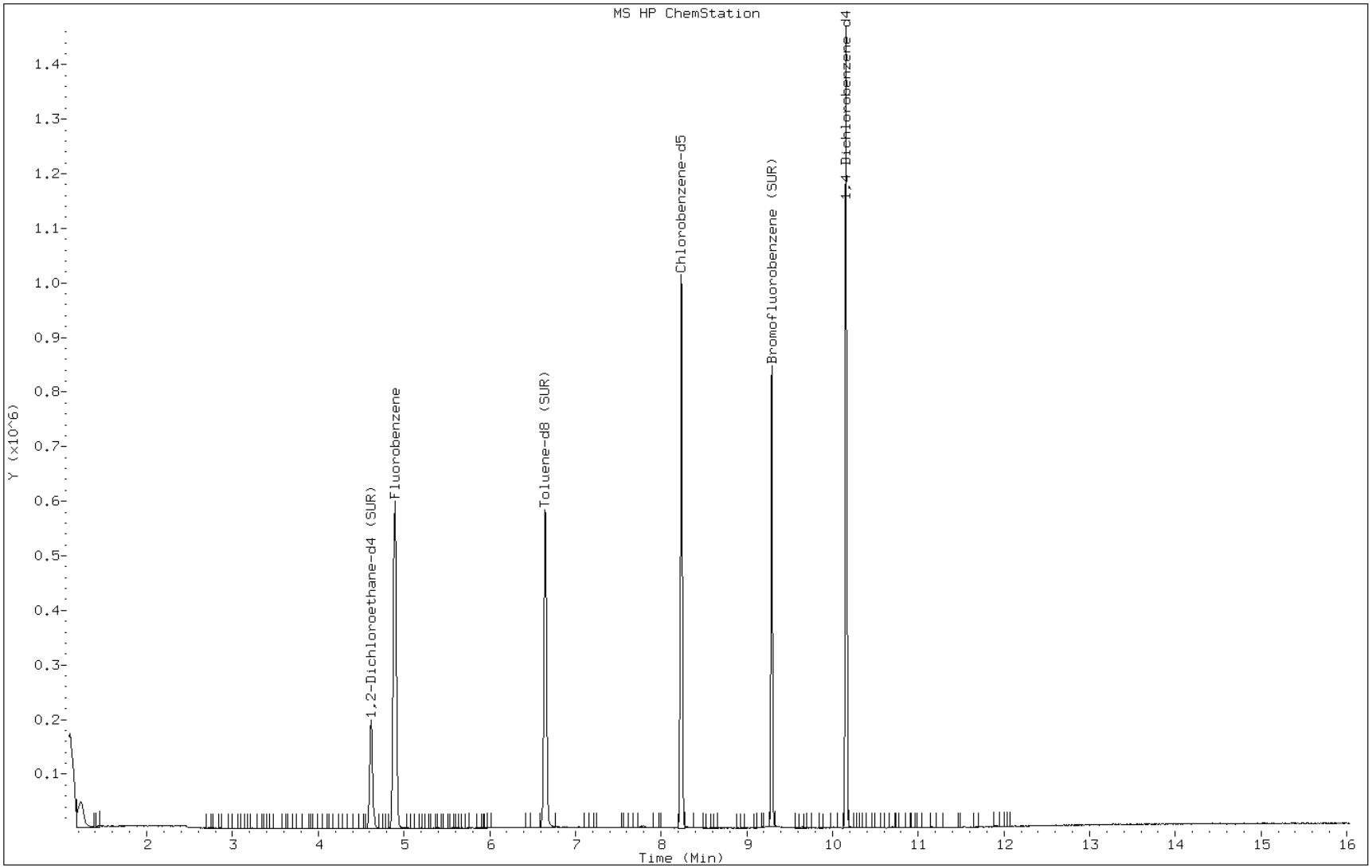
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.622	4.610	(0.945)	27628	46.9454	47
* 52 Fluorobenzene	96	4.892	4.887	(1.000)	728516	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.645	6.645	(0.807)	485281	42.9353	43
* 78 Chlorobenzene-d5	117	8.233	8.233	(1.000)	540633	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.292	9.286	(0.915)	222908	42.7136	43
* 108 1,4-Dichlorobenzene-d4	152	10.157	10.157	(1.000)	302422	50.0000	

Data File: d09222.d

Date: 14-MAY-2009 19:37

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-6344/3

Matrix: Water Lab File ID: d09192.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 05:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	17.9		1.0	0.29
74-87-3	Chloromethane	18.7		1.0	0.21
74-83-9	Bromomethane	17.6		1.0	0.31
75-01-4	Vinyl chloride	18.8		1.0	0.13
75-00-3	Chloroethane	19.3		1.0	0.45
75-69-4	Trichlorofluoromethane	22.5		1.0	0.16
76-13-1	Freon TF	18.5		1.0	0.28
75-09-2	Methylene Chloride	20.2		1.0	0.19
67-64-1	Acetone	10.5		10	2.5
75-15-0	Carbon disulfide	20.8		1.0	0.15
79-20-9	Methyl acetate	27.5		2.0	0.33
75-35-4	1,1-Dichloroethene	19.1		1.0	0.14
75-34-3	1,1-Dichloroethane	19.5		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	19.7		1.0	0.14
1634-04-4	MTBE	17.7		1.0	0.18
67-66-3	Chloroform	20.4		1.0	0.15
107-06-2	1,2-Dichloroethane	20.1		1.0	0.24
78-93-3	2-Butanone	21.0		10	0.82
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.25
110-82-7	Cyclohexane	20.7		1.0	0.13
56-23-5	Carbon tetrachloride	22.1		1.0	0.19
75-27-4	Bromodichloromethane	20.1		1.0	0.093
78-87-5	1,2-Dichloropropane	19.4		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.9		1.0	0.11
79-01-6	Trichloroethene	19.7		1.0	0.18
108-87-2	Methylcyclohexane	24.9		1.0	0.090
124-48-1	Dibromochloromethane	20.7		1.0	0.11
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.10
71-43-2	Benzene	20.1		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.12
75-25-2	Bromoform	21.2		1.0	0.10
98-82-8	Isopropylbenzene	23.6		1.0	0.21
108-10-1	4-Methyl-2-pentanone	18.8		10	0.68
591-78-6	2-Hexanone	18.1		10	0.55
127-18-4	Tetrachloroethene	21.9		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-6344/3

Matrix: Water Lab File ID: d09192.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 05:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.8		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.0	0.090
108-90-7	Chlorobenzene	19.9		1.0	0.16
100-41-4	Ethylbenzene	20.6		1.0	0.25
1330-20-7	Xylenes, Total	60.9		3.0	0.43
100-42-5	Styrene	19.2		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	19.5		1.0	0.15
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.22
106-46-7	1,4-Dichlorobenzene	20.5		1.0	0.15
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.44
106-93-4	1,2-Dibromoethane	19.7		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89	56-125	
2037-26-5	Toluene-d8 (Surr)	85	72-127	
460-00-4	Bromofluorobenzene	87	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09192.d
Report Date: 21-May-2009 15:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09192.d
Lab Smp Id: LCS
Inj Date : 14-MAY-2009 05:54
Operator : Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 21-May-2009 15:05 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.351	1.352	(0.277)	77052	17.9252	18
3 Chloromethane	50	1.457	1.434	(0.299)	119746	18.6748	19
4 Vinyl Chloride	62	1.522	1.522	(0.312)	118058	18.7586	19
6 Bromomethane	94	1.745	1.752	(0.358)	81061	17.6116	18
5 Chloroethane	64	1.840	1.846	(0.377)	75157	19.2622	19
7 Trichlorofluoromethane	101	1.893	1.869	(0.388)	152421	22.4847	22
8 n-Pentane	72	1.875	1.869	(0.384)	11897	18.7291	19
10 Isoprene	67	2.093	2.081	(0.429)	113980	20.7183	21
11 Ethyl Ether	59	2.110	2.099	(0.432)	68118	18.7112	19
13 Acrolein	56	2.493	2.487	(0.511)	33224	52.8253	53(R)
15 1,1-Dichloroethene	96	2.240	2.228	(0.459)	83317	19.0688	19
14 Freon TF	101	2.322	2.328	(0.476)	73908	18.5440	18(M)
16 Acetone	58	2.722	2.716	(0.558)	6246	10.5039	10(R)
17 Iodomethane	142	2.345	2.334	(0.481)	179923	18.7847	19
18 Carbon Disulfide	76	2.257	2.246	(0.462)	299354	20.8400	21
19 Isopropanol	45	2.651	2.640	(0.543)	1017889	3105.88	3100

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09192.d
Report Date: 21-May-2009 15:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	21 Acetonitrile	39	3.087	3.075	(0.632)	40894	312.680	310
	27 Methyl Acetate	74	2.822	2.810	(0.578)	51991	27.5495	28(R)
	22 Methylene Chloride	84	2.669	2.663	(0.547)	105465	20.2059	20
	24 TBA	59	2.998	2.987	(0.614)	184524	355.872	360
	25 trans-1,2-Dichloroethene	96	2.787	2.781	(0.571)	93674	19.7197	20
	26 Acrylonitrile	53	3.322	3.316	(0.681)	38639	19.8454	20
	28 MTBE	73	2.892	2.887	(0.593)	242256	17.6633	18
	29 Hexane	56	2.845	2.834	(0.583)	59363	20.9337	21
	30 1,1-Dichloroethane	63	3.269	3.263	(0.670)	150452	19.5004	20
	31 Vinyl Acetate	43	3.198	3.181	(0.655)	110744	16.7762	17(M)
	32 DIPE	45	3.187	3.187	(0.653)	285885	20.7560	21
	35 t-Butyl-ethyl-ether	59	3.481	3.481	(0.713)	347014	23.8916	24
	37 2,2-Dichloropropane	77	3.816	3.804	(0.782)	112383	21.2089	21
	36 cis-1,2-Dichloroethene	96	3.716	3.710	(0.761)	107655	19.9866	20
	38 2-Butanone	72	4.245	4.240	(0.870)	16164	21.0000	21
	39 Ethyl Acetate	70	4.087	4.087	(0.837)	20376	39.9047	40
	40 Bromochloromethane	128	3.887	3.875	(0.796)	62846	20.6029	21
	41 Tetrahydrofuran	42	4.092	4.087	(0.838)	40168	17.4982	17
	42 Chloroform	83	3.963	3.951	(0.812)	166514	20.4215	20
	43 1,1,1-Trichloroethane	97	4.128	4.128	(0.846)	140541	20.8178	21
	44 Cyclohexane	56	3.881	3.863	(0.795)	128289	20.7175	21
	45 Carbon Tetrachloride	117	4.069	4.057	(0.834)	157515	22.0944	22
	46 1,1-Dichloropropene	75	4.239	4.234	(0.869)	115904	19.9663	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.598	(0.945)	29672	44.4513	44
	48 Benzene	78	4.475	4.469	(0.544)	353359	20.1136	20
	49 1,2-Dichloroethane	62	4.675	4.669	(0.958)	115368	20.1017	20
	51 n-Heptane	57	4.451	4.451	(0.912)	53479	27.1556	27(R)
	50 t-Amyl-methyl-ether	73	4.610	4.604	(0.945)	245563	18.5858	18
	61 Isopropyl Acetate	43	4.969	4.969	(1.018)	322952	39.2920	39
*	52 Fluorobenzene	96	4.881	4.881	(1.000)	826313	50.0000	
	54 Trichloroethene	95	5.045	5.045	(1.034)	96280	19.7000	20
	53 n-Butanol	56	5.481	5.481	(1.123)	228333	1603.10	1600
	56 Methyl cyclohexane	83	5.028	5.022	(1.030)	149919	24.9101	25
	55 Ethyl Acrylate	55	5.675	5.675	(1.163)	99800	18.6036	19
	57 1,2-Dichloropropane	63	5.604	5.592	(1.148)	89113	19.4454	19
	58 Dibromomethane	93	5.486	5.481	(1.124)	65702	20.4472	20
	60 1,4-Dioxane	88	5.916	5.916	(1.212)	185253	3246.23	3200
	59 Methyl Methacrylate	100	5.898	5.904	(1.208)	24618	19.5443	20
	75 Propyl Acetate	43	6.080	6.081	(1.246)	231967	38.7258	39
	68 Bromodichloromethane	83	5.686	5.681	(1.165)	120574	20.1192	20
	62 2-Chloroethyl Vinyl Ether	63	6.380	6.375	(1.307)	46711	17.3204	17
	63 Epichlorohydrin	57	6.733	6.734	(0.818)	168645	388.816	390
	67 cis-1,3-Dichloropropene	75	6.416	6.416	(0.780)	134612	19.9264	20
	70 4-Methyl-2-Pentanone	43	7.175	7.175	(0.872)	86004	18.7713	19
$	65 Toluene-d8 (SUR)	98	6.633	6.634	(0.806)	566843	42.5892	42
	66 Toluene	91	6.692	6.692	(0.813)	389003	19.7568	20
	64 trans-1,3-Dichloropropene	75	7.192	7.192	(0.874)	118245	19.2968	19

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09192.d
Report Date: 21-May-2009 15:09

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	69	1,1,2-Trichloroethane	83	7.351	7.351	(0.893)	68803	20.5596	20
	71	Tetrachloroethene	166	7.116	7.116	(0.865)	123405	21.8926	22
	72	1,3-Dichloropropane	76	7.622	7.622	(0.926)	131236	19.2211	19
	73	2-Hexanone	43	8.016	8.016	(0.974)	52047	18.1025	18
	74	Dibromochloromethane	129	7.522	7.522	(0.914)	104726	20.7313	21
	76	Butyl Acetate	73	7.957	7.957	(0.967)	42250	36.9303	37
	77	1,2-Dibromoethane	107	7.727	7.728	(0.939)	86928	19.6665	20
*	78	Chlorobenzene-d5	117	8.227	8.228	(1.000)	636630	50.0000	
	79	Chlorobenzene	112	8.239	8.245	(1.001)	259829	19.8579	20
	80	1,1,1,2-Tetrachloroethane	131	8.316	8.316	(1.011)	113710	20.8070	21
	81	Ethylbenzene	106	8.292	8.292	(1.008)	135746	20.5560	20
	82	m+p-Xylene	106	8.427	8.428	(1.024)	331549	40.8086	41
	84	o-Xylene	106	8.792	8.798	(1.069)	165400	20.0582	20
	85	Styrene	104	8.845	8.845	(1.075)	237792	19.1927	19
	83	Butyl Acrylate	73	8.992	8.998	(1.093)	57817	16.5238	16
	86	Bromoform	173	8.845	8.845	(1.075)	80665	21.1678	21
	88	Isopropylbenzene	105	9.069	9.069	(1.102)	472983	23.5706	24(M)
$	89	Bromofluorobenzene (SUR)	174	9.280	9.280	(0.914)	264839	43.2748	43
	90	Camphene (total)	93	9.145	9.145	(1.112)	146480	28.3314	28(R)
	91	Bromobenzene	156	9.351	9.357	(0.921)	127660	20.0726	20
	92	1,1,2,2-Tetrachloroethane	83	9.474	9.475	(0.933)	124519	20.4277	20
	93	1,2,3-Trichloropropane	110	9.563	9.563	(0.942)	39331	19.9897	20
	94	trans-1,4-Dichloro-2-butene	53	9.610	9.610	(0.947)	23859	20.0462	20
	95	n-Propylbenzene	91	9.404	9.404	(0.926)	500570	21.5421	22
	96	2-Chlorotoluene	91	9.510	9.510	(0.937)	294901	19.6717	20
	97	1,3,5-Trimethylbenzene	105	9.569	9.569	(0.943)	381884	21.3905	21
	98	4-Chlorotoluene	91	9.645	9.645	(0.950)	289993	20.1565	20
	99	Butyl Methacrylate	87	9.821	9.822	(0.968)	114075	16.2512	16
	100	tert-Butylbenzene	119	9.810	9.810	(0.966)	337646	22.1605	22
	101	1,2,4-Trimethylbenzene	105	9.863	9.863	(0.972)	388139	21.2526	21
	102	2-Octanone	43	10.268	10.269	(1.012)	154159	17.2267	17
	103	sec-Butylbenzene	105	9.945	9.945	(0.980)	514271	19.1851	19
	105	1,3-Dichlorobenzene	146	10.092	10.092	(0.994)	236759	20.5836	20
	107	p-Isopropyltoluene	119	10.063	10.063	(0.991)	446675	13.4917	13(R)
*	108	1,4-Dichlorobenzene-d4	152	10.151	10.151	(1.000)	354651	50.0000	
	109	1,4-Dichlorobenzene	146	10.163	10.163	(1.001)	240599	20.4746	20
	110	Benzyl Chloride	91	10.374	10.374	(1.022)	578515	22.7184	23
	106	n-Butylbenzene	91	10.374	10.374	(1.022)	578515	22.7184	23
	111	1,2-Dichlorobenzene	146	10.474	10.474	(1.032)	241174	20.4710	20
	112	1,2-Dibromo-3-chloropropane	75	11.063	11.063	(1.090)	23617	19.4832	19
	113	Camphor	95	11.757	11.757	(1.158)	68273	71.1118	71
	114	1,2,4-Trichlorobenzene	180	11.545	11.545	(1.137)	206615	22.2729	22
	115	Hexachlorobutadiene	225	11.527	11.527	(1.136)	90787	27.5218	28(R)
	116	Naphthalene	128	11.780	11.780	(1.161)	498439	22.6487	23
	117	1,2,3-Trichlorobenzene	180	11.904	11.904	(1.173)	210738	22.1356	22
M	120	1,2-Dichloroethene (Total)	100				201329	39.7230	40
M	121	Xylene (Total)	100				496949	60.8634	61

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09192.d
Report Date: 21-May-2009 15:09

QC Flag Legend

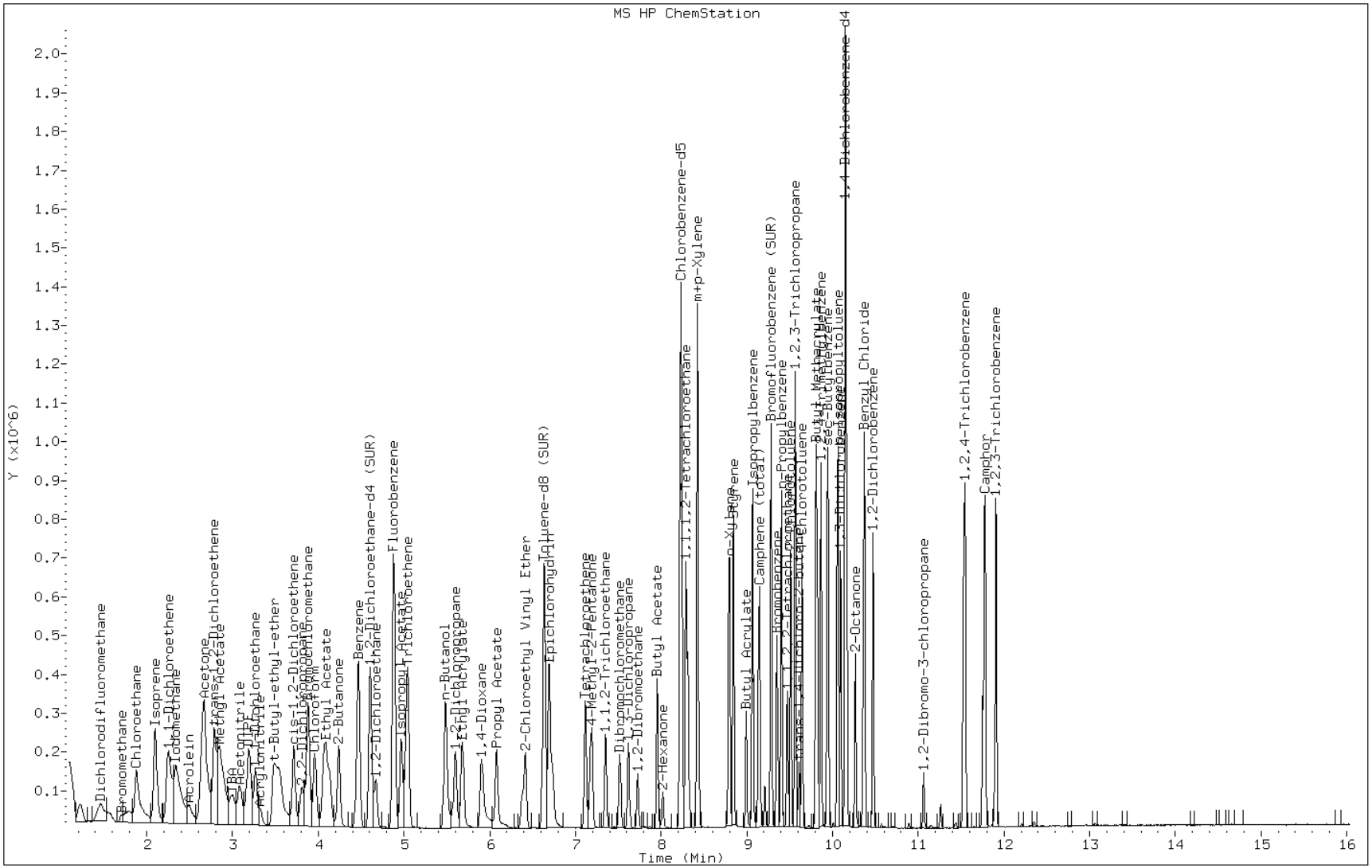
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: d09192.d

Date: 14-MAY-2009 05:54

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator:



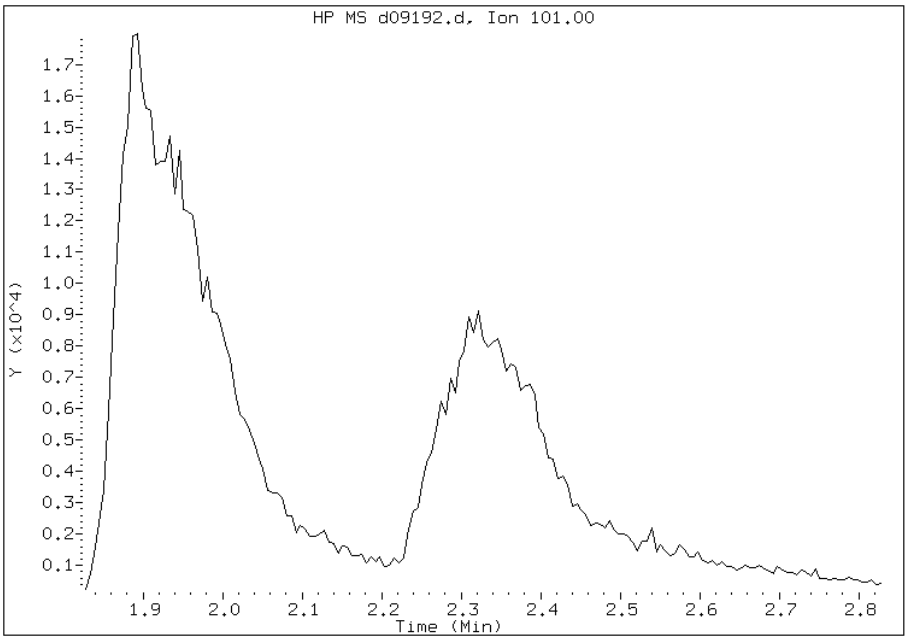
Manual Integration Report

Data File: d09192.d
Inj. Date and Time: 14-MAY-2009 05:54
Instrument ID: VOAMS4.i
Client ID:
Compound: 14 Freon TF
CAS #: 76-13-1
Report Date: 05/21/2009

Processing Integration Results

Not Detected

Expected RT: 2.33



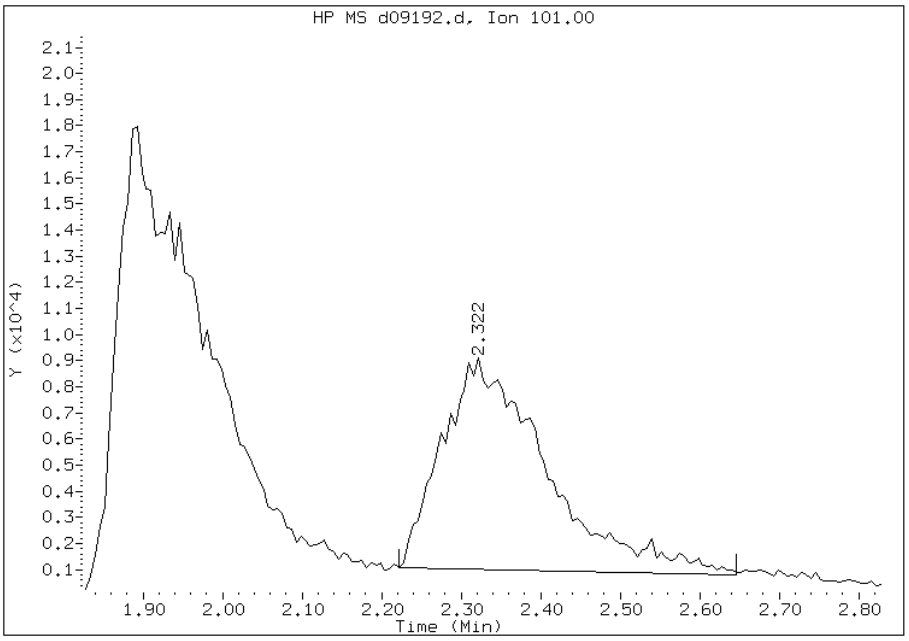
Manual Integration Results

RT: 2.32

Response: 73908

Amount: 19

Conc: 19



Manually Integrated By: vibha
Manual Integration Reason:

Manual Integration Report

Data File: d09192.d
Inj. Date and Time: 14-MAY-2009 05:54
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/21/2009

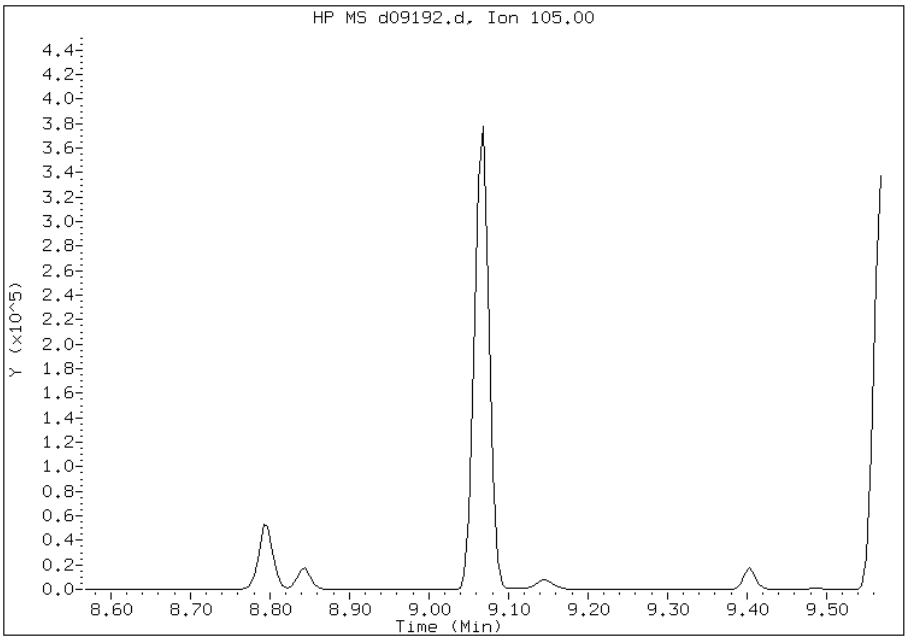
Processing Integration Results

RT: 9.57

Response: 381884

Amount: 19

Conc: 19



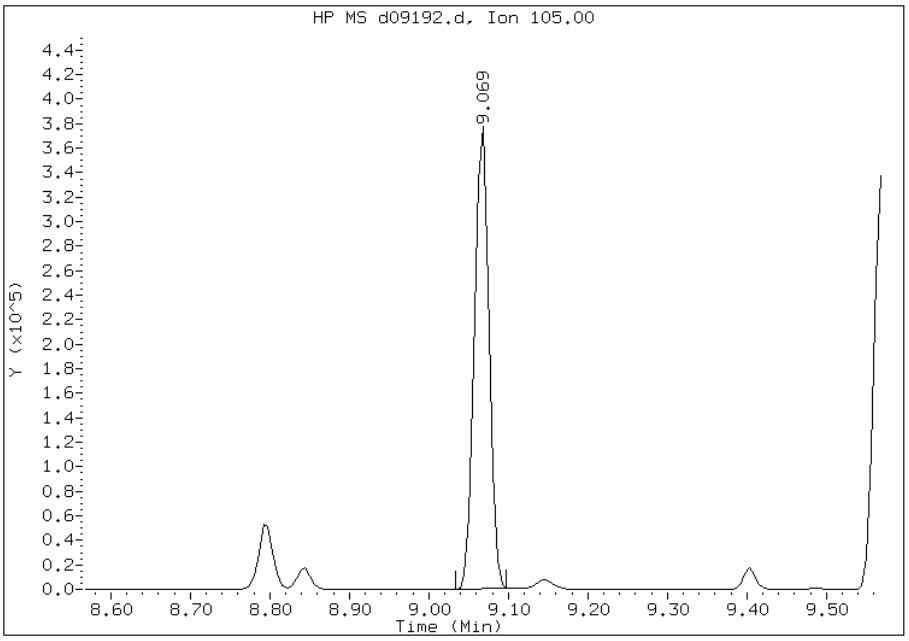
Manual Integration Results

RT: 9.07

Response: 472983

Amount: 24

Conc: 24



Manually Integrated By: vibha
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-6470/3

Matrix: Water Lab File ID: d09219.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 18:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6470 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	19.1		1.0	0.29
74-87-3	Chloromethane	21.2		1.0	0.21
74-83-9	Bromomethane	21.4		1.0	0.31
75-01-4	Vinyl chloride	20.2		1.0	0.13
75-00-3	Chloroethane	20.4		1.0	0.45
75-69-4	Trichlorofluoromethane	23.0		1.0	0.16
76-13-1	Freon TF	18.3		1.0	0.28
75-09-2	Methylene Chloride	19.1		1.0	0.19
67-64-1	Acetone	16.9		10	2.5
75-15-0	Carbon disulfide	18.0		1.0	0.15
79-20-9	Methyl acetate	17.5		2.0	0.33
75-35-4	1,1-Dichloroethene	16.4		1.0	0.14
75-34-3	1,1-Dichloroethane	17.8		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	17.4		1.0	0.14
1634-04-4	MTBE	19.0		1.0	0.18
67-66-3	Chloroform	18.2		1.0	0.15
107-06-2	1,2-Dichloroethane	19.2		1.0	0.24
78-93-3	2-Butanone	20.3		10	0.82
71-55-6	1,1,1-Trichloroethane	17.4		1.0	0.25
110-82-7	Cyclohexane	15.9		1.0	0.13
56-23-5	Carbon tetrachloride	18.0		1.0	0.19
75-27-4	Bromodichloromethane	18.5		1.0	0.093
78-87-5	1,2-Dichloropropane	17.5		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.1		1.0	0.11
79-01-6	Trichloroethene	17.2		1.0	0.18
108-87-2	Methylcyclohexane	20.7		1.0	0.090
124-48-1	Dibromochloromethane	18.8		1.0	0.11
79-00-5	1,1,2-Trichloroethane	19.0		1.0	0.10
71-43-2	Benzene	17.8		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	17.8		1.0	0.12
75-25-2	Bromoform	20.1		1.0	0.10
98-82-8	Isopropylbenzene	18.8		1.0	0.21
108-10-1	4-Methyl-2-pentanone	18.4		10	0.68
591-78-6	2-Hexanone	19.8		10	0.55
127-18-4	Tetrachloroethene	17.5		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-6470/3

Matrix: Water | Lab File ID: d09219.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/14/2009 18:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 6470 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	16.8		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.0	0.090
108-90-7	Chlorobenzene	17.9		1.0	0.16
100-41-4	Ethylbenzene	17.1		1.0	0.25
1330-20-7	Xylenes, Total	52.3		3.0	0.43
100-42-5	Styrene	17.2		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		1.0	0.15
541-73-1	1,3-Dichlorobenzene	18.4		1.0	0.22
106-46-7	1,4-Dichlorobenzene	18.4		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.6		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	19.7		1.0	0.44
106-93-4	1,2-Dibromoethane	18.4		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	56-125	
2037-26-5	Toluene-d8 (Surr)	87	72-127	
460-00-4	Bromofluorobenzene	88	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09219.d
Report Date: 18-May-2009 15:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09219.d
Lab Smp Id: LCS
Inj Date : 14-MAY-2009 18:06
Operator : Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/8260_09.m
Meth Date : 14-May-2009 18:22 eddie Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.369	1.363	(0.280)	74059	19.0658	19
3 Chloromethane	50	1.452	1.457	(0.297)	123022	21.2312	21
4 Vinyl Chloride	62	1.558	1.528	(0.318)	114871	20.1982	20
6 Bromomethane	94	1.769	1.769	(0.362)	89169	21.4386	21
5 Chloroethane	64	1.863	1.857	(0.381)	71945	20.4048	20
7 Trichlorofluoromethane	101	1.893	1.881	(0.387)	140667	22.9632	23
8 n-Pentane	72	1.887	1.881	(0.386)	9097	15.8479	16
10 Isoprene	67	2.099	2.093	(0.429)	90948	18.2942	18
11 Ethyl Ether	59	2.116	2.104	(0.433)	67229	20.4359	20
13 Acrolein	56	2.505	2.504	(0.512)	6860	12.0701	12(R)
15 1,1-Dichloroethene	96	2.252	2.246	(0.460)	64680	16.3816	16
14 Freon TF	101	2.322	2.328	(0.475)	65984	18.3209	18
16 Acetone	58	2.734	2.728	(0.559)	9037	16.9117	17
17 Iodomethane	142	2.352	2.346	(0.481)	180547	20.8595	21
18 Carbon Disulfide	76	2.269	2.257	(0.464)	234062	18.0318	18
19 Isopropanol	45	2.669	2.651	(0.546)	981510	3314.18	3300

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09219.d
Report Date: 18-May-2009 15:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	21 Acetonitrile	39	3.093	3.087	(0.632)	76354	646.053	650(R)
	27 Methyl Acetate	74	2.822	2.816	(0.577)	29819	17.4854	17
	22 Methylene Chloride	84	2.675	2.675	(0.547)	90202	19.1241	19
	24 TBA	59	3.016	3.022	(0.616)	184067	392.837	390
	25 trans-1,2-Dichloroethene	96	2.799	2.787	(0.572)	74743	17.4119	17
	26 Acrylonitrile	53	3.328	3.322	(0.680)	33377	18.9705	19
	28 MTBE	73	2.904	2.893	(0.594)	235693	19.0169	19
	29 Hexane	56	2.857	2.846	(0.584)	51079	19.9328	20
	30 1,1-Dichloroethane	63	3.281	3.269	(0.671)	124122	17.8029	18
	32 DIPE	45	3.199	3.199	(0.654)	252781	20.3092	20
	35 t-Butyl-ethyl-ether	59	3.493	3.487	(0.714)	308347	23.4927	23
	37 2,2-Dichloropropane	77	3.816	3.810	(0.780)	89922	18.7793	19
	36 cis-1,2-Dichloroethene	96	3.728	3.722	(0.762)	88622	18.2072	18
	38 2-Butanone	72	4.257	4.251	(0.870)	14097	20.2671	20
	39 Ethyl Acetate	70	4.099	4.093	(0.838)	18230	39.5082	40
	40 Bromochloromethane	128	3.899	3.887	(0.797)	54080	19.6193	20
	41 Tetrahydrofuran	42	4.104	4.093	(0.839)	37296	17.9793	18
	42 Chloroform	83	3.969	3.963	(0.811)	134188	18.2116	18
	43 1,1,1-Trichloroethane	97	4.140	4.134	(0.846)	106149	17.3998	17
	44 Cyclohexane	56	3.887	3.875	(0.794)	88777	15.8652	16
	45 Carbon Tetrachloride	117	4.075	4.069	(0.833)	115787	17.9728	18
	46 1,1-Dichloropropene	75	4.246	4.245	(0.868)	87012	16.5872	16
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.616	4.610	(0.943)	28562	47.3503	47
	48 Benzene	78	4.481	4.475	(0.544)	283428	17.8043	18
	49 1,2-Dichloroethane	62	4.687	4.675	(0.958)	99362	19.1586	19
	51 n-Heptane	57	4.469	4.457	(0.913)	39691	22.3030	22
	50 t-Amyl-methyl-ether	73	4.622	4.616	(0.945)	218603	18.3093	18
	61 Isopropyl Acetate	43	4.981	4.975	(1.018)	276686	37.2520	37
*	52 Fluorobenzene	96	4.893	4.887	(1.000)	746704	50.0000	
	54 Trichloroethene	95	5.063	5.057	(1.035)	76111	17.2335	17
	53 n-Butanol	56	5.493	5.492	(1.123)	220201	1710.83	1700
	56 Methyl cyclohexane	83	5.040	5.040	(1.030)	112431	20.6729	21
	55 Ethyl Acrylate	55	5.687	5.681	(1.162)	91449	18.8644	19
	57 1,2-Dichloropropane	63	5.610	5.604	(1.147)	72677	17.5497	18
	58 Dibromomethane	93	5.498	5.492	(1.124)	55318	19.0510	19
	60 1,4-Dioxane	88	5.928	5.922	(1.212)	179176	3474.48	3500
	59 Methyl Methacrylate	100	5.916	5.910	(1.209)	21833	19.1812	19
	75 Propyl Acetate	43	6.093	6.087	(1.245)	207447	38.3245	38
	68 Bromodichloromethane	83	5.698	5.692	(1.165)	100334	18.5268	18
	62 2-Chloroethyl Vinyl Ether	63	6.392	6.387	(1.307)	41768	17.1387	17
	63 Epichlorohydrin	57	6.745	6.745	(0.819)	153529	390.632	390
	67 cis-1,3-Dichloropropene	75	6.428	6.422	(0.781)	110711	18.0860	18
	70 4-Methyl-2-Pentanone	43	7.181	7.181	(0.872)	76190	18.3519	18
$	65 Toluene-d8 (SUR)	98	6.645	6.645	(0.807)	522422	43.3176	43
	66 Toluene	91	6.704	6.704	(0.814)	300367	16.8354	17
	64 trans-1,3-Dichloropropene	75	7.198	7.198	(0.874)	99015	17.8325	18
	69 1,1,2-Trichloroethane	83	7.363	7.363	(0.894)	57637	19.0071	19

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09219.d
Report Date: 18-May-2009 15:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	7.128	7.122	(0.866)	89543	17.5309	18
	72 1,3-Dichloropropane	76	7.628	7.628	(0.926)	111611	18.0401	18
	73 2-Hexanone	43	8.028	8.028	(0.975)	51579	19.7980	20
	74 Dibromochloromethane	129	7.528	7.528	(0.914)	85961	18.7793	19
	76 Butyl Acetate	73	7.963	7.963	(0.967)	38365	37.0082	37
	77 1,2-Dibromoethane	107	7.739	7.734	(0.940)	73758	18.4155	18
*	78 Chlorobenzene-d5	117	8.234	8.233	(1.000)	576873	50.0000	
	79 Chlorobenzene	112	8.251	8.251	(1.002)	212124	17.8913	18
	80 1,1,1,2-Tetrachloroethane	131	8.322	8.322	(1.011)	95165	19.2174	19
	81 Ethylbenzene	106	8.298	8.298	(1.008)	102552	17.1381	17
	82 m+p-Xylene	106	8.434	8.433	(1.024)	257509	34.9787	35
	84 o-Xylene	106	8.804	8.804	(1.069)	129774	17.3681	17
	85 Styrene	104	8.851	8.851	(1.075)	193525	17.2378	17
	83 Butyl Acrylate	73	9.004	8.998	(1.094)	50408	15.8987	16
	86 Bromoform	173	8.851	8.851	(1.075)	69310	20.0722	20
	88 Isopropylbenzene	105	9.075	9.075	(1.102)	340938	18.7503	19(M)
$	89 Bromofluorobenzene (SUR)	174	9.292	9.286	(0.915)	251331	43.9393	44
	90 Camphene (total)	93	9.151	9.151	(1.111)	121651	25.9664	26
	91 Bromobenzene	156	9.363	9.357	(0.922)	108411	18.2380	18
	92 1,1,2,2-Tetrachloroethane	83	9.481	9.480	(0.933)	107062	18.7920	19
	93 1,2,3-Trichloropropane	110	9.569	9.569	(0.942)	34962	19.0118	19
	94 trans-1,4-Dichloro-2-butene	53	9.616	9.616	(0.947)	19525	17.5520	18
	95 n-Propylbenzene	91	9.410	9.410	(0.926)	379873	17.4910	17
	96 2-Chlorotoluene	91	9.516	9.516	(0.937)	234221	16.7165	17
	97 1,3,5-Trimethylbenzene	105	9.575	9.575	(0.943)	290836	17.4298	17
	98 4-Chlorotoluene	91	9.651	9.651	(0.950)	226420	16.8383	17
	99 Butyl Methacrylate	87	9.828	9.827	(0.968)	99688	15.1947	15
	100 tert-Butylbenzene	119	9.816	9.816	(0.966)	250680	17.6032	18
	101 1,2,4-Trimethylbenzene	105	9.869	9.869	(0.972)	309186	18.1134	18
	102 2-Octanone	43	10.275	10.274	(1.012)	121977	14.5836	14
	103 sec-Butylbenzene	105	9.951	9.951	(0.980)	374909	14.9642	15
	105 1,3-Dichlorobenzene	146	10.098	10.098	(0.994)	198126	18.4294	18
	107 p-Isopropyltoluene	119	10.069	10.069	(0.991)	326548	10.4396	10(R)
*	108 1,4-Dichlorobenzene-d4	152	10.157	10.157	(1.000)	331472	50.0000	
	109 1,4-Dichlorobenzene	146	10.169	10.169	(1.001)	201750	18.3692	18
	110 Benzyl Chloride	91	10.380	10.380	(1.022)	471626	19.8159	20
	106 n-Butylbenzene	91	10.380	10.380	(1.022)	471626	19.8159	20
	111 1,2-Dichlorobenzene	146	10.480	10.480	(1.032)	205070	18.6236	19
	112 1,2-Dibromo-3-chloropropane	75	11.069	11.069	(1.090)	21090	18.6152	19
	113 Camphor	95	11.763	11.763	(1.158)	62355	69.4967	69(R)
	114 1,2,4-Trichlorobenzene	180	11.551	11.551	(1.137)	170989	19.7213	20
	115 Hexachlorobutadiene	225	11.533	11.533	(1.135)	71670	23.2458	23
	116 Naphthalene	128	11.786	11.786	(1.160)	437532	21.2714	21
	117 1,2,3-Trichlorobenzene	180	11.910	11.910	(1.173)	181277	20.3725	20
M	120 1,2-Dichloroethene (Total)	100				163365	35.6690	36
M	121 Xylene (Total)	100				387283	52.3456	52

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09219.d
Report Date: 18-May-2009 15:10

QC Flag Legend

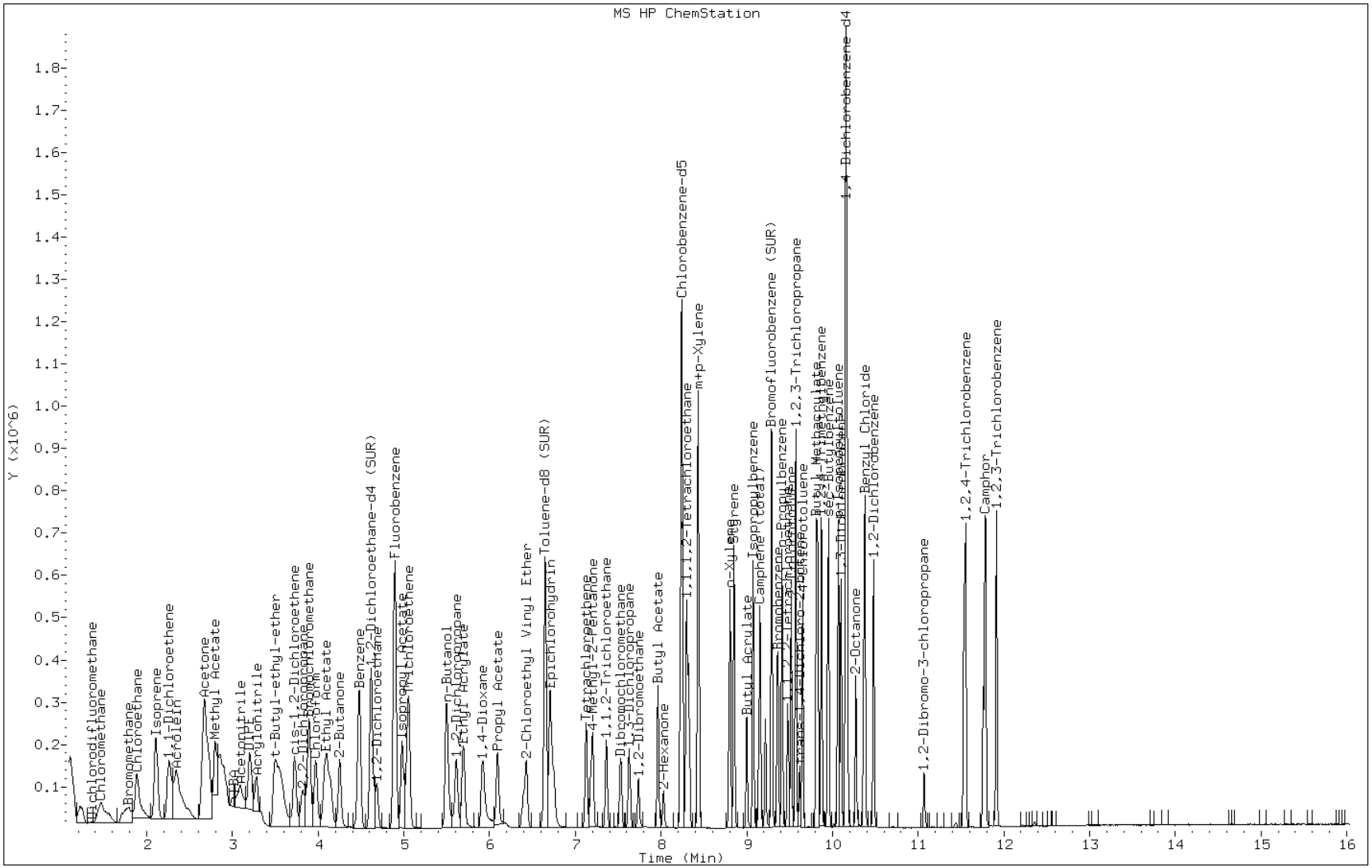
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: d09219.d

Date: 14-MAY-2009 18:06

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator:



Manual Integration Report

Data File: d09219.d
Inj. Date and Time: 14-MAY-2009 18:06
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/18/2009

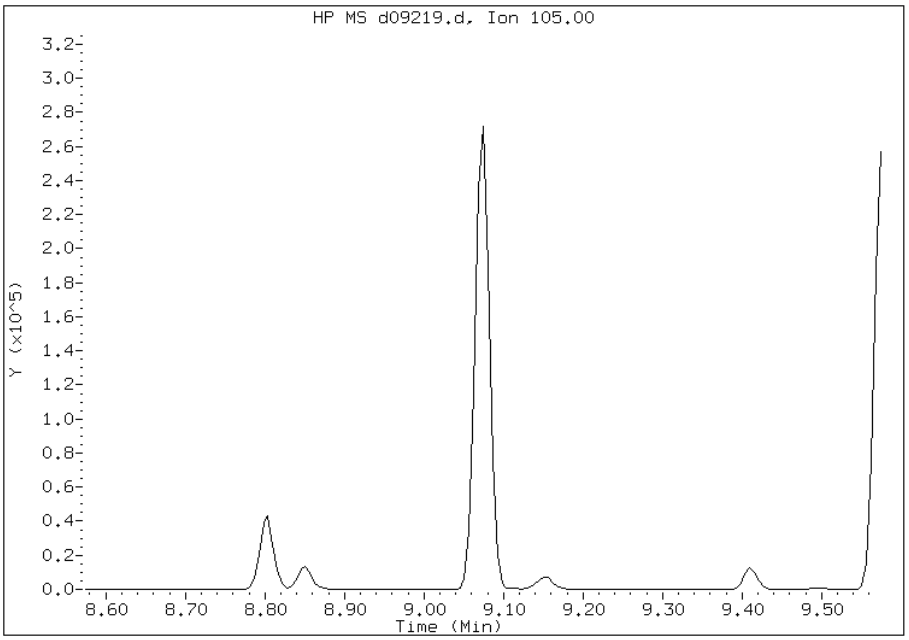
Processing Integration Results

RT: 9.57

Response: 290836

Amount: 16

Conc: 16



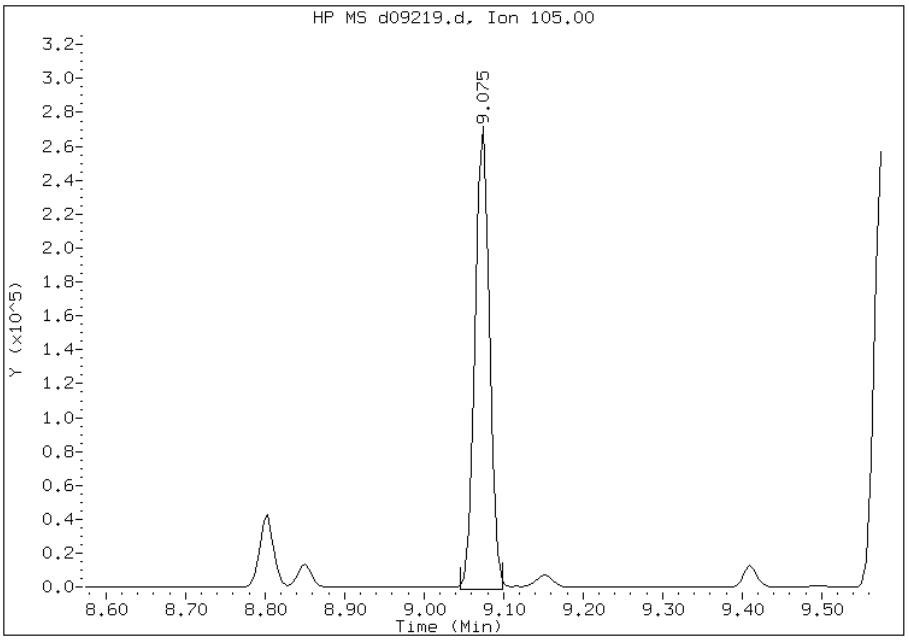
Manual Integration Results

RT: 9.07

Response: 340938

Amount: 19

Conc: 19



Manually Integrated By: pritch
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1 MS

Matrix: Water Lab File ID: d09204.d

Analysis Method: 8260B Date Collected: 05/08/2009 10:20

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 10:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	17.2		1.0	0.29
74-87-3	Chloromethane	17.0		1.0	0.21
74-83-9	Bromomethane	17.1		1.0	0.31
75-01-4	Vinyl chloride	18.5		1.0	0.13
75-00-3	Chloroethane	18.5		1.0	0.45
75-69-4	Trichlorofluoromethane	26.2		1.0	0.16
76-13-1	Freon TF	15.1		1.0	0.28
75-09-2	Methylene Chloride	19.6		1.0	0.19
67-64-1	Acetone	18.9		10	2.5
75-15-0	Carbon disulfide	19.5		1.0	0.15
79-20-9	Methyl acetate	19.2		2.0	0.33
75-35-4	1,1-Dichloroethene	15.5		1.0	0.14
75-34-3	1,1-Dichloroethane	19.6		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.7		1.0	0.14
1634-04-4	MTBE	19.8		1.0	0.18
67-66-3	Chloroform	19.9		1.0	0.15
107-06-2	1,2-Dichloroethane	19.7		1.0	0.24
78-93-3	2-Butanone	21.1		10	0.82
71-55-6	1,1,1-Trichloroethane	19.3		1.0	0.25
110-82-7	Cyclohexane	20.0		1.0	0.13
56-23-5	Carbon tetrachloride	20.2		1.0	0.19
75-27-4	Bromodichloromethane	20.0		1.0	0.093
78-87-5	1,2-Dichloropropane	19.7		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.11
79-01-6	Trichloroethene	18.9		1.0	0.18
108-87-2	Methylcyclohexane	23.0		1.0	0.090
124-48-1	Dibromochloromethane	19.8		1.0	0.11
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.10
71-43-2	Benzene	19.3		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.12
75-25-2	Bromoform	21.4		1.0	0.10
98-82-8	Isopropylbenzene	22.5		1.0	0.21
108-10-1	4-Methyl-2-pentanone	20.3		10	0.68
591-78-6	2-Hexanone	19.0		10	0.55
127-18-4	Tetrachloroethene	20.2		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 | Lab Sample ID: 460-1570-1 MS

Matrix: Water | Lab File ID: d09204.d

Analysis Method: 8260B | Date Collected: 05/08/2009 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/14/2009 10:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 6344 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.5		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.090
108-90-7	Chlorobenzene	19.5		1.0	0.16
100-41-4	Ethylbenzene	19.5		1.0	0.25
1330-20-7	Xylenes, Total	60.1		3.0	0.43
100-42-5	Styrene	19.2		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.7		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	21.1		1.0	0.44
106-93-4	1,2-Dibromoethane	19.7		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91	56-125	
2037-26-5	Toluene-d8 (Surr)	85	72-127	
460-00-4	Bromofluorobenzene	87	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09204.d
Report Date: 21-May-2009 15:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09204.d
Lab Smp Id: 460-1570-d-1ms
Inj Date : 14-MAY-2009 10:47
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1570-d-1ms
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 21-May-2009 15:05 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 15 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.363	1.352	(0.279)	83488	17.1807	17
3 Chloromethane	50	1.457	1.434	(0.298)	123554	17.0447	17
4 Vinyl Chloride	62	1.534	1.522	(0.314)	131716	18.5132	18
6 Bromomethane	94	1.769	1.752	(0.362)	88785	17.0633	17
5 Chloroethane	64	1.869	1.846	(0.382)	81432	18.4615	18
7 Trichlorofluoromethane	101	1.893	1.869	(0.387)	200727	26.1930	26
8 n-Pentane	72	1.887	1.869	(0.386)	11497	16.0103	16
10 Isoprene	67	2.099	2.081	(0.429)	103419	16.6288	17
11 Ethyl Ether	59	2.116	2.099	(0.433)	73924	17.9623	18
13 Acrolein	56	2.499	2.487	(0.511)	36752	51.6901	52
15 1,1-Dichloroethene	96	2.246	2.228	(0.460)	76776	15.5436	16
14 Freon TF	101	2.322	2.328	(0.475)	68000	15.0924	15(M)
16 Acetone	58	2.728	2.716	(0.558)	12612	18.8985	19
17 Iodomethane	142	2.346	2.334	(0.480)	185274	17.1107	17
18 Carbon Disulfide	76	2.263	2.246	(0.463)	316412	19.4851	19
19 Isopropanol	45	2.657	2.640	(0.544)	1113648	3005.86	3000

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09204.d
Report Date: 21-May-2009 15:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	21 Acetonitrile	39	3.093	3.075	(0.633)	47407	320.641	320
	27 Methyl Acetate	74	2.816	2.810	(0.576)	40880	19.1616	19
	22 Methylene Chloride	84	2.675	2.663	(0.547)	115620	19.5947	20
	24 TBA	59	3.010	2.987	(0.616)	202261	345.055	340
	25 trans-1,2-Dichloroethene	96	2.793	2.781	(0.571)	100368	18.6901	19
	26 Acrylonitrile	53	3.328	3.316	(0.681)	45526	20.6838	21
	28 MTBE	73	2.893	2.887	(0.592)	306301	19.7552	20
	29 Hexane	56	2.846	2.834	(0.582)	63363	19.7653	20
	30 1,1-Dichloroethane	63	3.269	3.263	(0.669)	170927	19.5971	20
	31 Vinyl Acetate	43	3.193	3.181	(0.653)	130561	17.4953	17(M)
	32 DIPE	45	3.193	3.187	(0.653)	348481	22.3804	22
	35 t-Butyl-ethyl-ether	59	3.487	3.481	(0.714)	408271	24.8646	25
	37 2,2-Dichloropropane	77	3.816	3.804	(0.781)	109739	18.3195	18
	36 cis-1,2-Dichloroethene	96	3.722	3.710	(0.762)	116543	19.1393	19
	38 2-Butanone	72	4.245	4.240	(0.869)	18363	21.1033	21
	39 Ethyl Acetate	70	4.093	4.087	(0.838)	22623	39.1914	39
	40 Bromochloromethane	128	3.887	3.875	(0.795)	67643	19.6160	20
	41 Tetrahydrofuran	42	4.098	4.087	(0.839)	47808	18.4226	18
	42 Chloroform	83	3.963	3.951	(0.811)	183076	19.8612	20
	43 1,1,1-Trichloroethane	97	4.134	4.128	(0.846)	147501	19.3269	19
	44 Cyclohexane	56	3.881	3.863	(0.794)	140105	20.0142	20
	45 Carbon Tetrachloride	117	4.069	4.057	(0.833)	162405	20.1509	20
	46 1,1-Dichloropropene	75	4.245	4.234	(0.869)	125551	19.1318	19
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.598	(0.943)	34312	45.4695	45
	48 Benzene	78	4.475	4.469	(0.543)	390442	19.2741	19
	49 1,2-Dichloroethane	62	4.675	4.669	(0.957)	127669	19.6775	20
	51 n-Heptane	57	4.463	4.451	(0.913)	53007	23.8092	24
	50 t-Amyl-methyl-ether	73	4.616	4.604	(0.945)	291149	19.4927	19
	61 Isopropyl Acetate	43	4.975	4.969	(1.018)	360959	38.8472	39
*	52 Fluorobenzene	96	4.887	4.881	(1.000)	934132	50.0000	
	54 Trichloroethene	95	5.051	5.045	(1.034)	104445	18.9040	19
	53 n-Butanol	56	5.487	5.481	(1.123)	249174	1547.50	1500
	56 Methyl cyclohexane	83	5.034	5.022	(1.030)	156398	22.9872	23
	55 Ethyl Acrylate	55	5.681	5.675	(1.162)	123024	20.2858	20
	57 1,2-Dichloropropane	63	5.604	5.592	(1.147)	101807	19.6512	20
	58 Dibromomethane	93	5.487	5.481	(1.123)	71864	19.7835	20
	60 1,4-Dioxane	88	5.916	5.916	(1.211)	168510	2612.02	2600
	59 Methyl Methacrylate	100	5.910	5.904	(1.209)	29004	20.3686	20
	75 Propyl Acetate	43	6.087	6.081	(1.246)	249003	36.7718	37
	68 Bromodichloromethane	83	5.692	5.681	(1.165)	135699	20.0295	20
	63 Epichlorohydrin	57	6.739	6.734	(0.819)	55711	111.392	110(R)
	67 cis-1,3-Dichloropropene	75	6.422	6.416	(0.780)	144940	18.6070	19
	70 4-Methyl-2-Pentanone	43	7.175	7.175	(0.871)	107300	20.3105	20
$	65 Toluene-d8 (SUR)	98	6.639	6.634	(0.806)	654464	42.6448	43
	66 Toluene	91	6.698	6.692	(0.814)	443212	19.5218	20
	64 trans-1,3-Dichloropropene	75	7.192	7.192	(0.874)	133184	18.8495	19
	69 1,1,2-Trichloroethane	83	7.357	7.351	(0.894)	76512	19.8281	20

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09204.d
Report Date: 21-May-2009 15:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	7.122	7.116	(0.865)	131374	20.2124	20
	72 1,3-Dichloropropane	76	7.622	7.622	(0.926)	153397	19.4843	19
	73 2-Hexanone	43	8.022	8.016	(0.974)	63146	19.0473	19
	74 Dibromochloromethane	129	7.522	7.522	(0.914)	115302	19.7949	20
	76 Butyl Acetate	73	7.957	7.957	(0.966)	47888	36.3017	36
	77 1,2-Dibromoethane	107	7.733	7.728	(0.939)	100364	19.6919	20
*	78 Chlorobenzene-d5	117	8.233	8.228	(1.000)	734079	50.0000	
	79 Chlorobenzene	112	8.245	8.245	(1.001)	293669	19.4647	19
	80 1,1,1,2-Tetrachloroethane	131	8.316	8.316	(1.010)	124769	19.7998	20
	81 Ethylbenzene	106	8.292	8.292	(1.007)	148836	19.5462	20
	82 m+p-Xylene	106	8.428	8.428	(1.024)	376862	40.2282	40
	84 o-Xylene	106	8.798	8.798	(1.069)	189240	19.9028	20
	85 Styrene	104	8.845	8.845	(1.074)	274612	19.2222	19
	83 Butyl Acrylate	73	8.998	8.998	(1.093)	71597	17.7458	18
	86 Bromoform	173	8.845	8.845	(1.074)	93975	21.3869	21
	88 Isopropylbenzene	105	9.069	9.069	(1.101)	520694	22.5036	22(M)
$	89 Bromofluorobenzene (SUR)	174	9.286	9.280	(0.915)	315443	43.3461	43
	90 Camphene (total)	93	9.145	9.145	(1.111)	33531	5.62446	5.6(R)
	91 Bromobenzene	156	9.357	9.357	(0.922)	142724	18.8722	19
	92 1,1,2,2-Tetrachloroethane	83	9.475	9.475	(0.933)	150282	20.7332	21
	93 1,2,3-Trichloropropane	110	9.563	9.563	(0.942)	46004	19.6627	20
	94 trans-1,4-Dichloro-2-butene	53	9.610	9.610	(0.947)	26387	18.6443	19
	95 n-Propylbenzene	91	9.404	9.404	(0.926)	569389	20.6066	21
	96 2-Chlorotoluene	91	9.510	9.510	(0.937)	336819	18.8946	19
	97 1,3,5-Trimethylbenzene	105	9.569	9.569	(0.943)	427777	20.1504	20
	98 4-Chlorotoluene	91	9.645	9.645	(0.950)	332551	19.4385	19
	99 Butyl Methacrylate	87	9.822	9.822	(0.968)	138114	16.5466	16
	100 tert-Butylbenzene	119	9.810	9.810	(0.966)	363317	20.0530	20
	101 1,2,4-Trimethylbenzene	105	9.869	9.863	(0.972)	445503	20.5140	20
	102 2-Octanone	43	10.269	10.269	(1.012)	174350	16.3844	16
	103 sec-Butylbenzene	105	9.945	9.945	(0.980)	550271	17.2633	17
	105 1,3-Dichlorobenzene	146	10.092	10.092	(0.994)	269126	19.6765	20
	107 p-Isopropyltoluene	119	10.063	10.063	(0.991)	489573	12.3876	12(R)
*	108 1,4-Dichlorobenzene-d4	152	10.151	10.151	(1.000)	421721	50.0000	
	109 1,4-Dichlorobenzene	146	10.163	10.163	(1.001)	277150	19.8341	20
	110 Benzyl Chloride	91	10.374	10.374	(1.022)	630198	20.8121	21
	106 n-Butylbenzene	91	10.374	10.374	(1.022)	630198	20.8121	21
	111 1,2-Dichlorobenzene	146	10.474	10.474	(1.032)	276315	19.7237	20
	112 1,2-Dibromo-3-chloropropane	75	11.069	11.063	(1.090)	29085	20.1781	20
	113 Camphor	95	11.757	11.757	(1.158)	77666	68.0436	68(R)
	114 1,2,4-Trichlorobenzene	180	11.545	11.545	(1.137)	232546	21.0814	21
	115 Hexachlorobutadiene	225	11.527	11.527	(1.136)	94555	24.1054	24
	116 Naphthalene	128	11.780	11.780	(1.161)	582518	22.2596	22
	117 1,2,3-Trichlorobenzene	180	11.904	11.904	(1.173)	234917	20.7510	21
M	120 1,2-Dichloroethene (Total)	100				216911	37.8576	38
M	121 Xylene (Total)	100				566102	60.1290	60

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09204.d
Report Date: 21-May-2009 15:09

QC Flag Legend

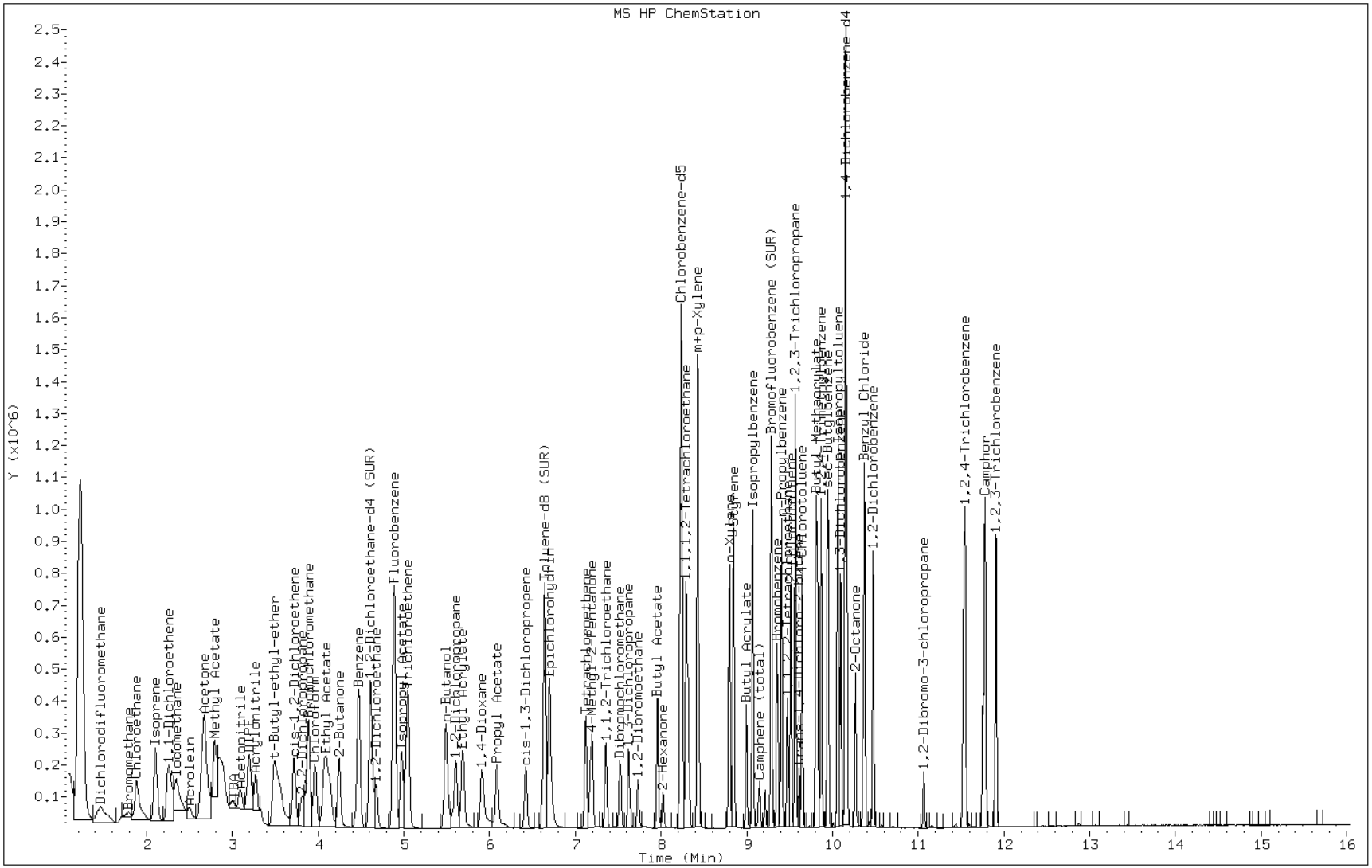
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: d09204.d

Date: 14-MAY-2009 10:47

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-d-1ms Operator:



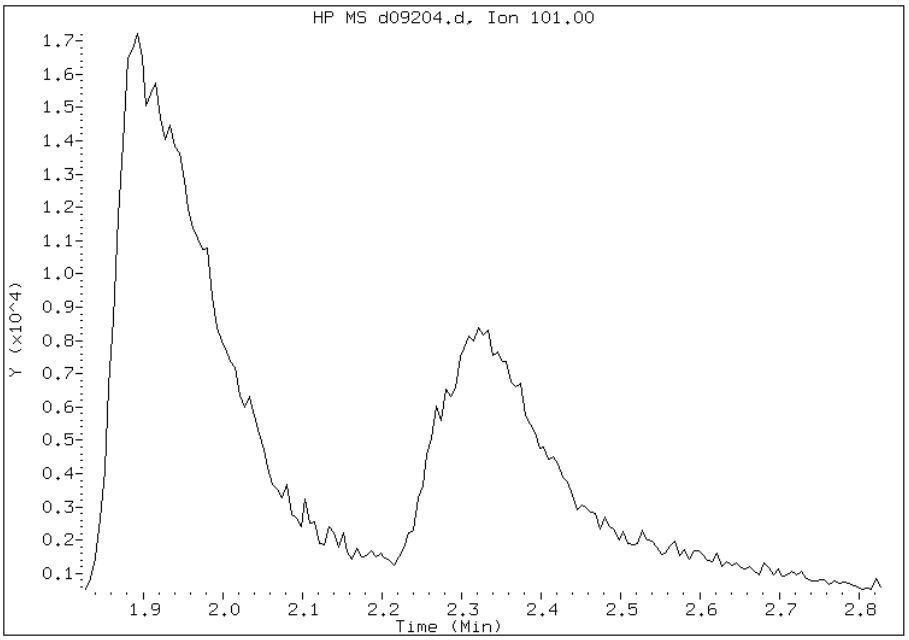
Manual Integration Report

Data File: d09204.d
Inj. Date and Time: 14-MAY-2009 10:47
Instrument ID: VOAMS4.i
Client ID:
Compound: 14 Freon TF
CAS #: 76-13-1
Report Date: 05/21/2009

Processing Integration Results

Not Detected

Expected RT: 2.33



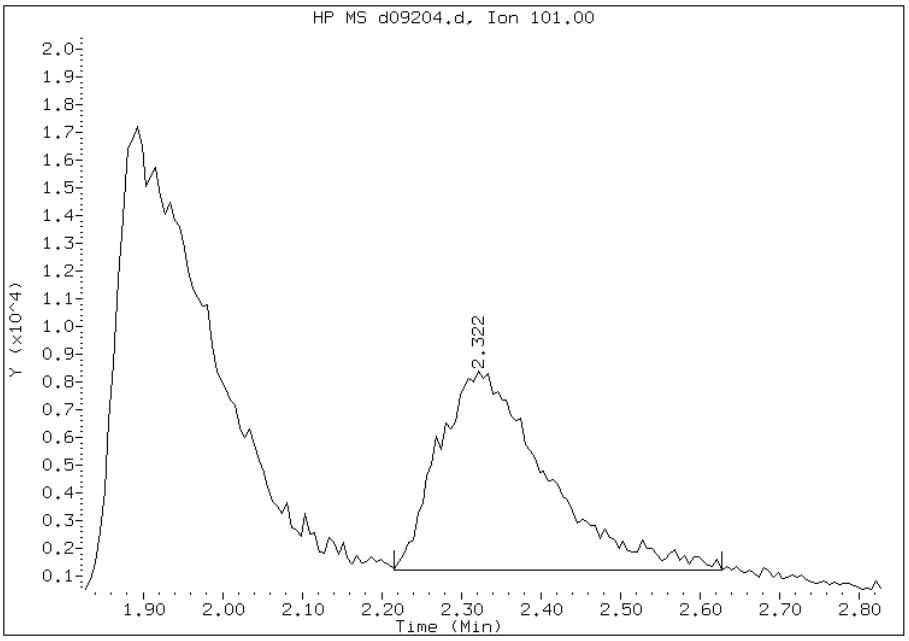
Manual Integration Results

RT: 2.32

Response: 68000

Amount: 15

Conc: 15



Manually Integrated By: vibha
Manual Integration Reason:

Manual Integration Report

Data File: d09204.d
Inj. Date and Time: 14-MAY-2009 10:47
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/21/2009

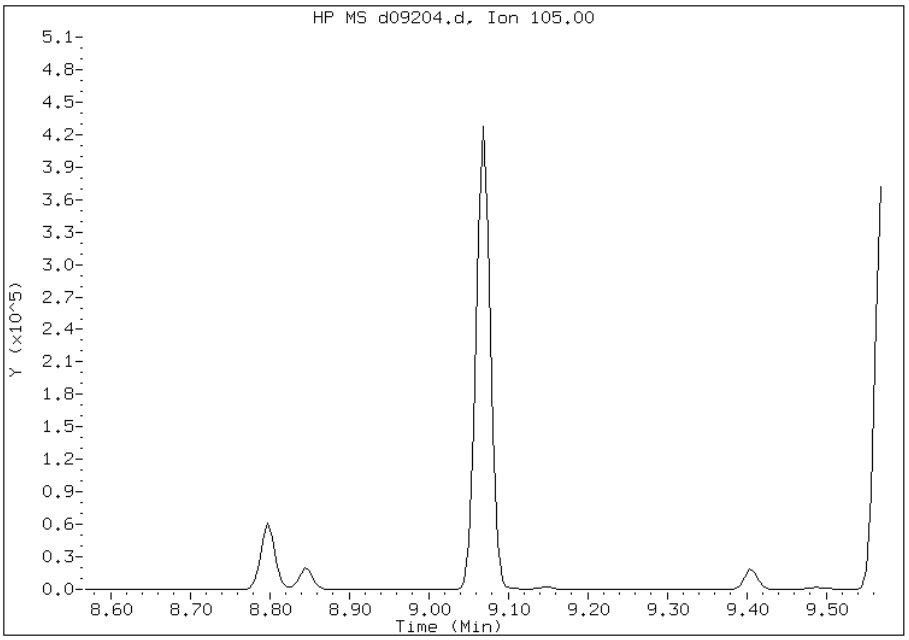
Processing Integration Results

RT: 9.57

Response: 427777

Amount: 18

Conc: 18



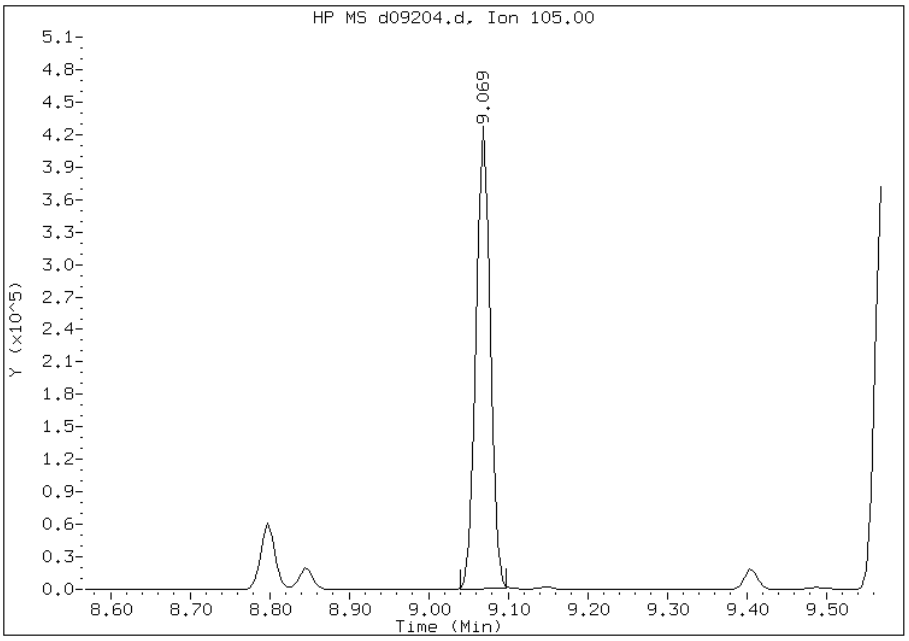
Manual Integration Results

RT: 9.07

Response: 520694

Amount: 23

Conc: 23



Manually Integrated By: vibha
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-1591-C-2 MS

Matrix: Water | Lab File ID: d09225.d

Analysis Method: 8260B | Date Collected: 05/11/2009 14:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/14/2009 21:43

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 6470 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	75.5		5.0	1.4
74-87-3	Chloromethane	85.4		5.0	1.0
74-83-9	Bromomethane	88.9		5.0	1.6
75-01-4	Vinyl chloride	88.0		5.0	0.65
75-00-3	Chloroethane	94.8		5.0	2.2
75-69-4	Trichlorofluoromethane	109		5.0	0.80
76-13-1	Freon TF	94.0		5.0	1.4
75-09-2	Methylene Chloride	94.7		5.0	0.95
67-64-1	Acetone	27.8	J	50	12
75-15-0	Carbon disulfide	98.9		5.0	0.75
79-20-9	Methyl acetate	94.9		10	1.6
75-35-4	1,1-Dichloroethene	89.6		5.0	0.70
75-34-3	1,1-Dichloroethane	92.2		5.0	0.50
156-59-2	cis-1,2-Dichloroethene	95.0		5.0	1.0
156-60-5	trans-1,2-Dichloroethene	91.2		5.0	0.70
1634-04-4	MTBE	91.0		5.0	0.90
67-66-3	Chloroform	97.7		5.0	0.75
107-06-2	1,2-Dichloroethane	112		5.0	1.2
78-93-3	2-Butanone	100		50	4.1
71-55-6	1,1,1-Trichloroethane	99.1		5.0	1.2
110-82-7	Cyclohexane	89.8		5.0	0.65
56-23-5	Carbon tetrachloride	104		5.0	0.95
75-27-4	Bromodichloromethane	93.6		5.0	0.46
78-87-5	1,2-Dichloropropane	91.7		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	90.9		5.0	0.55
79-01-6	Trichloroethene	104		5.0	0.90
108-87-2	Methylcyclohexane	120		5.0	0.45
124-48-1	Dibromochloromethane	96.6		5.0	0.55
79-00-5	1,1,2-Trichloroethane	96.5		5.0	0.50
71-43-2	Benzene	115		5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	89.2		5.0	0.60
75-25-2	Bromoform	99.9		5.0	0.50
98-82-8	Isopropylbenzene	111		5.0	1.0
108-10-1	4-Methyl-2-pentanone	86.0		50	3.4
591-78-6	2-Hexanone	83.2		50	2.8
127-18-4	Tetrachloroethene	105		5.0	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-1591-C-2 MS

Matrix: Water Lab File ID: d09225.d

Analysis Method: 8260B Date Collected: 05/11/2009 14:20

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 21:43

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6470 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	89.5		5.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	94.3		5.0	0.45
108-90-7	Chlorobenzene	102		5.0	0.80
100-41-4	Ethylbenzene	296		5.0	1.2
1330-20-7	Xylenes, Total	286		15	2.2
100-42-5	Styrene	89.7		5.0	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	88.4		5.0	0.75
541-73-1	1,3-Dichlorobenzene	94.8		5.0	1.1
106-46-7	1,4-Dichlorobenzene	96.6		5.0	0.75
95-50-1	1,2-Dichlorobenzene	95.6		5.0	0.80
120-82-1	1,2,4-Trichlorobenzene	104		5.0	2.2
106-93-4	1,2-Dibromoethane	92.4		5.0	0.45

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92	56-125	
2037-26-5	Toluene-d8 (Surr)	84	72-127	
460-00-4	Bromofluorobenzene	86	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09225.d
Report Date: 18-May-2009 15:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09225.d
Lab Smp Id: 460-1591-c-2MS
Inj Date : 14-MAY-2009 21:43
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1591-c-2MS;5
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/8260_09.m
Meth Date : 14-May-2009 18:22 eddie Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 8 QC Sample: MS
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.357	1.363	(0.277)	60272	15.0968	75
3 Chloromethane	50	1.452	1.457	(0.297)	101697	17.0763	85
4 Vinyl Chloride	62	1.528	1.528	(0.312)	102923	17.6079	88
6 Bromomethane	94	1.769	1.769	(0.362)	76043	17.7883	89
5 Chloroethane	64	1.875	1.857	(0.383)	68721	18.9633	95
7 Trichlorofluoromethane	101	1.887	1.881	(0.386)	136945	21.7510	110
8 n-Pentane	72	1.887	1.881	(0.386)	10494	17.7873	89
10 Isoprene	67	2.099	2.093	(0.429)	95113	18.6146	93
11 Ethyl Ether	59	2.110	2.104	(0.431)	60396	17.8623	89
13 Acrolein	56	2.499	2.504	(0.511)	25803	44.1723	220
15 1,1-Dichloroethene	96	2.252	2.246	(0.460)	72738	17.9243	90
14 Freon TF	101	2.322	2.328	(0.475)	69602	18.8028	94
16 Acetone	58	2.722	2.728	(0.556)	3089	5.56885	28(aR)
17 Iodomethane	142	2.346	2.346	(0.479)	160348	18.0248	90
18 Carbon Disulfide	76	2.263	2.257	(0.463)	263855	19.7773	99
19 Isopropanol	45	2.657	2.651	(0.543)	834350	2741.09	14000

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09225.d
Report Date: 18-May-2009 15:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	21 Acetonitrile	39	3.087	3.087	(0.631)	38512	317.048	1600
	27 Methyl Acetate	74	2.822	2.816	(0.577)	33277	18.9854	95
	22 Methylene Chloride	84	2.675	2.675	(0.547)	91799	18.9364	95
	24 TBA	59	3.016	3.022	(0.616)	157435	326.912	1600
	25 trans-1,2-Dichloroethene	96	2.793	2.787	(0.571)	80431	18.2303	91
	26 Acrylonitrile	53	3.334	3.322	(0.681)	32409	17.9221	90
	28 MTBE	73	2.899	2.893	(0.592)	231842	18.2003	91
	29 Hexane	56	2.852	2.846	(0.583)	52386	19.8900	99
	30 1,1-Dichloroethane	63	3.275	3.269	(0.669)	132071	18.4307	92
	32 DIPE	45	3.193	3.199	(0.653)	259622	20.2947	100
	35 t-Butyl-ethyl-ether	59	3.493	3.487	(0.714)	309394	22.9350	110
	37 2,2-Dichloropropane	77	3.816	3.810	(0.780)	104354	21.2039	110
	36 cis-1,2-Dichloroethene	96	3.722	3.722	(0.761)	95011	18.9919	95
	38 2-Butanone	72	4.251	4.251	(0.869)	14332	20.0478	100
	39 Ethyl Acetate	70	4.093	4.093	(0.836)	18826	39.6965	200
	40 Bromochloromethane	128	3.893	3.887	(0.796)	56259	19.8579	99
	41 Tetrahydrofuran	42	4.098	4.093	(0.838)	37228	17.4612	87
	42 Chloroform	83	3.969	3.963	(0.811)	147911	19.5311	98
	43 1,1,1-Trichloroethane	97	4.140	4.134	(0.846)	124215	19.8105	99
	44 Cyclohexane	56	3.881	3.875	(0.793)	103252	17.9530	90
	45 Carbon Tetrachloride	117	4.075	4.069	(0.833)	137070	20.7010	100
	46 1,1-Dichloropropene	75	4.246	4.245	(0.868)	97969	18.1709	91
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.610	(0.942)	28656	46.2214	46
	48 Benzene	78	4.481	4.475	(0.544)	379337	22.9586	110
	49 1,2-Dichloroethane	62	4.675	4.675	(0.956)	119928	22.4987	110
	51 n-Heptane	57	4.463	4.457	(0.912)	44972	24.5871	120
	50 t-Amyl-methyl-ether	73	4.616	4.616	(0.943)	227106	18.5071	92
	61 Isopropyl Acetate	43	4.975	4.975	(1.017)	275144	36.0425	180
*	52 Fluorobenzene	96	4.893	4.887	(1.000)	767459	50.0000	
	54 Trichloroethene	95	5.057	5.057	(1.034)	94026	20.7142	100
	53 n-Butanol	56	5.493	5.492	(1.123)	167552	1266.58	6300
	56 Methyl cyclohexane	83	5.040	5.040	(1.030)	134027	23.9773	120
	55 Ethyl Acrylate	55	5.687	5.681	(1.162)	86132	17.2871	86
	57 1,2-Dichloropropane	63	5.604	5.604	(1.145)	78061	18.3400	92
	58 Dibromomethane	93	5.493	5.492	(1.123)	56951	19.0830	95
	60 1,4-Dioxane	88	5.928	5.922	(1.212)	149945	2829.01	14000
	59 Methyl Methacrylate	100	5.910	5.910	(1.208)	22053	18.8505	94
	75 Propyl Acetate	43	6.087	6.087	(1.244)	197637	35.5248	180
	68 Bromodichloromethane	83	5.692	5.692	(1.163)	104244	18.7283	94
	62 2-Chloroethyl Vinyl Ether	63	6.392	6.387	(1.307)	12960	5.17408	26(R)
	63 Epichlorohydrin	57	6.745	6.745	(0.819)	140524	344.483	1700
	67 cis-1,3-Dichloropropene	75	6.428	6.422	(0.781)	115473	18.1749	91
	70 4-Methyl-2-Pentanone	43	7.181	7.181	(0.872)	74126	17.2026	86
$	65 Toluene-d8 (SUR)	98	6.645	6.645	(0.807)	525549	41.9852	42
	66 Toluene	91	6.704	6.704	(0.814)	331320	17.8920	89
	64 trans-1,3-Dichloropropene	75	7.198	7.198	(0.874)	102773	17.8332	89
	69 1,1,2-Trichloroethane	83	7.357	7.363	(0.894)	60724	19.2937	96

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09225.d
Report Date: 18-May-2009 15:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	7.122	7.122	(0.865)	111377	21.0091	100
	72 1,3-Dichloropropane	76	7.628	7.628	(0.926)	112711	17.5524	88
	73 2-Hexanone	43	8.028	8.028	(0.975)	44988	16.6374	83
	74 Dibromochloromethane	129	7.528	7.528	(0.914)	91794	19.3211	97
	76 Butyl Acetate	73	7.963	7.963	(0.967)	37333	34.6973	170
	77 1,2-Dibromoethane	107	7.734	7.734	(0.939)	76829	18.4815	92
*	78 Chlorobenzene-d5	117	8.234	8.233	(1.000)	598743	50.0000	
	79 Chlorobenzene	112	8.251	8.251	(1.002)	251100	20.4051	100
	80 1,1,1,2-Tetrachloroethane	131	8.322	8.322	(1.011)	101073	19.6649	98
	81 Ethylbenzene	106	8.298	8.298	(1.008)	368256	59.2935	300(R)
	82 m+p-Xylene	106	8.434	8.433	(1.024)	292326	38.2577	190
	84 o-Xylene	106	8.804	8.804	(1.069)	146609	18.9045	94
	85 Styrene	104	8.851	8.851	(1.075)	209143	17.9485	90
	83 Butyl Acrylate	73	8.998	8.998	(1.093)	50122	15.2311	76
	86 Bromoform	173	8.851	8.851	(1.075)	71607	19.9799	100
	88 Isopropylbenzene	105	9.075	9.075	(1.102)	419529	22.2297	110(M)
$	89 Bromofluorobenzene (SUR)	174	9.286	9.286	(0.914)	252805	42.8750	43
	90 Camphene (total)	93	9.151	9.151	(1.111)	119984	24.6751	120
	91 Bromobenzene	156	9.357	9.357	(0.921)	114851	18.7434	94
	92 1,1,2,2-Tetrachloroethane	83	9.480	9.480	(0.933)	110794	18.8654	94
	93 1,2,3-Trichloropropane	110	9.569	9.569	(0.942)	34660	18.2838	91
	94 trans-1,4-Dichloro-2-butene	53	9.616	9.616	(0.947)	20089	17.5188	88
	95 n-Propylbenzene	91	9.410	9.410	(0.926)	441966	19.7413	99
	96 2-Chlorotoluene	91	9.516	9.516	(0.937)	258795	17.9179	90
	97 1,3,5-Trimethylbenzene	105	9.575	9.575	(0.943)	337132	19.5999	98
	98 4-Chlorotoluene	91	9.651	9.651	(0.950)	253081	18.2580	91
	99 Butyl Methacrylate	87	9.828	9.827	(0.968)	99659	14.7359	74
	100 tert-Butylbenzene	119	9.816	9.816	(0.966)	294894	20.0885	100
	101 1,2,4-Trimethylbenzene	105	9.869	9.869	(0.972)	340525	19.3526	97
	102 2-Octanone	43	10.275	10.274	(1.012)	120267	13.9490	70(R)
	103 sec-Butylbenzene	105	9.951	9.951	(0.980)	447541	17.3289	87
	105 1,3-Dichlorobenzene	146	10.098	10.098	(0.994)	210182	18.9660	95
	107 p-Isopropyltoluene	119	10.063	10.069	(0.991)	390256	12.1784	61(R)
*	108 1,4-Dichlorobenzene-d4	152	10.157	10.157	(1.000)	341693	50.0000	
	109 1,4-Dichlorobenzene	146	10.169	10.169	(1.001)	218784	19.3242	97
	110 Benzyl Chloride	91	10.380	10.380	(1.022)	516115	21.0365	100
	106 n-Butylbenzene	91	10.380	10.380	(1.022)	516115	21.0365	100
	111 1,2-Dichlorobenzene	146	10.480	10.480	(1.032)	217038	19.1209	96
	112 1,2-Dibromo-3-chloropropane	75	11.069	11.069	(1.090)	20657	17.6876	88
	113 Camphor	95	11.757	11.763	(1.158)	56927	61.5813	310(R)
	114 1,2,4-Trichlorobenzene	180	11.551	11.551	(1.137)	186159	20.8287	100
	115 Hexachlorobutadiene	225	11.533	11.533	(1.135)	81287	25.5764	130
	116 Naphthalene	128	11.780	11.786	(1.160)	457780	21.5900	110
	117 1,2,3-Trichlorobenzene	180	11.910	11.910	(1.173)	188994	20.6045	100
M	120 1,2-Dichloroethene (Total)	100				175442	37.2699	190
M	121 Xylene (Total)	100				438935	57.1599	280

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09225.d
Report Date: 18-May-2009 15:18

QC Flag Legend

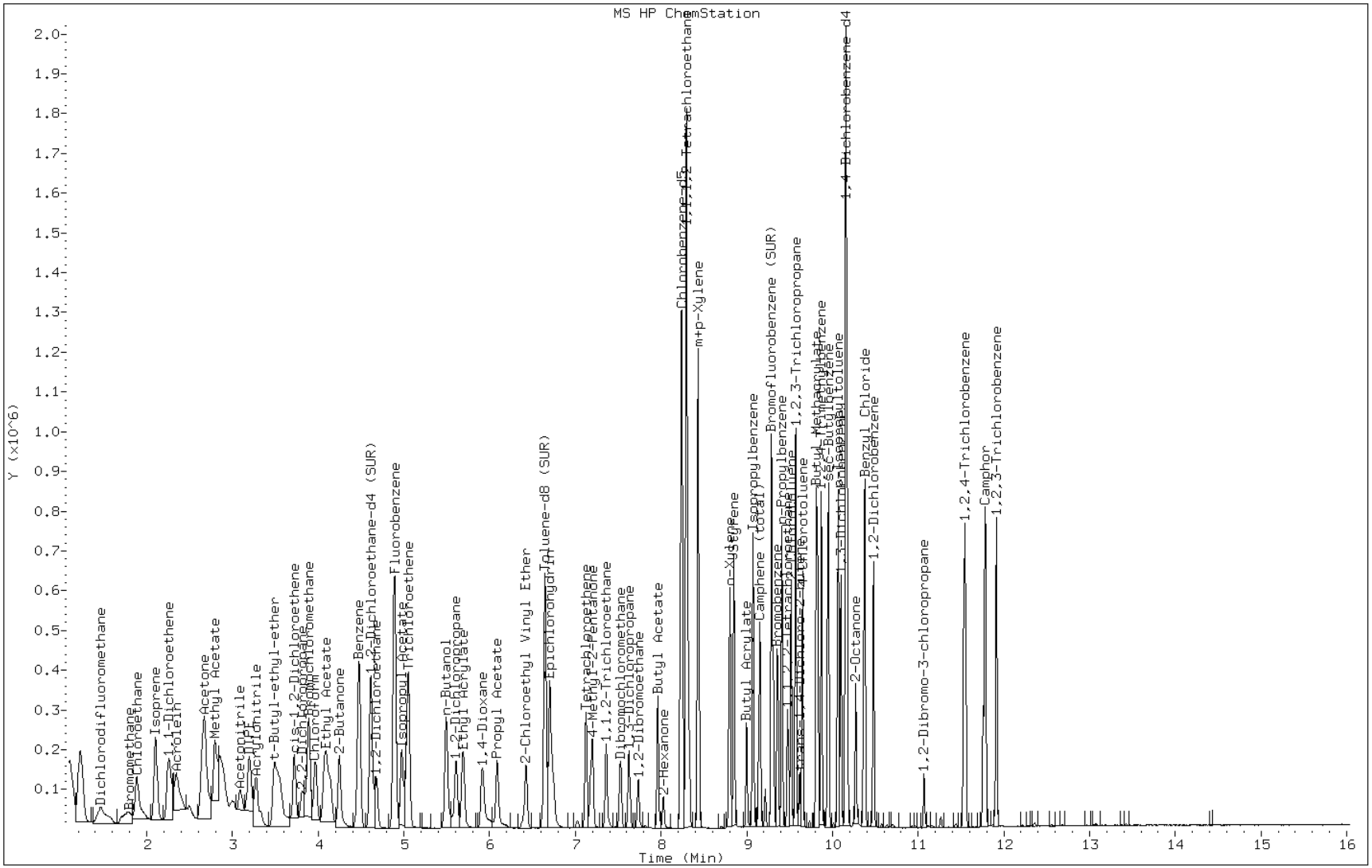
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: d09225.d

Date: 14-MAY-2009 21:43

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1591-c-2MS;5 Operator:



Manual Integration Report

Data File: d09225.d
Inj. Date and Time: 14-MAY-2009 21:43
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/18/2009

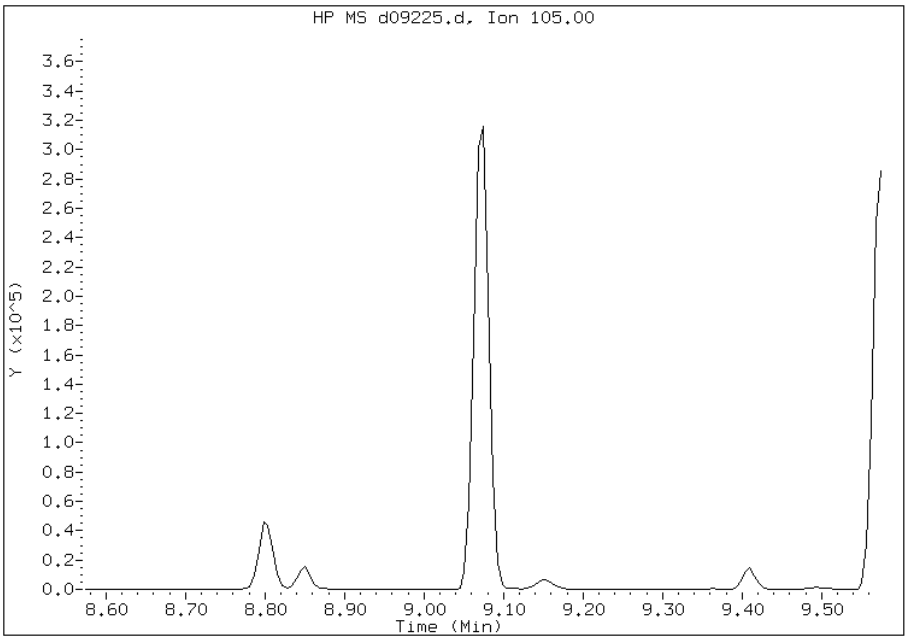
Processing Integration Results

RT: 9.57

Response: 337132

Amount: 18

Conc: 89



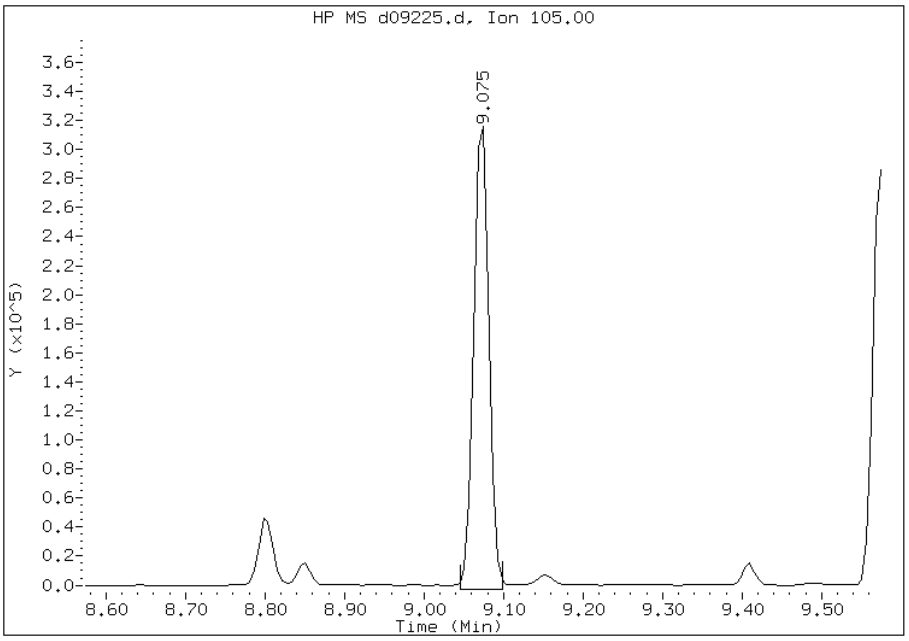
Manual Integration Results

RT: 9.07

Response: 419529

Amount: 22

Conc: 111



Manually Integrated By: pritch
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1 MSD

Matrix: Water Lab File ID: d09205.d

Analysis Method: 8260B Date Collected: 05/08/2009 10:20

Sample wt/vol: 5(mL) Date Analyzed: 05/14/2009 11:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6344 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.29
74-87-3	Chloromethane	18.8		1.0	0.21
74-83-9	Bromomethane	17.7		1.0	0.31
75-01-4	Vinyl chloride	19.2		1.0	0.13
75-00-3	Chloroethane	20.2		1.0	0.45
75-69-4	Trichlorofluoromethane	22.3		1.0	0.16
76-13-1	Freon TF	18.5		1.0	0.28
75-09-2	Methylene Chloride	20.1		1.0	0.19
67-64-1	Acetone	19.5		10	2.5
75-15-0	Carbon disulfide	20.8		1.0	0.15
79-20-9	Methyl acetate	19.2		2.0	0.33
75-35-4	1,1-Dichloroethene	17.6		1.0	0.14
75-34-3	1,1-Dichloroethane	20.0		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.14
1634-04-4	MTBE	20.6		1.0	0.18
67-66-3	Chloroform	20.7		1.0	0.15
107-06-2	1,2-Dichloroethane	20.2		1.0	0.24
78-93-3	2-Butanone	22.1		10	0.82
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.25
110-82-7	Cyclohexane	21.6		1.0	0.13
56-23-5	Carbon tetrachloride	21.6		1.0	0.19
75-27-4	Bromodichloromethane	20.4		1.0	0.093
78-87-5	1,2-Dichloropropane	20.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.11
79-01-6	Trichloroethene	19.8		1.0	0.18
108-87-2	Methylcyclohexane	24.7		1.0	0.090
124-48-1	Dibromochloromethane	20.3		1.0	0.11
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.10
71-43-2	Benzene	20.2		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.12
75-25-2	Bromoform	21.8		1.0	0.10
98-82-8	Isopropylbenzene	23.4		1.0	0.21
108-10-1	4-Methyl-2-pentanone	20.4		10	0.68
591-78-6	2-Hexanone	22.1		10	0.55
127-18-4	Tetrachloroethene	21.1		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 | Lab Sample ID: 460-1570-1 MSD

Matrix: Water | Lab File ID: d09205.d

Analysis Method: 8260B | Date Collected: 05/08/2009 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/14/2009 11:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 6344 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.9		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.0	0.090
108-90-7	Chlorobenzene	20.1		1.0	0.16
100-41-4	Ethylbenzene	20.9		1.0	0.25
1330-20-7	Xylenes, Total	62.6		3.0	0.43
100-42-5	Styrene	19.6		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		1.0	0.15
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.22
106-46-7	1,4-Dichlorobenzene	20.3		1.0	0.15
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	21.7		1.0	0.44
106-93-4	1,2-Dibromoethane	19.8		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92	56-125	
2037-26-5	Toluene-d8 (Surr)	87	72-127	
460-00-4	Bromofluorobenzene	87	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09205.d
Report Date: 21-May-2009 15:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09205.d
Lab Smp Id: 460-1570-d-1msd
Inj Date : 14-MAY-2009 11:11
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1570-d-1msd
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/8260_09.m
Meth Date : 21-May-2009 15:05 vibha Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 16 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.346	1.352	(0.276)	89389	18.9442	19
3 Chloromethane	50	1.446	1.434	(0.296)	132124	18.7711	19
4 Vinyl Chloride	62	1.534	1.522	(0.314)	132601	19.1940	19
6 Bromomethane	94	1.763	1.752	(0.361)	89269	17.6685	18
5 Chloroethane	64	1.840	1.846	(0.377)	86440	20.1820	20
7 Trichlorofluoromethane	101	1.875	1.869	(0.384)	165863	22.2898	22
8 n-Pentane	72	1.875	1.869	(0.384)	10616	15.2248	15
10 Isoprene	67	2.087	2.081	(0.428)	110748	18.3389	18
11 Ethyl Ether	59	2.104	2.099	(0.431)	73435	18.3762	18
13 Acrolein	56	2.487	2.487	(0.509)	35962	52.0891	52(R)
15 1,1-Dichloroethene	96	2.234	2.228	(0.458)	84624	17.6440	18
14 Freon TF	101	2.322	2.328	(0.476)	80782	18.4646	18(M)
16 Acetone	58	2.716	2.716	(0.556)	12598	19.4503	19
17 Iodomethane	142	2.340	2.334	(0.479)	191832	18.2453	18
18 Carbon Disulfide	76	2.251	2.246	(0.461)	328463	20.8311	21
19 Isopropanol	45	2.651	2.640	(0.543)	1120237	3113.92	3100

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09205.d
Report Date: 21-May-2009 15:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	21 Acetonitrile	39	3.081	3.075	(0.631)	45671	318.122	320
	27 Methyl Acetate	74	2.816	2.810	(0.577)	39778	19.2018	19
	22 Methylene Chloride	84	2.669	2.663	(0.547)	115301	20.1240	20
	24 TBA	59	2.993	2.987	(0.613)	203358	357.285	360
	25 trans-1,2-Dichloroethene	96	2.787	2.781	(0.571)	100689	19.3097	19
	26 Acrylonitrile	53	3.322	3.316	(0.681)	45881	21.4675	21
	28 MTBE	73	2.887	2.887	(0.591)	309755	20.5744	20
	29 Hexane	56	2.840	2.834	(0.582)	63430	20.3769	20
	30 1,1-Dichloroethane	63	3.269	3.263	(0.670)	169665	20.0332	20
	31 Vinyl Acetate	43	3.187	3.181	(0.653)	134680	18.5861	18(M)
	32 DIPE	45	3.187	3.187	(0.653)	340784	22.5395	22
	35 t-Butyl-ethyl-ether	59	3.481	3.481	(0.713)	400974	25.1493	25
	37 2,2-Dichloropropane	77	3.810	3.804	(0.781)	110206	18.9467	19
	36 cis-1,2-Dichloroethene	96	3.716	3.710	(0.761)	116396	19.6859	20
	38 2-Butanone	72	4.245	4.240	(0.870)	18669	22.0955	22
	39 Ethyl Acetate	70	4.081	4.087	(0.836)	22347	39.8691	40
	40 Bromochloromethane	128	3.887	3.875	(0.796)	66521	19.8666	20
	41 Tetrahydrofuran	42	4.093	4.087	(0.838)	44723	17.7484	18
	42 Chloroform	83	3.957	3.951	(0.811)	185266	20.6989	21
	43 1,1,1-Trichloroethane	97	4.128	4.128	(0.846)	152258	20.5459	20
	44 Cyclohexane	56	3.875	3.863	(0.794)	147081	21.6380	22
	45 Carbon Tetrachloride	117	4.063	4.057	(0.832)	168965	21.5908	22
	46 1,1-Dichloropropene	75	4.240	4.234	(0.869)	127346	19.9847	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.610	4.598	(0.945)	33656	45.9318	46
	48 Benzene	78	4.469	4.469	(0.543)	396294	20.2356	20
	49 1,2-Dichloroethane	62	4.675	4.669	(0.958)	126966	20.1534	20
	51 n-Heptane	57	4.457	4.451	(0.913)	54329	25.1316	25
	50 t-Amyl-methyl-ether	73	4.610	4.604	(0.945)	292025	20.1350	20
	61 Isopropyl Acetate	43	4.969	4.969	(1.018)	353641	39.1960	39
*	52 Fluorobenzene	96	4.881	4.881	(1.000)	907051	50.0000	
	54 Trichloroethene	95	5.051	5.045	(1.035)	106346	19.8227	20
	53 n-Butanol	56	5.481	5.481	(1.123)	211732	1354.23	1400
	56 Methyl cyclohexane	83	5.028	5.022	(1.030)	163272	24.7140	25
	55 Ethyl Acrylate	55	5.675	5.675	(1.163)	117789	20.0025	20
	57 1,2-Dichloropropane	63	5.604	5.592	(1.148)	101124	20.1022	20
	58 Dibromomethane	93	5.487	5.481	(1.124)	72963	20.6858	21
	60 1,4-Dioxane	88	5.922	5.916	(1.213)	179626	2867.45	2900
	59 Methyl Methacrylate	100	5.904	5.904	(1.210)	28978	20.9579	21
	75 Propyl Acetate	43	6.081	6.081	(1.246)	243645	37.0548	37
	68 Bromodichloromethane	83	5.687	5.681	(1.165)	134506	20.4461	20
	63 Epichlorohydrin	57	6.734	6.734	(0.818)	49408	102.186	100(R)
	67 cis-1,3-Dichloropropene	75	6.422	6.416	(0.781)	145915	19.3761	19
	70 4-Methyl-2-Pentanone	43	7.175	7.175	(0.872)	103970	20.3567	20
$	65 Toluene-d8 (SUR)	98	6.639	6.634	(0.807)	644797	43.4593	43
	66 Toluene	91	6.698	6.692	(0.814)	436878	19.9043	20
	64 trans-1,3-Dichloropropene	75	7.192	7.192	(0.874)	129650	18.9801	19
	69 1,1,2-Trichloroethane	83	7.357	7.351	(0.894)	75803	20.3197	20

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09205.d
Report Date: 21-May-2009 15:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	7.116	7.116	(0.865)	132508	21.0878	21
	72 1,3-Dichloropropane	76	7.622	7.622	(0.926)	148925	19.5666	20
	73 2-Hexanone	43	8.022	8.016	(0.975)	70972	22.1438	22
	74 Dibromochloromethane	129	7.522	7.522	(0.914)	114546	20.3411	20
	76 Butyl Acetate	73	7.957	7.957	(0.967)	46784	36.6840	37
	77 1,2-Dibromoethane	107	7.728	7.728	(0.939)	97795	19.8475	20
*	78 Chlorobenzene-d5	117	8.228	8.228	(1.000)	709682	50.0000	
	79 Chlorobenzene	112	8.245	8.245	(1.002)	292915	20.0822	20
	80 1,1,1,2-Tetrachloroethane	131	8.316	8.316	(1.011)	124862	20.4958	20
	81 Ethylbenzene	106	8.292	8.292	(1.008)	153908	20.9072	21
	82 m+p-Xylene	106	8.428	8.428	(1.024)	379669	41.9211	42
	84 o-Xylene	106	8.798	8.798	(1.069)	190364	20.7093	21
	85 Styrene	104	8.845	8.845	(1.075)	270631	19.5948	20
	83 Butyl Acrylate	73	8.998	8.998	(1.094)	71651	18.3696	18
	86 Bromoform	173	8.845	8.845	(1.075)	92571	21.7916	22
	88 Isopropylbenzene	105	9.069	9.069	(1.102)	524142	23.4314	23(M)
$	89 Bromofluorobenzene (SUR)	174	9.286	9.280	(0.915)	300987	43.4800	43
	90 Camphene (total)	93	9.145	9.145	(1.112)	31615	5.48537	5.5(R)
	91 Bromobenzene	156	9.357	9.357	(0.922)	142952	19.8714	20
	92 1,1,2,2-Tetrachloroethane	83	9.475	9.475	(0.933)	147136	21.3399	21
	93 1,2,3-Trichloropropane	110	9.563	9.563	(0.942)	44507	19.9981	20
	94 trans-1,4-Dichloro-2-butene	53	9.610	9.610	(0.947)	25720	19.1047	19
	95 n-Propylbenzene	91	9.404	9.404	(0.926)	568739	21.6384	22
	96 2-Chlorotoluene	91	9.510	9.510	(0.937)	340220	20.0638	20
	97 1,3,5-Trimethylbenzene	105	9.569	9.569	(0.943)	428305	21.2096	21
	98 4-Chlorotoluene	91	9.645	9.645	(0.950)	331240	20.3545	20
	99 Butyl Methacrylate	87	9.822	9.822	(0.968)	133535	16.8182	17
	100 tert-Butylbenzene	119	9.810	9.810	(0.966)	368255	21.3675	21
	101 1,2,4-Trimethylbenzene	105	9.869	9.863	(0.972)	444616	21.5228	22
	102 2-Octanone	43	10.269	10.269	(1.012)	170270	16.8213	17
	103 sec-Butylbenzene	105	9.945	9.945	(0.980)	568641	18.7542	19
	105 1,3-Dichlorobenzene	146	10.092	10.092	(0.994)	267048	20.5255	20
	107 p-Isopropyltoluene	119	10.063	10.063	(0.991)	494351	13.1868	13(R)
*	108 1,4-Dichlorobenzene-d4	152	10.151	10.151	(1.000)	401155	50.0000	
	109 1,4-Dichlorobenzene	146	10.163	10.163	(1.001)	270276	20.3338	20
	110 Benzyl Chloride	91	10.374	10.374	(1.022)	613412	21.2963	21
	106 n-Butylbenzene	91	10.374	10.374	(1.022)	613412	21.2963	21
	111 1,2-Dichlorobenzene	146	10.474	10.474	(1.032)	271168	20.3486	20
	112 1,2-Dibromo-3-chloropropane	75	11.069	11.063	(1.090)	28275	20.6218	21
	113 Camphor	95	11.757	11.757	(1.158)	76778	70.7017	71
	114 1,2,4-Trichlorobenzene	180	11.545	11.545	(1.137)	227511	21.6823	22
	115 Hexachlorobutadiene	225	11.527	11.527	(1.136)	94816	25.4111	25
	116 Naphthalene	128	11.780	11.780	(1.161)	572736	23.0078	23
	117 1,2,3-Trichlorobenzene	180	11.910	11.904	(1.173)	234671	21.7920	22
M	120 1,2-Dichloroethene (Total)	100				217085	39.0192	39
M	121 Xylene (Total)	100				570033	62.6279	63

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b/d09205.d
Report Date: 21-May-2009 15:09

QC Flag Legend

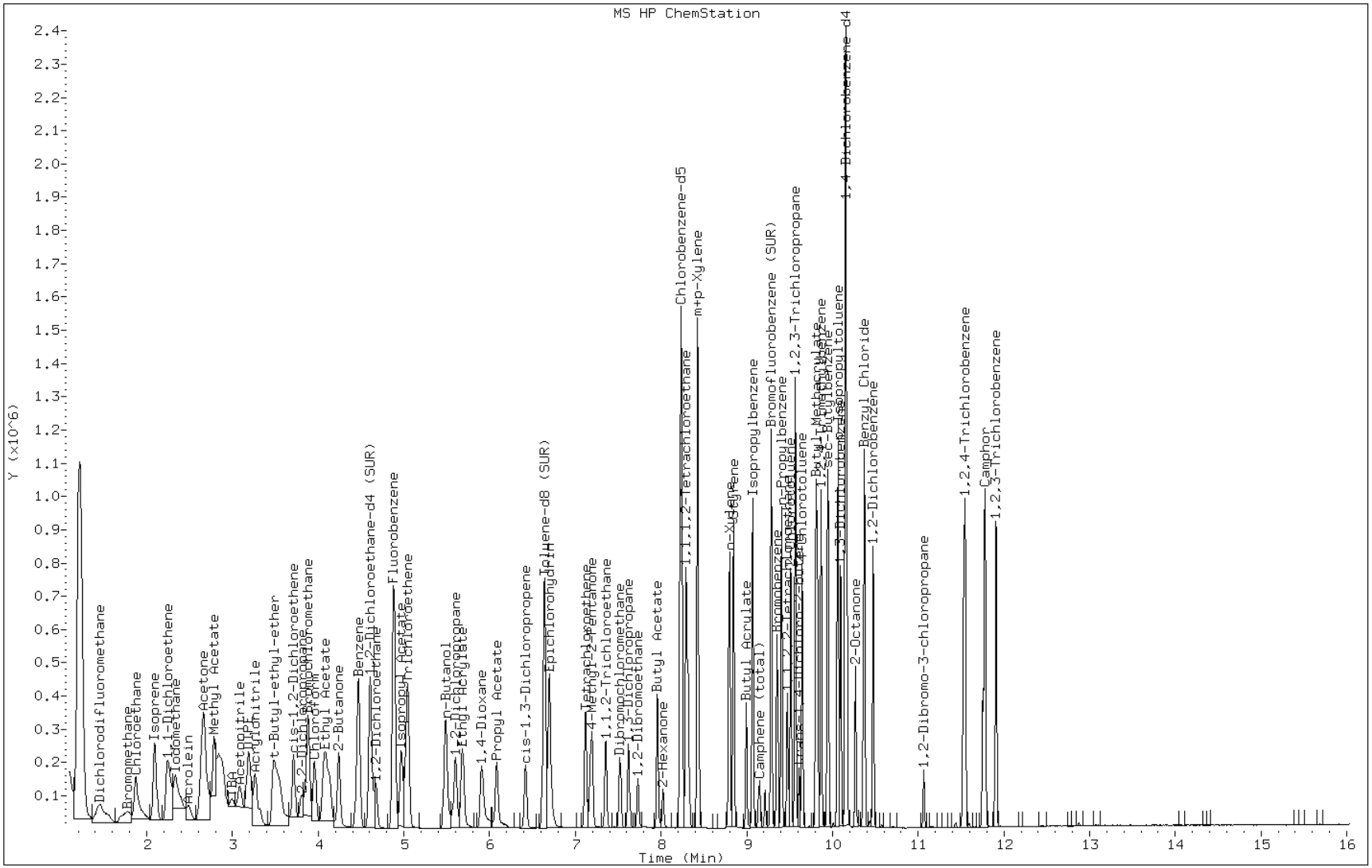
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: d09205.d

Date: 14-MAY-2009 11:11

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1570-d-1msd Operator:



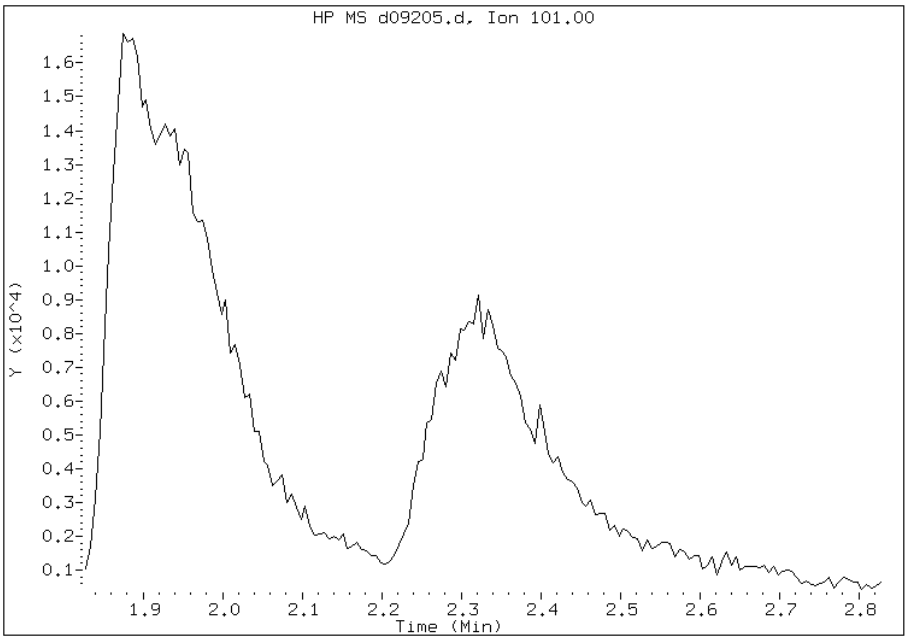
Manual Integration Report

Data File: d09205.d
Inj. Date and Time: 14-MAY-2009 11:11
Instrument ID: VOAMS4.i
Client ID:
Compound: 14 Freon TF
CAS #: 76-13-1
Report Date: 05/21/2009

Processing Integration Results

Not Detected

Expected RT: 2.33



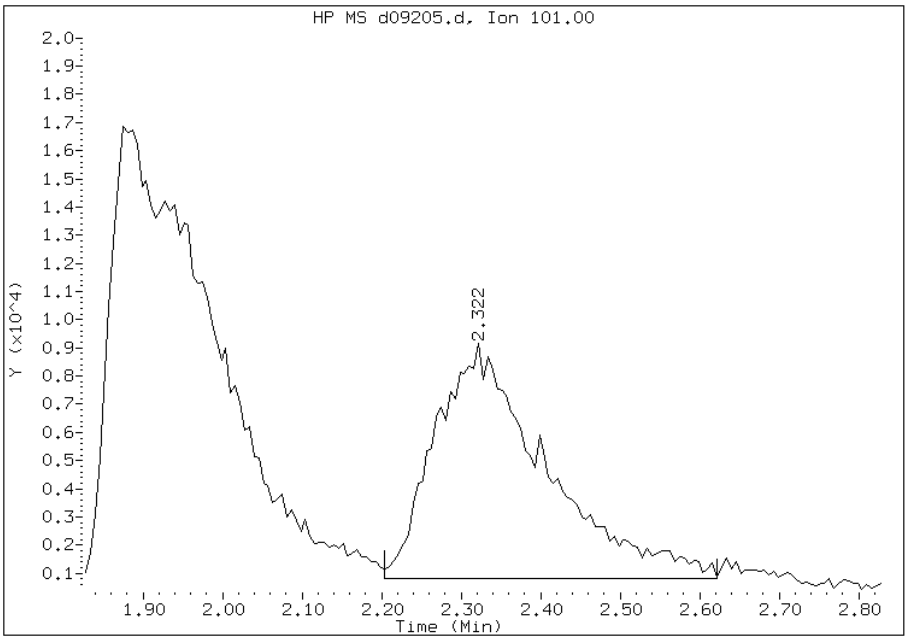
Manual Integration Results

RT: 2.32

Response: 80782

Amount: 18

Conc: 18



Manually Integrated By: vibha
Manual Integration Reason:

Manual Integration Report

Data File: d09205.d
Inj. Date and Time: 14-MAY-2009 11:11
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/21/2009

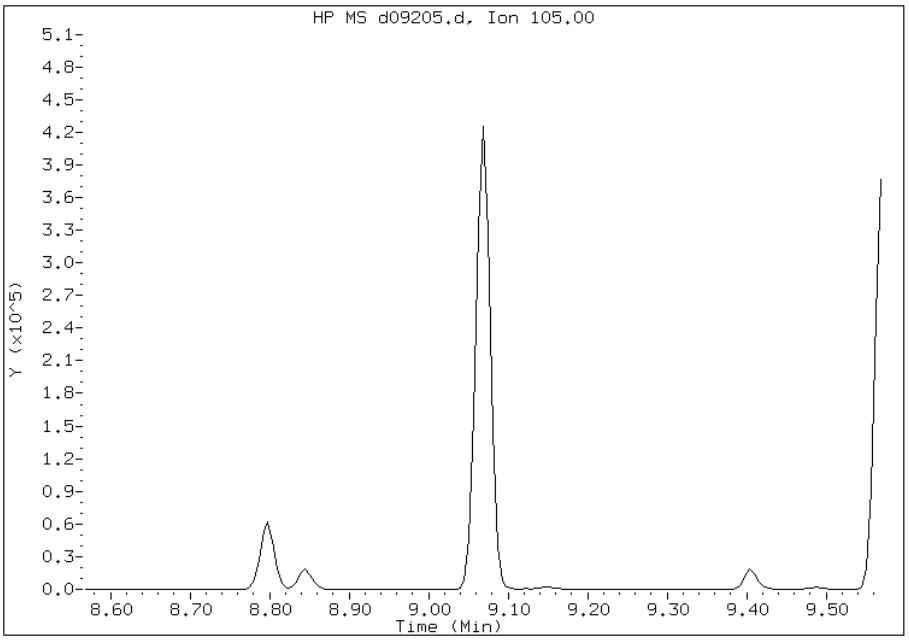
Processing Integration Results

RT: 9.57

Response: 428305

Amount: 19

Conc: 19



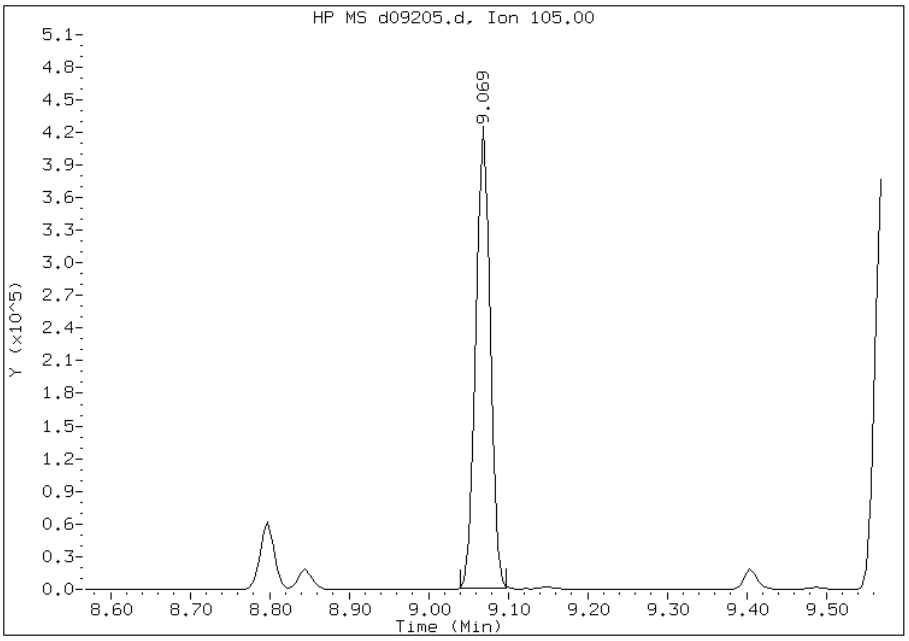
Manual Integration Results

RT: 9.07

Response: 524142

Amount: 23

Conc: 23



Manually Integrated By: vibha
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-1591-C-2 MSD

Matrix: Water | Lab File ID: d09226.d

Analysis Method: 8260B | Date Collected: 05/11/2009 14:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/14/2009 22:07

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 6470 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	78.6		5.0	1.4
74-87-3	Chloromethane	87.1		5.0	1.0
74-83-9	Bromomethane	92.2		5.0	1.6
75-01-4	Vinyl chloride	98.0		5.0	0.65
75-00-3	Chloroethane	101		5.0	2.2
75-69-4	Trichlorofluoromethane	116		5.0	0.80
76-13-1	Freon TF	100		5.0	1.4
75-09-2	Methylene Chloride	104		5.0	0.95
67-64-1	Acetone	104		50	12
75-15-0	Carbon disulfide	109		5.0	0.75
79-20-9	Methyl acetate	112		10	1.6
75-35-4	1,1-Dichloroethene	102		5.0	0.70
75-34-3	1,1-Dichloroethane	101		5.0	0.50
156-59-2	cis-1,2-Dichloroethene	104		5.0	1.0
156-60-5	trans-1,2-Dichloroethene	99.7		5.0	0.70
1634-04-4	MTBE	98.5		5.0	0.90
67-66-3	Chloroform	106		5.0	0.75
107-06-2	1,2-Dichloroethane	120		5.0	1.2
78-93-3	2-Butanone	107		50	4.1
71-55-6	1,1,1-Trichloroethane	109		5.0	1.2
110-82-7	Cyclohexane	106		5.0	0.65
56-23-5	Carbon tetrachloride	114		5.0	0.95
75-27-4	Bromodichloromethane	102		5.0	0.46
78-87-5	1,2-Dichloropropane	99.8		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	95.0		5.0	0.55
79-01-6	Trichloroethene	111		5.0	0.90
108-87-2	Methylcyclohexane	131		5.0	0.45
124-48-1	Dibromochloromethane	104		5.0	0.55
79-00-5	1,1,2-Trichloroethane	104		5.0	0.50
71-43-2	Benzene	125		5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	96.1		5.0	0.60
75-25-2	Bromoform	107		5.0	0.50
98-82-8	Isopropylbenzene	121		5.0	1.0
108-10-1	4-Methyl-2-pentanone	94.6		50	3.4
591-78-6	2-Hexanone	93.2		50	2.8
127-18-4	Tetrachloroethene	114		5.0	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-1591-C-2 MSD

Matrix: Water | Lab File ID: d09226.d

Analysis Method: 8260B | Date Collected: 05/11/2009 14:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/14/2009 22:07

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 6470 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	96.5		5.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	102		5.0	0.45
108-90-7	Chlorobenzene	109		5.0	0.80
100-41-4	Ethylbenzene	316		5.0	1.2
1330-20-7	Xylenes, Total	308		15	2.2
100-42-5	Styrene	97.0		5.0	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	97.6		5.0	0.75
541-73-1	1,3-Dichlorobenzene	102		5.0	1.1
106-46-7	1,4-Dichlorobenzene	102		5.0	0.75
95-50-1	1,2-Dichlorobenzene	101		5.0	0.80
120-82-1	1,2,4-Trichlorobenzene	110		5.0	2.2
106-93-4	1,2-Dibromoethane	100		5.0	0.45

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	56-125	
2037-26-5	Toluene-d8 (Surr)	87	72-127	
460-00-4	Bromofluorobenzene	90	72-145	

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09226.d
Report Date: 18-May-2009 15:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09226.d
Lab Smp Id: 460-1591-c-2MSD
Inj Date : 14-MAY-2009 22:07
Operator : Inst ID: VOAMS4.i
Smp Info : 460-1591-c-2MSD;5
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/8260_09.m
Meth Date : 14-May-2009 18:22 eddie Quant Type: ISTD
Cal Date : 27-APR-2009 22:44 Cal File: d08629.d
Als bottle: 9 QC Sample: MSD
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.363	1.363	(0.279)	58749	15.7296	79
3 Chloromethane	50	1.452	1.457	(0.297)	97035	17.4165	87
4 Vinyl Chloride	62	1.540	1.528	(0.315)	107229	19.6090	98
6 Bromomethane	94	1.769	1.769	(0.362)	73709	18.4308	92
5 Chloroethane	64	1.846	1.857	(0.378)	68189	20.1134	100
7 Trichlorofluoromethane	101	1.887	1.881	(0.386)	136439	23.1642	120
8 n-Pentane	72	1.887	1.881	(0.386)	9932	17.9950	90
10 Isoprene	67	2.099	2.093	(0.429)	101312	21.1944	100
11 Ethyl Ether	59	2.110	2.104	(0.432)	60665	19.1785	96
13 Acrolein	56	2.499	2.504	(0.511)	26392	48.2946	240
15 1,1-Dichloroethene	96	2.246	2.246	(0.460)	77068	20.3002	100
14 Freon TF	101	2.334	2.328	(0.478)	69476	20.0624	100
16 Acetone	58	2.734	2.728	(0.559)	10613	20.7233	100
17 Iodomethane	142	2.346	2.346	(0.480)	163137	19.6023	98
18 Carbon Disulfide	76	2.263	2.257	(0.463)	270918	21.7064	110
19 Isopropanol	45	2.657	2.651	(0.544)	914752	3212.36	16000

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09226.d
Report Date: 18-May-2009 15:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	21 Acetonitrile	39	3.087	3.087	(0.632)	38360	337.563	1700
	27 Methyl Acetate	74	2.822	2.816	(0.578)	36886	22.4949	110
	22 Methylene Chloride	84	2.675	2.675	(0.547)	94497	20.8365	100
	24 TBA	59	3.004	3.022	(0.615)	170962	379.469	1900
	25 trans-1,2-Dichloroethene	96	2.793	2.787	(0.571)	82307	19.9413	100
	26 Acrylonitrile	53	3.328	3.322	(0.681)	33573	19.8455	99
	28 MTBE	73	2.893	2.893	(0.592)	234854	19.7075	98
	29 Hexane	56	2.851	2.846	(0.584)	53179	21.5828	110
	30 1,1-Dichloroethane	63	3.275	3.269	(0.670)	135114	20.1550	100
	32 DIPE	45	3.193	3.199	(0.653)	245759	20.5352	100
	35 t-Butyl-ethyl-ether	59	3.493	3.487	(0.715)	313022	24.8033	120
	37 2,2-Dichloropropane	77	3.816	3.810	(0.781)	104217	22.6356	110
	36 cis-1,2-Dichloroethene	96	3.722	3.722	(0.762)	96888	20.7019	100
	38 2-Butanone	72	4.251	4.251	(0.870)	14330	21.4265	110
	39 Ethyl Acetate	70	4.093	4.093	(0.838)	19693	44.3867	220
	40 Bromochloromethane	128	3.893	3.887	(0.797)	56118	21.1734	100
	41 Tetrahydrofuran	42	4.098	4.093	(0.839)	39257	19.6819	98
	42 Chloroform	83	3.969	3.963	(0.812)	149935	21.1630	100
	43 1,1,1-Trichloroethane	97	4.140	4.134	(0.847)	127473	21.7313	110
	44 Cyclohexane	56	3.887	3.875	(0.795)	113701	21.1324	100
	45 Carbon Tetrachloride	117	4.075	4.069	(0.834)	140647	22.7053	110
	46 1,1-Dichloropropene	75	4.245	4.245	(0.869)	101441	20.1117	100
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.616	4.610	(0.945)	27942	48.1761	48
	48 Benzene	78	4.481	4.475	(0.544)	389721	25.0703	120
	49 1,2-Dichloroethane	62	4.681	4.675	(0.958)	120030	24.0699	120
	51 n-Heptane	57	4.463	4.457	(0.913)	45687	26.6996	130(R)
	50 t-Amyl-methyl-ether	73	4.616	4.616	(0.945)	230102	20.0436	100
	61 Isopropyl Acetate	43	4.975	4.975	(1.018)	283332	39.6733	200
*	52 Fluorobenzene	96	4.887	4.887	(1.000)	717973	50.0000	
	54 Trichloroethene	95	5.057	5.057	(1.035)	94581	22.2726	110
	53 n-Butanol	56	5.487	5.492	(1.123)	203953	1648.01	8200
	56 Methyl cyclohexane	83	5.040	5.040	(1.031)	137374	26.2700	130(R)
	55 Ethyl Acrylate	55	5.687	5.681	(1.164)	89557	19.2133	96
	57 1,2-Dichloropropane	63	5.604	5.604	(1.147)	79439	19.9502	100
	58 Dibromomethane	93	5.492	5.492	(1.124)	57225	20.4964	100
	60 1,4-Dioxane	88	5.922	5.922	(1.212)	163905	3305.54	16000
	59 Methyl Methacrylate	100	5.910	5.910	(1.209)	22761	20.7967	100
	75 Propyl Acetate	43	6.087	6.087	(1.246)	204050	39.2055	200
	68 Bromodichloromethane	83	5.692	5.692	(1.165)	105800	20.3179	100
	62 2-Chloroethyl Vinyl Ether	63	6.404	6.387	(1.311)	1012	0.43187	2.2(aR)
	63 Epichlorohydrin	57	6.745	6.745	(0.819)	143954	375.082	1900
	67 cis-1,3-Dichloropropene	75	6.428	6.422	(0.781)	113550	18.9960	95
	70 4-Methyl-2-Pentanone	43	7.181	7.181	(0.872)	76692	18.9173	94
$	65 Toluene-d8 (SUR)	98	6.645	6.645	(0.807)	511490	43.4316	43
	66 Toluene	91	6.704	6.704	(0.814)	336333	19.3048	96
	64 trans-1,3-Dichloropropene	75	7.198	7.198	(0.874)	104170	19.2122	96
	69 1,1,2-Trichloroethane	83	7.363	7.363	(0.894)	61313	20.7058	100

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09226.d
Report Date: 18-May-2009 15:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	7.128	7.122	(0.866)	113727	22.8013	110
	72 1,3-Dichloropropane	76	7.628	7.628	(0.926)	114262	18.9129	94
	73 2-Hexanone	43	8.028	8.028	(0.975)	47405	18.6337	93
	74 Dibromochloromethane	129	7.528	7.528	(0.914)	93059	20.8191	100
	76 Butyl Acetate	73	7.963	7.963	(0.967)	37753	37.2940	190
	77 1,2-Dibromoethane	107	7.734	7.734	(0.939)	78365	20.0364	100
*	78 Chlorobenzene-d5	117	8.233	8.233	(1.000)	563320	50.0000	
	79 Chlorobenzene	112	8.251	8.251	(1.002)	252321	21.7937	110
	80 1,1,1,2-Tetrachloroethane	131	8.322	8.322	(1.011)	103939	21.4942	110
	81 Ethylbenzene	106	8.298	8.298	(1.008)	369491	63.2334	320(R)
	82 m+p-Xylene	106	8.433	8.433	(1.024)	295167	41.0586	200
	84 o-Xylene	106	8.804	8.804	(1.069)	149710	20.5182	100
	85 Styrene	104	8.851	8.851	(1.075)	212713	19.4028	97
	83 Butyl Acrylate	73	8.998	8.998	(1.093)	50838	16.4201	82
	86 Bromoform	173	8.851	8.851	(1.075)	72135	21.3929	110
	88 Isopropylbenzene	105	9.075	9.075	(1.102)	428196	24.1157	120(M)
$	89 Bromofluorobenzene (SUR)	174	9.292	9.286	(0.915)	249497	44.8234	45
	90 Camphene (total)	93	9.151	9.151	(1.111)	105926	23.1539	120
	91 Bromobenzene	156	9.357	9.357	(0.921)	116556	20.1498	100
	92 1,1,2,2-Tetrachloroethane	83	9.480	9.480	(0.933)	112683	20.3249	100
	93 1,2,3-Trichloropropane	110	9.569	9.569	(0.942)	35494	19.8342	99
	94 trans-1,4-Dichloro-2-butene	53	9.616	9.616	(0.947)	20759	19.1767	96
	95 n-Propylbenzene	91	9.410	9.410	(0.926)	445555	21.0819	100
	96 2-Chlorotoluene	91	9.516	9.516	(0.937)	262689	19.2661	96
	97 1,3,5-Trimethylbenzene	105	9.575	9.575	(0.943)	342987	21.1229	100
	98 4-Chlorotoluene	91	9.651	9.651	(0.950)	256261	19.5838	98
	99 Butyl Methacrylate	87	9.827	9.827	(0.968)	98306	15.3979	77
	100 tert-Butylbenzene	119	9.816	9.816	(0.966)	301868	21.7832	110
	101 1,2,4-Trimethylbenzene	105	9.869	9.869	(0.972)	347318	20.9093	100
	102 2-Octanone	43	10.274	10.274	(1.012)	125228	15.3858	77
	103 sec-Butylbenzene	105	9.951	9.951	(0.980)	456334	18.7172	94
	105 1,3-Dichlorobenzene	146	10.098	10.098	(0.994)	213601	20.4176	100
	107 p-Isopropyltoluene	119	10.069	10.069	(0.991)	396471	13.1510	66(R)
*	108 1,4-Dichlorobenzene-d4	152	10.157	10.157	(1.000)	322563	50.0000	
	109 1,4-Dichlorobenzene	146	10.169	10.169	(1.001)	218491	20.4429	100
	110 Benzyl Chloride	91	10.380	10.380	(1.022)	525526	22.6904	110
	106 n-Butylbenzene	91	10.380	10.380	(1.022)	525526	22.6904	110
	111 1,2-Dichlorobenzene	146	10.480	10.480	(1.032)	216425	20.1977	100
	112 1,2-Dibromo-3-chloropropane	75	11.069	11.069	(1.090)	21518	19.5175	98
	113 Camphor	95	11.763	11.763	(1.158)	62518	71.5930	360
	114 1,2,4-Trichlorobenzene	180	11.551	11.551	(1.137)	186027	22.0484	110
	115 Hexachlorobutadiene	225	11.533	11.533	(1.135)	84017	28.0031	140(R)
	116 Naphthalene	128	11.780	11.786	(1.160)	472782	23.6199	120
	117 1,2,3-Trichlorobenzene	180	11.910	11.910	(1.173)	196052	22.6416	110
M	120 1,2-Dichloroethene (Total)	100				179195	40.6910	200
M	121 Xylene (Total)	100				444877	61.5767	310

Data File: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b/d09226.d
Report Date: 18-May-2009 15:18

QC Flag Legend

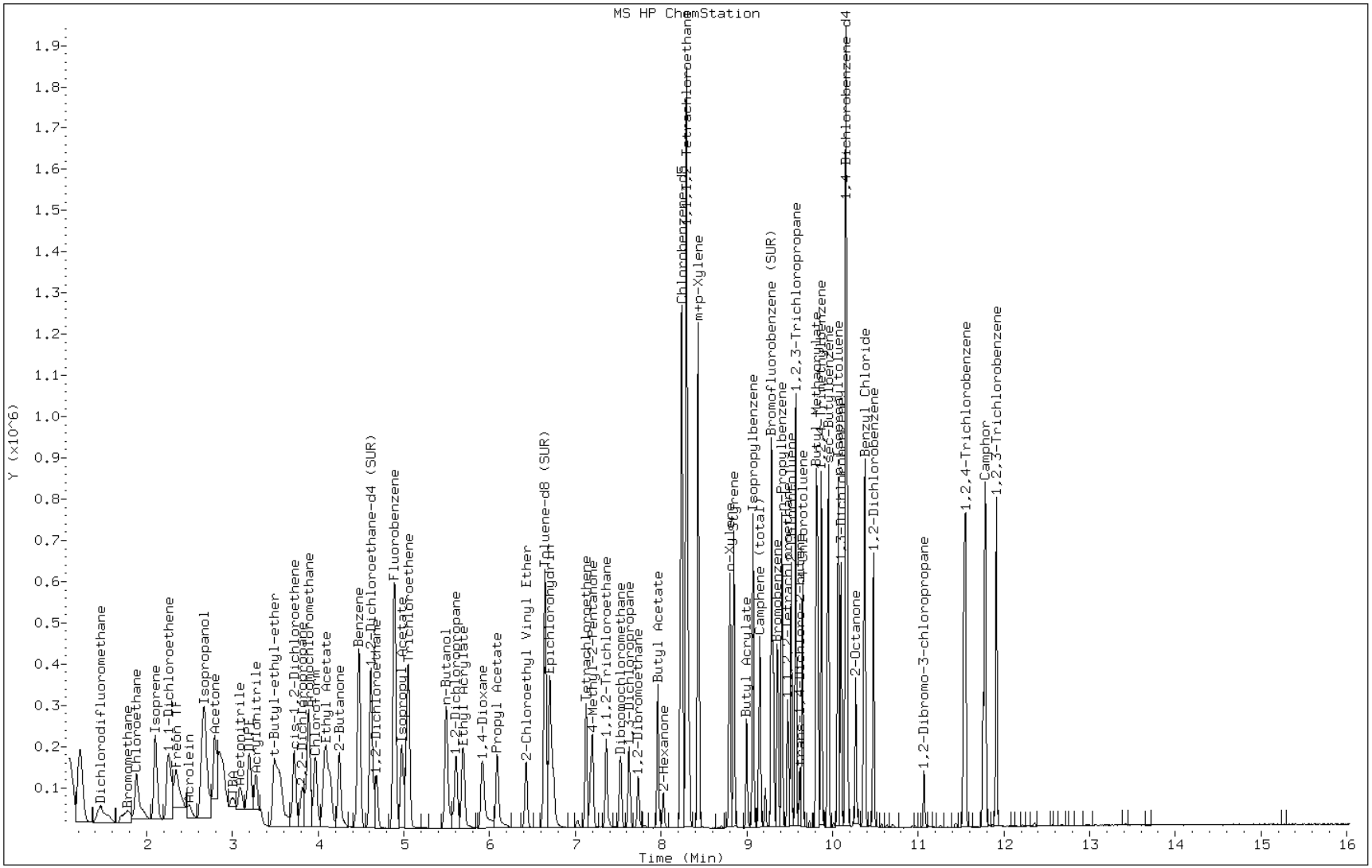
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: d09226.d

Date: 14-MAY-2009 22:07

Client ID: Instrument: VOAMS4.i

Sample Info: 460-1591-c-2MSD;5 Operator:



Manual Integration Report

Data File: d09226.d
Inj. Date and Time: 14-MAY-2009 22:07
Instrument ID: VOAMS4.i
Client ID:
Compound: 88 Isopropylbenzene
CAS #: 98-82-8
Report Date: 05/18/2009

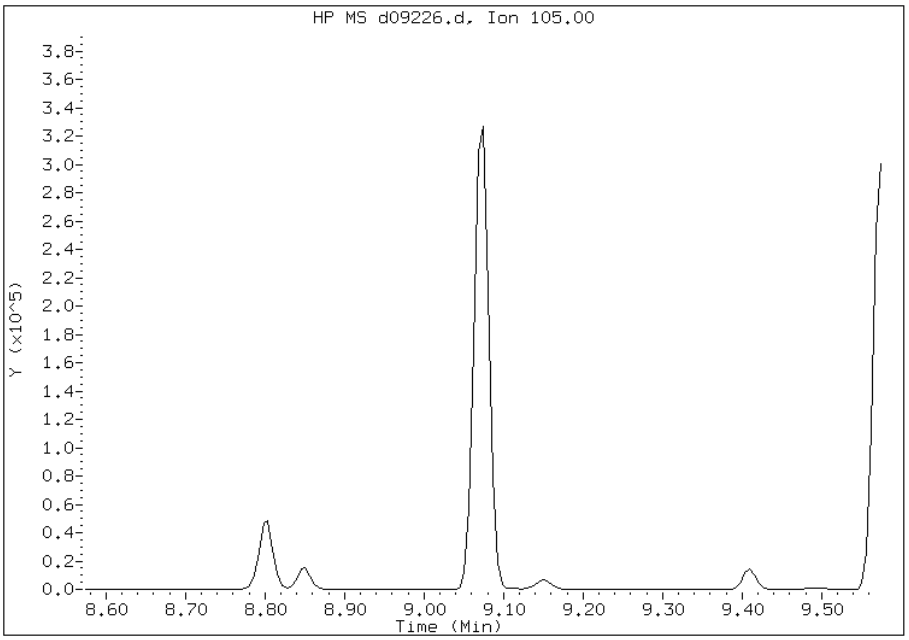
Processing Integration Results

RT: 9.57

Response: 342987

Amount: 19

Conc: 97



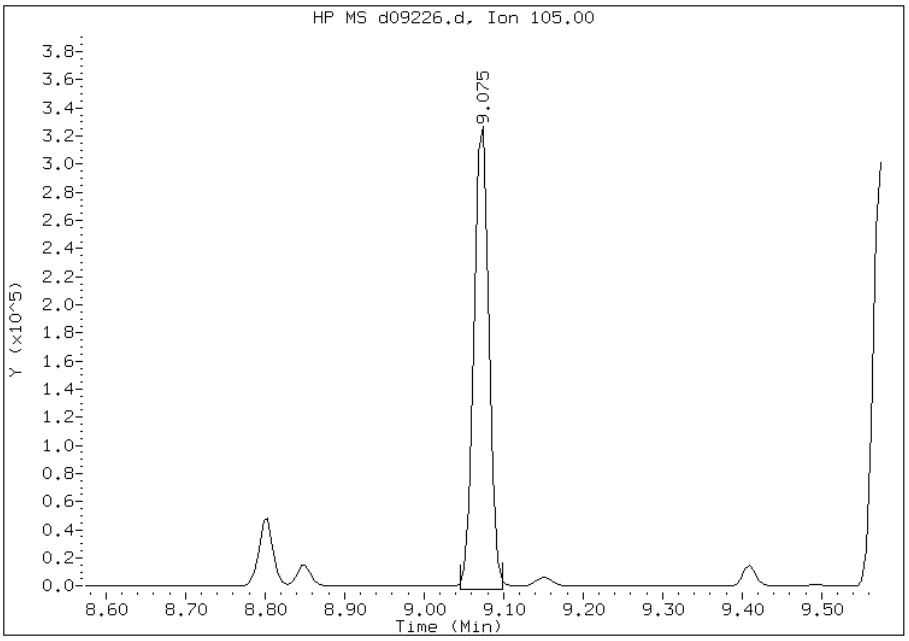
Manual Integration Results

RT: 9.07

Response: 428196

Amount: 24

Conc: 121



Manually Integrated By: pritch
Manual Integration Reason:

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 04/27/2009 18:44

Analysis Batch Number: 4971 End Date: 04/28/2009 05:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-4971/1		04/27/2009 18:44	1	d08620.d	DB-624 0.18(mm)
IC 460-4971/2		04/27/2009 20:18	1	d08623.d	DB-624 0.18(mm)
IC 460-4971/3		04/27/2009 21:07	1	d08625.d	DB-624 0.18(mm)
ICIS 460-4971/4		04/27/2009 21:31	1	d08626.d	DB-624 0.18(mm)
IC 460-4971/5		04/27/2009 21:55	1	d08627.d	DB-624 0.18(mm)
IC 460-4971/6		04/27/2009 22:20	1	d08628.d	DB-624 0.18(mm)
IC 460-4971/7		04/27/2009 22:44	1	d08629.d	DB-624 0.18(mm)
ZZZZZ		04/28/2009 00:53	50		DB-624 0.18(mm)
ZZZZZ		04/28/2009 03:24	50		DB-624 0.18(mm)
ZZZZZ		04/28/2009 03:50	200		DB-624 0.18(mm)
ZZZZZ		04/28/2009 05:05	200		DB-624 0.18(mm)
ZZZZZ		04/28/2009 05:26	200		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 05/14/2009 04:14

Analysis Batch Number: 6344 End Date: 05/14/2009 15:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-6344/1		05/14/2009 04:14	1	d09189.d	DB-624 0.18(mm)
CCVIS 460-6344/2		05/14/2009 05:03	1	d09191.d	DB-624 0.18(mm)
LCS 460-6344/3		05/14/2009 05:54	1	d09192.d	DB-624 0.18(mm)
ZZZZZ		05/14/2009 06:19	1		DB-624 0.18(mm)
MB 460-6344/5		05/14/2009 07:32	1	d09196.d	DB-624 0.18(mm)
ZZZZZ		05/14/2009 07:56	10		DB-624 0.18(mm)
ZZZZZ		05/14/2009 08:21	1		DB-624 0.18(mm)
ZZZZZ		05/14/2009 08:45	1		DB-624 0.18(mm)
ZZZZZ		05/14/2009 09:34	10		DB-624 0.18(mm)
ZZZZZ		05/14/2009 09:58	5		DB-624 0.18(mm)
460-1570-1	GW-017338-050809-ACH-001	05/14/2009 10:22	1	d09203.d	DB-624 0.18(mm)
460-1570-1 MS	GW-017338-050809-ACH-001 MS	05/14/2009 10:47	1	d09204.d	DB-624 0.18(mm)
460-1570-1 MSD	GW-017338-050809-ACH-001 MSD	05/14/2009 11:11	1	d09205.d	DB-624 0.18(mm)
460-1570-3	GW-017338-050809-ACH-003	05/14/2009 12:25	1	d09208.d	DB-624 0.18(mm)
460-1570-4	GW-017338-050809-ACH-004	05/14/2009 12:49	1	d09209.d	DB-624 0.18(mm)
460-1570-5	GW-017338-050809-ACH-005	05/14/2009 13:14	1	d09210.d	DB-624 0.18(mm)
460-1570-6	TB-017338-050809-ACH-001	05/14/2009 13:38	1	d09211.d	DB-624 0.18(mm)
ZZZZZ		05/14/2009 14:02	1		DB-624 0.18(mm)
ZZZZZ		05/14/2009 14:26	1		DB-624 0.18(mm)
ZZZZZ		05/14/2009 14:51	1		DB-624 0.18(mm)
ZZZZZ		05/14/2009 15:15	1		DB-624 0.18(mm)
ZZZZZ		05/14/2009 15:40	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 05/14/2009 17:01

Analysis Batch Number: 6470 End Date: 05/15/2009 03:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-6470/1		05/14/2009 17:01	1	d09217.d	DB-624 0.18(mm)
CCVIS 460-6470/2		05/14/2009 17:41	1	d09218.d	DB-624 0.18(mm)
LCS 460-6470/3		05/14/2009 18:06	1	d09219.d	DB-624 0.18(mm)
MB 460-6470/4		05/14/2009 19:37	1	d09222.d	DB-624 0.18(mm)
460-1570-2	GW-017338-050809-ACH-002	05/14/2009 20:42	1	d09223.d	DB-624 0.18(mm)
ZZZZZ		05/14/2009 21:06	5		DB-624 0.18(mm)
460-1591-C-2 MS		05/14/2009 21:43	5	d09225.d	DB-624 0.18(mm)
460-1591-C-2 MSD		05/14/2009 22:07	5	d09226.d	DB-624 0.18(mm)
ZZZZZ		05/14/2009 23:19	1		DB-624 0.18(mm)
ZZZZZ		05/14/2009 23:44	1		DB-624 0.18(mm)
ZZZZZ		05/15/2009 00:08	1		DB-624 0.18(mm)
ZZZZZ		05/15/2009 00:33	1		DB-624 0.18(mm)
ZZZZZ		05/15/2009 00:57	1		DB-624 0.18(mm)
ZZZZZ		05/15/2009 01:21	1		DB-624 0.18(mm)
ZZZZZ		05/15/2009 01:45	1		DB-624 0.18(mm)
ZZZZZ		05/15/2009 02:10	1		DB-624 0.18(mm)
ZZZZZ		05/15/2009 02:34	1		DB-624 0.18(mm)
ZZZZZ		05/15/2009 02:58	1		DB-624 0.18(mm)
ZZZZZ		05/15/2009 03:22	1		DB-624 0.18(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH1ppb/04-17-09/27apr09.b

Date Generated: 04/28/2009

Page 1

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
04/27/09 0614	d08603.d	2	BFB	DBFB117			0	0	1	all			8260-HIGH	G
04/27/09 0640	d08604.d	1	CCVIS	DSTD117			5	0	1	all			GAS 500: 40673 MIX 1 500: 35644	G
04/27/09 0720	d08605.d	3	BS				5	0	1	8260all			MIX 2 500: 35696	G NA
04/27/09 0745	d08606.d	4	DV117	DV117			5	0	1	all			MIX 3: 35697 MIX 4 500: NA	NA
04/27/09 0809	d08607.d	5	DV117	DV117			5	0	1	all			GAS SP: 40673 8260 SP: 35699	NA
04/27/09 0834	d08608.d	6	DV117	DV117			5	0	1	all			MIX 3 SP: 35698 MIX 4 SP: NA	G
04/27/09 0915	d08609.d	1	997616 C	TB042209	H166	2873	5	0	1	HSLVOAv	DV117	LZ	BFB: 26230	conf d08590.d
04/27/09 0940	d08610.d	2	997615 C	MW-4	H166	2873	5	0	10	HSLVOAv		LZ	8260 ISTD: 37421 SURR 500: NA	G
04/27/09 1004	d08611.d	3	997617 C	ISCO-3	H166	2873	5	0	20	HSLVOAv		LZ	SURR 250: 39559	G
04/27/09 1029	d08612.d	4	997618 C	PDW-2	H166	2873	5	0	20	HSLVOAv		LZ	MISC: AC/AC H: 35704	G
04/27/09 1053	d08613.d	5	997619 C	BCM-1	H166	2873	5	0	50	HSLVOAv		LZ	AC/ACSP 35705 Meoh	G
04/27/09 1117	d08614.d	6	BLANK		27ap		5	0	1	all			G32679	NA
04/27/09 1142	d08615.d	7	995927 d	MW-3_20090430	G866	2833	5	0	100	DELTA		LZ		conf d08445.d
04/27/09 1206	d08616.d	8	995931 bd	RW-10_20090430	G866	2833	5	0	50	DELTA		LZ		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260HIGH1ppb/04-17-09/27apr09.b

Date Generated: 04/28/2009

Page 2

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
04/27/09 1302	d08617.d	9	998031 b	INFAPL09WCGSN	H240	2873	5	0	10	HSLVOAv+10	DV117	12		G

Signed: Christopher Mowry Read and Understood by: [signature]

Date: 4-28-09 Date: 4/28/09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b

Date Generated: 05/14/2009

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
05/14/09 0414	d09189.d	2	BFB		0	0	1	all		8260-HIGH	
05/14/09 0439	d09190.d	1	CCVIS		5	10	1	all		GAS 500: 54795	G
05/14/09 0503	d09191.d	2	CCVIS		5	10	1	all		MIX 1 500: 45500	NG
05/14/09 0554	d09192.d	3	LCS		5	0	1	all		MIX 2 500: 45503	
05/14/09 0619	d09193.d	4	LCSD		5	0	1	all		MIX 3: 45504	G
05/14/09 0643	d09194.d	5	MB		5	0	1	all		MIX 4 500:	
05/14/09 0708	d09195.d	6	MB		5	0	1	all		GAS SP: 54796	G
05/14/09 0732	d09196.d	7	MB		5	0	1	all		8260 SP: 45506	NG
05/14/09 0756	d09197.d	8	460-1553-c-7		5	0	10	all	Z2	MIX 3 SP: 45505	
05/14/09 0821	d09198.d	9	460-1553-c-2		5	0	1	all	Z2	MIX 4 SP:	NG
05/14/09 0845	d09199.d	10	460-1553-b-4		5	0	1	all	Z2	BFB: 46670	
05/14/09 0909	d09200.d	11	460-1553-c-5		5	0	1	all	Z2	8260 ISTD: 49085	NG
05/14/09 0934	d09201.d	12	460-1553-c-6		5	0	10	all	Z2	SURR 500: 45507 45508	G
05/14/09 0958	d09202.d	13	460-1553-b-10		5	0	5	all	Z2	SURR 250: G32E79	G
										MISC:	G
											G
											NG 5X
											G Link w/6188
											G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/04-27-09/14may09.b

Date Generated: 05/14/2009

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
05/14/09 1022	d09203.d	14	460-1570-d-1		5	0	1	all	12		G
05/14/09 1047	d09204.d	15	460-1570-d-1ms		5	0	1	all	12		G
05/14/09 1111	d09205.d	16	460-1570-d-1msd		5	0	1	all	12		G
05/14/09 1135	d09206.d	17	blank		5	0	1	all			-
	d09207.d	1			5	10	1	all			NG Corrupt file
05/14/09 1225	d09208.d	19	460-1570-f-3		5	0	1	all	12		G
05/14/09 1249	d09209.d	20	460-1570-f-4		5	0	1	all	12		G
05/14/09 1314	d09210.d	21	460-1570-f-5		5	0	1	all	12		G
05/14/09 1338	d09211.d	22	460-1570-c-6		5	0	1	all	12		G
05/14/09 1402	d09212.d	23	460-1542-b-1		5	0	1	all	12		G
05/14/09 1426	d09213.d	24	460-1542-c-2		5	0	1	all	12		G
05/14/09 1451	d09214.d	25	460-1542-c-3		5	0	1	all	12		G
05/14/09 1515	d09215.d	26	460-1542-c-4		5	0	1	all	12		G
05/14/09 1540	d09216.d	27	460-1542-c-5		5	0	1	all	12		G

Signed: Eddie Man 05/14/09 Read and Understood by: Ken Boyd 05/14/09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b

Date Generated: 05/15/2009

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
05/14/09 1701	d09217.d	2	BFB		0	0	1	all			G
05/14/09 1741	d09218.d	1	CCVIS		5	0	1	all		8260-HIGH	G
05/14/09 1806	d09219.d	2	LCS		5	0	1	all		GAS 500: 54795 MIX 1 500: 45500 MIX 2 500: 45503 MIX 3: 45504 MIX 4 500: 45507 GAS SP: 54796 8260 SP: 45506 MIX 3 SP: 45505 MIX 4 SP: 45508 BFB:	G
05/14/09 1848	d09220.d	3	MB		5	0	1	all			(N.U.)
05/14/09 1913	d09221.d	4	MB		5	0	1	all			↓
05/14/09 1937	d09222.d	5	MB		5	0	1	all			G
05/14/09 2042	d09223.d	6	460-1570-f-2		5	0	1	all	1.3		G
05/14/09 2106	d09224.d	7	460-1553-b-5		5	0	5	all	1.3		RR 20X
05/14/09 2143	d09225.d	8	460-1591-c-2MS		5	0	5	all	1.3	8260 ISTD: 49085 SURR 500:	G
05/14/09 2207	d09226.d	9	460-1591-c-2MSD		5	0	5	all	1.3	SURR 250: 46670 MISC:	G
05/14/09 2231	d09227.d	10	BLK		5	0	1	all	-	(M104 G32E79)	(N.U.)
05/14/09 2255	d09228.d	11	460-1591-c-2		5	0	5	all	1.3		RR 1X
05/14/09 2319	d09229.d	12	460-1661-c-1		5	0	1	all	1.3		G
05/14/09 2344	d09230.d	13	460-1661-c-2		5	0	1	all	1.3		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/04-27-09/14may09a.b

Date Generated: 05/15/2009

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
05/15/09 0008	d09231.d	14	460-1661-c-3		5	0	1	all	1.3		G
05/15/09 0033	d09232.d	15	460-1661-c-4		5	0	1	all	1.3		G
05/15/09 0057	d09233.d	16	460-1467-f-4		5	0	1	all	1.3		G
05/15/09 0121	d09234.d	17	460-1467-b-5		5	0	1	all	1.3		G
05/15/09 0145	d09235.d	18	460-1589-b-3		5	0	1	all	1.3		G
05/15/09 0210	d09236.d	19	460-1591-b-1		5	0	1	all	1.3		G
05/15/09 0234	d09237.d	20	460-1657-c-1		5	0	1	all	1.3		G
05/15/09 0258	d09238.d	21	460-1657-c-2		5	0	1	all	1.3		G
05/15/09 0322	d09239.d	22	460-1657-c-3		5	0	1	all	1.3		G
05/15/09 0538	d09240.d	23	460-1657-c-4		5	0	1	all	1.3		RR PAST clock.

Signed: Audberto for EddieM Read and Understood by: A. Tupayachi

Date: 5-15-09. Date: 5-15-09.

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
GW-017338-050809-A CH-001	460-1570-1	50	35	92	85	102	88
GW-017338-050809-A CH-002	460-1570-2	46	32	87	84	98	87
GW-017338-050809-A CH-003	460-1570-3	61	53 X	84	84	96	82
GW-017338-050809-A CH-004	460-1570-4	50	38	82	86	97	80
GW-017338-050809-A CH-005	460-1570-5	48	35	89	84	98	89
	MB 460-6177/1-A	50	35	86	82	94	84
	LCS 460-6177/2-A	50	35	91	84	100	96
GW-017338-050809-A CH-001 MS	460-1570-1 MS	46	34	88	84	99	85
GW-017338-050809-A CH-001 MSD	460-1570-1 MSD	59	40	100	90	104	98

	QC LIMITS
2FP = 2-Fluorophenol	19-66
PHL = Phenol-d5	13-44
NBZ = Nitrobenzene-d5	49-114
FBP = 2-Fluorobiphenyl	53-110
TBP = 2,4,6-Tribromophenol	52-122
TPH = Terphenyl-d14	46-129

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: s42619.d

Lab ID: LCS 460-6177/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	100	96.5	96	26-176	
Phenol	100	41.6	42	17-145	
Bis(2-chloroethyl)ether	100	97.3	97	47-122	
2-Chlorophenol	100	77.8	78	58-98	
2-Methylphenol	100	74.5	74	50-86	
Acetophenone	100	106	106	66-112	
N-Nitrosodi-n-propylamine	100	93.1	93	56-120	
Hexachloroethane	100	70.6	71	12-127	
Nitrobenzene	100	86.7	87	21-131	
Isophorone	100	87.6	88	39-136	
2-Nitrophenol	100	86.7	87	65-113	
2,4-Dimethylphenol	100	78.2	78	38-111	
Bis(2-chloroethoxy)methane	100	91.1	91	66-112	
2,4-Dichlorophenol	100	90.1	90	22-143	
Naphthalene	100	80.4	80	61-108	
4-Chloroaniline	100	82.1	82	32-97	
Hexachlorobutadiene	100	87.7	88	43-112	
Caprolactam	100	29.3	29	2-35	
4-Chloro-3-methylphenol	100	86.2	86	59-107	
2-Methylnaphthalene	100	90.7	91	57-110	
Hexachlorocyclopentadiene	100	69.5	69	41-124	
2,4,6-Trichlorophenol	100	89.6	90	65-117	
2,4,5-Trichlorophenol	100	87.3	87	66-111	
2-Chloronaphthalene	100	80.1	80	64-109	
2-Nitroaniline	100	82.6	83	65-116	
Dimethyl phthalate	100	92.9	93	68-110	
Acenaphthylene	100	78.5	78	63-110	
2,6-Dinitrotoluene	100	85.8	86	73-112	
3-Nitroaniline	100	78.5	78	55-100	
Acenaphthene	100	79.7	80	66-117	
2,4-Dinitrophenol	100	87.8	88	59-130	
4-Nitrophenol	100	32.9	33	0.1-111	
Dibenzofuran	100	84.4	84	70-113	
2,4-Dinitrotoluene	100	86.8	87	70-117	
Diethyl phthalate	100	79.2	79	69-110	
4-Chlorophenyl phenyl ether	100	89.3	89	65-116	
Fluorene	100	92.2	92	70-110	
4-Nitroaniline	100	76.1	76	55-107	
4,6-Dinitro-2-methylphenol	100	86.3	86	58-129	
N-Nitrosodiphenylamine	100	88.1	88	61-111	
4-Bromophenyl phenyl ether	100	93.0	93	61-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: s42619.d

Lab ID: LCS 460-6177/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Hexachlorobenzene	100	95.0	95	59-120	
Atrazine	100	87.1	87	46-128	
Pentachlorophenol	100	96.9	97	72-122	
Phenanthrene	100	82.3	82	65-115	
Anthracene	100	82.7	83	69-106	
Carbazole	100	77.9	78	65-106	
Di-n-butyl phthalate	100	72.3	72	59-113	
Fluoranthene	100	83.7	84	60-113	
Pyrene	100	85.7	86	66-115	
Butyl benzyl phthalate	100	74.6	75	66-110	
3,3'-Dichlorobenzidine	100	88.3	88	34-100	
Benzo[a]anthracene	100	88.6	89	64-110	
Chrysene	100	87.6	88	67-115	
Bis(2-ethylhexyl) phthalate	100	62.8	63	66-112	*
Di-n-octyl phthalate	100	70.6	71	62-174	
Benzo[b]fluoranthene	100	85.8	86	60-164	
Benzo[k]fluoranthene	100	84.4	84	48-199	
Benzo[a]pyrene	100	75.6	76	50-172	
Indeno[1,2,3-cd]pyrene	100	88.0	88	44-191	
Dibenz(a,h)anthracene	100	84.7	85	42-186	
Benzo[g,h,i]perylene	100	81.0	81	37-192	
Diphenyl	100	81.9	82	67-112	
bis (2-chloroisopropyl) ether	100	84.2	84	47-122	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: s42621.d

Lab ID: 460-1570-1 MS Client ID: GW-017338-050809-ACH-001 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzaldehyde	100	10 U	90.5	91	26-176	
Phenol	100	10 U	40.3	40	17-145	
Bis(2-chloroethyl)ether	100	1.0 U	95.8	96	47-122	
2-Chlorophenol	100	10 U	73.9	74	58-98	
2-Methylphenol	100	10 U	70.7	71	50-86	
Acetophenone	100	10 U	105	105	66-112	
N-Nitrosodi-n-propylamine	100	1.0 U	92.2	92	56-120	
Hexachloroethane	100	1.0 U	68.0	68	12-127	
Nitrobenzene	100	1.0 U	80.3	80	21-131	
Isophorone	100	10 U	84.0	84	39-136	
2-Nitrophenol	100	10 U	82.9	83	65-113	
2,4-Dimethylphenol	100	10 U	78.2	78	38-111	
Bis(2-chloroethoxy)methane	100	10 U	87.5	88	66-112	
2,4-Dichlorophenol	100	10 U	86.7	87	22-143	
Naphthalene	100	10 U	77.4	77	61-108	
4-Chloroaniline	100	10 U	79.4	79	32-97	
Hexachlorobutadiene	100	2.0 U	85.4	85	43-112	
Caprolactam	100	10 U	26.3	26	2-35	
4-Chloro-3-methylphenol	100	10 U	84.4	84	59-107	
2-Methylnaphthalene	100	10 U	88.7	89	57-110	
Hexachlorocyclopentadiene	100	10 U	72.5	73	41-124	
2,4,6-Trichlorophenol	100	10 U	89.5	89	65-117	
2,4,5-Trichlorophenol	100	10 U	84.8	85	66-111	
2-Chloronaphthalene	100	10 U	79.8	80	64-109	
2-Nitroaniline	100	20 U	79.0	79	65-116	
Dimethyl phthalate	100	10 U	90.6	91	68-110	
Acenaphthylene	100	10 U	77.7	78	63-110	
2,6-Dinitrotoluene	100	2.0 U	84.3	84	73-112	
3-Nitroaniline	100	20 U	76.2	76	55-100	
Acenaphthene	100	10 U	80.3	80	66-117	
2,4-Dinitrophenol	100	30 U	87.0	87	59-130	
4-Nitrophenol	100	30 U	33.1	33	0.1-111	
Dibenzofuran	100	10 U	86.5	87	70-113	
2,4-Dinitrotoluene	100	2.0 U	84.9	85	70-117	
Diethyl phthalate	100	10 U	78.1	78	69-110	
4-Chlorophenyl phenyl ether	100	10 U	87.9	88	65-116	
Fluorene	100	10 U	90.8	91	70-110	
4-Nitroaniline	100	20 U	74.6	75	55-107	
4,6-Dinitro-2-methylphenol	100	30 U	86.7	87	58-129	
N-Nitrosodiphenylamine	100	10 U	82.9	83	61-111	
4-Bromophenyl phenyl ether	100	10 U	90.9	91	61-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: s42621.d

Lab ID: 460-1570-1 MS Client ID: GW-017338-050809-ACH-001 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Hexachlorobenzene	100	1.0 U	91.5	92	59-120	
Atrazine	100	10 U	86.0	86	46-128	
Pentachlorophenol	100	30 U	99.2	99	72-122	
Phenanthrene	100	10 U	81.8	82	65-115	
Anthracene	100	10 U	80.9	81	69-106	
Carbazole	100	10 U	76.7	77	65-106	
Di-n-butyl phthalate	100	10 U	71.0	71	59-113	
Fluoranthene	100	10 U	82.4	82	60-113	
Pyrene	100	10 U	77.3	77	66-115	
Butyl benzyl phthalate	100	10 U	70.1	70	66-110	
3,3'-Dichlorobenzidine	100	20 U	75.6	76	34-100	
Benzo[a]anthracene	100	1.0 U	78.5	79	64-110	
Chrysene	100	10 U	80.0	80	67-115	
Bis(2-ethylhexyl) phthalate	100	10 U	52.5	52	66-112	F
Di-n-octyl phthalate	100	10 U	69.5	69	62-174	
Benzo[b]fluoranthene	100	1.0 U	83.8	84	60-164	
Benzo[k]fluoranthene	100	1.0 U	82.5	82	48-199	
Benzo[a]pyrene	100	1.0 U	72.9	73	50-172	
Indeno[1,2,3-cd]pyrene	100	1.0 U	86.0	86	44-191	
Dibenz(a,h)anthracene	100	1.0 U	81.7	82	42-186	
Benzo[g,h,i]perylene	100	10 U	77.3	77	37-192	
Diphenyl	100	10 U	81.0	81	67-112	
bis (2-chloroisopropyl) ether	100	10 U	83.7	84	47-122	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: s42622.d

Lab ID: 460-1570-1 MSD Client ID: GW-017338-050809-ACH-001 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	100	104	104	14	30	26-176	
Phenol	100	46.5	47	14	30	17-145	
Bis(2-chloroethyl)ether	100	101	101	6	30	47-122	
2-Chlorophenol	100	87.6	88	17	30	58-98	
2-Methylphenol	100	81.5	82	14	30	50-86	
Acetophenone	100	118	118	11	30	66-112	F
N-Nitrosodi-n-propylamine	100	101	101	9	30	56-120	
Hexachloroethane	100	84.7	85	22	30	12-127	
Nitrobenzene	100	92.6	93	14	30	21-131	
Isophorone	100	94.5	94	12	30	39-136	
2-Nitrophenol	100	94.6	95	13	30	65-113	
2,4-Dimethylphenol	100	85.4	85	9	30	38-111	
Bis(2-chloroethoxy)methane	100	97.0	97	10	30	66-112	
2,4-Dichlorophenol	100	98.4	98	13	30	22-143	
Naphthalene	100	88.6	89	13	30	61-108	
4-Chloroaniline	100	91.0	91	14	30	32-97	
Hexachlorobutadiene	100	101	101	17	30	43-112	
Caprolactam	100	31.6	32	18	30	2-35	
4-Chloro-3-methylphenol	100	92.2	92	9	30	59-107	
2-Methylnaphthalene	100	99.6	100	12	30	57-110	
Hexachlorocyclopentadiene	100	82.2	82	13	30	41-124	
2,4,6-Trichlorophenol	100	96.6	97	8	30	65-117	
2,4,5-Trichlorophenol	100	93.5	94	10	30	66-111	
2-Chloronaphthalene	100	85.4	85	7	30	64-109	
2-Nitroaniline	100	82.6	83	4	30	65-116	
Dimethyl phthalate	100	98.0	98	8	30	68-110	
Acenaphthylene	100	84.2	84	8	30	63-110	
2,6-Dinitrotoluene	100	89.0	89	5	30	73-112	
3-Nitroaniline	100	79.5	80	4	30	55-100	
Acenaphthene	100	85.6	86	6	30	66-117	
2,4-Dinitrophenol	100	95.1	95	9	30	59-130	
4-Nitrophenol	100	37.9	38	13	30	0.1-111	
Dibenzofuran	100	90.0	90	4	30	70-113	
2,4-Dinitrotoluene	100	92.6	93	9	30	70-117	
Diethyl phthalate	100	85.0	85	8	30	69-110	
4-Chlorophenyl phenyl ether	100	95.3	95	8	30	65-116	
Fluorene	100	98.0	98	8	30	70-110	
4-Nitroaniline	100	77.6	78	4	30	55-107	
4,6-Dinitro-2-methylphenol	100	96.0	96	10	30	58-129	
N-Nitrosodiphenylamine	100	92.5	92	11	30	61-111	
4-Bromophenyl phenyl ether	100	105	105	15	30	61-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Level: Low Lab File ID: s42622.d

Lab ID: 460-1570-1 MSD Client ID: GW-017338-050809-ACH-001 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobenzene	100	104	104	13	30	59-120	
Atrazine	100	95.2	95	10	30	46-128	
Pentachlorophenol	100	109	109	9	30	72-122	
Phenanthrene	100	90.8	91	10	30	65-115	
Anthracene	100	90.5	90	11	30	69-106	
Carbazole	100	83.7	84	9	30	65-106	
Di-n-butyl phthalate	100	76.9	77	8	30	59-113	
Fluoranthene	100	91.1	91	10	30	60-113	
Pyrene	100	96.5	97	22	30	66-115	
Butyl benzyl phthalate	100	81.6	82	15	30	66-110	
3,3'-Dichlorobenzidine	100	83.5	83	10	30	34-100	
Benzo[a]anthracene	100	93.9	94	18	30	64-110	
Chrysene	100	95.2	95	17	30	67-115	
Bis(2-ethylhexyl) phthalate	100	68.3	68	26	30	66-112	
Di-n-octyl phthalate	100	76.4	76	9	30	62-174	
Benzo[b]fluoranthene	100	96.9	97	15	30	60-164	
Benzo[k]fluoranthene	100	97.5	98	17	30	48-199	
Benzo[a]pyrene	100	84.6	85	15	30	50-172	
Indeno[1,2,3-cd]pyrene	100	92.4	92	7	30	44-191	
Dibenz(a,h)anthracene	100	90.7	91	10	30	42-186	
Benzo[g,h,i]perylene	100	87.5	88	12	30	37-192	
Diphenyl	100	88.4	88	9	30	67-112	
bis (2-chloroisopropyl) ether	100	93.0	93	11	30	47-122	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab File ID: s42618.d Lab Sample ID: MB 460-6177/1-A

Matrix: Water Date Extracted: 05/12/2009 18:40

Instrument ID: BNAMS2 Date Analyzed: 05/14/2009 19:01

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-6177/2-A	s42619.d	05/14/2009 19:35
GW-017338-050809-ACH-001	460-1570-1	s42620.d	05/14/2009 20:10
GW-017338-050809-ACH-001 MS	460-1570-1 MS	s42621.d	05/14/2009 20:44
GW-017338-050809-ACH-001 MSD	460-1570-1 MSD	s42622.d	05/14/2009 21:18
GW-017338-050809-ACH-002	460-1570-2	s42623.d	05/14/2009 21:52
GW-017338-050809-ACH-003	460-1570-3	s42624.d	05/14/2009 22:27
GW-017338-050809-ACH-004	460-1570-4	s42625.d	05/14/2009 23:01
GW-017338-050809-ACH-005	460-1570-5	s42626.d	05/14/2009 23:35

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab File ID: s42437.d DFTPP Injection Date: 05/07/2009

Instrument ID: BNAMS2 DFTPP Injection Time: 02:21

Analysis Batch No.: 5686

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.3	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	65.4	
70	Less than 2.0 % of mass 69	0.2	(0.3)1
127	40.0 - 60.0 % of mass 198	48.5	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.2	
275	10.0 - 30.0 % of mass 198	18.5	
365	Greater than 1.0 % of mass 198	2.0	
441	Present but less than mass 443	7.5	
442	Greater than 40.0 % of mass 198	44.2	
443	17.0 - 23.0 % of mass 442	9.0	(20.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-5686/2	s42438.d	05/07/2009	02:46
	IC 460-5686/3	s42439.d	05/07/2009	03:20
	IC 460-5686/4	s42440.d	05/07/2009	03:54
	IC 460-5686/5	s42441.d	05/07/2009	04:29
	IC 460-5686/6	s42442.d	05/07/2009	05:03
	IC 460-5686/7	s42443.d	05/07/2009	05:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab File ID: s42611.d DFTPP Injection Date: 05/14/2009

Instrument ID: BNAMS2 DFTPP Injection Time: 14:33

Analysis Batch No.: 6657

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	37.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	55.3	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	41.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	19.9	
365	Greater than 1.0 % of mass 198	2.7	
441	Present but less than mass 443	11.2	
442	Greater than 40.0 % of mass 198	62.4	
443	17.0 - 23.0 % of mass 442	12.5	(20.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-6657/2	s42612.d	05/14/2009	15:14
	MB 460-6177/1-A	s42618.d	05/14/2009	19:01
	LCS 460-6177/2-A	s42619.d	05/14/2009	19:35
GW-017338-050809-ACH-001	460-1570-1	s42620.d	05/14/2009	20:10
GW-017338-050809-ACH-001 MS	460-1570-1 MS	s42621.d	05/14/2009	20:44
GW-017338-050809-ACH-001 MSD	460-1570-1 MSD	s42622.d	05/14/2009	21:18
GW-017338-050809-ACH-002	460-1570-2	s42623.d	05/14/2009	21:52
GW-017338-050809-ACH-003	460-1570-3	s42624.d	05/14/2009	22:27
GW-017338-050809-ACH-004	460-1570-4	s42625.d	05/14/2009	23:01
GW-017338-050809-ACH-005	460-1570-5	s42626.d	05/14/2009	23:35

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Sample No.: CCVIS 460-6657/2 Date Analyzed: 05/14/2009 15:14

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): s42612.d Heated Purge: (Y/N) N

		DCB		NPT		ACN	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		607624	6.55	2316688	8.32	1513254	10.86
UPPER LIMIT		1215248	7.05	4633376	8.82	3026508	11.36
LOWER LIMIT		303812	6.05	1158344	7.82	756627	10.36
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-6177/1-A		705715	6.55	2619340	8.31	1887287	10.85
LCS 460-6177/2-A		646144	6.55	2370211	8.32	1627293	10.85
460-1570-1	GW-017338-050809-ACH-001	751633	6.55	2664981	8.32	1913450	10.85
460-1570-1 MS	GW-017338-050809-ACH-001 MS	664826	6.55	2524585	8.32	1704957	10.86
460-1570-1 MSD	GW-017338-050809-ACH-001 MSD	619150	6.55	2308053	8.32	1595132	10.86
460-1570-2	GW-017338-050809-ACH-002	703315	6.54	2563870	8.31	1816731	10.85
460-1570-3	GW-017338-050809-ACH-003	678130	6.54	2607629	8.31	1809995	10.85
460-1570-4	GW-017338-050809-ACH-004	703552	6.55	2539755	8.31	1788505	10.85
460-1570-5	GW-017338-050809-ACH-005	685326	6.54	2535643	8.31	1827942	10.85

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ACN = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Sample No.: CCVIS 460-6657/2 Date Analyzed: 05/14/2009 15:14

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): s42612.d Heated Purge: (Y/N) N

		PHN		CRY		PD12	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		2347779	12.97	1827752	16.84	1618756	19.66
UPPER LIMIT		4695558	13.47	3655504	17.34	3237512	20.16
LOWER LIMIT		1173890	12.47	913876	16.34	809378	19.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-6177/1-A		2850058	12.97	2360430	16.82	1890040	19.63
LCS 460-6177/2-A		2566746	12.97	1954015	16.83	1710402	19.65
460-1570-1	GW-017338-050809-ACH-001	2873316	12.97	2392968	16.82	1899312	19.63
460-1570-1 MS	GW-017338-050809-ACH-001 MS	2687972	12.97	2227673	16.83	1839305	19.65
460-1570-1 MSD	GW-017338-050809-ACH-001 MSD	2421207	12.98	1855913	16.83	1607166	19.65
460-1570-2	GW-017338-050809-ACH-002	2691924	12.97	2210923	16.82	1805930	19.63
460-1570-3	GW-017338-050809-ACH-003	2739357	12.97	2204878	16.82	1753447	19.63
460-1570-4	GW-017338-050809-ACH-004	2693061	12.96	2208391	16.82	1738587	19.63
460-1570-5	GW-017338-050809-ACH-005	2756453	12.97	2207685	16.82	1787425	19.63

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PD12 = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1

Matrix: Water Lab File ID: s42620.d

Analysis Method: 8270C Date Collected: 05/08/2009 10:20

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 20:10

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.89
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
105-60-2	Caprolactam	10	U	10	0.50
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1

Matrix: Water Lab File ID: s42620.d

Analysis Method: 8270C Date Collected: 05/08/2009 10:20

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 20:10

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U *	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.4
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1

Matrix: Water Lab File ID: s42620.d

Analysis Method: 8270C Date Collected: 05/08/2009 10:20

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 20:10

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	50	19-66	
321-60-8	2-Fluorobiphenyl	85	53-110	
4165-62-2	Phenol-d5	35	13-44	
4165-60-0	Nitrobenzene-d5	92	49-114	
118-79-6	2,4,6-Tribromophenol	102	52-122	
1718-51-0	Terphenyl-d14	88	46-129	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42620.d
Report Date: 15-May-2009 06:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42620.d
Lab Smp Id: 460-1570-B-1-A Client Smp ID: GW-017338-050809-AC
Inj Date : 14-MAY-2009 20:10
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : 460-1570-B-1-A
Misc Info : 460-1570-B-1-A
Comment   :
Method   : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

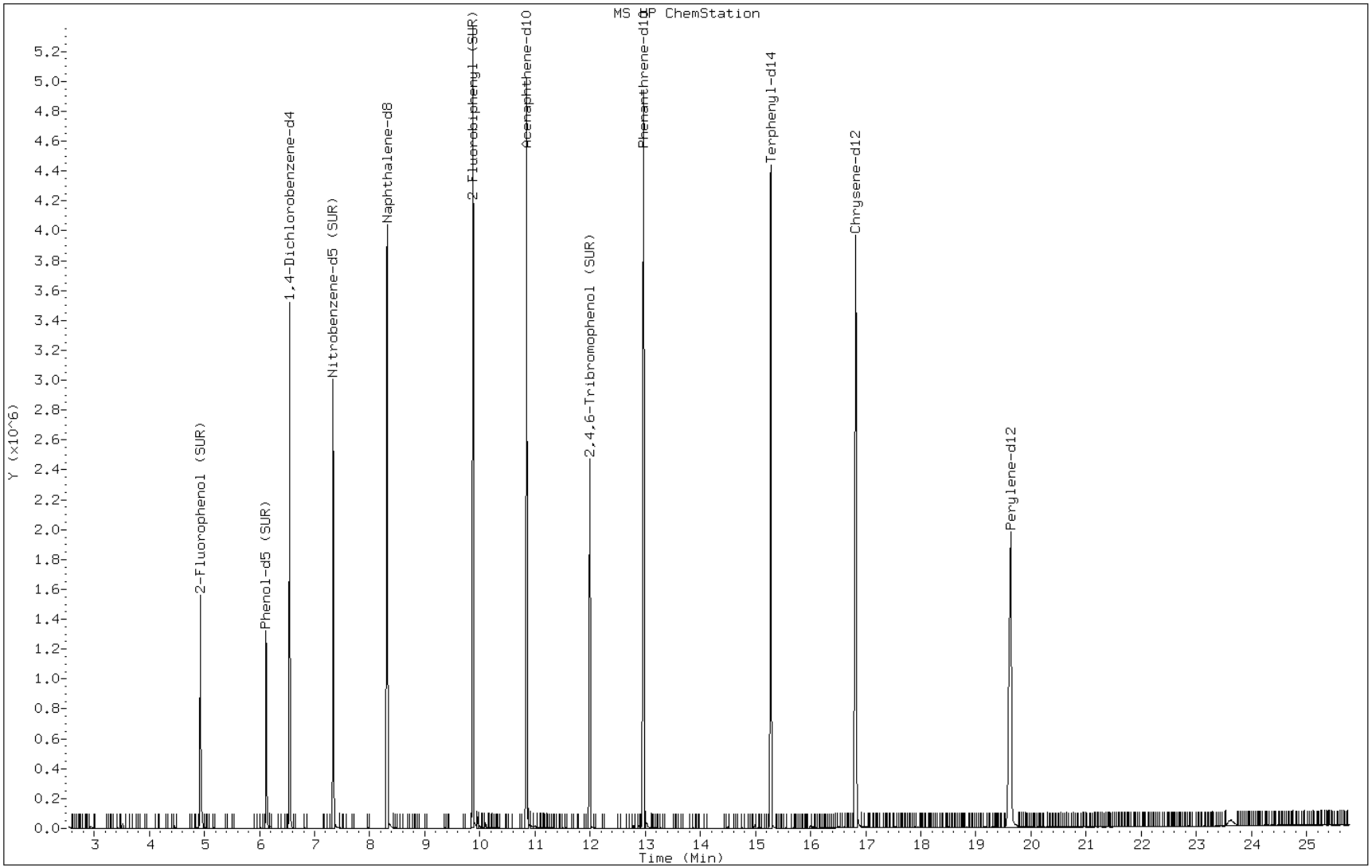
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.928	4.929	(0.753)	713916	24.7651	50
$ 17 Phenol-d5 (SUR)	99	6.120	6.143	(0.935)	674585	17.4162	35
* 79 1,4-Dichlorobenzene-d4	152	6.547	6.549	(1.000)	751633	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	7.339	7.355	(0.882)	1287247	46.1834	92
* 80 Naphthalene-d8	136	8.317	8.319	(1.000)	2664981	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	9.874	9.884	(0.910)	2256992	42.4966	85
* 82 Acenaphthene-d10	164	10.847	10.862	(1.000)	1913450	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	11.997	12.005	(1.106)	352566	50.8313	100
* 83 Phenanthrene-d10	188	12.971	12.974	(1.000)	2873316	40.0000	
$ 78 Terphenyl-d14	244	15.283	15.279	(0.909)	2100400	43.8617	88
* 81 Chrysene-d12	240	16.819	16.836	(1.000)	2392968	40.0000	
* 84 Perylene-d12	264	19.628	19.660	(1.000)	1899312	40.0000	

Data File: s42620.d

Date: 14-MAY-2009 20:10

Client ID: GW-017338-050809-AC Instrument: BNAMS2.i

Sample Info: 460-1570-B-1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-002 | Lab Sample ID: 460-1570-2

Matrix: Water | Lab File ID: s42623.d

Analysis Method: 8270C | Date Collected: 05/08/2009 11:40

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 21:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.89
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
105-60-2	Caprolactam	10	U	10	0.50
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-002 Lab Sample ID: 460-1570-2

Matrix: Water Lab File ID: s42623.d

Analysis Method: 8270C Date Collected: 05/08/2009 11:40

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 21:52

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U *	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.4
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-002 Lab Sample ID: 460-1570-2

Matrix: Water Lab File ID: s42623.d

Analysis Method: 8270C Date Collected: 05/08/2009 11:40

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 21:52

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	46	19-66	
321-60-8	2-Fluorobiphenyl	84	53-110	
4165-62-2	Phenol-d5	32	13-44	
4165-60-0	Nitrobenzene-d5	87	49-114	
118-79-6	2,4,6-Tribromophenol	98	52-122	
1718-51-0	Terphenyl-d14	87	46-129	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42623.d
Report Date: 15-May-2009 06:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42623.d
Lab Smp Id: 460-1570-A-2-A Client Smp ID: GW-017338-050809-AC
Inj Date : 14-MAY-2009 21:52
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : 460-1570-A-2-A
Misc Info : 460-1570-A-2-A
Comment   :
Method   : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

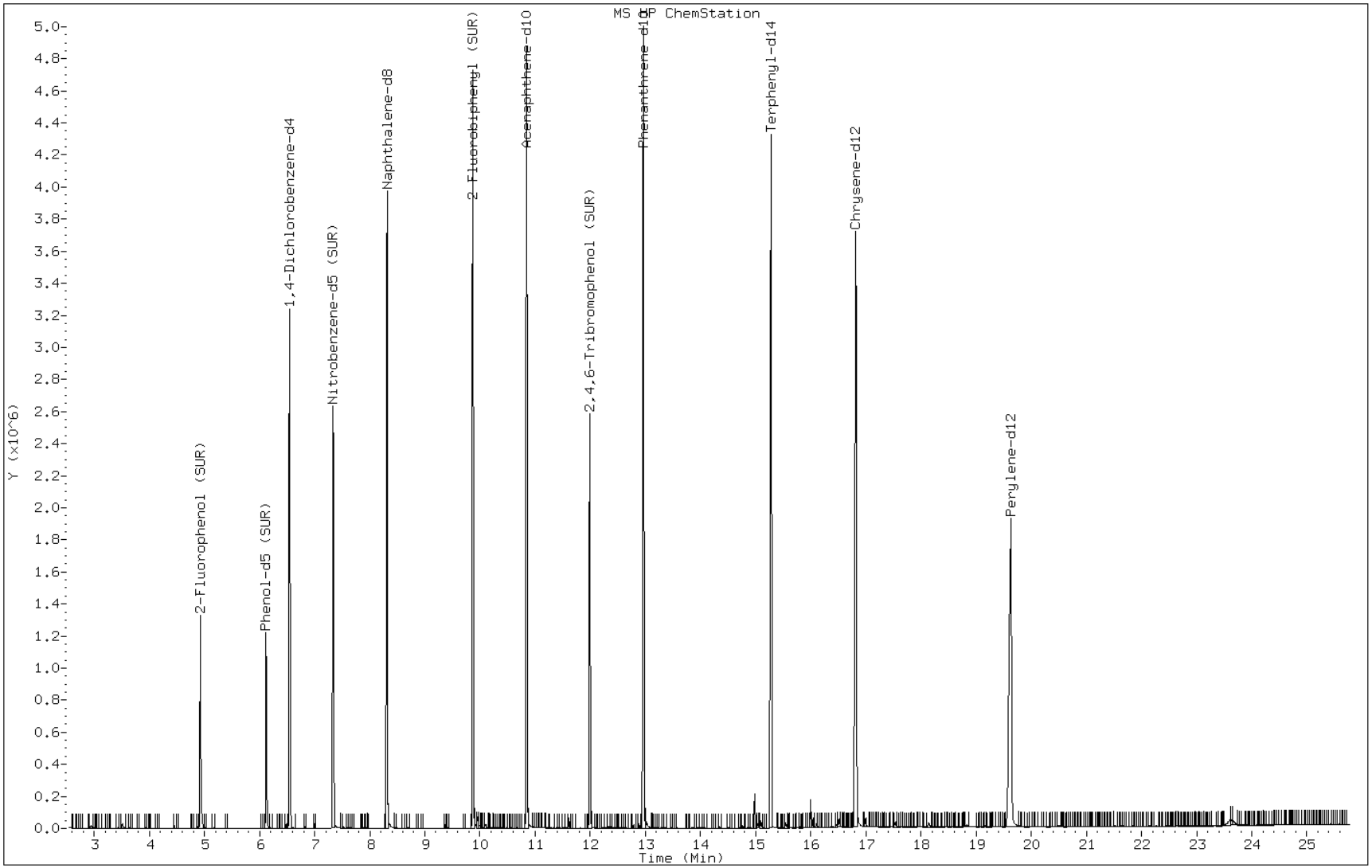
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.927	4.929	(0.753)	622307	23.0704	46
$ 17 Phenol-d5 (SUR)	99	6.119	6.143	(0.935)	582941	16.0841	32
* 79 1,4-Dichlorobenzene-d4	152	6.543	6.549	(1.000)	703315	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	7.336	7.355	(0.882)	1167930	43.5551	87
* 80 Naphthalene-d8	136	8.315	8.319	(1.000)	2563870	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	9.869	9.884	(0.910)	2110910	41.8620	84
* 82 Acenaphthene-d10	164	10.851	10.862	(1.000)	1816731	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	11.991	12.005	(1.105)	321085	48.7570	98
* 83 Phenanthrene-d10	188	12.966	12.974	(1.000)	2691924	40.0000	
$ 78 Terphenyl-d14	244	15.277	15.279	(0.908)	1920833	43.4146	87
* 81 Chrysene-d12	240	16.818	16.836	(1.000)	2210923	40.0000	
* 84 Perylene-d12	264	19.633	19.660	(1.000)	1805930	40.0000	

Data File: s42623.d

Date: 14-MAY-2009 21:52

Client ID: GW-017338-050809-AC Instrument: BNAMS2.i

Sample Info: 460-1570-A-2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-003 | Lab Sample ID: 460-1570-3

Matrix: Water | Lab File ID: s42624.d

Analysis Method: 8270C | Date Collected: 05/08/2009 12:45

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 22:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.89
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
105-60-2	Caprolactam	10	U	10	0.50
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-003 | Lab Sample ID: 460-1570-3

Matrix: Water | Lab File ID: s42624.d

Analysis Method: 8270C | Date Collected: 05/08/2009 12:45

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 22:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U *	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.4
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-003 Lab Sample ID: 460-1570-3

Matrix: Water Lab File ID: s42624.d

Analysis Method: 8270C Date Collected: 05/08/2009 12:45

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 22:27

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	61	19-66	
321-60-8	2-Fluorobiphenyl	84	53-110	
4165-62-2	Phenol-d5	53	13-44	X
4165-60-0	Nitrobenzene-d5	84	49-114	
118-79-6	2,4,6-Tribromophenol	96	52-122	
1718-51-0	Terphenyl-d14	82	46-129	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42624.d
Report Date: 17-May-2009 22:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42624.d
Lab Smp Id: 460-1570-A-3-A Client Smp ID: GW-017338-050809-AC
Inj Date : 14-MAY-2009 22:27
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : 460-1570-A-3-A
Misc Info : 460-1570-A-3-A
Comment   :
Method   : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.923	4.929	(0.752)	792664	30.4772	61
$ 17 Phenol-d5 (SUR)	99	6.119	6.143	(0.935)	918777	26.2917	52(R)
* 79 1,4-Dichlorobenzene-d4	152	6.545	6.549	(1.000)	678130	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	7.339	7.355	(0.883)	1140344	41.8127	84
* 80 Naphthalene-d8	136	8.313	8.319	(1.000)	2607629	40.0000	
31 Naphthalene	128	8.336	8.357	(1.003)	100444	1.70505	3.4(a)
120 1-Methylnaphthalene	142	9.471	9.485	(1.139)	6064	0.13734	0.27(a)
$ 77 2-Fluorobiphenyl (SUR)	172	9.876	9.884	(0.910)	2106272	41.9255	84
* 82 Acenaphthene-d10	164	10.852	10.862	(1.000)	1809995	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	11.997	12.005	(1.105)	315856	48.1415	96
* 83 Phenanthrene-d10	188	12.966	12.974	(1.000)	2739357	40.0000	
$ 78 Terphenyl-d14	244	15.278	15.279	(0.908)	1818292	41.2097	82
* 81 Chrysene-d12	240	16.823	16.836	(1.000)	2204878	40.0000	
* 84 Perylene-d12	264	19.635	19.660	(1.000)	1753447	40.0000	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42624.d
Report Date: 17-May-2009 22:00

QC Flag Legend

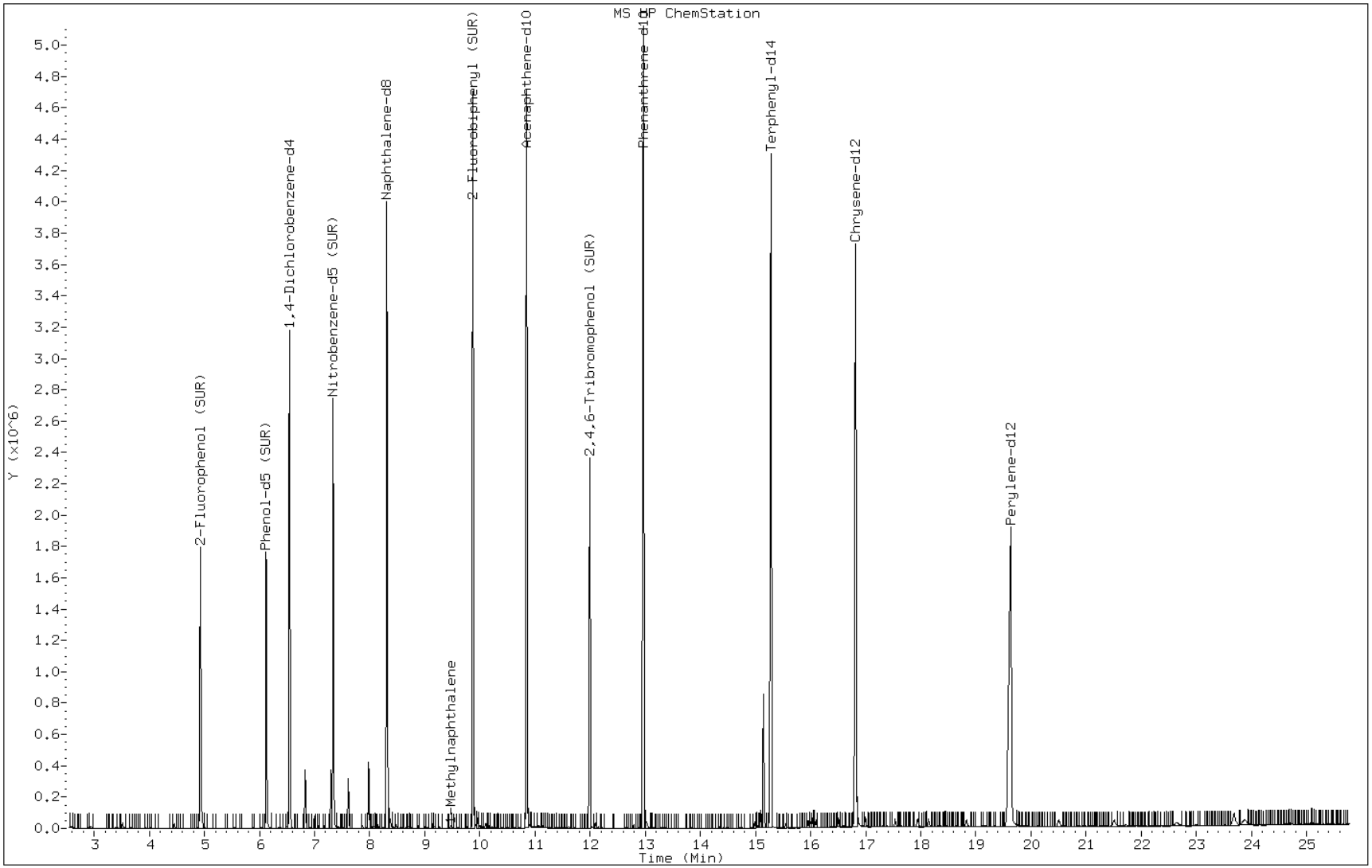
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: s42624.d

Date: 14-MAY-2009 22:27

Client ID: GW-017338-050809-AC Instrument: BNAMS2.i

Sample Info: 460-1570-A-3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-004 | Lab Sample ID: 460-1570-4

Matrix: Water | Lab File ID: s42625.d

Analysis Method: 8270C | Date Collected: 05/08/2009 12:50

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 23:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.89
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	18		10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
105-60-2	Caprolactam	10	U	10	0.50
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-004 | Lab Sample ID: 460-1570-4

Matrix: Water | Lab File ID: s42625.d

Analysis Method: 8270C | Date Collected: 05/08/2009 12:50

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 23:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U *	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.4
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-004 Lab Sample ID: 460-1570-4

Matrix: Water Lab File ID: s42625.d

Analysis Method: 8270C Date Collected: 05/08/2009 12:50

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 23:01

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	50	19-66	
321-60-8	2-Fluorobiphenyl	86	53-110	
4165-62-2	Phenol-d5	38	13-44	
4165-60-0	Nitrobenzene-d5	82	49-114	
118-79-6	2,4,6-Tribromophenol	97	52-122	
1718-51-0	Terphenyl-d14	80	46-129	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42625.d
Report Date: 17-May-2009 22:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42625.d
Lab Smp Id: 460-1570-A-4-A Client Smp ID: GW-017338-050809-AC
Inj Date : 14-MAY-2009 23:01
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : 460-1570-A-4-A
Misc Info : 460-1570-A-4-A
Comment   :
Method   : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 31
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	2.737	2.723	(0.418)	2154	0.22529	0.45(a)
$	16 2-Fluorophenol (SUR)	112	4.924	4.929	(0.752)	673488	24.9593	50
$	17 Phenol-d5 (SUR)	99	6.118	6.143	(0.935)	681692	18.8024	38
*	79 1,4-Dichlorobenzene-d4	152	6.546	6.549	(1.000)	703552	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	7.340	7.355	(0.883)	1088589	40.9817	82
*	80 Naphthalene-d8	136	8.314	8.319	(1.000)	2539755	40.0000	
	31 Naphthalene	128	8.336	8.357	(1.003)	504471	8.79234	18
	120 1-Methylnaphthalene	142	9.475	9.485	(1.140)	29367	0.68290	1.4(a)
$	77 2-Fluorobiphenyl (SUR)	172	9.871	9.884	(0.910)	2129471	42.8966	86
*	82 Acenaphthene-d10	164	10.846	10.862	(1.000)	1788505	40.0000	
	42 Acenaphthene	154	10.892	10.907	(1.004)	13025	0.29600	0.59(aH)
	43 Dibenzofuran	168	11.109	11.133	(1.024)	9499	0.14876	0.30(a)
	47 Fluorene	166	11.606	11.629	(1.070)	9066	0.21292	0.42(a)
$	18 2,4,6-Tribromophenol (SUR)	330	11.996	12.005	(1.106)	314527	48.5150	97
*	83 Phenanthrene-d10	188	12.964	12.974	(1.000)	2693061	40.0000	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42625.d
Report Date: 17-May-2009 22:02

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 78 Terphenyl-d14	244	15.282	15.279	(0.909)	1757312	39.7643	80
* 81 Chrysene-d12	240	16.819	16.836	(1.000)	2208391	40.0000	
* 84 Perylene-d12	264	19.630	19.660	(1.000)	1738587	40.0000	

QC Flag Legend

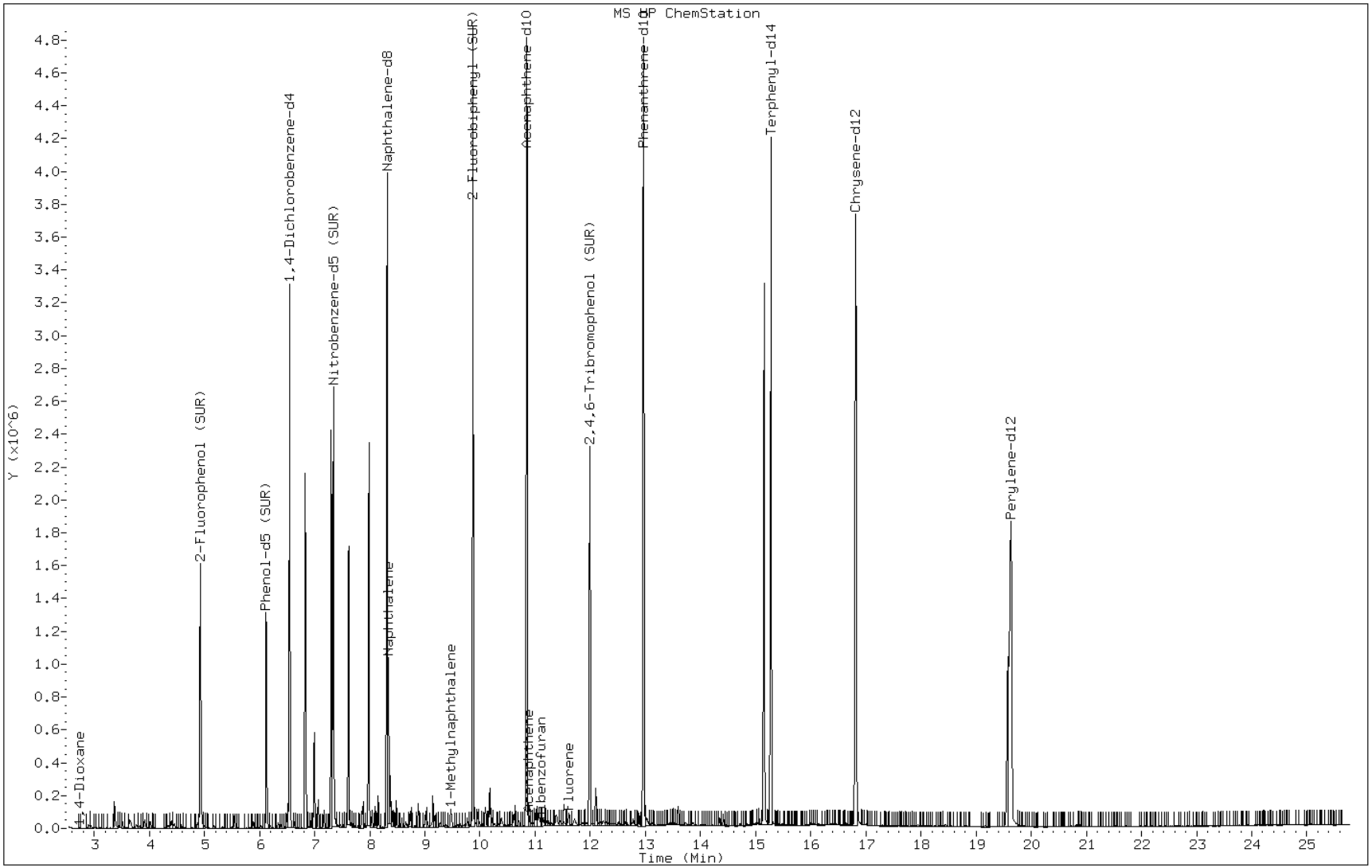
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: s42625.d

Date: 14-MAY-2009 23:01

Client ID: GW-017338-050809-AC Instrument: BNAMS2.i

Sample Info: 460-1570-A-4-A Operator: BNAMS 4



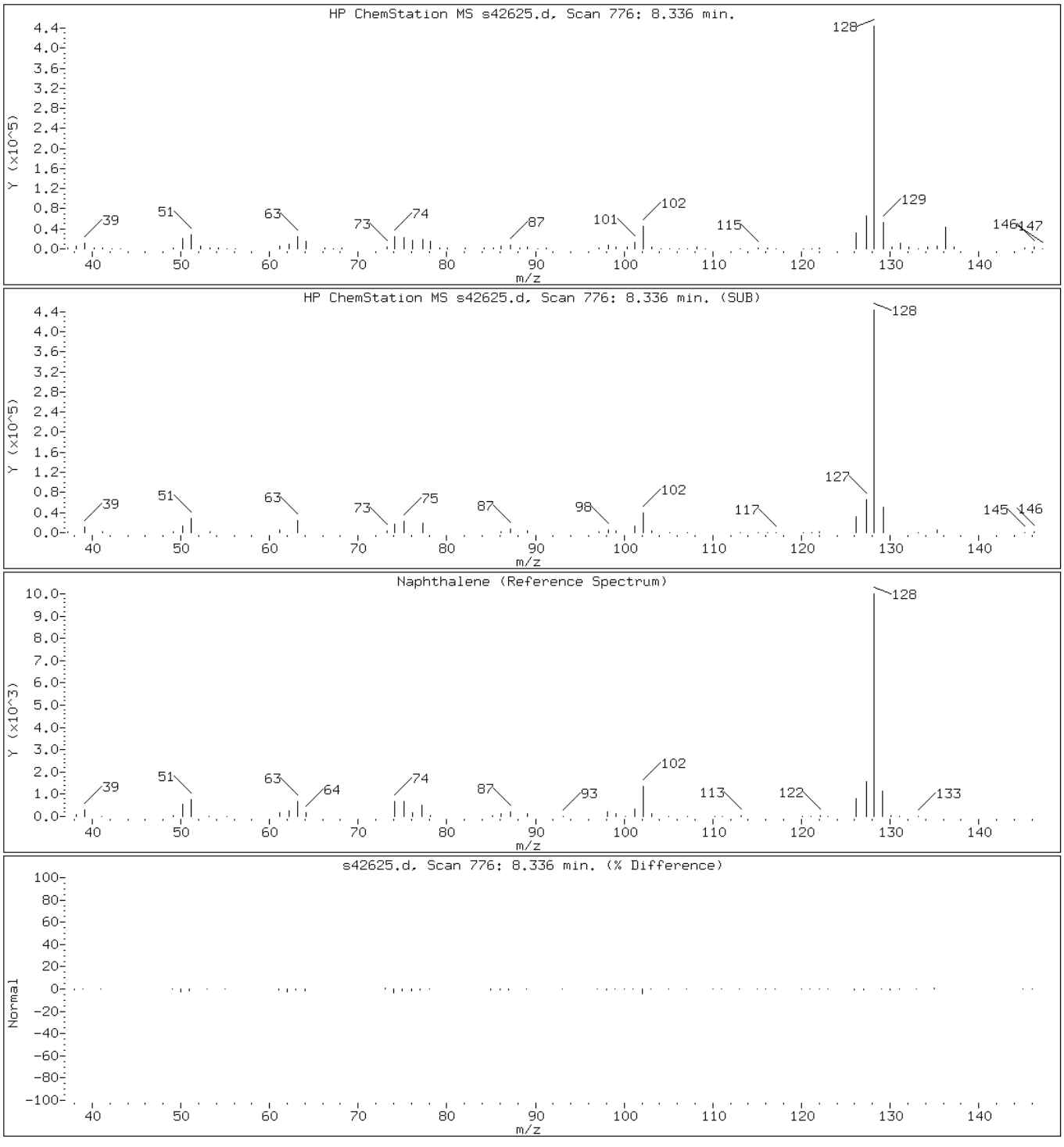
Data File: s42625.d

Date: 14-MAY-2009 23:01

Client ID: GW-017338-050809-AC Instrument: BNAMS2.i

Sample Info: 460-1570-A-4-A Operator: BNAMS 4

31 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-005 | Lab Sample ID: 460-1570-5

Matrix: Water | Lab File ID: s42626.d

Analysis Method: 8270C | Date Collected: 05/08/2009 13:15

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 23:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.89
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
105-60-2	Caprolactam	10	U	10	0.50
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-005 Lab Sample ID: 460-1570-5

Matrix: Water Lab File ID: s42626.d

Analysis Method: 8270C Date Collected: 05/08/2009 13:15

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 23:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U *	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.4
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-005 Lab Sample ID: 460-1570-5

Matrix: Water Lab File ID: s42626.d

Analysis Method: 8270C Date Collected: 05/08/2009 13:15

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 23:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	48	19-66	
321-60-8	2-Fluorobiphenyl	84	53-110	
4165-62-2	Phenol-d5	35	13-44	
4165-60-0	Nitrobenzene-d5	89	49-114	
118-79-6	2,4,6-Tribromophenol	98	52-122	
1718-51-0	Terphenyl-d14	89	46-129	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42626.d
Report Date: 15-May-2009 06:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42626.d
Lab Smp Id: 460-1570-A-5-A Client Smp ID: GW-017338-050809-AC
Inj Date : 14-MAY-2009 23:35
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : 460-1570-A-5-A
Misc Info : 460-1570-A-5-A
Comment   :
Method   : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

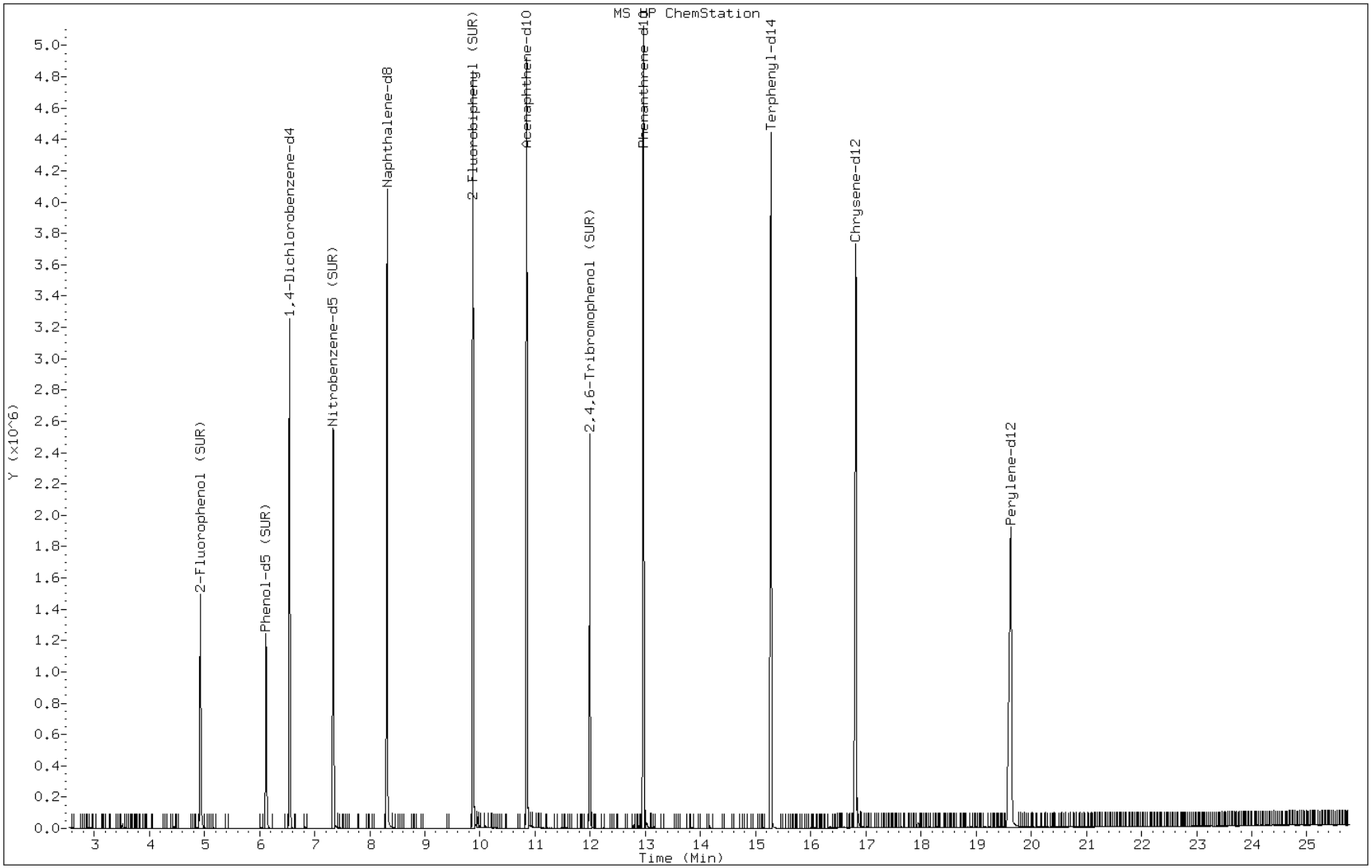
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.922	4.929	(0.752)	635576	24.1807	48
$ 17 Phenol-d5 (SUR)	99	6.118	6.143	(0.935)	609789	17.2665	34
* 79 1,4-Dichlorobenzene-d4	152	6.544	6.549	(1.000)	685326	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	7.334	7.355	(0.882)	1180837	44.5266	89
* 80 Naphthalene-d8	136	8.313	8.319	(1.000)	2535643	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	9.876	9.884	(0.910)	2138557	42.1502	84
* 82 Acenaphthene-d10	164	10.850	10.862	(1.000)	1827942	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	11.993	12.005	(1.105)	323650	48.8451	98
* 83 Phenanthrene-d10	188	12.966	12.974	(1.000)	2756453	40.0000	
$ 78 Terphenyl-d14	244	15.279	15.279	(0.909)	1956321	44.2816	88
* 81 Chrysene-d12	240	16.816	16.836	(1.000)	2207685	40.0000	
* 84 Perylene-d12	264	19.630	19.660	(1.000)	1787425	40.0000	

Data File: s42626.d

Date: 14-MAY-2009 23:35

Client ID: GW-017338-050809-AC Instrument: BNAMS2.i

Sample Info: 460-1570-A-5-A Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-5686/4	s42440.d
Level 2	IC 460-5686/7	s42443.d
Level 3	IC 460-5686/6	s42442.d
Level 4	ICIS 460-5686/2	s42438.d
Level 5	IC 460-5686/5	s42441.d
Level 6	IC 460-5686/3	s42439.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,3,7,8-TCDD	+++++ +++++	+++++	+++++	0.1486	+++++	Ave		0.1486						15.0			
1,4-Dioxane	0.4974 0.5376	0.5443	0.5492	0.5915	0.5414	Ave		0.5436				5.5		15.0			
Pyridine	1.3522 1.2756	1.3798	1.3767	1.4461	1.3058	Ave		1.3560				4.4		15.0			
N-Nitrosodimethylamine	0.8077 0.6540	0.8203	0.7768	0.8138	0.6988	Ave		0.7619				9.1		15.0			
Benzaldehyde	1.1581 +++++	0.5684	0.8905	0.9109	0.5931	Ave		0.8242				29.9	*	15.0			
Phenol	2.0828 1.6525	2.1130	2.0536	2.0241	1.8058	Ave		1.9553				9.4		30.0			
Aniline	2.4819 1.7733	2.5233	2.3290	2.1045	1.9242	Ave		2.1894				14.0		15.0			
Bis(2-chloroethyl)ether	1.9071 1.2663	1.5275	1.4523	1.4557	1.3106	LinF		1.3053							0.9949		0.9900
2-Chlorophenol	1.4679 1.1303	1.4402	1.4131	1.3513	1.2783	Ave		1.3468				9.4		15.0			
n-Decane	1.0680 0.6671	1.0284	0.9231	0.8334	0.7336	QuaF		0.9206	0.2907						0.9998		0.9900
1,3-Dichlorobenzene	1.7256 1.2324	1.5762	1.5326	1.4643	1.3355	Ave		1.4778				11.9		15.0			
1,4-Dichlorobenzene	1.5321 1.1042	1.4049	1.3996	1.2868	1.2034	Ave		1.3219				11.7		30.0			
Benzyl alcohol	1.0866 1.0400	1.1298	1.1293	1.1037	1.0510	Ave		1.0900				3.5		15.0			
1,2-Dichlorobenzene	1.5890 1.1164	1.5304	1.4302	1.3526	1.2417	Ave		1.3767				12.9		15.0			
2-Methylphenol	1.5126 1.2465	1.5112	1.4700	1.4206	1.3222	Ave		1.4138				7.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	1.5982 1.0760	1.5276	1.4703	1.3737	1.2106	Ave		1.3761				14.5		15.0			
Acetophenone	2.2598 1.3690	2.0115	1.7678	1.5949	1.4213	QuaF		0.5465	0.0464						0.9989		0.9900
3 & 4 Methylphenol	1.7129 1.1986	1.5990	1.5495	1.4054	1.2676	Ave		1.4555				13.7		15.0			
4-Methylphenol	1.7129 1.1889	1.5990	1.5495	1.4054	1.2676	Ave		1.4539				13.9		15.0			
N-Nitrosodi-n-propylamine	0.8723 0.8444	0.9725	0.9205	0.9206	0.8592	Ave		0.8982			0.0500	5.4		15.0			
Hexachloroethane	0.7617 0.5252	0.6728	0.6467	0.6307	0.6022	Ave		0.6399				12.2		15.0			
Nitrobenzene	0.6510 0.3809	0.5532	0.4963	0.4520	0.3913	QuaF		1.9628	0.6027						0.9980		0.9900
n,n'-Dimethylaniline	2.6430 1.3661	2.1660	2.0690	1.8248	1.5456	QuaF		0.3640	0.0897						0.9994		0.9900
Isophorone	0.9175 0.7754	0.9156	0.8702	0.8256	0.7614	Ave		0.8443				8.0		15.0			
2-Nitrophenol	0.2323 0.2187	0.2543	0.2401	0.2381	0.2117	Ave		0.2325				6.6		30.0			
2,4-Dimethylphenol	0.3735 0.3093	0.3871	0.3619	0.3519	0.3079	Ave		0.3486				9.5		15.0			
Bis(2-chloroethoxy)methane	0.5063 0.3932	0.5169	0.4761	0.4452	0.4049	Ave		0.4571				11.3		15.0			
Benzoic acid	0.2660 0.2170	0.2802	0.3010	0.2244	0.2071	LinF		0.2176							0.9917		0.9900
2,4-Dichlorophenol	0.3284 0.2681	0.3452	0.3338	0.3073	0.2832	Ave		0.3110				9.8		30.0			
1,2,4-Trichlorobenzene	0.3221 0.2638	0.3323	0.3091	0.2952	0.2781	Ave		0.3001				8.7		15.0			
Naphthalene	1.0412 0.7354	1.0288	0.9651	0.8747	0.7766	Ave		0.9036				14.3		15.0			
4-Chloroaniline	0.4805 0.3939	0.5383	0.4995	0.4511	0.4089	Ave		0.4620				11.9		15.0			
Hexachlorobutadiene	0.1333 0.1296	0.1488	0.1397	0.1312	0.1247	Ave		0.1345				6.3		30.0			
Caprolactam	0.1877 0.1557	0.1867	0.1812	0.1837	0.1515	Ave		0.1744				9.4		15.0			
4-Chloro-3-methylphenol	0.3860 0.3087	0.3950	0.3849	0.3795	0.3236	Ave		0.3629				10.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylnaphthalene	0.8174 0.5526	0.7893	0.7308	0.6582	0.5837	QuaF		1.2897	0.3210						0.9993		0.9900
1-Methylnaphthalene	0.7753 0.5466	0.7747	0.7338	0.6498	0.5835	Ave		0.6773				14.6		15.0			
2-tertbutyl-4-methylphenol	0.5575 0.3220	0.5193	0.4796	0.4116	0.3409	QuaF		1.8783	1.3085						0.9972		0.9900
Hexachlorocyclopentadiene	0.2097 0.2603	0.2095	0.2078	0.2429	0.2303	Ave		0.2267			0.0500	9.6		15.0			
2,4,6-Trichlorophenol	0.3126 0.3184	0.3211	0.3053	0.3018	0.2965	Ave		0.3093				3.1		30.0			
2,4,5-Trichlorophenol	0.3247 0.3282	0.3358	0.3247	0.3081	0.3121	Ave		0.3223				3.2		15.0			
1,1'-Biphenyl	1.5043 0.9971	1.4477	1.3002	1.2337	1.0737	QuaF		0.6645	0.1144						0.9993		0.9900
2-Chloronaphthalene	1.1258 0.8473	1.1013	1.0009	0.9133	0.8698	Ave		0.9764				12.2		15.0			
Phenyl ether	0.7876 0.6509	0.7778	0.7332	0.6974	0.6543	Ave		0.7169				8.3		15.0			
2-Nitroaniline	0.3487 0.3235	0.3466	0.3281	0.3350	0.3025	Ave		0.3307				5.1		15.0			
Dimethyl phthalate	1.4289 1.0443	1.3877	1.2485	1.1609	1.0722	Ave		1.2238				13.1		15.0			
Coumarin	0.3468 0.2470	0.3429	0.3098	0.2772	0.2491	LinF		0.2530							0.9933		0.9900
2,6-Dinitrotoluene	0.3148 0.2773	0.3263	0.3336	0.3210	0.2965	Ave		0.3116				6.7		15.0			
Acenaphthylene	2.0386 1.2908	1.8893	1.7587	1.5755	1.3826	QuaF		0.5171	0.0677						0.9994		0.9900
3-Nitroaniline	0.4047 0.3689	0.4258	0.4144	0.4083	0.3752	Ave		0.3995				5.7		15.0			
Acenaphthene	1.0917 0.9169	1.0368	1.0053	0.9673	0.8867	Ave		0.9841				7.8		30.0			
3,5-di-tert-butyl-4-hydroxytol	0.6769 0.5809	0.6402	0.6290	0.5838	0.5771	Ave		0.6146				6.6		15.0			
2,4-Dinitrophenol	0.1697 0.2219	0.1694	0.1879	0.1947	0.2020	Ave		0.1909			0.0500	10.5		15.0			
4-Nitrophenol	0.2784 0.2831	0.2706	0.2935	0.2961	0.2737	Ave		0.2826			0.0500	3.7		15.0			
Dibenzofuran	1.6465 1.2720	1.5642	1.4588	1.3523	1.2745	Ave		1.4281				10.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrotoluene	0.4281 0.4444	0.4625	0.4489	0.4389	0.4316	Ave		0.4424				2.8		15.0			
Diethyl phthalate	1.5272 1.1665	1.4591	1.4165	1.3202	1.1677	Ave		1.3429				11.3		15.0			
4-Chlorophenyl phenyl ether	0.5075 0.4515	0.4689	0.4584	0.4365	0.4356	Ave		0.4598				5.8		15.0			
Fluorene	1.3556 0.9204	1.2358	1.1851	1.0393	0.9584	LinF		0.9523							0.9928		0.9900
4-Nitroaniline	0.4115 0.4411	0.4259	0.4215	0.4150	0.4134	Ave		0.4214				2.6		15.0			
4,6-Dinitro-2-methylphenol	0.1370 0.1455	0.1422	0.1533	0.1515	0.1504	Ave		0.1466				4.3		15.0			
N-Nitrosodiphenylamine	0.6003 0.4467	0.6193	0.5941	0.5234	0.5124	Ave		0.5494				12.1		30.0			
1,2-Diphenylhydrazine	1.0649 0.7991	1.0233	0.9160	0.8476	0.7888	Ave		0.9066				12.8		15.0			
4-Bromophenyl phenyl ether	0.1550 0.1467	0.1487	0.1476	0.1484	0.1391	Ave		0.1476				3.4		15.0			
Hexachlorobenzene	0.1826 0.1722	0.1783	0.1739	0.1655	0.1710	Ave		0.1739				3.4		15.0			
Atrazine	0.2186 0.1402	0.2129	0.1983	0.1670	0.1530	QuaF		4.6971	5.8492						0.9998		0.9900
n-Octadecane	0.4577 0.3106	0.4370	0.3907	0.3594	0.3243	LinF		0.3226							0.9915		0.9900
Pentachlorophenol	0.1172 0.1107	0.1196	0.1196	0.1092	0.1129	Ave		0.1149				4.0		30.0			
Phenanthrene	1.1075 0.9009	1.1223	1.0419	0.9478	0.9359	Ave		1.0094				9.3		15.0			
Anthracene	1.1781 0.9005	1.1768	1.1007	0.9803	0.9493	Ave		1.0476				11.5		15.0			
Carbazole	1.3221 0.9634	1.2747	1.2129	1.0729	1.0443	Ave		1.1484				12.4		15.0			
Di-n-butyl phthalate	1.8901 1.1977	1.7899	1.7158	1.5661	1.3692	QuaF		0.4440	0.1074						0.9995		0.9900
Fluoranthene	1.1897 1.0153	1.1690	1.1383	1.0524	1.0322	Ave		1.0995				6.8		30.0			
Benzidine	0.3276 0.3473	0.6179	0.5898	0.4772	0.3813	QuaF		1.1119	1.7414						0.9939		0.9900
Pyrene	1.4583 1.2799	1.4654	1.4231	1.3550	1.3179	Ave		1.3833				5.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl benzyl phthalate	1.1040 0.7932	1.0969	1.0655	1.0110	0.8740	Ave		0.9908				13.0		15.0			
3,3'-Dichlorobenzidine	0.3803 0.3993	0.4290	0.4352	0.4267	0.4060	Ave		0.4127				5.1		15.0			
Benzo[a]anthracene	1.2035 1.0690	1.0441	1.0404	1.0338	1.0323	Ave		1.0705				6.2		15.0			
Bis(2-ethylhexyl) phthalate	1.3203 0.7703	1.2141	1.1710	1.0542	0.8934	QuaF		0.5896	0.3022						0.9990		0.9900
Chrysene	0.9117 0.8441	0.8412	0.8216	0.7994	0.8386	Ave		0.8428				4.5		15.0			
Di-n-octyl phthalate	2.9893 2.5370	2.9211	2.9153	2.8765	2.5654	Ave		2.8008				7.0		30.0			
Benzo[b]fluoranthene	1.2539 1.8227	1.3297	1.2811	1.2994	1.4252	QuaF		0.8580	-0.056						0.9998		0.9900
Benzo[k]fluoranthene	1.3810 1.8227	1.2391	1.2437	1.2630	1.1222	QuaF		1.0056	-0.083						0.9929		0.9900
Benzo[a]pyrene	1.1397 1.1749	1.1448	1.2043	1.1731	1.1482	Ave		1.1642				2.1		30.0			
Indeno[1,2,3-cd]pyrene	1.0388 1.2149	1.3208	1.3727	1.3567	1.2856	Ave		1.2649				9.8		15.0			
Dibenz(a,h)anthracene	1.0039 1.0457	1.0594	1.0908	1.0762	1.0379	Ave		1.0523				2.9		15.0			
Benzo[g,h,i]perylene	1.1561 1.0076	1.1161	1.1459	1.1711	1.0638	Ave		1.1101				5.7		15.0			
2-Fluorophenol	1.4483 1.4530	1.5857	1.4896	1.6450	1.5832	Ave		1.5341				5.3		15.0			
Phenol-d5	2.1206 1.8311	2.1726	2.0339	2.2320	1.9775	Ave		2.0613				7.1		15.0			
Nitrobenzene-d5	0.4477 0.3796	0.4477	0.4378	0.4220	0.3752	Ave		0.4184				7.9		15.0			
2-Fluorobiphenyl	1.2587 0.9638	1.2283	1.1795	1.0546	0.9766	Ave		1.1102				11.6		15.0			
2,4,6-Tribromophenol	0.1396 0.1549	0.1482	0.1383	0.1416	0.1473	Ave		0.1450				4.4		15.0			
Terphenyl-d14	0.7879 0.7929	0.7918	0.8259	0.8069	0.7974	Ave		0.8005				1.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-5686/4	s42440.d
Level 2	IC 460-5686/7	s42443.d
Level 3	IC 460-5686/6	s42442.d
Level 4	ICIS 460-5686/2	s42438.d
Level 5	IC 460-5686/5	s42441.d
Level 6	IC 460-5686/3	s42439.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,3,7,8-TCDD	CRY	Ave	+++++ +++++	+++++	+++++	2383	+++++	+++++ +++++	+++++	+++++	0.500	+++++
1,4-Dioxane	DCB	Ave	29904 854078	73803	136766	351941	521671	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	81291 2026764	187096	342803	860441	1258114	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	48556 1039018	111231	193436	484199	673335	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	69624 +++++	77072	221741	541969	571468	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	125210 2625466	286509	511355	1204360	1739907	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	149204 2817456	342149	579954	1252152	1854006	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	LinF	11465 2011870	207121	361636	866147	1262745	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	88246 1795878	195279	351874	804043	1231610	5.00 120	10.0	20.0	50.0	80.0
n-Decane	DCB	QuaF	64203 1059935	139441	229849	495893	706817	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	103738 1958103	213722	381628	871273	1286790	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	92107 1754383	190500	348514	765669	1159504	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	65321 1652418	153188	281198	656673	1012598	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	95524 1773813	207517	356128	804774	1196384	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	90932 1980451	204908	366039	845270	1273940	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	96080 1709598	207128	366129	817322	1166403	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetophenone	DCB	QuaF	135854 2175164	272754	440186	948955	1369463	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	102976 1904338	216809	385839	836187	1221299	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	102976 1888912	216809	385839	836187	1221299	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	5244 1341533	131865	229222	547738	827829	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	4579 834482	91224	161023	375247	580212	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	QuaF	14636 2222360	264245	450477	1016391	1448823	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	QuaF	15889 2170559	293690	515188	1085753	1489197	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	206292 4523719	437353	789888	1856617	2819165	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	52239 1276066	121473	217938	535376	783882	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	83978 1804485	184883	328497	791422	1139989	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	113844 2294037	246888	432166	1001155	1499172	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	59799 1266045	133816	273226	504643	766838	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	73839 1564027	164903	303025	691030	1048708	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	7241 1538728	158738	280553	663728	1029765	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	234098 4290334	491404	876035	1967007	2875733	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	108029 2298161	257098	453414	1014441	1514237	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	5993 756292	71061	126801	295002	461792	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	42209 908338	89190	164458	413117	560872	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	86784 1801145	188684	349330	853307	1198129	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	QuaF	183787 3223917	377004	663311	1480139	2161191	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	174315 3188888	370011	666043	1461251	2160675	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	QuaF	125352 1878598	248066	435368	925668	1262132	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ACN	Ave	29900 896141	64506	121161	337288	515555	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ACN	Ave	44570 1096234	98882	178047	418976	663774	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ACN	Ave	46299 1130029	103434	189356	427783	698734	5.00 120	10.0	20.0	50.0	80.0
1,1'-Biphenyl	ACN	QuaF	214496 3432814	445846	758236	1712794	2404007	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ACN	Ave	160526 2917232	339164	583661	1267954	1947502	5.00 120	10.0	20.0	50.0	80.0
Phenyl ether	ACN	Ave	112305 2240772	239548	427559	968206	1464967	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ACN	Ave	99432 1113650	106741	191323	465168	677261	10.0 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ACN	Ave	203733 3595457	427394	728065	1611752	2400736	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	LinF	77965 1440755	163792	281197	623298	922208	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ACN	Ave	8976 954762	100500	194536	445629	663889	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ACN	QuaF	290676 4444110	581866	1025603	2187433	3095657	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ACN	Ave	115402 1269967	131144	241663	566925	840006	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ACN	Ave	155667 3156888	319325	586241	1342996	1985305	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ACN	Ave	96517 1999922	197155	366793	810493	1292241	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ACN	Ave	72577 763864	104352	164332	270315	452245	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ACN	Ave	119083 974661	166661	256736	411087	612896	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ACN	Ave	234773 4379459	481750	850692	1877516	2853636	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrotoluene	ACN	Ave	12207 1530067	142435	261782	609381	966425	1.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ACN	Ave	217749 4016202	449381	826031	1832983	2614499	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ACN	Ave	72365 1554602	144398	267326	606070	975410	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluorene	ACN	LinF	193285 3168806	380598	691075	1442955	2145943	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ACN	Ave	117334 1518718	131164	245771	576242	925694	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	88084 817864	133919	204602	325660	518855	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	128671 2511922	291577	528437	1124941	1768139	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	228262 4493004	481827	814793	1821856	2721955	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	33228 824754	70006	131264	319001	480128	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	3913 968524	83944	154645	355642	590111	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	QuaF	46862 788187	100226	176403	358989	528040	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	LinF	98111 1746474	205758	347513	772531	1119068	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	75369 622385	112661	159539	234738	389703	15.0 120	20.0	30.0	50.0	80.0
Phenanthrene	PHN	Ave	237392 5065339	528413	926726	2037175	3229525	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	252524 5063361	554092	979086	2107033	3275725	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	283381 5417080	600181	1078873	2306081	3603448	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	QuaF	405143 6734615	842768	1526161	3366162	4724773	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	255005 5708837	550394	1012506	2261976	3561847	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	QuaF	70227 1952616	581837	786969	1025735	1315678	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	257787 5724882	539258	983271	2172896	3517063	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	195171 3547993	403656	736202	1621205	2332302	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	134444 1785758	315712	451029	684270	1083413	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	21275 4781242	384222	718806	1657773	2754957	0.500 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	QuaF	233404 3445268	446802	809060	1690442	2384187	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-1570-1 Analy Batch No.: 5686

SDG No.:

Instrument ID: BNAMS2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2009 02:46 Calibration End Date: 05/07/2009 05:37 Calibration ID: 1164

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chrysene	CRY	Ave	161176 3775685	309550	567644	1281824	2238043	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PD12	Ave	439347 8281567	881182	1676249	3788083	5561175	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PD12	QuaF	18429 5950043	401108	736602	1711179	3089574	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PD12	QuaF	20297 5950043	373790	715087	1663251	2432627	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PD12	Ave	16751 3835263	345358	692433	1544903	2489086	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PD12	Ave	15267 3965881	398442	789275	1786638	2786907	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PD12	Ave	14755 3413457	319576	627184	1417287	2249848	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PD12	Ave	169914 3289152	336673	658840	1542163	2306112	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	87069 2308494	215009	370913	978761	1525456	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	127483 2909328	294592	506462	1328055	1905291	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	100662 2214650	213863	397404	949030	1389247	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ACN	Ave	179468 3318255	378289	687809	1464204	2186697	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ACN	Ave	19905 533430	45644	80658	196601	329825	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	139281 3546522	291367	570659	1293904	2127940	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42438.d
Report Date: 07-May-2009 06:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42438.d
Lab Smp Id: ICIS-35719
Inj Date : 07-MAY-2009 02:46
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : ICIS-35719
Misc Info : 50 ppm std bna4365
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/8270C_08SP.m
Meth Date : 07-May-2009 06:20 asfawa Quant Type: ISTD
Cal Date : 07-MAY-2009 02:46 Cal File: s42438.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	2.791	2.791	(0.421)	351941	50.0000	50
	71 Pyridine	79	3.255	3.255	(0.491)	860441	50.0000	50
	19 N-Nitrosodimethylamine	74	3.270	3.270	(0.494)	484199	50.0000	50
$	16 2-Fluorophenol (SUR)	112	5.001	5.001	(0.755)	978761	50.0000	50
	110 Benzaldehyde	77	6.058	6.058	(0.914)	541969	50.0000	50
$	17 Phenol-d5 (SUR)	99	6.214	6.214	(0.938)	1328055	50.0000	50
	1 Phenol	94	6.229	6.229	(0.940)	1204360	50.0000	50
	73 Aniline	93	6.244	6.244	(0.942)	1252152	50.0000	50
	20 bis(2-Chloroethyl)ether	93	6.319	6.319	(0.954)	866147	50.0000	50
	2 2-Chlorophenol	128	6.394	6.394	(0.965)	804043	50.0000	50
	113 n-decane	43	6.409	6.409	(0.967)	495893	50.0000	50
	21 1,3-Dichlorobenzene	146	6.581	6.581	(0.993)	871273	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	6.626	6.626	(1.000)	475999	40.0000	
	22 1,4-Dichlorobenzene	146	6.649	6.649	(1.003)	765669	50.0000	50
	74 Benzyl Alcohol	108	6.843	6.843	(1.033)	656673	50.0000	50

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42438.d
Report Date: 07-May-2009 06:20

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
23	1,2-Dichlorobenzene	146	6.903	6.903	(1.042)	804774	50.0000	50
3	2-Methylphenol	108	7.022	7.022	(1.060)	845270	50.0000	50
24	bis (2-chloroisopropyl) ether	45	7.045	7.045	(1.063)	817322	50.0000	50
4	4-Methylphenol	108	7.217	7.217	(1.089)	836187	50.0000	50
123	3 & 4 Methylphenol	108	7.217	7.217	(1.089)	836187	50.0000	50
104	Acetophenone	105	7.217	7.217	(1.089)	948955	50.0000	50
25	N-Nitroso-di-n-propylamine	70	7.248	7.248	(1.094)	547738	50.0000	50
26	Hexachloroethane	117	7.322	7.322	(1.105)	375247	50.0000	50
$ 76	Nitrobenzene-d5 (SUR)	82	7.426	7.426	(0.884)	949030	50.0000	50
107	N,N-Dimethylaniline	120	7.464	7.464	(1.126)	1085753	50.0000	50
27	Nitrobenzene	77	7.456	7.456	(0.887)	1016391	50.0000	50
28	Isophorone	82	7.764	7.764	(0.924)	1856617	50.0000	50
5	2-Nitrophenol	139	7.891	7.891	(0.939)	535376	50.0000	50
6	2,4-Dimethylphenol	122	7.943	7.943	(0.945)	791422	50.0000	50
29	bis(2-Chloroethoxy)methane	93	8.071	8.071	(0.961)	1001155	50.0000	50
15	Benzoic Acid	122	8.139	8.139	(0.969)	504643	50.0000	50
7	2,4-Dichlorophenol	162	8.222	8.222	(0.979)	691030	50.0000	50
30	1,2,4-Trichlorobenzene	180	8.342	8.342	(0.993)	663728	50.0000	50
* 80	Naphthalene-d8	136	8.402	8.402	(1.000)	1798944	40.0000	
31	Naphthalene	128	8.425	8.425	(1.003)	1967007	50.0000	50
32	4-Chloroaniline	127	8.529	8.529	(1.015)	1014441	50.0000	50
33	Hexachlorobutadiene	225	8.679	8.679	(1.033)	295002	50.0000	50
111	Caprolactam	113	9.035	9.035	(1.075)	413117	50.0000	50
8	4-Chloro-3-methylphenol	107	9.230	9.230	(1.099)	853307	50.0000	50
34	2-Methylnaphthalene	142	9.403	9.403	(1.119)	1480139	50.0000	50
120	1-Methylnaphthalene	142	9.561	9.561	(1.138)	1461251	50.0000	50
121	2-tert-Butyl-4-methylphenol	149	9.725	9.725	(1.157)	925668	50.0000	50
35	Hexachlorocyclopentadiene	237	9.725	9.725	(0.889)	337288	50.0000	50
9	2,4,6-Trichlorophenol	196	9.850	9.850	(0.901)	418976	50.0000	50
10	2,4,5-Trichlorophenol	196	9.910	9.910	(0.906)	427783	50.0000	50
$ 77	2-Fluorobiphenyl (SUR)	172	9.956	9.956	(0.911)	1464204	50.0000	50
102	Diphenyl	154	10.083	10.083	(0.922)	1712794	50.0000	50
36	2-Chloronaphthalene	162	10.106	10.106	(0.924)	1267954	50.0000	50
103	Diphenyl Ether	170	10.241	10.241	(0.937)	968206	50.0000	50
37	2-Nitroaniline	65	10.309	10.309	(0.943)	465168	50.0000	50
38	Dimethylphthalate	163	10.595	10.595	(0.969)	1611752	50.0000	50
114	Coumarin	146	10.603	10.603	(1.262)	623298	50.0000	50
40	2,6-Dinitrotoluene	165	10.708	10.708	(0.979)	445629	50.0000	50
39	Acenaphthylene	152	10.715	10.715	(0.980)	2187433	50.0000	50
41	3-Nitroaniline	138	10.904	10.904	(0.997)	566925	50.0000	50
* 82	Acenaphthene-d10	164	10.934	10.934	(1.000)	1110706	40.0000	
42	Acenaphthene	154	10.979	10.979	(1.004)	1342996	50.0000	50
122	2,6-Di-tert-butyl-p-cresol	205	11.017	11.017	(1.008)	810493	50.0000	50
11	2,4-Dinitrophenol	184	11.048	11.048	(1.010)	270315	50.0000	50
12	4-Nitrophenol	65	11.152	11.152	(1.020)	411087	50.0000	50
43	Dibenzofuran	168	11.204	11.204	(1.025)	1877516	50.0000	50
44	2,4-Dinitrotoluene	165	11.264	11.264	(1.030)	609381	50.0000	50

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42438.d
Report Date: 07-May-2009 06:20

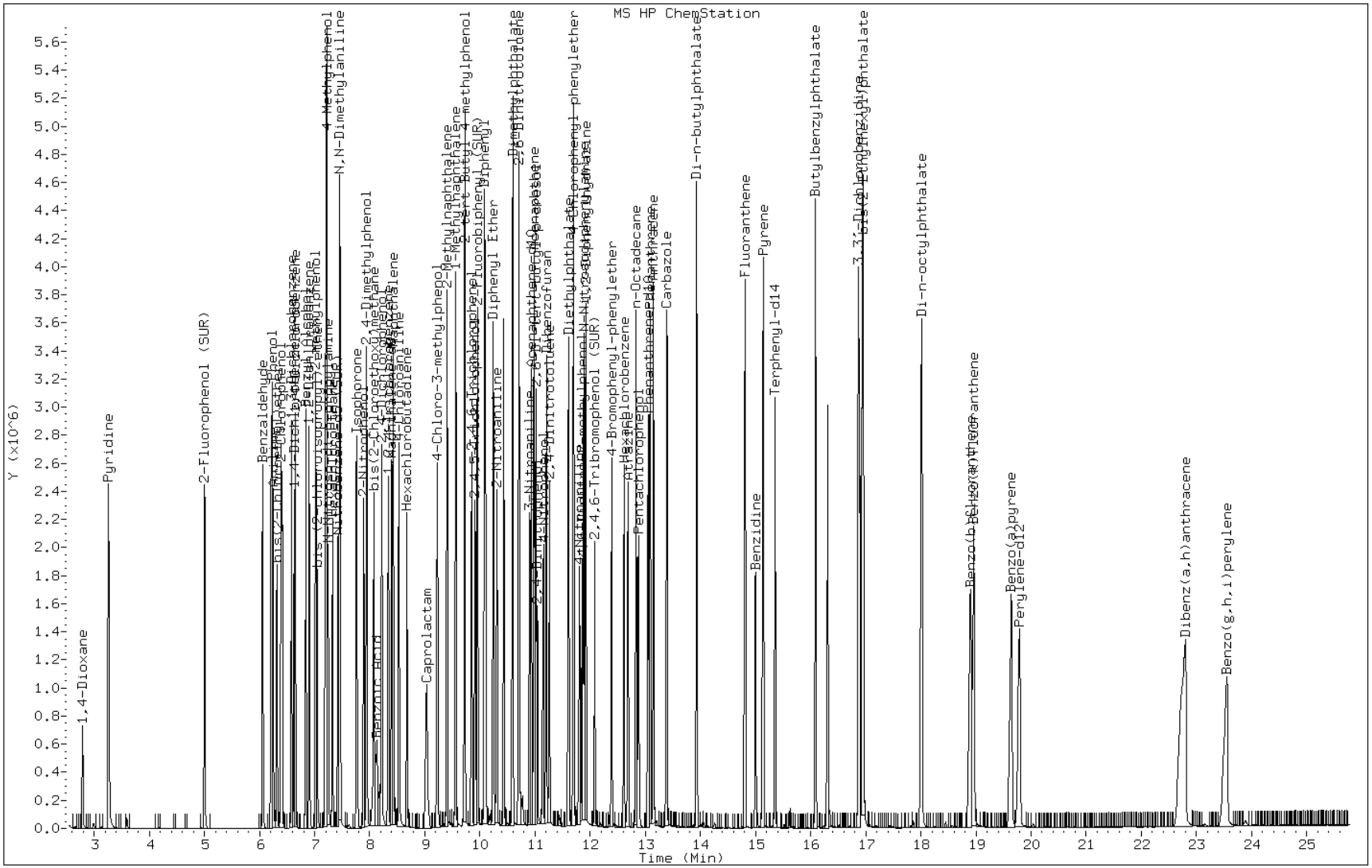
							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	45 Diethylphthalate	149	11.608	11.608	(1.062)	1832983	50.0000	50
	46 4-Chlorophenyl-phenylether	204	11.691	11.691	(1.069)	606070	50.0000	50
	47 Fluorene	166	11.706	11.706	(1.071)	1442955	50.0000	50
	48 4-Nitroaniline	138	11.810	11.810	(1.080)	576242	50.0000	50
	13 4,6-Dinitro-2-methylphenol	198	11.856	11.856	(0.909)	325660	50.0000	50
	49 N-Nitrosodiphenylamine	169	11.886	11.886	(0.911)	1124941	50.0000	50
	75 1,2-Diphenylhydrazine	77	11.923	11.923	(0.914)	1821856	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	12.081	12.081	(1.105)	196601	50.0000	50
	50 4-Bromophenyl-phenylether	248	12.396	12.396	(0.950)	319001	50.0000	50
	51 Hexachlorobenzene	284	12.614	12.614	(0.967)	355642	50.0000	50
	112 Atrazine	200	12.689	12.689	(0.972)	358989	50.0000	50
	115 n-Octadecane	57	12.831	12.831	(0.983)	772531	50.0000	50
	14 Pentachlorophenol	266	12.877	12.877	(0.987)	234738	50.0000	50
*	83 Phenanthrene-d10	188	13.049	13.049	(1.000)	1719509	40.0000	
	52 Phenanthrene	178	13.085	13.085	(1.003)	2037175	50.0000	50
	53 Anthracene	178	13.152	13.152	(1.008)	2107033	50.0000	50
	54 Carbazole	167	13.388	13.388	(1.026)	2306081	50.0000	50
	55 Di-n-butylphthalate	149	13.935	13.935	(1.068)	3366162	50.0000	50
	56 Fluoranthene	202	14.809	14.809	(1.135)	2261976	50.0000	50
	58 Benzidine	184	15.003	15.003	(1.150)	1025735	50.0000	50
	57 Pyrene	202	15.139	15.139	(0.895)	2172896	50.0000	50
$	78 Terphenyl-d14	244	15.354	15.354	(0.908)	1293904	50.0000	50
	59 Butylbenzylphthalate	149	16.093	16.093	(0.951)	1621205	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	16.288	16.288	(0.963)	2383	0.50000	0.50
	60 3,3'-Dichlorobenzidine	252	16.864	16.864	(0.997)	684270	50.0000	50
	61 Benzo(a)anthracene	228	16.886	16.886	(0.998)	1657773	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	16.939	16.939	(1.001)	1690442	50.0000	50
*	81 Chrysene-d12	240	16.917	16.917	(1.000)	1282865	40.0000	
	62 Chrysene	228	16.962	16.962	(1.003)	1281824	50.0000	50
	64 Di-n-octylphthalate	149	18.010	18.010	(0.910)	3788083	50.0000	50
	65 Benzo(b)fluoranthene	252	18.902	18.902	(0.955)	1711179	50.0000	50
	66 Benzo(k)fluoranthene	252	18.963	18.963	(0.958)	1663251	50.0000	50
	67 Benzo(a)pyrene	252	19.643	19.643	(0.993)	1544903	50.0000	50
*	84 Perylene-d12	264	19.787	19.787	(1.000)	1053519	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	22.721	22.721	(1.148)	1786638	50.0000	50
	69 Dibenz(a,h)anthracene	278	22.805	22.805	(1.153)	1417287	50.0000	50
	70 Benzo(g,h,i)perylene	276	23.553	23.553	(1.190)	1542163	50.0000	50

Data File: s42438.d

Date: 07-MAY-2009 02:46

Client ID: Instrument: BNAMS2.i

Sample Info: ICIS-35719 Operator: BNAMS 4



Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42439.d
Report Date: 07-May-2009 06:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42439.d
Lab Smp Id: IC-35723
Inj Date : 07-MAY-2009 03:20
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : IC-35723
Misc Info : 120 ppm std bna4365
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/8270C_08SP.m
Meth Date : 07-May-2009 06:20 asfawa Quant Type: ISTD
Cal Date : 07-MAY-2009 03:20 Cal File: s42439.d
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	2.789	2.789	(0.421)	854078	120.000	110
71	Pyridine	79	3.260	3.260	(0.492)	2026764	120.000	110
19	N-Nitrosodimethylamine	74	3.283	3.283	(0.495)	1039018	120.000	110
$ 16	2-Fluorophenol (SUR)	112	5.008	5.008	(0.755)	2308494	120.000	110
110	Benzaldehyde	77	6.060	6.060	(0.914)	807467	120.000	67
$ 17	Phenol-d5 (SUR)	99	6.232	6.232	(0.940)	2909328	120.000	110
1	Phenol	94	6.254	6.254	(0.943)	2625466	120.000	110
73	Aniline	93	6.262	6.262	(0.944)	2817456	120.000	110
20	bis(2-Chloroethyl)ether	93	6.330	6.330	(0.955)	2011870	120.000	120
2	2-Chlorophenol	128	6.405	6.405	(0.966)	1795878	120.000	110
113	n-decane	43	6.420	6.420	(0.968)	1059935	120.000	110
21	1,3-Dichlorobenzene	146	6.585	6.585	(0.993)	1958103	120.000	110
* 79	1,4-Dichlorobenzene-d4	152	6.630	6.630	(1.000)	529610	40.0000	
22	1,4-Dichlorobenzene	146	6.661	6.661	(1.005)	1754383	120.000	110
74	Benzyl Alcohol	108	6.870	6.870	(1.036)	1652418	120.000	120

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42439.d
Report Date: 07-May-2009 06:20

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
23	1,2-Dichlorobenzene	146	6.915	6.915	(1.043)	1773813	120.000	110
3	2-Methylphenol	108	7.042	7.042	(1.062)	1980451	120.000	110
24	bis (2-chloroisopropyl) ether	45	7.057	7.057	(1.064)	1709598	120.000	100
4	4-Methylphenol	108	7.244	7.244	(1.093)	1888912	120.000	110
123	3 & 4 Methylphenol	108	7.244	7.244	(1.093)	1904338	120.000	110
104	Acetophenone	105	7.237	7.237	(1.091)	2175164	120.000	120
25	N-Nitroso-di-n-propylamine	70	7.274	7.274	(1.097)	1341533	120.000	110
26	Hexachloroethane	117	7.327	7.327	(1.105)	834482	120.000	110
$ 76	Nitrobenzene-d5 (SUR)	82	7.446	7.446	(0.886)	2214650	120.000	110
107	N,N-Dimethylaniline	120	7.484	7.484	(1.129)	2170559	120.000	110
27	Nitrobenzene	77	7.476	7.476	(0.889)	2222360	120.000	120
28	Isophorone	82	7.791	7.791	(0.927)	4523719	120.000	120
5	2-Nitrophenol	139	7.904	7.904	(0.940)	1276066	120.000	110
6	2,4-Dimethylphenol	122	7.972	7.972	(0.948)	1804485	120.000	110
29	bis(2-Chloroethoxy)methane	93	8.092	8.092	(0.963)	2294037	120.000	110
15	Benzoic Acid	122	8.219	8.219	(0.978)	1266045	120.000	120
7	2,4-Dichlorophenol	162	8.241	8.241	(0.980)	1564027	120.000	110
30	1,2,4-Trichlorobenzene	180	8.347	8.347	(0.993)	1538728	120.000	110
* 80	Naphthalene-d8	136	8.406	8.406	(1.000)	1944626	40.0000	
31	Naphthalene	128	8.444	8.444	(1.004)	4290334	120.000	110
32	4-Chloroaniline	127	8.550	8.550	(1.017)	2298161	120.000	110
33	Hexachlorobutadiene	225	8.678	8.678	(1.032)	756292	120.000	120
111	Caprolactam	113	9.150	9.150	(1.088)	908338	120.000	110
8	4-Chloro-3-methylphenol	107	9.253	9.253	(1.101)	1801145	120.000	110
34	2-Methylnaphthalene	142	9.417	9.417	(1.120)	3223917	120.000	120
120	1-Methylnaphthalene	142	9.576	9.576	(1.139)	3188888	120.000	110
121	2-tert-Butyl-4-methylphenol	149	9.750	9.750	(1.160)	1878598	120.000	110
35	Hexachlorocyclopentadiene	237	9.734	9.734	(0.890)	896141	120.000	120(A)
9	2,4,6-Trichlorophenol	196	9.870	9.870	(0.902)	1096234	120.000	120(A)
10	2,4,5-Trichlorophenol	196	9.938	9.938	(0.908)	1130029	120.000	120(A)
$ 77	2-Fluorobiphenyl (SUR)	172	9.968	9.968	(0.911)	3318255	120.000	110
102	Diphenyl	154	10.104	10.104	(0.924)	3432814	120.000	120
36	2-Chloronaphthalene	162	10.119	10.119	(0.925)	2917232	120.000	120
103	Diphenyl Ether	170	10.256	10.256	(0.937)	2240772	120.000	120
37	2-Nitroaniline	65	10.331	10.331	(0.944)	1113650	120.000	120
38	Dimethylphthalate	163	10.617	10.617	(0.970)	3595457	120.000	110
114	Coumarin	146	10.632	10.632	(1.265)	1440755	120.000	120
40	2,6-Dinitrotoluene	165	10.730	10.730	(0.981)	954762	120.000	110
39	Acenaphthylene	152	10.730	10.730	(0.981)	4444110	120.000	120
41	3-Nitroaniline	138	10.934	10.934	(0.999)	1269967	120.000	110
* 82	Acenaphthene-d10	164	10.941	10.941	(1.000)	1147612	40.0000	
42	Acenaphthene	154	11.001	11.001	(1.005)	3156888	120.000	120
122	2,6-Di-tert-butyl-p-cresol	205	11.039	11.039	(1.009)	1999922	120.000	120
11	2,4-Dinitrophenol	184	11.075	11.075	(1.012)	763864	120.000	130(A)
12	4-Nitrophenol	65	11.181	11.181	(1.022)	974661	120.000	120
43	Dibenzofuran	168	11.227	11.227	(1.026)	4379459	120.000	120
44	2,4-Dinitrotoluene	165	11.295	11.295	(1.032)	1530067	120.000	120(A)

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42439.d
Report Date: 07-May-2009 06:20

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	45 Diethylphthalate	149	11.634	11.634	(1.063)	4016202	120.000	110
	46 4-Chlorophenyl-phenylether	204	11.708	11.708	(1.070)	1554602	120.000	120(A)
	47 Fluorene	166	11.723	11.723	(1.072)	3168806	120.000	120
	48 4-Nitroaniline	138	11.873	11.873	(1.085)	1518718	120.000	120(A)
	13 4,6-Dinitro-2-methylphenol	198	11.903	11.903	(0.911)	817864	120.000	120
	49 N-Nitrosodiphenylamine	169	11.918	11.918	(0.912)	2511922	120.000	110
	75 1,2-Diphenylhydrazine	77	11.948	11.948	(0.915)	4493004	120.000	120
$	18 2,4,6-Tribromophenol (SUR)	330	12.099	12.099	(1.106)	533430	120.000	120(A)
	50 4-Bromophenyl-phenylether	248	12.408	12.408	(0.950)	824754	120.000	120
	51 Hexachlorobenzene	284	12.633	12.633	(0.967)	968524	120.000	120(A)
	112 Atrazine	200	12.724	12.724	(0.974)	788187	120.000	120
	115 n-Octadecane	57	12.843	12.843	(0.983)	1746474	120.000	120
	14 Pentachlorophenol	266	12.895	12.895	(0.987)	622385	120.000	120(A)
*	83 Phenanthrene-d10	188	13.062	13.062	(1.000)	1874270	40.0000	
	52 Phenanthrene	178	13.107	13.107	(1.003)	5065339	120.000	120
	53 Anthracene	178	13.176	13.176	(1.009)	5063361	120.000	110
	54 Carbazole	167	13.415	13.415	(1.027)	5417080	120.000	110
	55 Di-n-butylphthalate	149	13.950	13.950	(1.068)	6734615	120.000	110
	56 Fluoranthene	202	14.834	14.834	(1.136)	5708837	120.000	120
	58 Benzidine	184	15.014	15.014	(1.149)	1952616	120.000	110
	57 Pyrene	202	15.164	15.164	(0.895)	5724882	120.000	120
$	78 Terphenyl-d14	244	15.373	15.373	(0.908)	3546522	120.000	120
	59 Butylbenzylphthalate	149	16.108	16.108	(0.951)	3547993	120.000	100
	60 3,3'-Dichlorobenzidine	252	16.901	16.901	(0.998)	1785758	120.000	120(A)
	61 Benzo(a)anthracene	228	16.908	16.908	(0.998)	4781242	120.000	120(A)
	63 bis(2-Ethylhexyl)phthalate	149	16.958	16.958	(1.001)	3445268	120.000	110
*	81 Chrysene-d12	240	16.937	16.937	(1.000)	1490927	40.0000	
	62 Chrysene	228	16.996	16.996	(1.003)	3775685	120.000	120(A)
	64 Di-n-octylphthalate	149	18.038	18.038	(0.910)	8281567	120.000	110
	65 Benzo(b)fluoranthene	252	18.976	18.976	(0.958)	5950043	120.000	120(A)
	66 Benzo(k)fluoranthene	252	18.976	18.976	(0.958)	5950043	120.000	170(A)
	67 Benzo(a)pyrene	252	19.701	19.701	(0.994)	3835263	120.000	120(A)
*	84 Perylene-d12	264	19.813	19.813	(1.000)	1088115	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	22.846	22.846	(1.153)	3965881	120.000	110(M)
	69 Dibenz(a,h)anthracene	278	22.892	22.892	(1.155)	3413457	120.000	120
	70 Benzo(g,h,i)perylene	276	23.639	23.639	(1.193)	3289152	120.000	110

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: s42439.d

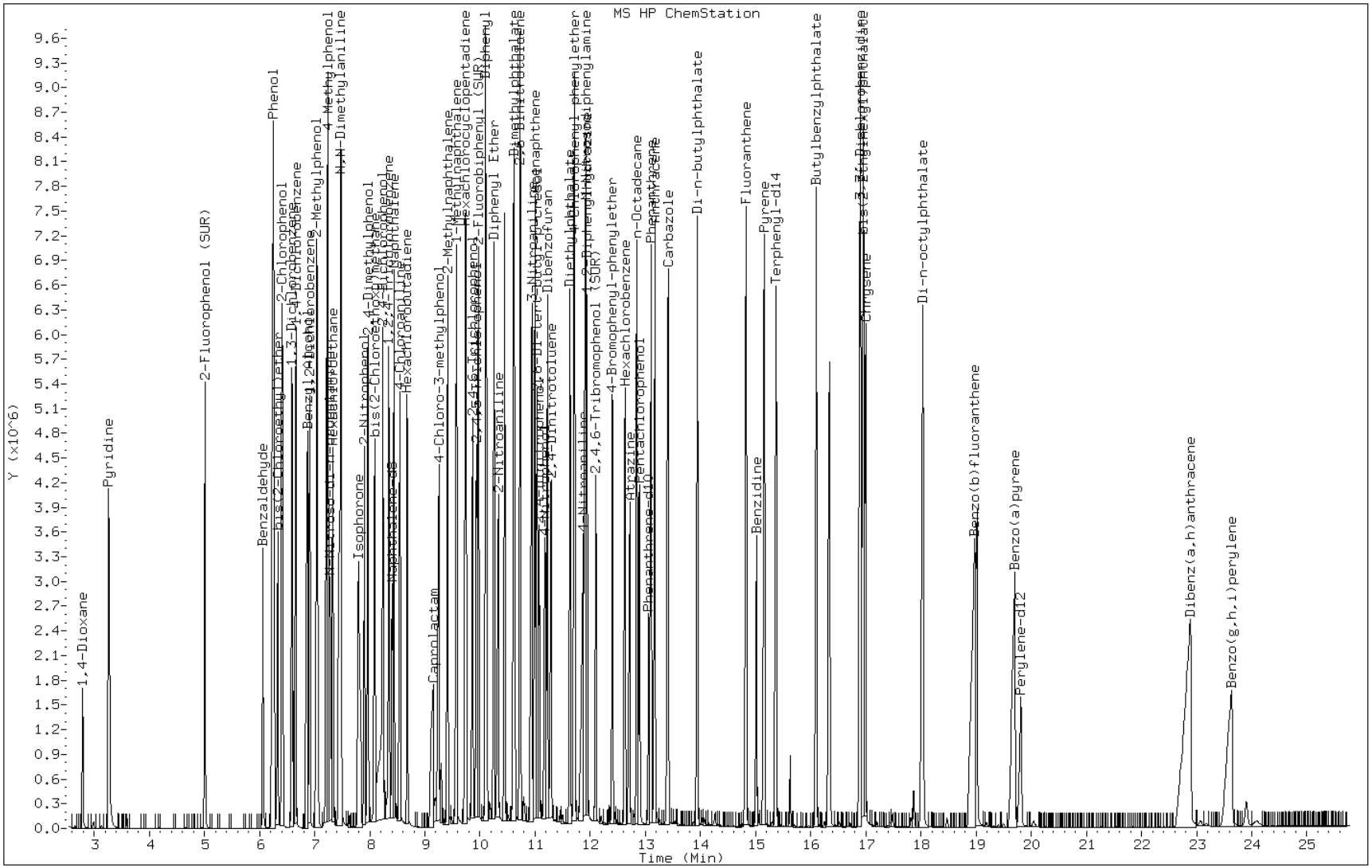
Date: 07-MAY-2009 03:20

Client ID:

Instrument: BNAMS2.i

Sample Info: IC-35723

Operator: BNAMS 4



Manual Integration Report

Data File: s42439.d
Inj. Date and Time: 07-MAY-2009 03:20
Instrument ID: BNAMS2.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/07/2009

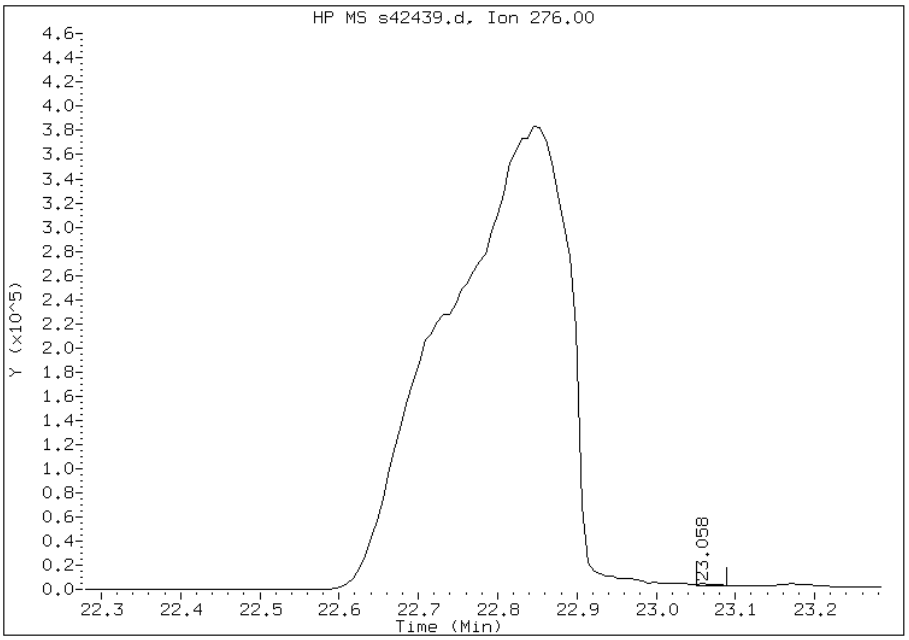
Processing Integration Results

RT: 23.06

Response: 2132

Amount: 0

Conc: 0



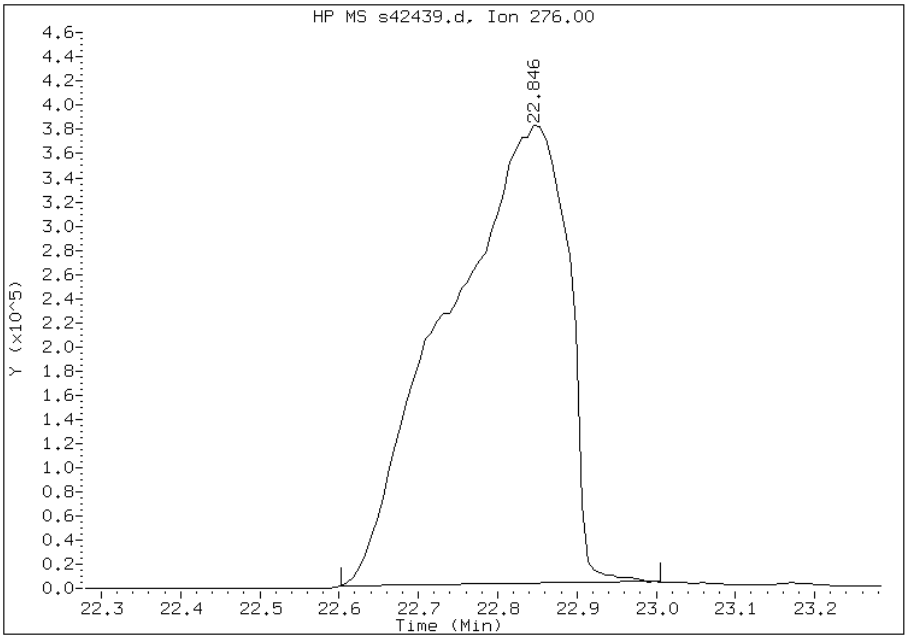
Manual Integration Results

RT: 22.85

Response: 3965881

Amount: 113

Conc: 113



Manually Integrated By: czhao
Manual Integration Reason:

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42440.d
Report Date: 07-May-2009 06:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42440.d
Lab Smp Id: IC-36753
Inj Date : 07-MAY-2009 03:54
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : IC-36753
Misc Info : 005 ppm std bna4365
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/8270C_08SP.m
Meth Date : 07-May-2009 06:20 asfawa Quant Type: ISTD
Cal Date : 07-MAY-2009 03:54 Cal File: s42440.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	2.791	2.791	(0.422)	29904	5.00000	4.6(a)
	71 Pyridine	79	3.260	3.260	(0.492)	81291	5.00000	5.0
	19 N-Nitrosodimethylamine	74	3.260	3.260	(0.492)	48556	5.00000	5.3
$	16 2-Fluorophenol (SUR)	112	5.002	5.002	(0.755)	87069	5.00000	4.8(a)
	110 Benzaldehyde	77	6.053	6.053	(0.914)	69624	5.00000	5.6
$	17 Phenol-d5 (SUR)	99	6.196	6.196	(0.936)	127483	5.00000	5.1
	1 Phenol	94	6.211	6.211	(0.938)	125210	5.00000	5.4
	73 Aniline	93	6.241	6.241	(0.943)	149204	5.00000	5.8
	20 bis(2-Chloroethyl)ether	93	6.308	6.308	(0.953)	11465	0.50000	0.73
	2 2-Chlorophenol	128	6.383	6.383	(0.964)	88246	5.00000	5.6
	113 n-decane	43	6.406	6.406	(0.968)	64203	5.00000	4.9(a)
	21 1,3-Dichlorobenzene	146	6.575	6.575	(0.993)	103738	5.00000	5.8
*	79 1,4-Dichlorobenzene-d4	152	6.621	6.621	(1.000)	480934	40.0000	
	22 1,4-Dichlorobenzene	146	6.643	6.643	(1.003)	92107	5.00000	5.8
	74 Benzyl Alcohol	108	6.828	6.828	(1.031)	65321	5.00000	5.0

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42440.d
Report Date: 07-May-2009 06:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	6.903	6.903	(1.043)	95524	5.00000	5.9
	3 2-Methylphenol	108	7.007	7.007	(1.058)	90932	5.00000	5.4
	24 bis (2-chloroisopropyl) ether	45	7.037	7.037	(1.063)	96080	5.00000	5.9
	4 4-Methylphenol	108	7.200	7.200	(1.088)	102976	5.00000	6.0
	123 3 & 4 Methylphenol	108	7.200	7.200	(1.088)	102976	5.00000	6.0
	104 Acetophenone	105	7.200	7.200	(1.088)	135854	5.00000	6.1
	25 N-Nitroso-di-n-propylamine	70	7.223	7.223	(1.091)	5244	0.50000	0.50(M)
	26 Hexachloroethane	117	7.319	7.319	(1.105)	4579	0.50000	0.60
$	76 Nitrobenzene-d5 (SUR)	82	7.409	7.409	(0.883)	100662	5.00000	5.4
	107 N,N-Dimethylaniline	120	7.447	7.447	(1.125)	15889	0.50000	0.42(a)
	27 Nitrobenzene	77	7.439	7.439	(0.886)	14636	0.50000	0.59
	28 Isophorone	82	7.744	7.744	(0.923)	206292	5.00000	5.5
	5 2-Nitrophenol	139	7.887	7.887	(0.940)	52239	5.00000	5.0
	6 2,4-Dimethylphenol	122	7.932	7.932	(0.945)	83978	5.00000	5.4
	29 bis(2-Chloroethoxy)methane	93	8.065	8.065	(0.961)	113844	5.00000	5.6
	15 Benzoic Acid	122	8.036	8.036	(0.957)	59799	5.00000	6.1(H)
	7 2,4-Dichlorophenol	162	8.207	8.207	(0.978)	73839	5.00000	5.4
	30 1,2,4-Trichlorobenzene	180	8.334	8.334	(0.993)	7241	0.50000	0.55
*	80 Naphthalene-d8	136	8.393	8.393	(1.000)	1798701	40.0000	
	31 Naphthalene	128	8.423	8.423	(1.004)	234098	5.00000	5.9
	32 4-Chloroaniline	127	8.520	8.520	(1.015)	108029	5.00000	5.4
	33 Hexachlorobutadiene	225	8.670	8.670	(1.033)	5993	1.00000	1.0
	111 Caprolactam	113	8.938	8.938	(1.065)	42209	5.00000	5.3
	8 4-Chloro-3-methylphenol	107	9.212	9.212	(1.098)	86784	5.00000	5.4
	34 2-Methylnaphthalene	142	9.396	9.396	(1.120)	183787	5.00000	5.2
	120 1-Methylnaphthalene	142	9.553	9.553	(1.138)	174315	5.00000	5.9(a)
	121 2-tert-Butyl-4-methylphenol	149	9.710	9.710	(1.157)	125352	5.00000	4.9(a)
	35 Hexachlorocyclopentadiene	237	9.724	9.724	(0.890)	29900	5.00000	4.4(a)
	9 2,4,6-Trichlorophenol	196	9.843	9.843	(0.901)	44570	5.00000	5.0
	10 2,4,5-Trichlorophenol	196	9.895	9.895	(0.906)	46299	5.00000	5.1
$	77 2-Fluorobiphenyl (SUR)	172	9.947	9.947	(0.910)	179468	5.00000	5.8
	102 Diphenyl	154	10.071	10.071	(0.922)	214496	5.00000	4.8(a)
	36 2-Chloronaphthalene	162	10.094	10.094	(0.924)	160526	5.00000	5.8
	103 Diphenyl Ether	170	10.234	10.234	(0.937)	112305	5.00000	5.5
	37 2-Nitroaniline	65	10.286	10.286	(0.941)	99432	10.0000	10
	38 Dimethylphthalate	163	10.580	10.580	(0.968)	203733	5.00000	5.9
	114 Coumarin	146	10.580	10.580	(1.261)	77965	5.00000	6.9
	40 2,6-Dinitrotoluene	165	10.686	10.686	(0.978)	8976	1.00000	1.0
	39 Acenaphthylene	152	10.701	10.701	(0.979)	290676	5.00000	5.2
	41 3-Nitroaniline	138	10.888	10.888	(0.997)	115402	10.0000	10
*	82 Acenaphthene-d10	164	10.926	10.926	(1.000)	1140681	40.0000	
	42 Acenaphthene	154	10.971	10.971	(1.004)	155667	5.00000	5.5
	122 2,6-Di-tert-butyl-p-cresol	205	11.009	11.009	(1.008)	96517	5.00000	5.5
	11 2,4-Dinitrophenol	184	11.032	11.032	(1.010)	72577	15.0000	13(a)
	12 4-Nitrophenol	65	11.129	11.129	(1.019)	119083	15.0000	15
	43 Dibenzofuran	168	11.197	11.197	(1.025)	234773	5.00000	5.8
	44 2,4-Dinitrotoluene	165	11.242	11.242	(1.029)	12207	1.00000	0.98(a)

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42440.d
Report Date: 07-May-2009 06:20

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	45 Diethylphthalate	149	11.593	11.593	(1.061)	217749	5.00000	5.7
	46 4-Chlorophenyl-phenylether	204	11.683	11.683	(1.069)	72365	5.00000	5.4
	47 Fluorene	166	11.691	11.691	(1.070)	193285	5.00000	7.2
	48 4-Nitroaniline	138	11.773	11.773	(1.078)	117334	10.0000	9.7(a)
	13 4,6-Dinitro-2-methylphenol	198	11.825	11.825	(0.906)	88084	15.0000	14(a)
	49 N-Nitrosodiphenylamine	169	11.869	11.869	(0.910)	128671	5.00000	5.7
	75 1,2-Diphenylhydrazine	77	11.907	11.907	(0.913)	228262	5.00000	5.9
$	18 2,4,6-Tribromophenol (SUR)	330	12.072	12.072	(1.105)	19905	5.00000	4.8(a)
	50 4-Bromophenyl-phenylether	248	12.385	12.385	(0.949)	33228	5.00000	5.2
	51 Hexachlorobenzene	284	12.603	12.603	(0.966)	3913	0.50000	0.53
	112 Atrazine	200	12.670	12.670	(0.971)	46862	5.00000	5.4
	115 n-Octadecane	57	12.826	12.826	(0.983)	98111	5.00000	7.2
	14 Pentachlorophenol	266	12.864	12.864	(0.986)	75369	15.0000	16
*	83 Phenanthrene-d10	188	13.044	13.044	(1.000)	1714797	40.0000	
	52 Phenanthrene	178	13.075	13.075	(1.002)	237392	5.00000	5.6
	53 Anthracene	178	13.135	13.135	(1.007)	252524	5.00000	5.8
	54 Carbazole	167	13.375	13.375	(1.025)	283381	5.00000	5.9
	55 Di-n-butylphthalate	149	13.922	13.922	(1.067)	405143	5.00000	4.1(a)
	56 Fluoranthene	202	14.797	14.797	(1.134)	255005	5.00000	5.5
	58 Benzidine	184	14.991	14.991	(1.149)	70227	5.00000	1.9(a)
	57 Pyrene	202	15.125	15.125	(0.895)	257787	5.00000	5.3
$	78 Terphenyl-d14	244	15.343	15.343	(0.908)	139281	5.00000	4.9(a)
	59 Butylbenzylphthalate	149	16.081	16.081	(0.951)	195171	5.00000	5.7
	60 3,3'-Dichlorobenzidine	252	16.853	16.853	(0.997)	134444	10.0000	9.4(a)
	61 Benzo(a)anthracene	228	16.868	16.868	(0.998)	21275	0.50000	0.55
	63 bis(2-Ethylhexyl)phthalate	149	16.936	16.936	(1.002)	233404	5.00000	3.7(a)
*	81 Chrysene-d12	240	16.905	16.905	(1.000)	1414224	40.0000	
	62 Chrysene	228	16.936	16.936	(1.002)	161176	5.00000	5.4
	64 Di-n-octylphthalate	149	17.994	17.994	(0.910)	439347	5.00000	5.3
	65 Benzo(b)fluoranthene	252	18.860	18.860	(0.954)	18429	0.50000	0.54(H)
	66 Benzo(k)fluoranthene	252	18.906	18.906	(0.956)	20297	0.50000	0.52
	67 Benzo(a)pyrene	252	19.601	19.601	(0.991)	16751	0.50000	0.49(a)
*	84 Perylene-d12	264	19.773	19.773	(1.000)	1175774	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	22.647	22.647	(1.145)	15267	0.50000	0.43(aH)
	69 Dibenz(a,h)anthracene	278	22.706	22.706	(1.148)	14755	0.50000	0.48(a)
	70 Benzo(g,h,i)perylene	276	23.456	23.456	(1.186)	169914	5.00000	5.2

QC Flag Legend

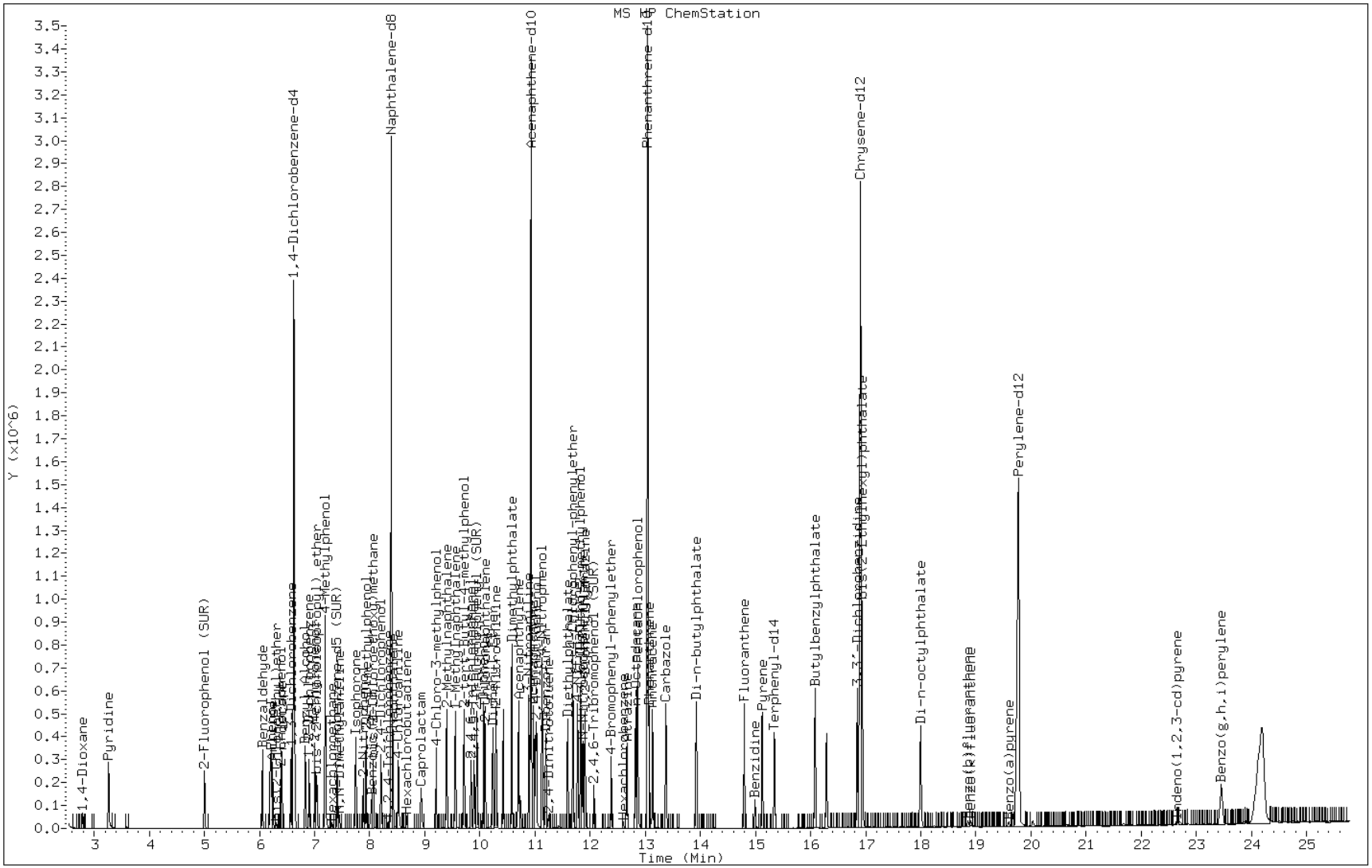
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: s42440.d

Date: 07-MAY-2009 03:54

Client ID: Instrument: BNAMS2.i

Sample Info: IC-36753 Operator: BNAMS 4



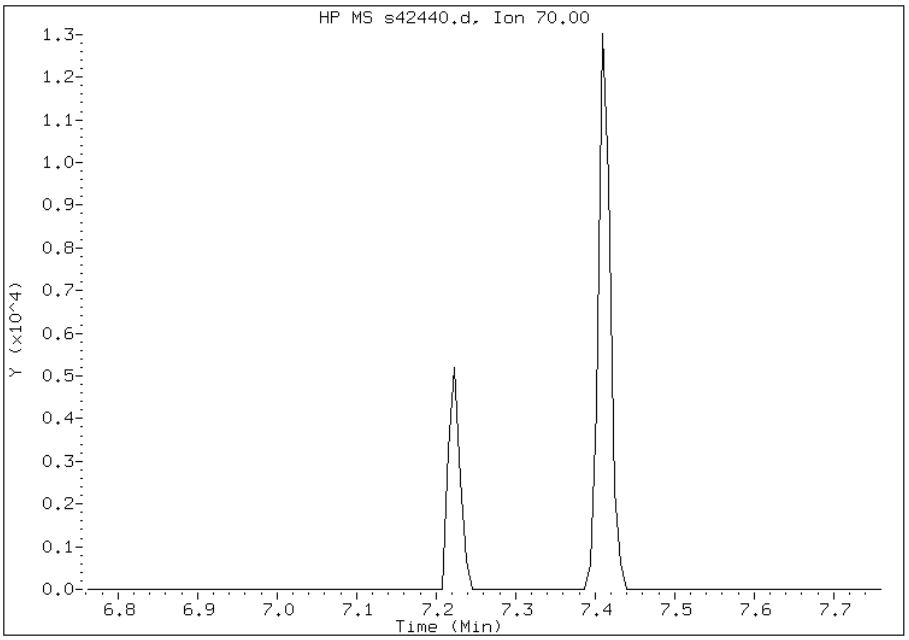
Manual Integration Report

Data File: s42440.d
Inj. Date and Time: 07-MAY-2009 03:54
Instrument ID: BNAMS2.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 05/07/2009

Processing Integration Results

Not Detected

Expected RT: 7.26



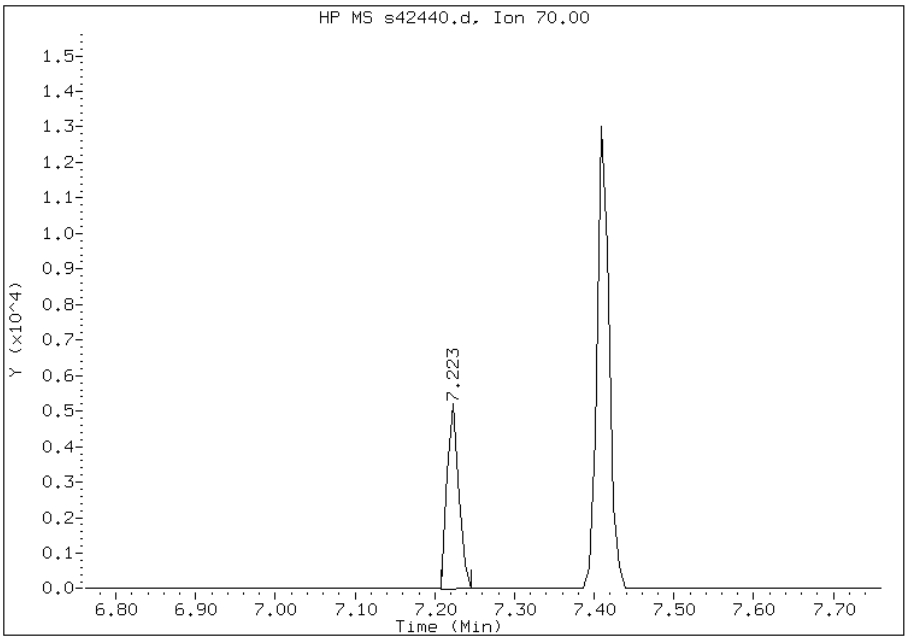
Manual Integration Results

RT: 7.22

Response: 5244

Amount: 0

Conc: 0



Manually Integrated By: czhao
Manual Integration Reason:

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42441.d
Report Date: 07-May-2009 13:44

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42441.d
Lab Smp Id: IC-35720
Inj Date : 07-MAY-2009 04:29
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : IC-35720
Misc Info : 80 ppm std bna4365
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/8270C_08SP.m
Meth Date : 07-May-2009 13:44 czhao Quant Type: ISTD
Cal Date : 07-MAY-2009 04:29 Cal File: s42441.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	2.789	2.789	(0.421)	521671	80.0000	80
	71 Pyridine	79	3.257	3.257	(0.491)	1258114	80.0000	77
	19 N-Nitrosodimethylamine	74	3.272	3.272	(0.494)	673335	80.0000	73
$	16 2-Fluorophenol (SUR)	112	5.005	5.005	(0.755)	1525456	80.0000	82
	110 Benzaldehyde	77	6.057	6.057	(0.914)	571468	80.0000	58
$	17 Phenol-d5 (SUR)	99	6.215	6.215	(0.938)	1905291	80.0000	77
	1 Phenol	94	6.237	6.237	(0.941)	1739907	80.0000	74
	73 Aniline	93	6.252	6.252	(0.943)	1854006	80.0000	70
	20 bis(2-Chloroethyl)ether	93	6.320	6.320	(0.954)	1262745	80.0000	80
	2 2-Chlorophenol	128	6.395	6.395	(0.965)	1231610	80.0000	76
	113 n-decane	43	6.417	6.417	(0.968)	706817	80.0000	79
	21 1,3-Dichlorobenzene	146	6.583	6.583	(0.993)	1286790	80.0000	72
*	79 1,4-Dichlorobenzene-d4	152	6.628	6.628	(1.000)	481750	40.0000	
	22 1,4-Dichlorobenzene	146	6.650	6.650	(1.003)	1159504	80.0000	73
	74 Benzyl Alcohol	108	6.853	6.853	(1.034)	1012598	80.0000	77

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42441.d
Report Date: 07-May-2009 13:44

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
23	1,2-Dichlorobenzene	146	6.906	6.906	(1.042)	1196384	80.0000	72
3	2-Methylphenol	108	7.026	7.026	(1.060)	1273940	80.0000	75
24	bis (2-chloroisopropyl) ether	45	7.049	7.049	(1.063)	1166403	80.0000	70
4	4-Methylphenol	108	7.229	7.229	(1.091)	1221299	80.0000	70
123	3 & 4 Methylphenol	108	7.229	7.229	(1.091)	1221299	80.0000	70
104	Acetophenone	105	7.222	7.222	(1.090)	1369463	80.0000	77
25	N-Nitroso-di-n-propylamine	70	7.259	7.259	(1.095)	827829	80.0000	76
26	Hexachloroethane	117	7.325	7.325	(1.105)	580212	80.0000	75
$ 76	Nitrobenzene-d5 (SUR)	82	7.430	7.430	(0.884)	1389247	80.0000	72
107	N,N-Dimethylaniline	120	7.467	7.467	(1.127)	1489197	80.0000	79
27	Nitrobenzene	77	7.459	7.459	(0.888)	1448823	80.0000	76
28	Isophorone	82	7.774	7.774	(0.925)	2819165	80.0000	72
5	2-Nitrophenol	139	7.894	7.894	(0.939)	783882	80.0000	73
6	2,4-Dimethylphenol	122	7.955	7.955	(0.946)	1139989	80.0000	71
29	bis(2-Chloroethoxy)methane	93	8.083	8.083	(0.962)	1499172	80.0000	71
15	Benzoic Acid	122	8.173	8.173	(0.972)	766838	80.0000	76
7	2,4-Dichlorophenol	162	8.226	8.226	(0.979)	1048708	80.0000	73
30	1,2,4-Trichlorobenzene	180	8.345	8.345	(0.993)	1029765	80.0000	74
* 80	Naphthalene-d8	136	8.404	8.404	(1.000)	1851415	40.0000	
31	Naphthalene	128	8.435	8.435	(1.004)	2875733	80.0000	69
32	4-Chloroaniline	127	8.540	8.540	(1.016)	1514237	80.0000	71
33	Hexachlorobutadiene	225	8.675	8.675	(1.032)	461792	80.0000	74
111	Caprolactam	113	9.078	9.078	(1.080)	560872	80.0000	69
8	4-Chloro-3-methylphenol	107	9.236	9.236	(1.099)	1198129	80.0000	71
34	2-Methylnaphthalene	142	9.408	9.408	(1.119)	2161191	80.0000	78
120	1-Methylnaphthalene	142	9.567	9.567	(1.138)	2160675	80.0000	69
121	2-tert-Butyl-4-methylphenol	149	9.732	9.732	(1.158)	1262132	80.0000	76
35	Hexachlorocyclopentadiene	237	9.732	9.732	(0.890)	515555	80.0000	81
9	2,4,6-Trichlorophenol	196	9.860	9.860	(0.902)	663774	80.0000	77
10	2,4,5-Trichlorophenol	196	9.920	9.920	(0.907)	698734	80.0000	77
$ 77	2-Fluorobiphenyl (SUR)	172	9.966	9.966	(0.911)	2186697	80.0000	70
102	Diphenyl	154	10.094	10.094	(0.923)	2404007	80.0000	78
36	2-Chloronaphthalene	162	10.109	10.109	(0.924)	1947502	80.0000	71
103	Diphenyl Ether	170	10.245	10.245	(0.937)	1464967	80.0000	73
37	2-Nitroaniline	65	10.313	10.313	(0.943)	677261	80.0000	73
38	Dimethylphthalate	163	10.604	10.604	(0.970)	2400736	80.0000	70
114	Coumarin	146	10.612	10.612	(1.263)	922208	80.0000	79
40	2,6-Dinitrotoluene	165	10.718	10.718	(0.980)	663889	80.0000	76
39	Acenaphthylene	152	10.725	10.725	(0.981)	3095657	80.0000	78
41	3-Nitroaniline	138	10.920	10.920	(0.999)	840006	80.0000	75
* 82	Acenaphthene-d10	164	10.935	10.935	(1.000)	1119535	40.0000	
42	Acenaphthene	154	10.988	10.988	(1.005)	1985305	80.0000	72
122	2,6-Di-tert-butyl-p-cresol	205	11.026	11.026	(1.008)	1292241	80.0000	75
11	2,4-Dinitrophenol	184	11.056	11.056	(1.011)	452245	80.0000	85
12	4-Nitrophenol	65	11.162	11.162	(1.021)	612896	80.0000	77
43	Dibenzofuran	168	11.215	11.215	(1.026)	2853636	80.0000	71
44	2,4-Dinitrotoluene	165	11.275	11.275	(1.031)	966425	80.0000	78

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42441.d
Report Date: 07-May-2009 13:44

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	45 Diethylphthalate	149	11.621	11.621	(1.063)	2614499	80.0000	70
	46 4-Chlorophenyl-phenylether	204	11.703	11.703	(1.070)	975410	80.0000	76
	47 Fluorene	166	11.711	11.711	(1.071)	2145943	80.0000	80
	48 4-Nitroaniline	138	11.830	11.830	(1.082)	925694	80.0000	78
	13 4,6-Dinitro-2-methylphenol	198	11.876	11.876	(0.910)	518855	80.0000	82
	49 N-Nitrosodiphenylamine	169	11.899	11.899	(0.912)	1768139	80.0000	75
	75 1,2-Diphenylhydrazine	77	11.929	11.929	(0.914)	2721955	80.0000	70
$	18 2,4,6-Tribromophenol (SUR)	330	12.093	12.093	(1.106)	329825	80.0000	81
	50 4-Bromophenyl-phenylether	248	12.399	12.399	(0.950)	480128	80.0000	75
	51 Hexachlorobenzene	284	12.624	12.624	(0.967)	590111	80.0000	79
	112 Atrazine	200	12.707	12.707	(0.974)	528040	80.0000	79
	115 n-Octadecane	57	12.835	12.835	(0.983)	1119068	80.0000	80
	14 Pentachlorophenol	266	12.881	12.881	(0.987)	389703	80.0000	79
*	83 Phenanthrene-d10	188	13.053	13.053	(1.000)	1725319	40.0000	
	52 Phenanthrene	178	13.098	13.098	(1.003)	3229525	80.0000	74
	53 Anthracene	178	13.158	13.158	(1.008)	3275725	80.0000	72
	54 Carbazole	167	13.398	13.398	(1.026)	3603448	80.0000	73
	55 Di-n-butylphthalate	149	13.943	13.943	(1.068)	4724773	80.0000	81
	56 Fluoranthene	202	14.817	14.817	(1.135)	3561847	80.0000	75
	58 Benzidine	184	15.005	15.005	(1.150)	1315678	80.0000	74
	57 Pyrene	202	15.147	15.147	(0.895)	3517063	80.0000	76
$	78 Terphenyl-d14	244	15.365	15.365	(0.908)	2127940	80.0000	80
	59 Butylbenzylphthalate	149	16.097	16.097	(0.951)	2332302	80.0000	70
	60 3,3'-Dichlorobenzidine	252	16.880	16.880	(0.997)	1083413	80.0000	79
	61 Benzo(a)anthracene	228	16.895	16.895	(0.998)	2754957	80.0000	77
	63 bis(2-Ethylhexyl)phthalate	149	16.948	16.948	(1.001)	2384187	80.0000	81
*	81 Chrysene-d12	240	16.925	16.925	(1.000)	1334316	40.0000	
	62 Chrysene	228	16.978	16.978	(1.003)	2238043	80.0000	80
	64 Di-n-octylphthalate	149	18.022	18.022	(0.910)	5561175	80.0000	73
	65 Benzo(b)fluoranthene	252	18.929	18.929	(0.956)	3089574	80.0000	79
	66 Benzo(k)fluoranthene	252	18.982	18.982	(0.959)	2432627	80.0000	72(M)
	67 Benzo(a)pyrene	252	19.667	19.667	(0.993)	2489086	80.0000	79
*	84 Perylene-d12	264	19.803	19.803	(1.000)	1083873	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	22.781	22.781	(1.150)	2786907	80.0000	81(M)
	69 Dibenz(a,h)anthracene	278	22.842	22.842	(1.153)	2249848	80.0000	79
	70 Benzo(g,h,i)perylene	276	23.592	23.592	(1.191)	2306112	80.0000	77

QC Flag Legend

M - Compound response manually integrated.

Data File: s42441.d

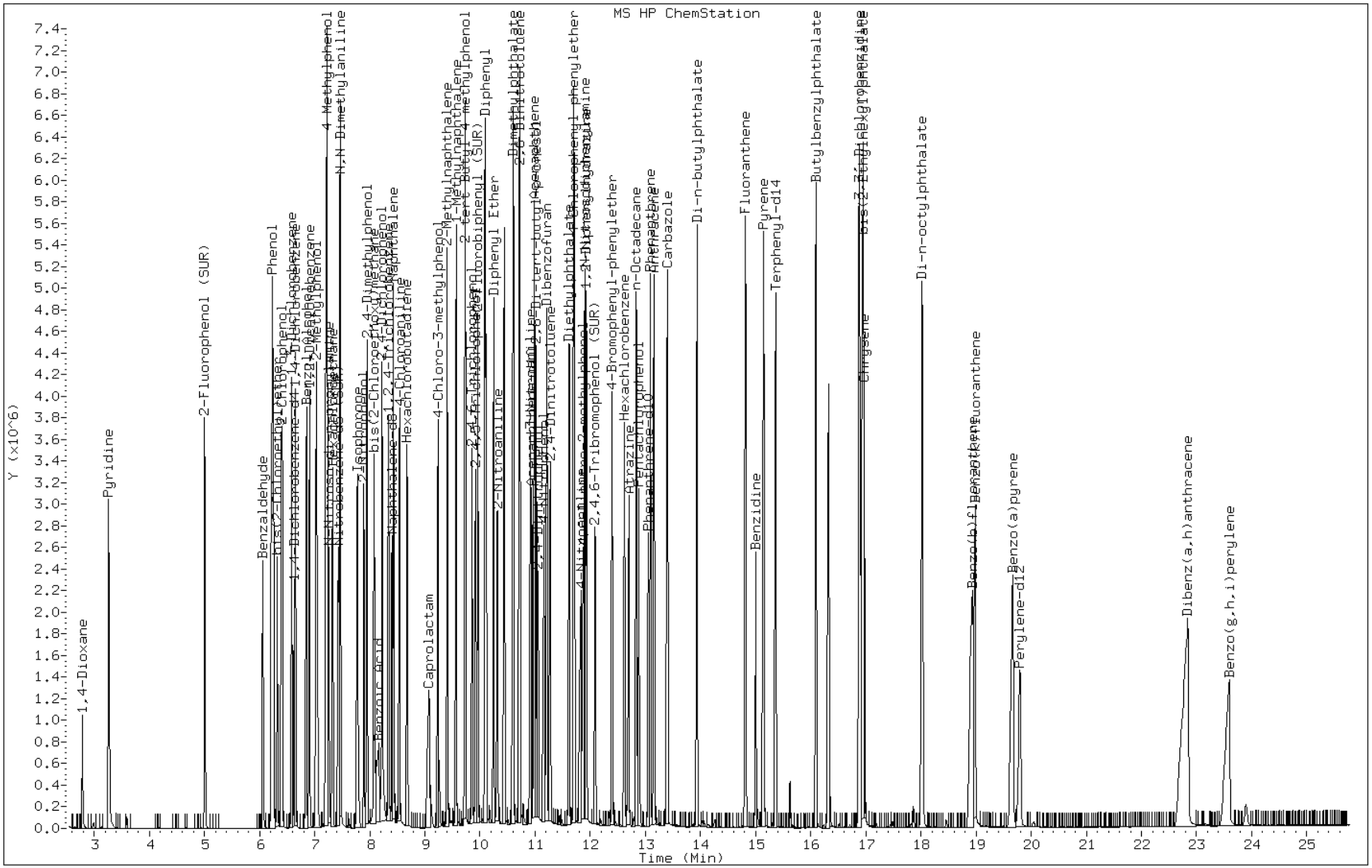
Date: 07-MAY-2009 04:29

Client ID:

Instrument: BNAMS2.i

Sample Info: IC-35720

Operator: BNAMS 4



Manual Integration Report

Data File: s42441.d
Inj. Date and Time: 07-MAY-2009 04:29
Instrument ID: BNAMS2.i
Client ID:
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 05/07/2009

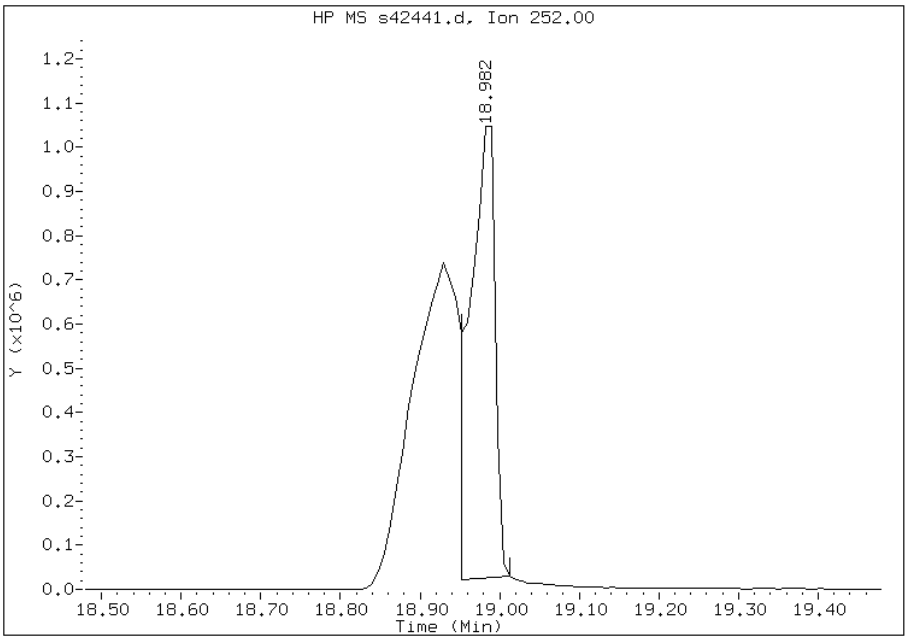
Processing Integration Results

RT: 18.98

Response: 2305251

Amount: 69

Conc: 69



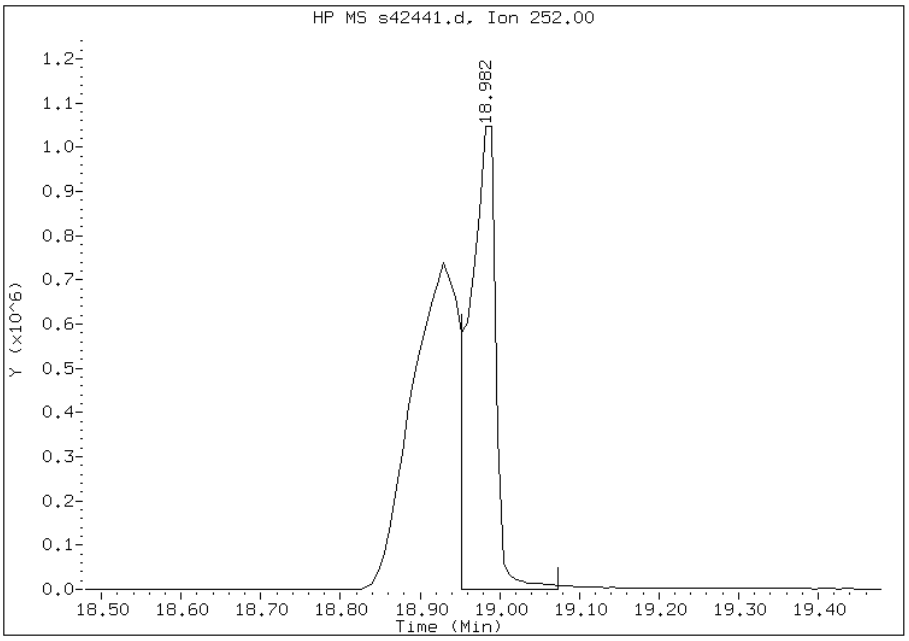
Manual Integration Results

RT: 18.98

Response: 2432627

Amount: 72

Conc: 72



Manually Integrated By: czhao
Manual Integration Reason:

Manual Integration Report

Data File: s42441.d
Inj. Date and Time: 07-MAY-2009 04:29
Instrument ID: BNAMS2.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/07/2009

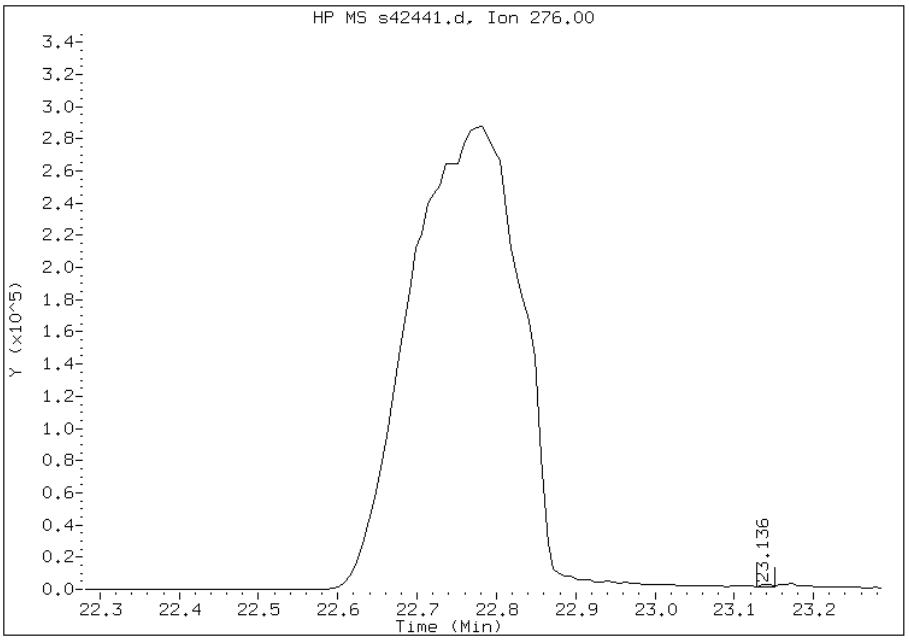
Processing Integration Results

RT: 23.14

Response: 1158

Amount: 0

Conc: 0



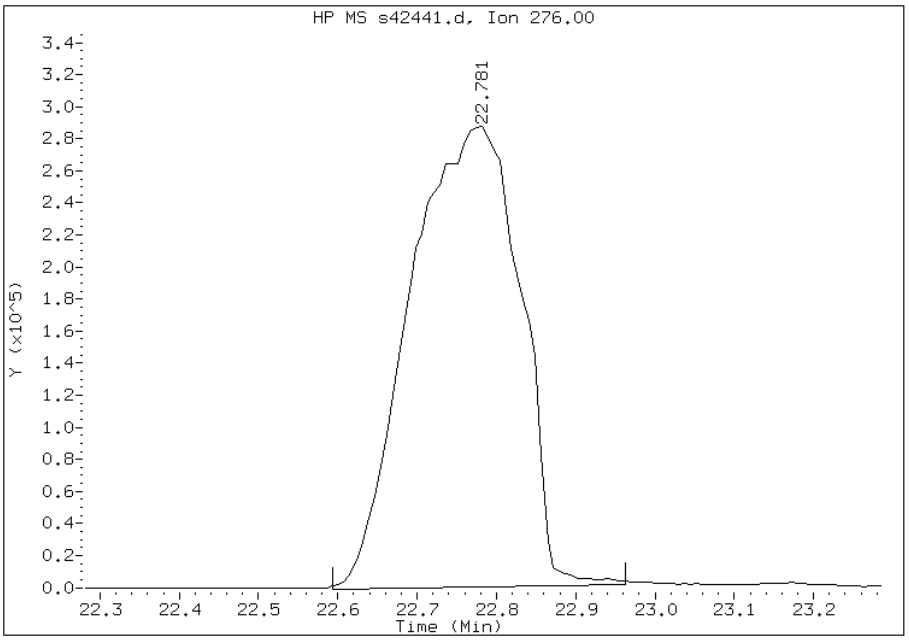
Manual Integration Results

RT: 22.78

Response: 2786907

Amount: 81

Conc: 81



Manually Integrated By: czhao
Manual Integration Reason:

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42442.d
Report Date: 07-May-2009 06:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42442.d
Lab Smp Id: IC-35718
Inj Date : 07-MAY-2009 05:03
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : IC-35718
Misc Info : 20 ppm std bna4365
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/8270C_08SP.m
Meth Date : 07-May-2009 06:20 asfawa Quant Type: ISTD
Cal Date : 07-MAY-2009 05:03 Cal File: s42442.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	2.791	2.791	(0.421)	136766	20.0000	20
	71 Pyridine	79	3.261	3.261	(0.492)	342803	20.0000	20
	19 N-Nitrosodimethylamine	74	3.261	3.261	(0.492)	193436	20.0000	21
$	16 2-Fluorophenol (SUR)	112	5.004	5.004	(0.755)	370913	20.0000	20
	110 Benzaldehyde	77	6.056	6.056	(0.914)	221741	20.0000	20
$	17 Phenol-d5 (SUR)	99	6.199	6.199	(0.936)	506462	20.0000	20
	1 Phenol	94	6.214	6.214	(0.938)	511355	20.0000	21
	73 Aniline	93	6.244	6.244	(0.942)	579954	20.0000	22
	20 bis(2-Chloroethyl)ether	93	6.311	6.311	(0.953)	361636	20.0000	22
	2 2-Chlorophenol	128	6.386	6.386	(0.964)	351874	20.0000	21
	113 n-decane	43	6.409	6.409	(0.967)	229849	20.0000	20
	21 1,3-Dichlorobenzene	146	6.580	6.580	(0.993)	381628	20.0000	21
*	79 1,4-Dichlorobenzene-d4	152	6.625	6.625	(1.000)	498018	40.0000	
	22 1,4-Dichlorobenzene	146	6.648	6.648	(1.003)	348514	20.0000	21
	74 Benzyl Alcohol	108	6.834	6.834	(1.032)	281198	20.0000	21

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42442.d
Report Date: 07-May-2009 06:20

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
23	1,2-Dichlorobenzene	146	6.902	6.902	(1.042)	356128	20.0000	21
3	2-Methylphenol	108	7.014	7.014	(1.059)	366039	20.0000	21
24	bis (2-chloroisopropyl) ether	45	7.037	7.037	(1.062)	366129	20.0000	22
4	4-Methylphenol	108	7.202	7.202	(1.087)	385839	20.0000	22
123	3 & 4 Methylphenol	108	7.202	7.202	(1.087)	385839	20.0000	22
104	Acetophenone	105	7.202	7.202	(1.087)	440186	20.0000	21
25	N-Nitroso-di-n-propylamine	70	7.232	7.232	(1.092)	229222	20.0000	21
26	Hexachloroethane	117	7.322	7.322	(1.105)	161023	20.0000	20
$ 76	Nitrobenzene-d5 (SUR)	82	7.420	7.420	(0.884)	397404	20.0000	21
107	N,N-Dimethylaniline	120	7.450	7.450	(1.125)	515188	20.0000	19
27	Nitrobenzene	77	7.443	7.443	(0.887)	450477	20.0000	21
28	Isophorone	82	7.749	7.749	(0.923)	789888	20.0000	21
5	2-Nitrophenol	139	7.884	7.884	(0.939)	217938	20.0000	21
6	2,4-Dimethylphenol	122	7.937	7.937	(0.946)	328497	20.0000	21
29	bis(2-Chloroethoxy)methane	93	8.071	8.071	(0.962)	432166	20.0000	21
15	Benzoic Acid	122	8.094	8.094	(0.964)	273226	20.0000	28
7	2,4-Dichlorophenol	162	8.214	8.214	(0.979)	303025	20.0000	22
30	1,2,4-Trichlorobenzene	180	8.333	8.333	(0.993)	280553	20.0000	21
* 80	Naphthalene-d8	136	8.393	8.393	(1.000)	1815381	40.0000	
31	Naphthalene	128	8.423	8.423	(1.004)	876035	20.0000	22
32	4-Chloroaniline	127	8.528	8.528	(1.016)	453414	20.0000	22
33	Hexachlorobutadiene	225	8.671	8.671	(1.033)	126801	20.0000	21
111	Caprolactam	113	8.971	8.971	(1.069)	164458	20.0000	21
8	4-Chloro-3-methylphenol	107	9.219	9.219	(1.098)	349330	20.0000	22
34	2-Methylnaphthalene	142	9.399	9.399	(1.120)	663311	20.0000	21
120	1-Methylnaphthalene	142	9.555	9.555	(1.138)	666043	20.0000	22
121	2-tert-Butyl-4-methylphenol	149	9.717	9.717	(1.158)	435368	20.0000	21
35	Hexachlorocyclopentadiene	237	9.725	9.725	(0.890)	121161	20.0000	18
9	2,4,6-Trichlorophenol	196	9.845	9.845	(0.901)	178047	20.0000	20
10	2,4,5-Trichlorophenol	196	9.905	9.905	(0.906)	189356	20.0000	20
$ 77	2-Fluorobiphenyl (SUR)	172	9.951	9.951	(0.910)	687809	20.0000	22
102	Diphenyl	154	10.078	10.078	(0.922)	758236	20.0000	19
36	2-Chloronaphthalene	162	10.094	10.094	(0.923)	583661	20.0000	21
103	Diphenyl Ether	170	10.235	10.235	(0.936)	427559	20.0000	21
37	2-Nitroaniline	65	10.295	10.295	(0.942)	191323	20.0000	20
38	Dimethylphthalate	163	10.587	10.587	(0.968)	728065	20.0000	21
114	Coumarin	146	10.587	10.587	(1.261)	281197	20.0000	24
40	2,6-Dinitrotoluene	165	10.692	10.692	(0.978)	194536	20.0000	22
39	Acenaphthylene	152	10.707	10.707	(0.979)	1025603	20.0000	20
41	3-Nitroaniline	138	10.894	10.894	(0.997)	241663	20.0000	21
* 82	Acenaphthene-d10	164	10.932	10.932	(1.000)	1166308	40.0000	
42	Acenaphthene	154	10.977	10.977	(1.004)	586241	20.0000	21
122	2,6-Di-tert-butyl-p-cresol	205	11.015	11.015	(1.008)	366793	20.0000	21
11	2,4-Dinitrophenol	184	11.037	11.037	(1.010)	164332	30.0000	29
12	4-Nitrophenol	65	11.134	11.134	(1.018)	256736	30.0000	31
43	Dibenzofuran	168	11.202	11.202	(1.025)	850692	20.0000	21
44	2,4-Dinitrotoluene	165	11.254	11.254	(1.030)	261782	20.0000	20

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42442.d
Report Date: 07-May-2009 06:20

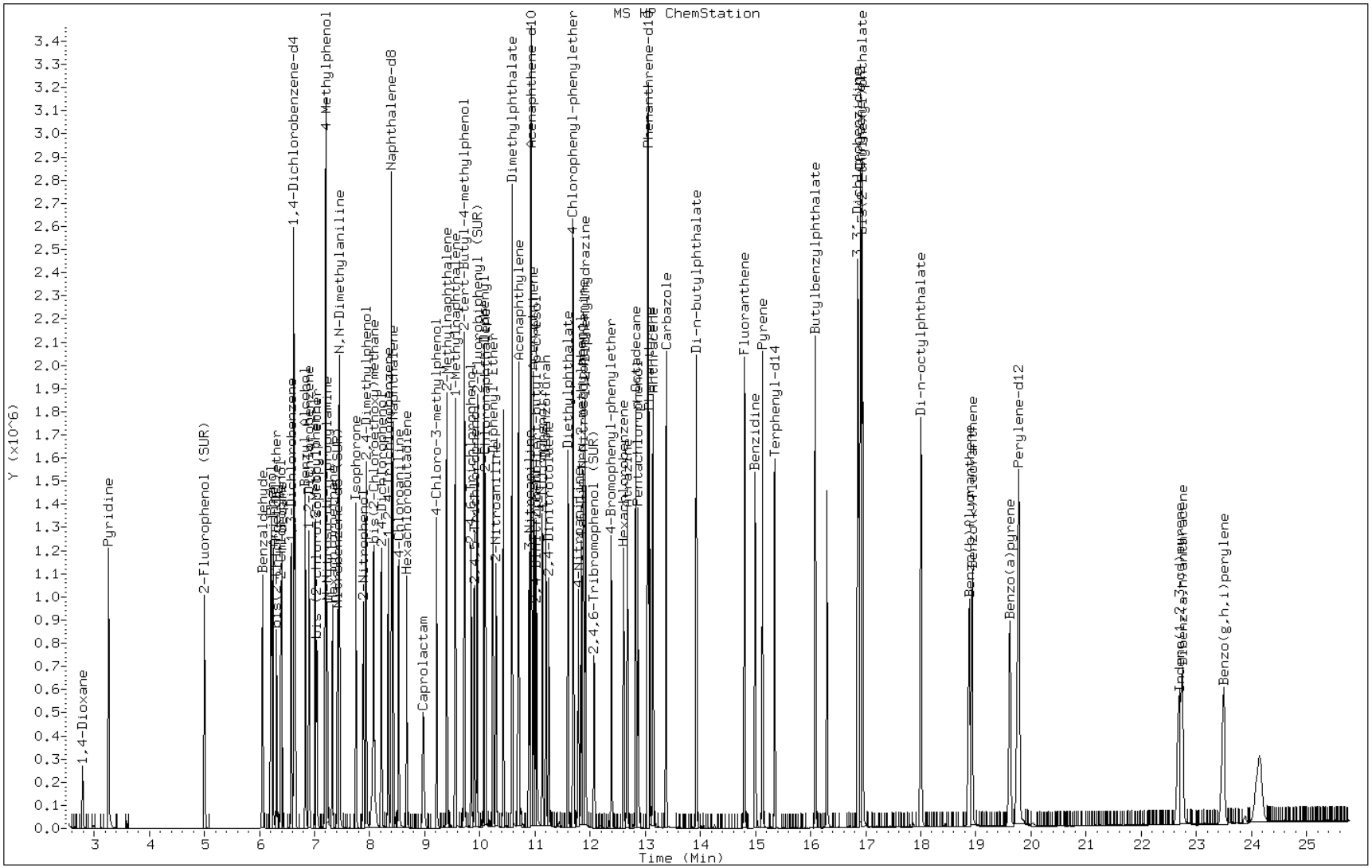
							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	45 Diethylphthalate	149	11.598	11.598	(1.061)	826031	20.0000	21
	46 4-Chlorophenyl-phenylether	204	11.689	11.689	(1.069)	267326	20.0000	20
	47 Fluorene	166	11.696	11.696	(1.070)	691075	20.0000	25
	48 4-Nitroaniline	138	11.787	11.787	(1.078)	245771	20.0000	20
	13 4,6-Dinitro-2-methylphenol	198	11.839	11.839	(0.907)	204602	30.0000	31
	49 N-Nitrosodiphenylamine	169	11.877	11.877	(0.910)	528437	20.0000	22
	75 1,2-Diphenylhydrazine	77	11.914	11.914	(0.913)	814793	20.0000	21
$	18 2,4,6-Tribromophenol (SUR)	330	12.078	12.078	(1.105)	80658	20.0000	19
	50 4-Bromophenyl-phenylether	248	12.385	12.385	(0.949)	131264	20.0000	20
	51 Hexachlorobenzene	284	12.611	12.611	(0.966)	154645	20.0000	20
	112 Atrazine	200	12.678	12.678	(0.971)	176403	20.0000	21
	115 n-Octadecane	57	12.827	12.827	(0.983)	347513	20.0000	24
	14 Pentachlorophenol	266	12.865	12.865	(0.986)	159539	30.0000	31
*	83 Phenanthrene-d10	188	13.052	13.052	(1.000)	1778997	40.0000	
	52 Phenanthrene	178	13.083	13.083	(1.002)	926726	20.0000	21
	53 Anthracene	178	13.143	13.143	(1.007)	979086	20.0000	22
	54 Carbazole	167	13.382	13.382	(1.025)	1078873	20.0000	22
	55 Di-n-butylphthalate	149	13.925	13.925	(1.067)	1526161	20.0000	18
	56 Fluoranthene	202	14.800	14.800	(1.134)	1012506	20.0000	21
	58 Benzidine	184	14.993	14.993	(1.149)	786969	30.0000	33
	57 Pyrene	202	15.129	15.129	(0.895)	983271	20.0000	21
$	78 Terphenyl-d14	244	15.353	15.353	(0.908)	570659	20.0000	20
	59 Butylbenzylphthalate	149	16.084	16.084	(0.951)	736202	20.0000	22
	60 3,3'-Dichlorobenzidine	252	16.857	16.857	(0.997)	451029	30.0000	32
	61 Benzo(a)anthracene	228	16.872	16.872	(0.998)	718806	20.0000	19
	63 bis(2-Ethylhexyl)phthalate	149	16.940	16.940	(1.002)	809060	20.0000	18
*	81 Chrysene-d12	240	16.909	16.909	(1.000)	1381842	40.0000	
	62 Chrysene	228	16.947	16.947	(1.002)	567644	20.0000	19
	64 Di-n-octylphthalate	149	18.003	18.003	(0.910)	1676249	20.0000	21
	65 Benzo(b)fluoranthene	252	18.880	18.880	(0.954)	736602	20.0000	21
	66 Benzo(k)fluoranthene	252	18.933	18.933	(0.957)	715087	20.0000	20
	67 Benzo(a)pyrene	252	19.624	19.624	(0.992)	692433	20.0000	21
*	84 Perylene-d12	264	19.781	19.781	(1.000)	1149955	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	22.685	22.685	(1.147)	789275	20.0000	22
	69 Dibenz(a,h)anthracene	278	22.745	22.745	(1.150)	627184	20.0000	21
	70 Benzo(g,h,i)perylene	276	23.496	23.496	(1.188)	658840	20.0000	21

Data File: s42442.d

Date: 07-MAY-2009 05:03

Client ID: Instrument: BNAMS2.i

Sample Info: IC-35718 Operator: BNAMS 4



Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42443.d
Report Date: 07-May-2009 06:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42443.d
Lab Smp Id: IC-35717
Inj Date : 07-MAY-2009 05:37
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : IC-35717
Misc Info : 10ppm std bna4365
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/8270C_08SP.m
Meth Date : 07-May-2009 06:20 asfawa Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	2.790	2.790	(0.421)	73803	10.0000	10
	71 Pyridine	79	3.260	3.260	(0.492)	187096	10.0000	10
	19 N-Nitrosodimethylamine	74	3.260	3.260	(0.492)	111231	10.0000	11
$	16 2-Fluorophenol (SUR)	112	5.004	5.004	(0.755)	215009	10.0000	10
	110 Benzaldehyde	77	6.054	6.054	(0.913)	77072	10.0000	6.9
$	17 Phenol-d5 (SUR)	99	6.201	6.201	(0.935)	294592	10.0000	10
	1 Phenol	94	6.216	6.216	(0.938)	286509	10.0000	11
	73 Aniline	93	6.239	6.239	(0.941)	342149	10.0000	12
	20 bis(2-Chloroethyl)ether	93	6.306	6.306	(0.951)	207121	10.0000	12
	2 2-Chlorophenol	128	6.389	6.389	(0.964)	195279	10.0000	11
	113 n-decane	43	6.404	6.404	(0.966)	139441	10.0000	10
	21 1,3-Dichlorobenzene	146	6.576	6.576	(0.992)	213722	10.0000	11
*	79 1,4-Dichlorobenzene-d4	152	6.629	6.629	(1.000)	542376	40.0000	
	22 1,4-Dichlorobenzene	146	6.644	6.644	(1.002)	190500	10.0000	11
	74 Benzyl Alcohol	108	6.831	6.831	(1.030)	153188	10.0000	10

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42443.d
Report Date: 07-May-2009 06:20

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	6.898	6.898	(1.041)	207517	10.0000	11
	3 2-Methylphenol	108	7.010	7.010	(1.057)	204908	10.0000	11
	24 bis (2-chloroisopropyl) ether	45	7.040	7.040	(1.062)	207128	10.0000	11
	4 4-Methylphenol	108	7.198	7.198	(1.086)	216809	10.0000	11
	123 3 & 4 Methylphenol	108	7.198	7.198	(1.086)	216809	10.0000	11
	104 Acetophenone	105	7.198	7.198	(1.086)	272754	10.0000	11
	25 N-Nitroso-di-n-propylamine	70	7.228	7.228	(1.090)	131865	10.0000	11
	26 Hexachloroethane	117	7.324	7.324	(1.105)	91224	10.0000	10
$	76 Nitrobenzene-d5 (SUR)	82	7.414	7.414	(0.883)	213863	10.0000	11
	107 N,N-Dimethylaniline	120	7.452	7.452	(1.124)	293690	10.0000	8.9
	27 Nitrobenzene	77	7.444	7.444	(0.887)	264245	10.0000	11
	28 Isophorone	82	7.750	7.750	(0.923)	437353	10.0000	11
	5 2-Nitrophenol	139	7.884	7.884	(0.939)	121473	10.0000	11
	6 2,4-Dimethylphenol	122	7.936	7.936	(0.945)	184883	10.0000	11
	29 bis(2-Chloroethoxy)methane	93	8.064	8.064	(0.961)	246888	10.0000	11
	15 Benzoic Acid	122	8.064	8.064	(0.961)	133816	10.0000	13
	7 2,4-Dichlorophenol	162	8.207	8.207	(0.978)	164903	10.0000	11
	30 1,2,4-Trichlorobenzene	180	8.334	8.334	(0.993)	158738	10.0000	11
*	80 Naphthalene-d8	136	8.395	8.395	(1.000)	1910595	40.0000	
	31 Naphthalene	128	8.424	8.424	(1.003)	491404	10.0000	11
	32 4-Chloroaniline	127	8.527	8.527	(1.016)	257098	10.0000	12
	33 Hexachlorobutadiene	225	8.677	8.677	(1.034)	71061	10.0000	11
	111 Caprolactam	113	8.954	8.954	(1.067)	89190	10.0000	11
	8 4-Chloro-3-methylphenol	107	9.215	9.215	(1.098)	188684	10.0000	11
	34 2-Methylnaphthalene	142	9.394	9.394	(1.119)	377004	10.0000	11
	120 1-Methylnaphthalene	142	9.558	9.558	(1.139)	370011	10.0000	11
	121 2-tert-Butyl-4-methylphenol	149	9.715	9.715	(1.157)	248066	10.0000	11
	35 Hexachlorocyclopentadiene	237	9.722	9.722	(0.889)	64506	10.0000	9.2
	9 2,4,6-Trichlorophenol	196	9.841	9.841	(0.900)	98882	10.0000	10
	10 2,4,5-Trichlorophenol	196	9.901	9.901	(0.906)	103434	10.0000	10
$	77 2-Fluorobiphenyl (SUR)	172	9.947	9.947	(0.910)	378289	10.0000	11
	102 Diphenyl	154	10.074	10.074	(0.921)	445846	10.0000	10
	36 2-Chloronaphthalene	162	10.096	10.096	(0.924)	339164	10.0000	11
	103 Diphenyl Ether	170	10.239	10.239	(0.937)	239548	10.0000	11
	37 2-Nitroaniline	65	10.292	10.292	(0.941)	106741	10.0000	10
	38 Dimethylphthalate	163	10.582	10.582	(0.968)	427394	10.0000	11
	114 Coumarin	146	10.582	10.582	(1.261)	163792	10.0000	14
	40 2,6-Dinitrotoluene	165	10.694	10.694	(0.978)	100500	10.0000	10
	39 Acenaphthylene	152	10.702	10.702	(0.979)	581866	10.0000	10
	41 3-Nitroaniline	138	10.888	10.888	(0.996)	131144	10.0000	11
*	82 Acenaphthene-d10	164	10.932	10.932	(1.000)	1231908	40.0000	
	42 Acenaphthene	154	10.969	10.969	(1.003)	319325	10.0000	10
	122 2,6-Di-tert-butyl-p-cresol	205	11.014	11.014	(1.007)	197155	10.0000	10
	11 2,4-Dinitrophenol	184	11.029	11.029	(1.009)	104352	20.0000	18
	12 4-Nitrophenol	65	11.133	11.133	(1.018)	166661	20.0000	19
	43 Dibenzofuran	168	11.193	11.193	(1.024)	481750	10.0000	11
	44 2,4-Dinitrotoluene	165	11.246	11.246	(1.029)	142435	10.0000	10

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42443.d
Report Date: 07-May-2009 06:20

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	45 Diethylphthalate	149	11.598	11.598	(1.061)	449381	10.0000	11
	46 4-Chlorophenyl-phenylether	204	11.686	11.686	(1.069)	144398	10.0000	10
	47 Fluorene	166	11.693	11.693	(1.070)	380598	10.0000	13
	48 4-Nitroaniline	138	11.781	11.781	(1.078)	131164	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	11.834	11.834	(0.907)	133919	20.0000	19
	49 N-Nitrosodiphenylamine	169	11.872	11.872	(0.910)	291577	10.0000	11
	75 1,2-Diphenylhydrazine	77	11.909	11.909	(0.913)	481827	10.0000	11
$	18 2,4,6-Tribromophenol (SUR)	330	12.074	12.074	(1.104)	45644	10.0000	10
	50 4-Bromophenyl-phenylether	248	12.386	12.386	(0.949)	70006	10.0000	10
	51 Hexachlorobenzene	284	12.611	12.611	(0.966)	83944	10.0000	10
	112 Atrazine	200	12.672	12.672	(0.971)	100226	10.0000	11
	115 n-Octadecane	57	12.827	12.827	(0.983)	205758	10.0000	14
	14 Pentachlorophenol	266	12.864	12.864	(0.986)	112661	20.0000	21
*	83 Phenanthrene-d10	188	13.051	13.051	(1.000)	1883360	40.0000	
	52 Phenanthrene	178	13.080	13.080	(1.002)	528413	10.0000	11
	53 Anthracene	178	13.140	13.140	(1.007)	554092	10.0000	11
	54 Carbazole	167	13.380	13.380	(1.025)	600181	10.0000	11
	55 Di-n-butylphthalate	149	13.925	13.925	(1.067)	842768	10.0000	8.8
	56 Fluoranthene	202	14.799	14.799	(1.134)	550394	10.0000	11
	58 Benzidine	184	14.993	14.993	(1.149)	581837	20.0000	20
	57 Pyrene	202	15.126	15.126	(0.894)	539258	10.0000	10
$	78 Terphenyl-d14	244	15.350	15.350	(0.908)	291367	10.0000	9.9
	59 Butylbenzylphthalate	149	16.088	16.088	(0.951)	403656	10.0000	11
	60 3,3'-Dichlorobenzidine	252	16.851	16.851	(0.996)	315712	20.0000	21
	61 Benzo(a)anthracene	228	16.874	16.874	(0.998)	384222	10.0000	9.8
	63 bis(2-Ethylhexyl)phthalate	149	16.935	16.935	(1.001)	446802	10.0000	8.3
*	81 Chrysene-d12	240	16.912	16.912	(1.000)	1472011	40.0000	
	62 Chrysene	228	16.942	16.942	(1.002)	309550	10.0000	10
	64 Di-n-octylphthalate	149	18.005	18.005	(0.910)	881182	10.0000	10
	65 Benzo(b)fluoranthene	252	18.869	18.869	(0.954)	401108	10.0000	11
	66 Benzo(k)fluoranthene	252	18.922	18.922	(0.957)	373790	10.0000	10
	67 Benzo(a)pyrene	252	19.611	19.611	(0.992)	345358	10.0000	9.8
*	84 Perylene-d12	264	19.777	19.777	(1.000)	1206654	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	22.674	22.674	(1.146)	398442	10.0000	10
	69 Dibenz(a,h)anthracene	278	22.728	22.728	(1.149)	319576	10.0000	10
	70 Benzo(g,h,i)perylene	276	23.478	23.478	(1.187)	336673	10.0000	10

Data File: s42443.d

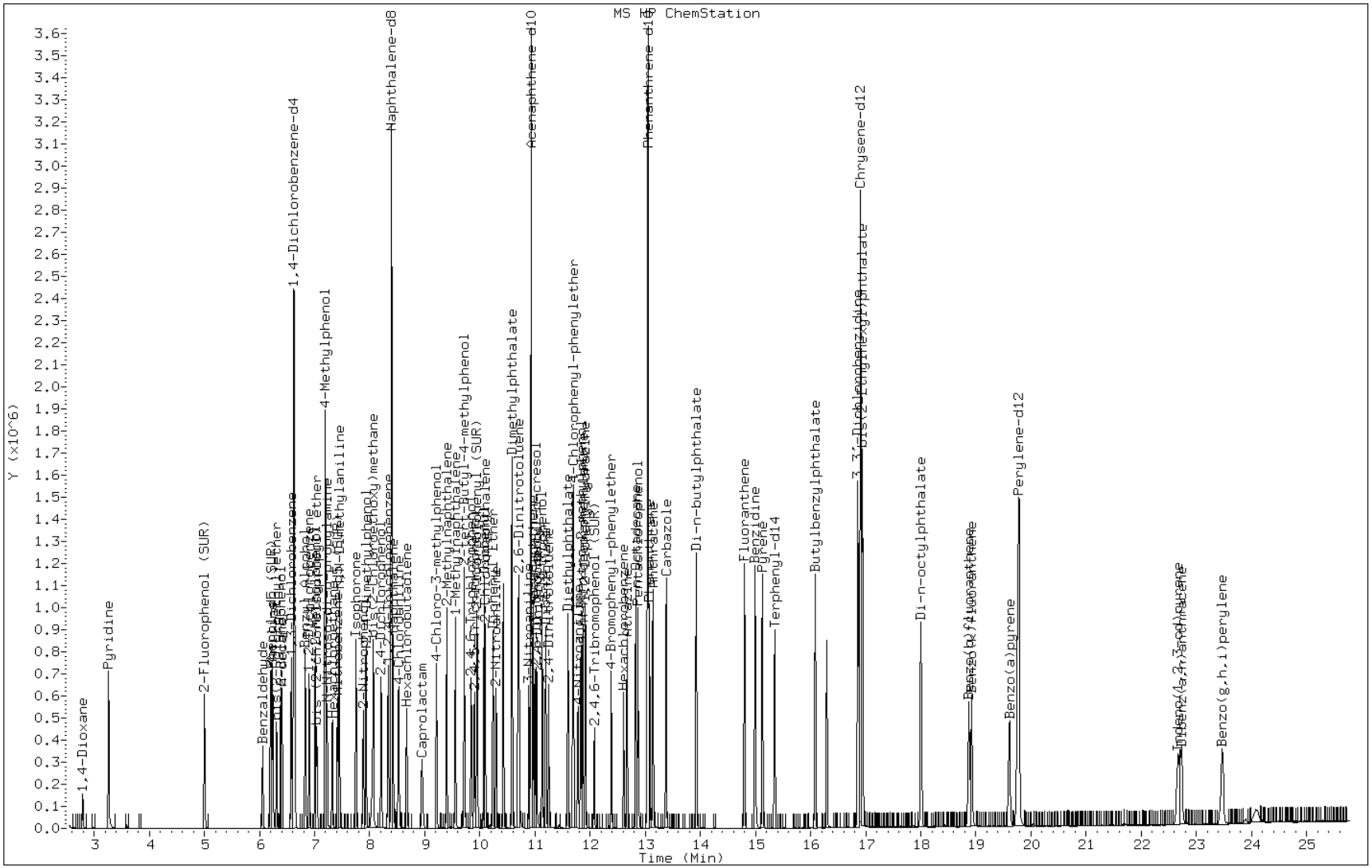
Date: 07-MAY-2009 05:37

Client ID:

Instrument: BNAMS2.i

Sample Info: IC-35717

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: CCVIS 460-6657/2 Calibration Date: 05/14/2009 15:14

Instrument ID: BNAMS2 Calib Start Date: 05/07/2009 02:46

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/07/2009 05:37

Lab File ID: s42612.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5436	0.5971		55000	50000	9.8	20.0
Pyridine	Ave	1.356	1.542		57000	50000	13.7	20.0
N-Nitrosodimethylamine	Ave	0.7619	0.8493		56000	50000	11.5	20.0
Benzaldehyde	Ave	0.8242	0.7717		47000	50000	-6.4	20.0
Phenol	Ave	1.955	2.010		51000	50000	2.8	20.0
Aniline	Ave	2.189	2.280		52000	50000	4.1	20.0
Bis(2-chloroethyl)ether	LinF	1.487	1.515		58000	50000	16.0	20.0
2-Chlorophenol	Ave	1.347	1.305		48000	50000	-3.1	20.0
n-Decane	QuaF	0.8756	0.7880		48000	50000	-4.9	20.0
1,3-Dichlorobenzene	Ave	1.478	1.432		48000	50000	-3.1	20.0
1,4-Dichlorobenzene	Ave	1.322	1.284		49000	50000	-2.9	20.0
Benzyl alcohol	Ave	1.090	1.154		53000	50000	5.9	20.0
1,2-Dichlorobenzene	Ave	1.377	1.308		48000	50000	-5.0	20.0
2-Methylphenol	Ave	1.414	1.449		51000	50000	2.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.376	1.375		50000	50000	0.0	20.0
Acetophenone	QuaF	1.737	1.593		51000	50000	1.7	20.0
3 & 4 Methylphenol	Ave	1.455	1.404		48000	50000	-3.5	20.0
4-Methylphenol	Ave	1.454	1.404		48000	50000	-3.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.8982	1.001	0.0500	56000	50000	11.4	20.0
Hexachloroethane	Ave	0.6399	0.6020		47000	50000	-5.9	20.0
Nitrobenzene	QuaF	0.4874	0.4417		51000	50000	1.4	20.0
n,n'-Dimethylaniline	QuaF	1.936	1.686		47000	50000	-6.8	20.0
Isophorone	Ave	0.8443	0.8960		53000	50000	6.1	20.0
2-Nitrophenol	Ave	0.2325	0.2315		50000	50000	-0.5	20.0
2,4-Dimethylphenol	Ave	0.3486	0.3353		48000	50000	-3.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4571	0.4711		52000	50000	3.1	20.0
Benzoic acid	LinF	0.2493	0.1822		42000	50000	-16.3	20.0
2,4-Dichlorophenol	Ave	0.3110	0.3071		49000	50000	-1.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3001	0.3126		52000	50000	4.2	20.0
Naphthalene	Ave	0.9036	0.8501		47000	50000	-5.9	20.0
4-Chloroaniline	Ave	0.4620	0.4438		48000	50000	-4.0	20.0
Hexachlorobutadiene	Ave	0.1345	0.1477		55000	50000	9.8	20.0
Caprolactam	Ave	0.1744	0.1821		52000	50000	4.4	20.0
4-Chloro-3-methylphenol	Ave	0.3629	0.3714		51000	50000	2.3	20.0
2-Methylnaphthalene	QuaF	0.6887	0.6590		51000	50000	2.4	20.0
1-Methylnaphthalene	Ave	0.6773	0.6415		47000	50000	-5.3	20.0
Hexachlorocyclopentadiene	Ave	0.2267	0.2146	0.0500	47000	50000	-5.4	20.0
2-tertbutyl-4-methylphenol	QuaF	0.4385	0.3826		48000	50000	-4.2	20.0
2,4,6-Trichlorophenol	Ave	0.3093	0.3114		50000	50000	0.7	20.0
2,4,5-Trichlorophenol	Ave	0.3223	0.3234		50000	50000	0.4	20.0
1,1'-Biphenyl	QuaF	1.259	1.159		48000	50000	-3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: CCVIS 460-6657/2 Calibration Date: 05/14/2009 15:14

Instrument ID: BNAMS2 Calib Start Date: 05/07/2009 02:46

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/07/2009 05:37

Lab File ID: s42612.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloronaphthalene	Ave	0.9764	0.9072		46000	50000	-7.1	20.0
Phenyl ether	Ave	0.7169	0.6977		49000	50000	-2.7	20.0
2-Nitroaniline	Ave	0.3307	0.3103		47000	50000	-6.2	20.0
Dimethyl phthalate	Ave	1.224	1.129		46000	50000	-7.7	20.0
Coumarin	LinF	0.2954	0.2592		51000	50000	2.4	20.0
2,6-Dinitrotoluene	Ave	0.3116	0.2924		47000	50000	-6.1	20.0
Acenaphthylene	QuaF	1.656	1.424		45000	50000	-9.2	20.0
3-Nitroaniline	Ave	0.3995	0.3643		46000	50000	-8.8	20.0
Acenaphthene	Ave	0.9841	0.9228		47000	50000	-6.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.6146	0.6231		51000	50000	1.4	20.0
2,4-Dinitrophenol	Ave	0.1909	0.1810	0.0500	47000	50000	-5.2	20.0
4-Nitrophenol	Ave	0.2826	0.2512	0.0500	44000	50000	-11.1	20.0
Dibenzofuran	Ave	1.428	1.347		47000	50000	-5.7	20.0
2,4-Dinitrotoluene	Ave	0.4424	0.4367		49000	50000	-1.3	20.0
Diethyl phthalate	Ave	1.343	1.212		45000	50000	-9.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.4598	0.4592		50000	50000	-0.1	20.0
Fluorene	LinF	1.116	0.9905		52000	50000	4.0	20.0
4-Nitroaniline	Ave	0.4214	0.3769		45000	50000	-10.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1466	0.1444		49000	50000	-1.5	20.0
N-Nitrosodiphenylamine	Ave	0.5494	0.5310		48000	50000	-3.3	20.0
1,2-Diphenylhydrazine	Ave	0.9066	0.7975		44000	50000	-12.0	20.0
4-Bromophenyl phenyl ether	Ave	0.1476	0.1555		53000	50000	5.4	20.0
Hexachlorobenzene	Ave	0.1739	0.1867		54000	50000	7.4	20.0
Atrazine	QuaF	0.1817	0.1795		54000	50000	7.8	20.0
n-Octadecane	LinF	0.3800	0.3367		52000	50000	4.4	20.0
Pentachlorophenol	Ave	0.1149	0.1172		51000	50000	2.0	20.0
Phenanthrene	Ave	1.009	0.9428		47000	50000	-6.6	20.0
Anthracene	Ave	1.048	0.9783		47000	50000	-6.6	20.0
Carbazole	Ave	1.148	1.007		44000	50000	-12.3	20.0
Di-n-butyl phthalate	QuaF	1.588	1.355		42000	50000	-15.2	20.0
Fluoranthene	Ave	1.099	1.074		49000	50000	-2.3	20.0
Benzidine	QuaF	0.4568	0.3844		37000	50000	-25.1*	20.0
Pyrene	Ave	1.383	1.298		47000	50000	-6.1	20.0
Butyl benzyl phthalate	Ave	0.9908	0.8574		43000	50000	-13.5	20.0
2,3,7,8-TCDD	Ave	0.1486	0.1567		530	500	5.5	20.0
3,3'-Dichlorobenzidine	Ave	0.4127	0.4057		49000	50000	-1.7	20.0
Benzo[a]anthracene	Ave	1.071	1.068		50000	50000	-0.2	20.0
Bis(2-ethylhexyl) phthalate	QuaF	1.071	0.8219		37000	50000	-26.0*	20.0
Chrysene	Ave	0.8428	0.8442		50000	50000	0.2	20.0
Di-n-octyl phthalate	Ave	2.801	2.259		40000	50000	-19.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: CCVIS 460-6657/2 Calibration Date: 05/14/2009 15:14

Instrument ID: BNAMS2 Calib Start Date: 05/07/2009 02:46

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/07/2009 05:37

Lab File ID: s42612.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	QuaF	1.402	1.394		53000	50000	5.9	20.0
Benzo[k]fluoranthene	QuaF	1.345	1.094		44000	50000	-11.7	20.0
Benzo[a]pyrene	Ave	1.164	1.116		48000	50000	-4.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.265	1.325		52000	50000	4.8	20.0
Dibenz(a,h)anthracene	Ave	1.052	1.051		50000	50000	-0.1	20.0
Benzo[g,h,i]perylene	Ave	1.110	1.093		49000	50000	-1.6	20.0
2-Fluorophenol	Ave	1.534	1.549		50000	50000	1.0	20.0
Phenol-d5	Ave	2.061	2.046		50000	50000	-0.8	20.0
Nitrobenzene-d5	Ave	0.4184	0.4260		51000	50000	1.8	20.0
2-Fluorobiphenyl	Ave	1.110	1.080		49000	50000	-2.7	20.0
2,4,6-Tribromophenol	Ave	0.1450	0.1527		53000	50000	5.3	20.0
Terphenyl-d14	Ave	0.8005	0.8193		51000	50000	2.4	20.0

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42612.d
Report Date: 14-May-2009 15:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42612.d
Lab Smp Id: CCVIS-54342
Inj Date : 14-MAY-2009 15:14
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : CCVIS-54342
Misc Info : 50 ug/ul Bna Std lot 4378
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 18 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	2.723	2.723	(0.416)	453508	50.0000	55
	71 Pyridine	79	3.193	3.193	(0.488)	1171038	50.0000	57
	19 N-Nitrosodimethylamine	74	3.208	3.208	(0.490)	645081	50.0000	56
$	16 2-Fluorophenol (SUR)	112	4.929	4.929	(0.753)	1176653	50.0000	50
	110 Benzaldehyde	77	5.986	5.986	(0.914)	586101	50.0000	47
$	17 Phenol-d5 (SUR)	99	6.143	6.143	(0.938)	1553638	50.0000	50
	1 Phenol	94	6.158	6.158	(0.940)	1526757	50.0000	51
	73 Aniline	93	6.173	6.173	(0.943)	1731856	50.0000	52
	20 bis(2-Chloroethyl)ether	93	6.248	6.248	(0.954)	1150314	50.0000	58
	2 2-Chlorophenol	128	6.315	6.315	(0.964)	991560	50.0000	48
	113 n-decane	43	6.338	6.338	(0.968)	598520	50.0000	48
	21 1,3-Dichlorobenzene	146	6.503	6.503	(0.993)	1087512	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	6.549	6.549	(1.000)	607624	40.0000	
	22 1,4-Dichlorobenzene	146	6.571	6.571	(1.003)	974978	50.0000	48
	74 Benzyl Alcohol	108	6.773	6.773	(1.034)	876767	50.0000	53

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42612.d
Report Date: 14-May-2009 15:46

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
23	1,2-Dichlorobenzene	146	6.824	6.824	(1.042)	993565	50.0000	48
3	2-Methylphenol	108	6.950	6.950	(1.061)	1100233	50.0000	51
24	bis (2-chloroisopropyl) ether	45	6.973	6.973	(1.065)	1044657	50.0000	50
4	4-Methylphenol	108	7.153	7.153	(1.092)	1066422	50.0000	48
123	3 & 4 Methylphenol	108	7.153	7.153	(1.092)	1066422	50.0000	48
104	Acetophenone	105	7.146	7.146	(1.091)	1209709	50.0000	51
25	N-Nitroso-di-n-propylamine	70	7.183	7.183	(1.097)	760161	50.0000	56
26	Hexachloroethane	117	7.243	7.243	(1.106)	457211	50.0000	47
$ 76	Nitrobenzene-d5 (SUR)	82	7.355	7.355	(0.884)	1233481	50.0000	51
107	N,N-Dimethylaniline	120	7.392	7.392	(1.129)	1280528	50.0000	47
27	Nitrobenzene	77	7.385	7.385	(0.888)	1279081	50.0000	51
28	Isophorone	82	7.691	7.691	(0.924)	2594707	50.0000	53
5	2-Nitrophenol	139	7.817	7.817	(0.940)	670262	50.0000	50
6	2,4-Dimethylphenol	122	7.877	7.877	(0.947)	971079	50.0000	48
29	bis(2-Chloroethoxy)methane	93	8.004	8.004	(0.962)	1364139	50.0000	52
15	Benzoic Acid	122	8.087	8.087	(0.972)	527571	50.0000	42
7	2,4-Dichlorophenol	162	8.147	8.147	(0.979)	889260	50.0000	49
30	1,2,4-Trichlorobenzene	180	8.266	8.266	(0.994)	905281	50.0000	52
* 80	Naphthalene-d8	136	8.319	8.319	(1.000)	2316688	40.0000	
31	Naphthalene	128	8.357	8.357	(1.005)	2461816	50.0000	47
32	4-Chloroaniline	127	8.462	8.462	(1.017)	1285086	50.0000	48
33	Hexachlorobutadiene	225	8.597	8.597	(1.033)	427620	50.0000	55
111	Caprolactam	113	8.993	8.993	(1.081)	527448	50.0000	52(M)
8	4-Chloro-3-methylphenol	107	9.156	9.156	(1.101)	1075460	50.0000	51
34	2-Methylnaphthalene	142	9.329	9.329	(1.121)	1908489	50.0000	51
120	1-Methylnaphthalene	142	9.485	9.485	(1.140)	1857648	50.0000	47
121	2-tert-Butyl-4-methylphenol	149	9.657	9.657	(1.161)	1107998	50.0000	48
35	Hexachlorocyclopentadiene	237	9.649	9.649	(0.888)	405859	50.0000	47
9	2,4,6-Trichlorophenol	196	9.778	9.778	(0.900)	588981	50.0000	50
10	2,4,5-Trichlorophenol	196	9.838	9.838	(0.906)	611779	50.0000	50
$ 77	2-Fluorobiphenyl (SUR)	172	9.884	9.884	(0.910)	2043336	50.0000	49
102	Diphenyl	154	10.012	10.012	(0.922)	2191931	50.0000	48
36	2-Chloronaphthalene	162	10.027	10.027	(0.923)	1716084	50.0000	46
103	Diphenyl Ether	170	10.169	10.169	(0.936)	1319736	50.0000	49
37	2-Nitroaniline	65	10.237	10.237	(0.942)	586880	50.0000	47
38	Dimethylphthalate	163	10.524	10.524	(0.969)	2135737	50.0000	46
114	Coumarin	146	10.531	10.531	(1.266)	750448	50.0000	51
40	2,6-Dinitrotoluene	165	10.637	10.637	(0.979)	553136	50.0000	47
39	Acenaphthylene	152	10.637	10.637	(0.979)	2693082	50.0000	45
41	3-Nitroaniline	138	10.839	10.839	(0.998)	689102	50.0000	46
* 82	Acenaphthene-d10	164	10.862	10.862	(1.000)	1513254	40.0000	
42	Acenaphthene	154	10.907	10.907	(1.004)	1745609	50.0000	47
122	2,6-Di-tert-butyl-p-cresol	205	10.945	10.945	(1.008)	1178605	50.0000	51
11	2,4-Dinitrophenol	184	10.976	10.976	(1.010)	342306	50.0000	47
12	4-Nitrophenol	65	11.080	11.080	(1.020)	475106	50.0000	44
43	Dibenzofuran	168	11.133	11.133	(1.025)	2547150	50.0000	47
44	2,4-Dinitrotoluene	165	11.194	11.194	(1.031)	826044	50.0000	49

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42612.d
Report Date: 14-May-2009 15:46

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	45 Diethylphthalate	149	11.539	11.539	(1.062)	2291666	50.0000	45
	46 4-Chlorophenyl-phenylether	204	11.622	11.622	(1.070)	868554	50.0000	50
	47 Fluorene	166	11.629	11.629	(1.071)	1873518	50.0000	52
	48 4-Nitroaniline	138	11.743	11.743	(1.081)	712873	50.0000	45
	13 4,6-Dinitro-2-methylphenol	198	11.788	11.788	(0.909)	423718	50.0000	49
	49 N-Nitrosodiphenylamine	169	11.818	11.818	(0.911)	1558312	50.0000	48
	75 1,2-Diphenylhydrazine	77	11.849	11.849	(0.913)	2340519	50.0000	44
$	18 2,4,6-Tribromophenol (SUR)	330	12.005	12.005	(1.105)	288838	50.0000	53
	50 4-Bromophenyl-phenylether	248	12.320	12.320	(0.950)	456419	50.0000	53
	51 Hexachlorobenzene	284	12.537	12.537	(0.966)	547948	50.0000	54
	112 Atrazine	200	12.628	12.628	(0.973)	526635	50.0000	54
	115 n-Octadecane	57	12.764	12.764	(0.984)	988123	50.0000	52
	14 Pentachlorophenol	266	12.802	12.802	(0.987)	343807	50.0000	51
*	83 Phenanthrene-d10	188	12.974	12.974	(1.000)	2347779	40.0000	
	52 Phenanthrene	178	13.012	13.012	(1.003)	2766851	50.0000	47
	53 Anthracene	178	13.080	13.080	(1.008)	2870991	50.0000	47
	54 Carbazole	167	13.320	13.320	(1.027)	2955288	50.0000	44
	55 Di-n-butylphthalate	149	13.864	13.864	(1.069)	3976970	50.0000	42
	56 Fluoranthene	202	14.732	14.732	(1.136)	3153225	50.0000	49
	58 Benzidine	184	14.928	14.928	(1.151)	1128003	50.0000	37
	57 Pyrene	202	15.063	15.063	(0.895)	2966146	50.0000	47
$	78 Terphenyl-d14	244	15.279	15.279	(0.908)	1871801	50.0000	51
	59 Butylbenzylphthalate	149	16.021	16.021	(0.952)	1958996	50.0000	43
	109 2,3,7,8-TCDD (Screen)	320	16.208	16.208	(0.963)	3581	0.50000	0.53
	60 3,3'-Dichlorobenzidine	252	16.791	16.791	(0.997)	926780	50.0000	49
	61 Benzo(a)anthracene	228	16.799	16.799	(0.998)	2440054	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	16.867	16.867	(1.002)	1877809	50.0000	37
*	81 Chrysene-d12	240	16.836	16.836	(1.000)	1827752	40.0000	
	62 Chrysene	228	16.882	16.882	(1.003)	1928721	50.0000	50
	64 Di-n-octylphthalate	149	17.917	17.917	(0.911)	4571646	50.0000	40
	65 Benzo(b)fluoranthene	252	18.787	18.787	(0.956)	2820712	50.0000	53
	66 Benzo(k)fluoranthene	252	18.846	18.846	(0.959)	2213179	50.0000	44
	67 Benzo(a)pyrene	252	19.516	19.516	(0.993)	2257412	50.0000	48
*	84 Perylene-d12	264	19.660	19.660	(1.000)	1618756	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	22.539	22.539	(1.146)	2681701	50.0000	52
	69 Dibenz(a,h)anthracene	278	22.623	22.623	(1.151)	2126936	50.0000	50
	70 Benzo(g,h,i)perylene	276	23.370	23.370	(1.189)	2210723	50.0000	49

QC Flag Legend

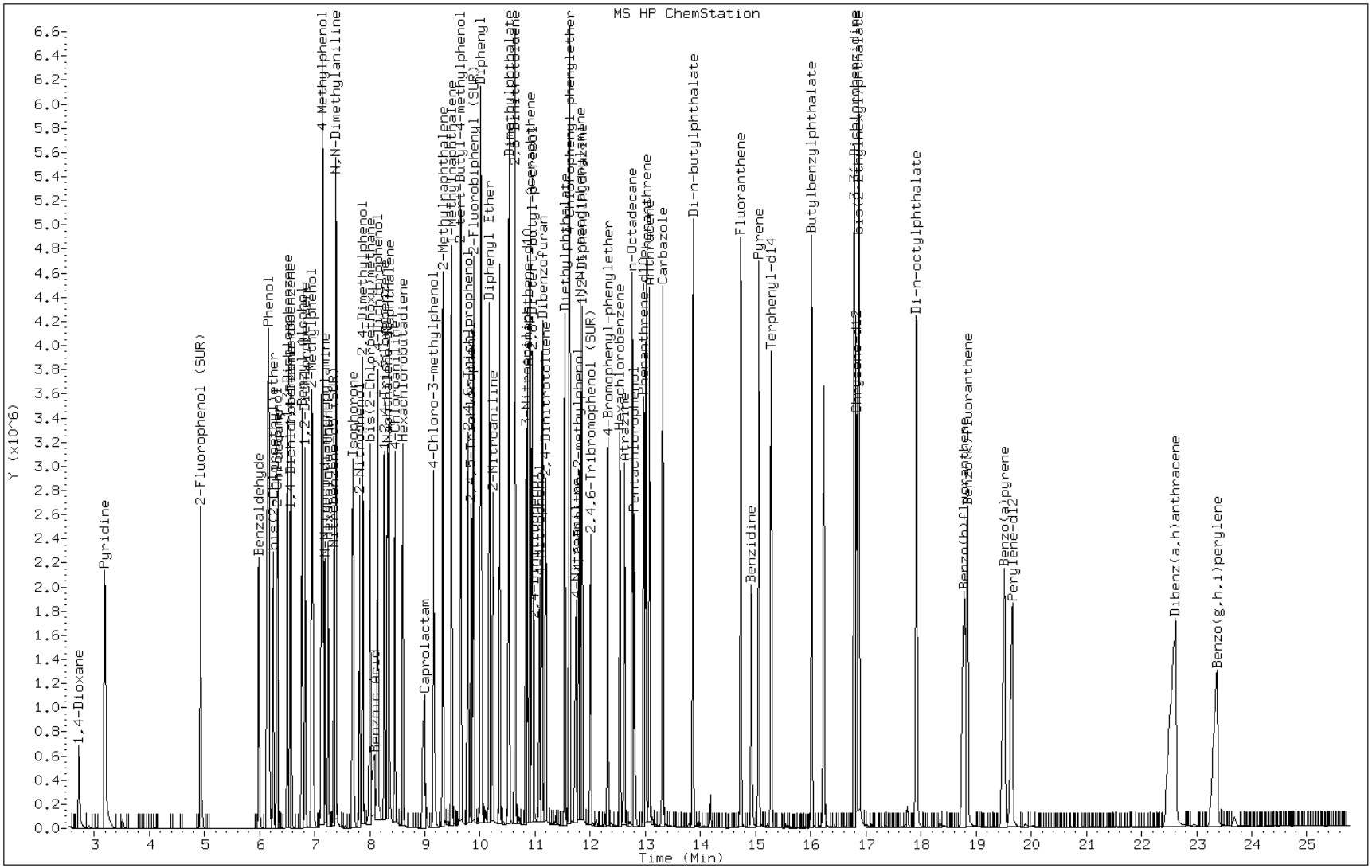
M - Compound response manually integrated.

Data File: s42612.d

Date: 14-MAY-2009 15:14

Client ID: Instrument: BNAMS2.i

Sample Info: CCVIS-54342 Operator: BNAMS 4



Manual Integration Report

Data File: s42612.d
Inj. Date and Time: 14-MAY-2009 15:14
Instrument ID: BNAMS2.i
Client ID:
Compound: 111 Caprolactam
CAS #: 105-60-2
Report Date: 05/17/2009

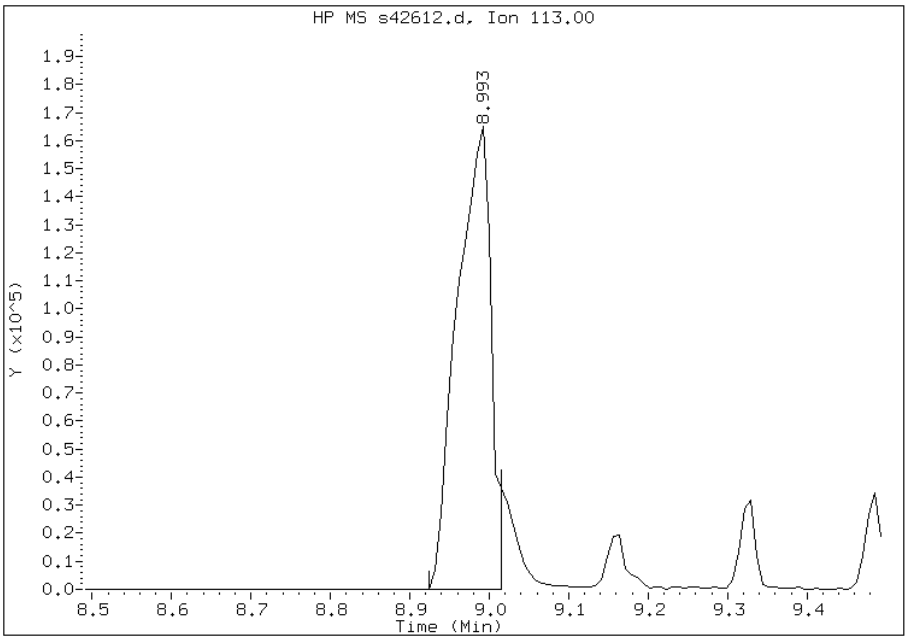
Processing Integration Results

RT: 8.99

Response: 488738

Amount: 48

Conc: 48



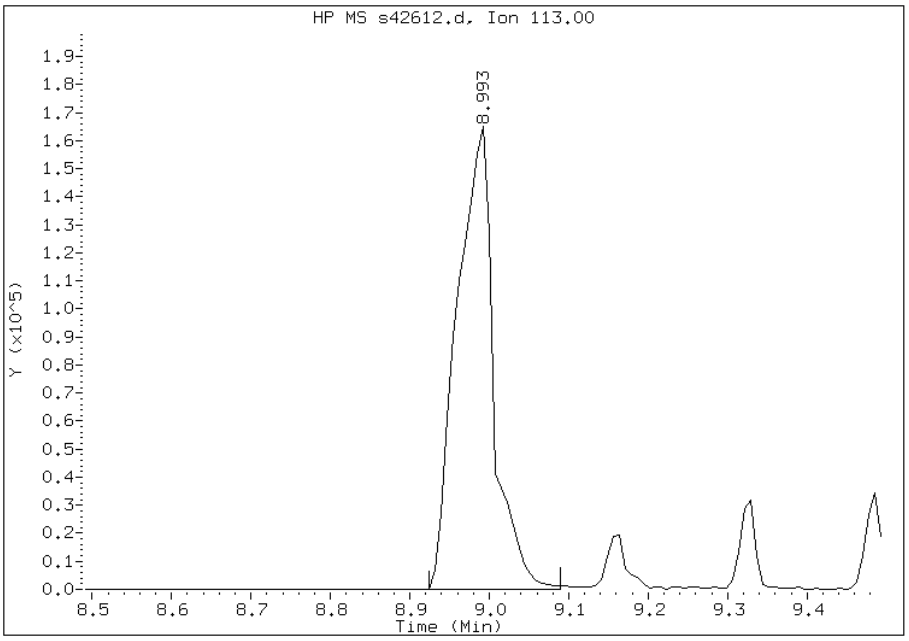
Manual Integration Results

RT: 8.99

Response: 527448

Amount: 52

Conc: 52



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42437.d
Report Date: 07-May-2009 05:56

TestAmerica

Data file : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42437.d
Lab Smp Id: DFTPP-31845
Inj Date : 07-MAY-2009 02:21
Operator : BNA2 Inst ID: BNAMS2.i
Smp Info : DFTPP-31845
Misc Info : 25 ng/uL BNA Std Lot 4299
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/07may09.b/BNADFTPP.m
Meth Date : 24-Mar-2009 14:27 rusin Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

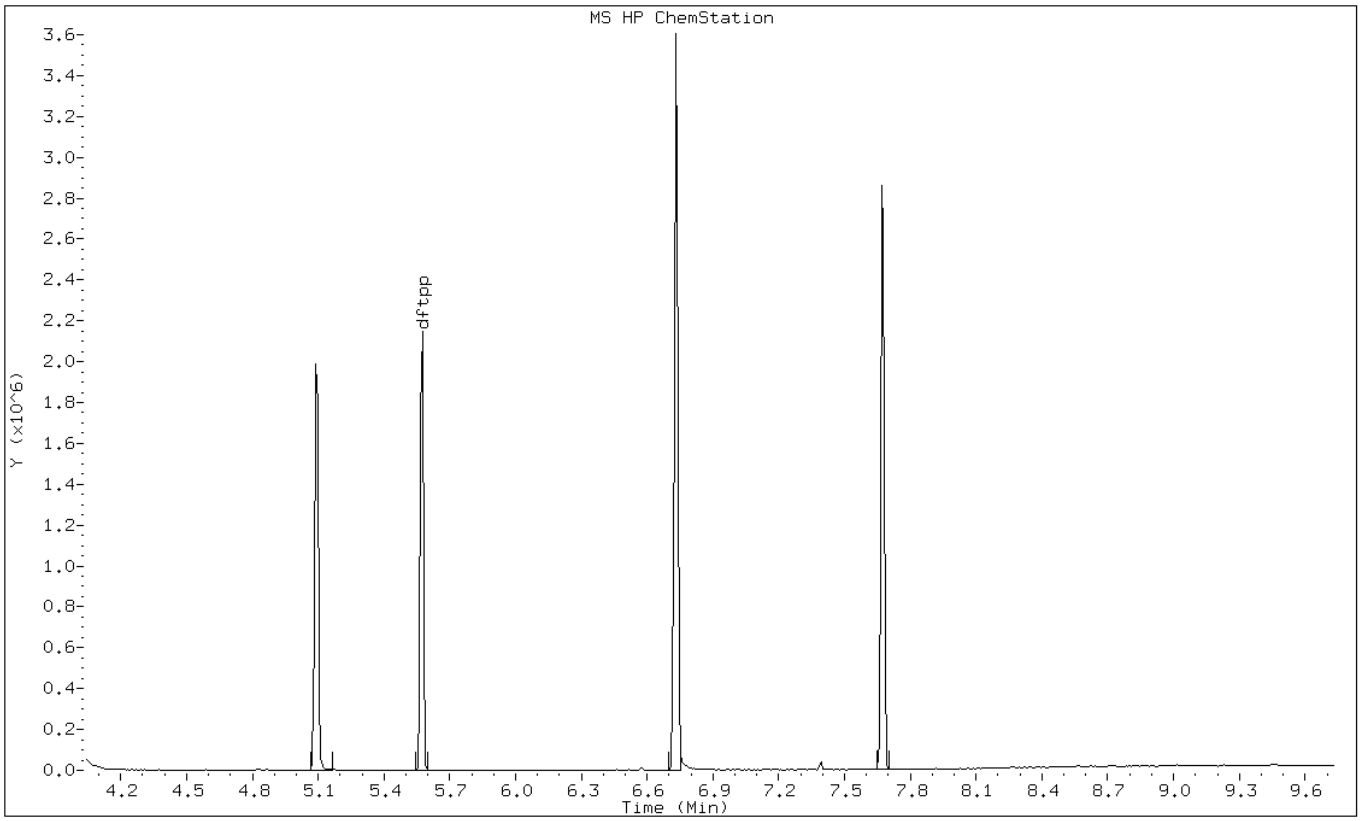
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.576	5.700	-0.124	198	184365			0.00- 100.00	100.00
5.576	5.700	-0.124	51	83549			30.00- 60.00	45.32
5.576	5.700	-0.124	68	0			0.00- 2.00	0.00
5.576	5.700	-0.124	69	120608			0.00- 0.00	65.42
5.576	5.700	-0.124	70	409			0.00- 2.00	0.34
5.576	5.700	-0.124	127	89333			40.00- 60.00	48.45
5.576	5.700	-0.124	197	0			0.00- 1.00	0.00
5.576	5.700	-0.124	199	13276			5.00- 9.00	7.20
5.576	5.700	-0.124	275	34096			10.00- 30.00	18.49
5.576	5.700	-0.124	365	3765			1.00- 0.00	2.04
5.576	5.700	-0.124	441	13823			0.01- 100.00	83.40
5.576	5.700	-0.124	442	81480			40.00- 110.00	44.19
5.576	5.700	-0.124	443	16575			17.00- 23.00	20.34

Data File: s42437.d

Date: 07-MAY-2009 02:21

Client ID: Instrument: BNAMS2.i

Sample Info: DFTPP-31845 Operator: BNA2



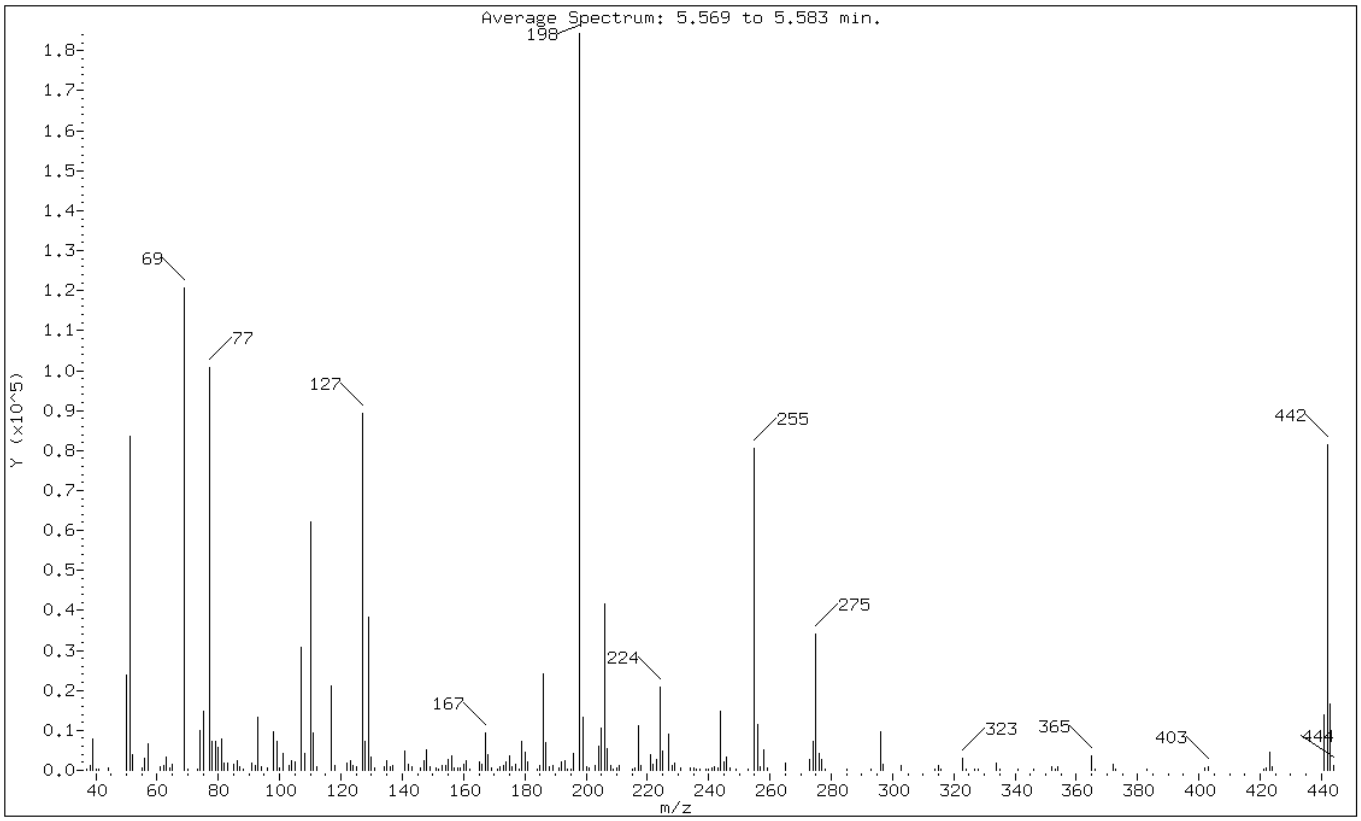
Data File: s42437.d

Date: 07-MAY-2009 02:21

Client ID: Instrument: BNAMS2.i

Sample Info: DFTPP-31845 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	45.32
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	65.42
70	Less than 2.00% of mass 69	0.22 (0.34)
127	40.00 - 60.00% of mass 198	48.45
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.20
275	10.00 - 30.00% of mass 198	18.49
365	Greater than 1.00% of mass 198	2.04
441	0.01 - 100.00% of mass 443	7.50 (83.40)
442	40.00 - 110.00% of mass 198	44.19
443	17.00 - 23.00% of mass 442	8.99 (20.34)

Data File: s42437.d

Date: 07-MAY-2009 02:21

Client ID: Instrument: BNAMS2.i

Sample Info: DFTPP-31845 Operator: BNA2

Data File: /chem/BNAMS2.i/8270T/05-07-09/07may09.b/s42437.d
Spectrum: Average Spectrum: 5.569 to 5.583 min.
Location of Maximum: 198.00
Number of points: 199

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	201	117.00	21216	184.00	371	247.00	556
38.00	1173	118.00	1340	185.00	1241	249.00	228
39.00	7820	122.00	1776	186.00	24120	253.00	181
40.00	430	123.00	2515	187.00	6952	255.00	80520
41.00	176	124.00	1210	188.00	838	256.00	11537
44.00	576	125.00	1030	189.00	1328	257.00	871
50.00	23728	127.00	89328	191.00	661	258.00	5003
51.00	83544	128.00	7347	192.00	2031	259.00	539
52.00	3787	129.00	38216	193.00	2277	265.00	1715
55.00	651	130.00	3310	194.00	234	273.00	2624
56.00	2870	131.00	537	195.00	199	274.00	7101
57.00	6488	134.00	899	196.00	4249	275.00	34096
61.00	999	135.00	2555	198.00	184320	276.00	4276
62.00	1253	136.00	904	199.00	13276	277.00	2784
63.00	3304	137.00	1333	200.00	787	278.00	232
64.00	477	141.00	4957	201.00	524	285.00	439
65.00	1560	142.00	1536	203.00	1237	293.00	308
69.00	120608	143.00	779	204.00	6105	296.00	9593
70.00	409	146.00	626	205.00	10475	297.00	1413
73.00	198	147.00	2464	206.00	41488	303.00	1286
74.00	10014	148.00	5220	207.00	5390	314.00	191
75.00	14896	149.00	926	208.00	1238	315.00	1142
77.00	100680	151.00	652	209.00	281	316.00	351
78.00	7257	152.00	289	210.00	555	323.00	3052
79.00	7267	153.00	1325	211.00	1301	324.00	442
80.00	5759	154.00	1207	215.00	378	327.00	282
81.00	7890	155.00	2729	216.00	468	328.00	224
82.00	1958	156.00	3677	217.00	11304	334.00	1937
83.00	1823	157.00	705	218.00	1067	335.00	278
85.00	1544	158.00	674	221.00	3775	341.00	168
86.00	2340	159.00	595	222.00	1411	346.00	370
87.00	834	160.00	1513	223.00	2680	352.00	866
88.00	180	161.00	2384	224.00	20920	353.00	293
91.00	1744	162.00	448	225.00	4739	354.00	933
92.00	1294	165.00	1971	227.00	9084	365.00	3765
93.00	13384	166.00	1478	228.00	1324	366.00	243
94.00	932	167.00	9403	229.00	1786	372.00	1367
96.00	642	168.00	3956	231.00	554	373.00	176
98.00	9529	169.00	721	234.00	561	383.00	257
99.00	7341	171.00	182	235.00	555	402.00	506

100.00	722	172.00	760	236.00	236	403.00	759
101.00	4270	173.00	1103	237.00	222	421.00	429
103.00	1187	174.00	2025	239.00	168	422.00	470
104.00	2507	175.00	3476	240.00	240	423.00	4656
105.00	2193	176.00	878	241.00	463	424.00	768
107.00	30680	177.00	1601	242.00	1047	441.00	13823
108.00	4125	178.00	304	243.00	699	442.00	81480
110.00	62040	179.00	7347	244.00	14932	443.00	16568
111.00	9398	180.00	4502	245.00	2123	444.00	1320
112.00	840	181.00	2077	246.00	3256		

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42611.d
Report Date: 14-May-2009 14:54

TestAmerica

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42611.d
Lab Smp Id: DFTPP-31845
Inj Date : 14-MAY-2009 14:33
Operator : BNA2 Inst ID: BNAMS2.i
Smp Info : DFTPP-31845
Misc Info : 25 ug/ul Bna Std lot 4299
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/BNADFTPP.m
Meth Date : 24-Mar-2009 14:27 rusin Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 17 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

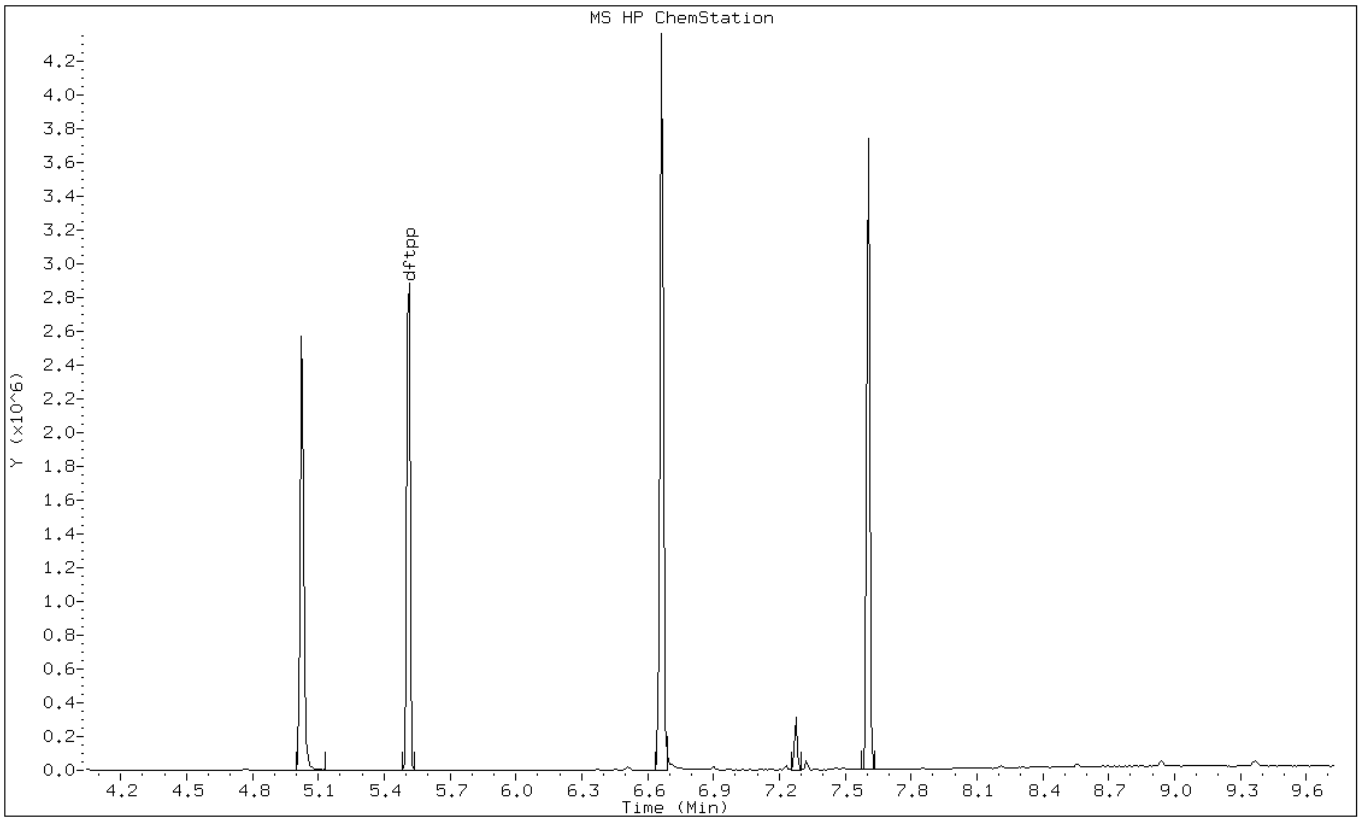
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.514	5.700	-0.186	198	264554			0.00- 100.00	100.00
5.514	5.700	-0.186	51	99317			30.00- 60.00	37.54
5.514	5.700	-0.186	68	0			0.00- 2.00	0.00
5.514	5.700	-0.186	69	146170			0.00- 0.00	55.25
5.514	5.700	-0.186	70	572			0.00- 2.00	0.39
5.514	5.700	-0.186	127	109346			40.00- 60.00	41.33
5.514	5.700	-0.186	197	0			0.00- 1.00	0.00
5.514	5.700	-0.186	199	17533			5.00- 9.00	6.63
5.514	5.700	-0.186	275	52626			10.00- 30.00	19.89
5.514	5.700	-0.186	365	7093			1.00- 0.00	2.68
5.514	5.700	-0.186	441	29642			0.01- 100.00	89.61
5.514	5.700	-0.186	442	164984			40.00- 110.00	62.36
5.514	5.700	-0.186	443	33080			17.00- 23.00	20.05

Data File: s42611.d

Date: 14-MAY-2009 14:33

Client ID: Instrument: BNAMS2.i

Sample Info: DFTPP-31845 Operator: BNA2



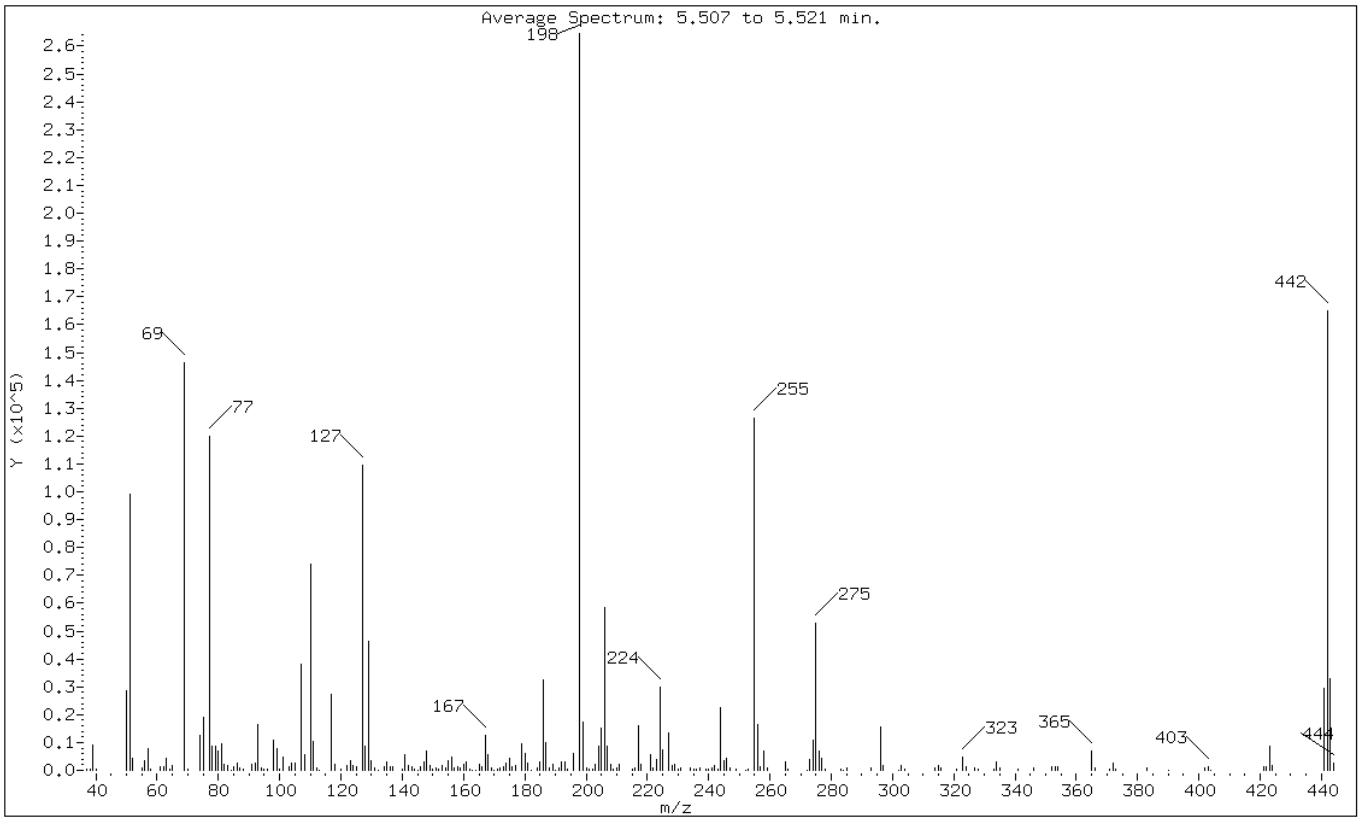
Data File: s42611.d

Date: 14-MAY-2009 14:33

Client ID: Instrument: BNAMS2.i

Sample Info: DFTPP-31845 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.54
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	55.25
70	Less than 2.00% of mass 69	0.22 (0.39)
127	40.00 - 60.00% of mass 198	41.33
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.63
275	10.00 - 30.00% of mass 198	19.89
365	Greater than 1.00% of mass 198	2.68
441	0.01 - 100.00% of mass 443	11.20 (89.61)
442	40.00 - 110.00% of mass 198	62.36
443	17.00 - 23.00% of mass 442	12.50 (20.05)

Data File: s42611.d

Date: 14-MAY-2009 14:33

Client ID: Instrument: BNAMS2.i

Sample Info: DFTPP-31845 Operator: BNA2

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42611.d
Spectrum: Average Spectrum: 5.507 to 5.521 min.
Location of Maximum: 198.00
Number of points: 223

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	263	124.00	1532	186.00	32528	257.00	1345
38.00	520	125.00	1346	187.00	9787	258.00	6984
39.00	8981	127.00	109344	188.00	793	259.00	1063
40.00	511	128.00	8789	189.00	2021	265.00	3049
50.00	28664	129.00	46496	190.00	212	266.00	462
51.00	99312	130.00	3513	191.00	1075	272.00	205
52.00	4506	131.00	771	192.00	2944	273.00	3688
55.00	711	132.00	173	193.00	3113	274.00	10607
56.00	3429	134.00	1443	194.00	518	275.00	52624
57.00	7794	135.00	3201	196.00	6213	276.00	6829
58.00	455	136.00	1402	198.00	264512	277.00	4482
61.00	1084	137.00	1446	199.00	17528	278.00	554
62.00	1474	140.00	385	200.00	1022	283.00	303
63.00	4399	141.00	5789	201.00	594	284.00	204
64.00	636	142.00	1808	202.00	222	285.00	879
65.00	1706	143.00	1215	203.00	1952	293.00	908
69.00	146112	144.00	232	204.00	8796	296.00	15565
70.00	572	145.00	169	205.00	15337	297.00	1750
74.00	12428	146.00	1101	206.00	58552	302.00	181
75.00	19104	147.00	2870	207.00	8521	303.00	1611
77.00	119928	148.00	6770	208.00	1964	304.00	482
78.00	8822	149.00	1551	209.00	544	314.00	792
79.00	8748	150.00	343	210.00	959	315.00	1768
80.00	7134	151.00	718	211.00	2291	316.00	942
81.00	9608	152.00	570	215.00	492	321.00	271
82.00	2109	153.00	1889	216.00	792	323.00	4963
83.00	1827	154.00	1038	217.00	15851	324.00	1103
84.00	179	155.00	3429	218.00	2227	327.00	708
85.00	1292	156.00	4705	221.00	5712	328.00	407
86.00	2791	157.00	992	222.00	1058	333.00	502
87.00	1007	158.00	1168	223.00	3850	334.00	3165
88.00	490	159.00	907	224.00	29696	335.00	817
91.00	2291	160.00	2012	225.00	7239	341.00	358
92.00	2571	161.00	2843	227.00	13465	346.00	766
93.00	16341	162.00	634	228.00	1664	352.00	1398
94.00	955	163.00	174	229.00	2301	353.00	1195
95.00	226	164.00	188	230.00	235	354.00	1464
96.00	495	165.00	2095	231.00	927	365.00	7093
98.00	10773	166.00	1412	234.00	694	366.00	751
99.00	7580	167.00	12647	235.00	632	371.00	240

100.00	439	168.00	5531	236.00	548	372.00	2603
101.00	4755	169.00	1027	237.00	745	373.00	436
103.00	1328	170.00	199	239.00	225	383.00	682
104.00	2728	171.00	258	240.00	473	390.00	191
105.00	2740	172.00	1003	241.00	674	402.00	1029
107.00	38096	173.00	1324	242.00	1540	403.00	1252
108.00	5576	174.00	2642	243.00	295	404.00	201
110.00	74088	175.00	4444	244.00	22296	421.00	1420
111.00	10574	176.00	1236	245.00	3506	422.00	1402
112.00	964	177.00	1797	246.00	4283	423.00	8675
113.00	178	179.00	9645	247.00	668	424.00	1707
117.00	27464	180.00	5980	249.00	637	441.00	29640
118.00	2174	181.00	2721	252.00	175	442.00	164928
120.00	428	182.00	216	253.00	511	443.00	33080
122.00	1855	184.00	918	255.00	126528	444.00	2728
123.00	3604	185.00	2911	256.00	16309		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-6177/1-A

Matrix: Water | Lab File ID: s42618.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 19:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.89
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
105-60-2	Caprolactam	10	U	10	0.50
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-6177/1-A

Matrix: Water | Lab File ID: s42618.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 19:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.4
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-6177/1-A

Matrix: Water Lab File ID: s42618.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 19:01

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	50	19-66	
321-60-8	2-Fluorobiphenyl	82	53-110	
4165-62-2	Phenol-d5	35	13-44	
4165-60-0	Nitrobenzene-d5	86	49-114	
118-79-6	2,4,6-Tribromophenol	94	52-122	
1718-51-0	Terphenyl-d14	84	46-129	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42618.d
Report Date: 15-May-2009 05:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42618.d
Lab Smp Id: MB 460-6177/1-A
Inj Date : 14-MAY-2009 19:01
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : MB 460-6177/1-A
Misc Info :
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

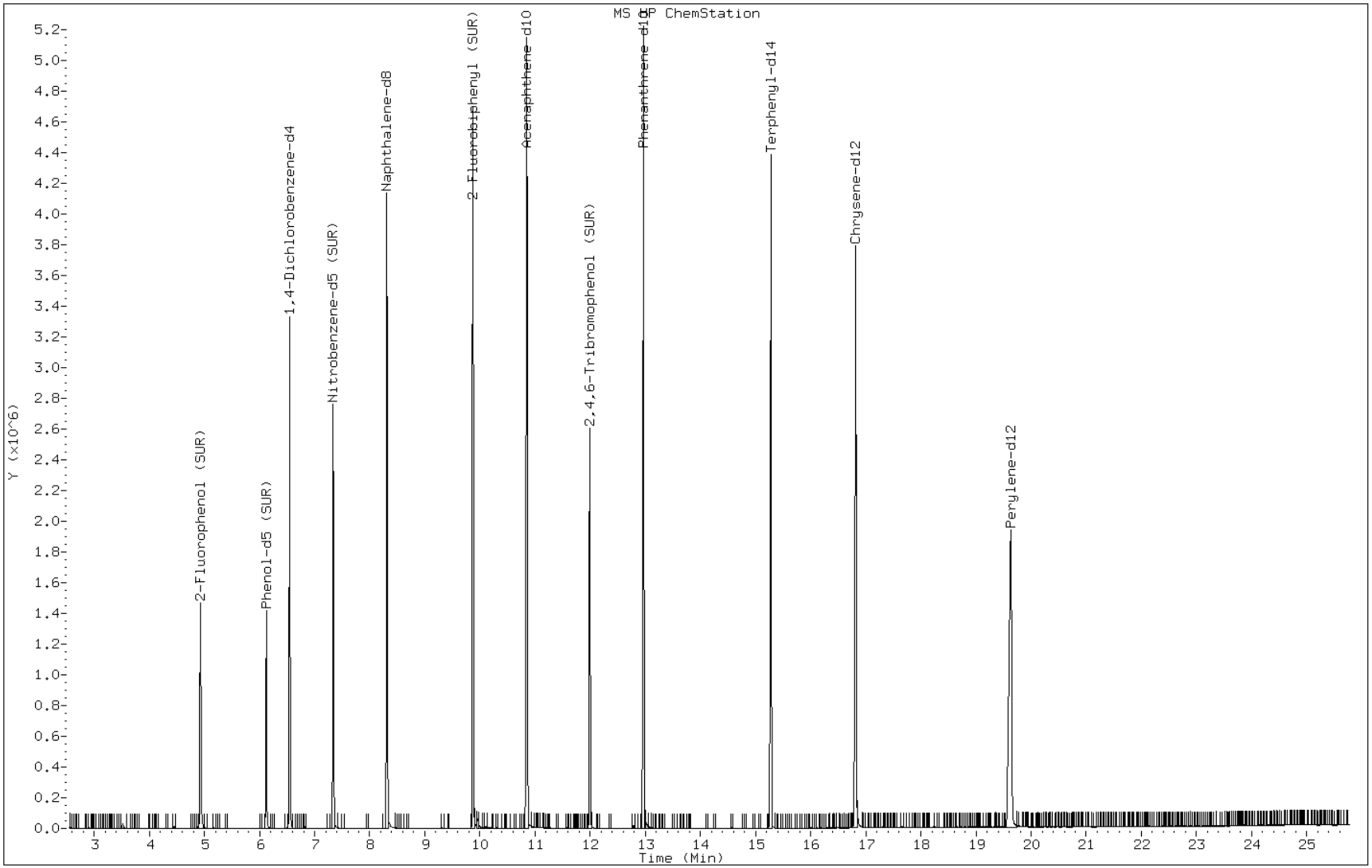
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.923	4.929	(0.752)	680698	25.1492	50
$ 17 Phenol-d5 (SUR)	99	6.123	6.143	(0.935)	641370	17.6360	35
* 79 1,4-Dichlorobenzene-d4	152	6.547	6.549	(1.000)	705715	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	7.338	7.355	(0.883)	1172334	42.7935	86
* 80 Naphthalene-d8	136	8.313	8.319	(1.000)	2619340	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	9.877	9.884	(0.910)	2151450	41.0709	82
* 82 Acenaphthene-d10	164	10.849	10.862	(1.000)	1887287	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	11.992	12.005	(1.105)	322775	47.1813	94
* 83 Phenanthrene-d10	188	12.968	12.974	(1.000)	2850058	40.0000	
$ 78 Terphenyl-d14	244	15.283	15.279	(0.908)	1984167	42.0056	84
* 81 Chrysene-d12	240	16.823	16.836	(1.000)	2360430	40.0000	
* 84 Perylene-d12	264	19.632	19.660	(1.000)	1890040	40.0000	

Data File: s42618.d

Date: 14-MAY-2009 19:01

Client ID: Instrument: BNAMS2.i

Sample Info: MB 460-6177/1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-6177/2-A

Matrix: Water | Lab File ID: s42619.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 19:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	96.5		10	1.3
108-95-2	Phenol	41.6		10	0.89
111-44-4	Bis(2-chloroethyl)ether	97.3		1.0	0.41
95-57-8	2-Chlorophenol	77.8		10	2.6
95-48-7	2-Methylphenol	74.5		10	1.7
98-86-2	Acetophenone	106		10	4.3
621-64-7	N-Nitrosodi-n-propylamine	93.1		1.0	0.32
67-72-1	Hexachloroethane	70.6		1.0	0.50
98-95-3	Nitrobenzene	86.7		1.0	0.41
78-59-1	Isophorone	87.6		10	3.6
88-75-5	2-Nitrophenol	86.7		10	3.4
105-67-9	2,4-Dimethylphenol	78.2		10	2.5
111-91-1	Bis(2-chloroethoxy)methane	91.1		10	3.5
120-83-2	2,4-Dichlorophenol	90.1		10	2.8
91-20-3	Naphthalene	80.4		10	3.7
106-47-8	4-Chloroaniline	82.1		10	2.1
87-68-3	Hexachlorobutadiene	87.7		2.0	0.94
105-60-2	Caprolactam	29.3		10	0.50
59-50-7	4-Chloro-3-methylphenol	86.2		10	2.0
91-57-6	2-Methylnaphthalene	90.7		10	3.1
77-47-4	Hexachlorocyclopentadiene	69.5		10	4.6
88-06-2	2,4,6-Trichlorophenol	89.6		10	3.2
95-95-4	2,4,5-Trichlorophenol	87.3		10	2.5
91-58-7	2-Chloronaphthalene	80.1		10	3.8
88-74-4	2-Nitroaniline	82.6		20	5.7
131-11-3	Dimethyl phthalate	92.9		10	3.3
208-96-8	Acenaphthylene	78.5		10	4.0
606-20-2	2,6-Dinitrotoluene	85.8		2.0	0.59
99-09-2	3-Nitroaniline	78.5		20	4.3
83-32-9	Acenaphthene	79.7		10	3.8
51-28-5	2,4-Dinitrophenol	87.8		30	4.8
100-02-7	4-Nitrophenol	32.9		30	2.3
132-64-9	Dibenzofuran	84.4		10	3.6
121-14-2	2,4-Dinitrotoluene	86.8		2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-6177/2-A

Matrix: Water | Lab File ID: s42619.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 19:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	79.2		10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	89.3		10	3.9
86-73-7	Fluorene	92.2		10	3.3
100-01-6	4-Nitroaniline	76.1		20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	86.3		30	5.2
86-30-6	N-Nitrosodiphenylamine	88.1		10	3.9
101-55-3	4-Bromophenyl phenyl ether	93.0		10	3.9
118-74-1	Hexachlorobenzene	95.0		1.0	0.27
1912-24-9	Atrazine	87.1		10	4.8
87-86-5	Pentachlorophenol	96.9		30	5.1
85-01-8	Phenanthrene	82.3		10	3.6
120-12-7	Anthracene	82.7		10	3.6
86-74-8	Carbazole	77.9		10	3.1
84-74-2	Di-n-butyl phthalate	72.3		10	2.8
206-44-0	Fluoranthene	83.7		10	2.6
129-00-0	Pyrene	85.7		10	4.3
85-68-7	Butyl benzyl phthalate	74.6		10	2.8
91-94-1	3,3'-Dichlorobenzidine	88.3		20	7.0
56-55-3	Benzo[a]anthracene	88.6		1.0	0.27
218-01-9	Chrysene	87.6		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	62.8		10	2.4
117-84-0	Di-n-octyl phthalate	70.6		10	1.9
205-99-2	Benzo[b]fluoranthene	85.8		1.0	0.21
207-08-9	Benzo[k]fluoranthene	84.4		1.0	0.30
50-32-8	Benzo[a]pyrene	75.6		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	88.0		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	84.7		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	81.0		10	2.7
92-52-4	Diphenyl	81.9		10	5.4
106-44-5	4-Methylphenol	59.6		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	84.2		10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-6177/2-A

Matrix: Water | Lab File ID: s42619.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 19:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	50	19-66	
321-60-8	2-Fluorobiphenyl	84	53-110	
4165-62-2	Phenol-d5	35	13-44	
4165-60-0	Nitrobenzene-d5	91	49-114	
118-79-6	2,4,6-Tribromophenol	100	52-122	
1718-51-0	Terphenyl-d14	96	46-129	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42619.d
Report Date: 15-May-2009 07:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42619.d
Lab Smp Id: LCS 460-6177/2-A
Inj Date : 14-MAY-2009 19:35
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : LCS 460-6177/2-A
Misc Info :
Comment :
Method : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 25 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	106 1,4-Dioxane	88	2.722	2.723	(0.416)	224954	25.6192	51
	71 Pyridine	79	3.186	3.193	(0.486)	409604	18.6992	37
	19 N-Nitrosodimethylamine	74	3.202	3.208	(0.489)	370770	30.1256	60
$	16 2-Fluorophenol (SUR)	112	4.924	4.929	(0.752)	622832	25.1328	50
	110 Benzaldehyde	77	5.983	5.986	(0.913)	642143	48.2310	96
$	17 Phenol-d5 (SUR)	99	6.134	6.143	(0.936)	584653	17.5586	35
	1 Phenol	94	6.149	6.158	(0.938)	657592	20.8198	42
	73 Aniline	93	6.170	6.173	(0.942)	1206353	34.1102	68
	20 bis(2-Chloroethyl)ether	93	6.238	6.248	(0.952)	1025703	48.6461	97
	2 2-Chlorophenol	128	6.313	6.315	(0.964)	846736	38.9188	78
	21 1,3-Dichlorobenzene	146	6.500	6.503	(0.992)	883436	37.0081	74
*	79 1,4-Dichlorobenzene-d4	152	6.552	6.549	(1.000)	646144	40.0000	
	22 1,4-Dichlorobenzene	146	6.574	6.571	(1.003)	782621	36.6520	73
	74 Benzyl Alcohol	108	6.769	6.773	(1.033)	654823	37.1889	74
	23 1,2-Dichlorobenzene	146	6.822	6.824	(1.041)	833881	37.4965	75

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42619.d
Report Date: 15-May-2009 07:54

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	3 2-Methylphenol	108	6.942	6.950	(1.060)	850400	37.2351	74
	24 bis (2-chloroisopropyl) ether	45	6.971	6.973	(1.064)	935578	42.0893	84
	4 4-Methylphenol	108	7.143	7.153	(1.090)	699940	29.8035	60
	123 3 & 4 Methylphenol	108	7.143	7.153	(1.090)	699940	29.7704	60
	104 Acetophenone	105	7.135	7.146	(1.089)	1334329	53.0547	110
	25 N-Nitroso-di-n-propylamine	70	7.173	7.183	(1.095)	675495	46.5543	93
	26 Hexachloroethane	117	7.241	7.243	(1.105)	364685	35.2826	70
$	76 Nitrobenzene-d5 (SUR)	82	7.345	7.355	(0.883)	1123021	45.3022	91
	107 N,N-Dimethylaniline	120	7.383	7.392	(1.127)	1106271	35.4435	71
	27 Nitrobenzene	77	7.375	7.385	(0.886)	1140223	43.3489	87
	28 Isophorone	82	7.689	7.691	(0.924)	2190252	43.7795	88
	5 2-Nitrophenol	139	7.816	7.817	(0.939)	597222	43.3412	87
	6 2,4-Dimethylphenol	122	7.869	7.877	(0.946)	808073	39.1196	78
	29 bis(2-Chloroethoxy)methane	93	8.004	8.004	(0.962)	1234364	45.5718	91
	15 Benzoic Acid	122	7.989	8.087	(0.960)	93025	7.21338	14(H)
	7 2,4-Dichlorophenol	162	8.139	8.147	(0.978)	829846	45.0282	90
	30 1,2,4-Trichlorobenzene	180	8.259	8.266	(0.993)	771726	43.4006	87
*	80 Naphthalene-d8	136	8.319	8.319	(1.000)	2370211	40.0000	
	31 Naphthalene	128	8.349	8.357	(1.004)	2153044	40.2092	80
	32 4-Chloroaniline	127	8.455	8.462	(1.016)	1123215	41.0254	82
	33 Hexachlorobutadiene	225	8.598	8.597	(1.034)	349424	43.8280	88
	111 Caprolactam	113	8.925	8.993	(1.073)	151328	14.6417	29
	8 4-Chloro-3-methylphenol	107	9.149	9.156	(1.100)	926510	43.0811	86
	34 2-Methylnaphthalene	142	9.320	9.329	(1.120)	1758831	45.3516	91
	35 Hexachlorocyclopentadiene	237	9.650	9.649	(0.889)	320456	34.7414	69
	9 2,4,6-Trichlorophenol	196	9.769	9.778	(0.900)	563368	44.7767	90
	10 2,4,5-Trichlorophenol	196	9.829	9.838	(0.906)	572208	43.6431	87
$	77 2-Fluorobiphenyl (SUR)	172	9.883	9.884	(0.911)	1893800	41.9285	84
	102 Diphenyl	154	10.011	10.012	(0.922)	2058814	40.9564	82
	36 2-Chloronaphthalene	162	10.026	10.027	(0.924)	1590917	40.0515	80
	103 Diphenyl Ether	170	10.168	10.169	(0.937)	1223996	41.9705	84
	37 2-Nitroaniline	65	10.228	10.237	(0.942)	555453	41.2837	82
	38 Dimethylphthalate	163	10.520	10.524	(0.969)	2312994	46.4596	93
	40 2,6-Dinitrotoluene	165	10.633	10.637	(0.980)	543681	42.8916	86
	39 Acenaphthylene	152	10.633	10.637	(0.980)	2560156	39.2458	78
	41 3-Nitroaniline	138	10.829	10.839	(0.998)	637779	39.2372	78
*	82 Acenaphthene-d10	164	10.852	10.862	(1.000)	1627293	40.0000	
	42 Acenaphthene	154	10.905	10.907	(1.005)	1595834	39.8591	80
	11 2,4-Dinitrophenol	184	10.965	10.976	(1.010)	340914	43.8931	88
	12 4-Nitrophenol	65	11.071	11.080	(1.020)	189141	16.4537	33
	43 Dibenzofuran	168	11.123	11.133	(1.025)	2452915	42.2210	84
	44 2,4-Dinitrotoluene	165	11.192	11.194	(1.031)	781115	43.4003	87
	45 Diethylphthalate	149	11.538	11.539	(1.063)	2164061	39.6123	79
	46 4-Chlorophenyl-phenylether	204	11.621	11.622	(1.071)	834737	44.6295	89
	47 Fluorene	166	11.628	11.629	(1.072)	1785032	46.0754	92
	48 4-Nitroaniline	138	11.734	11.743	(1.081)	652147	38.0406	76
	13 4,6-Dinitro-2-methylphenol	198	11.787	11.788	(0.909)	406057	43.1516	86

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42619.d
Report Date: 15-May-2009 07:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
49	N-Nitrosodiphenylamine	169	11.810	11.818	(0.910)	1552983	44.0541	88
75	1,2-Diphenylhydrazine	77	11.846	11.849	(0.913)	2140268	36.7889	74
$ 18	2,4,6-Tribromophenol (SUR)	330	12.003	12.005	(1.106)	295237	50.0510	100
50	4-Bromophenyl-phenylether	248	12.319	12.320	(0.950)	440465	46.5101	93
51	Hexachlorobenzene	284	12.536	12.537	(0.966)	530242	47.5164	95
112	Atrazine	200	12.627	12.628	(0.973)	482154	43.5490	87
14	Pentachlorophenol	266	12.798	12.802	(0.987)	357186	48.4556	97
* 83	Phenanthrene-d10	188	12.972	12.974	(1.000)	2566746	40.0000	
52	Phenanthrene	178	13.010	13.012	(1.003)	2664696	41.1411	82
53	Anthracene	178	13.070	13.080	(1.008)	2778518	41.3319	83
54	Carbazole	167	13.311	13.320	(1.026)	2870438	38.9530	78
55	Di-n-butylphthalate	149	13.864	13.864	(1.069)	3837945	36.1571	72
56	Fluoranthene	202	14.732	14.732	(1.136)	2951123	41.8293	84
58	Benzidine	184	14.918	14.928	(1.150)	406151	8.78146	18(a)
57	Pyrene	202	15.061	15.063	(0.895)	2897140	42.8740	86
$ 78	Terphenyl-d14	244	15.278	15.279	(0.908)	1870631	47.8388	96
59	Butylbenzylphthalate	149	16.018	16.021	(0.952)	1806318	37.3207	75
60	3,3'-Dichlorobenzidine	252	16.788	16.791	(0.997)	890478	44.1666	88
61	Benzo(a)anthracene	228	16.795	16.799	(0.998)	2316831	44.3035	89
63	bis(2-Ethylhexyl)phthalate	149	16.864	16.867	(1.002)	1775356	31.4073	63(R)
* 81	Chrysene-d12	240	16.834	16.836	(1.000)	1954015	40.0000	
62	Chrysene	228	16.880	16.882	(1.003)	1803691	43.8111	88
64	Di-n-octylphthalate	149	17.917	17.917	(0.912)	4225696	35.2843	70
65	Benzo(b)fluoranthene	252	18.772	18.787	(0.956)	2352001	42.9219	86
66	Benzo(k)fluoranthene	252	18.840	18.846	(0.959)	2234848	42.2156	84
67	Benzo(a)pyrene	252	19.494	19.516	(0.992)	1881804	37.8018	76
* 84	Perylene-d12	264	19.645	19.660	(1.000)	1710402	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	22.525	22.539	(1.147)	2379236	43.9882	88(M)
69	Dibenz(a,h)anthracene	278	22.601	22.623	(1.150)	1906571	42.3710	85
70	Benzo(g,h,i)perylene	276	23.345	23.370	(1.188)	1923602	40.5249	81

QC Flag Legend

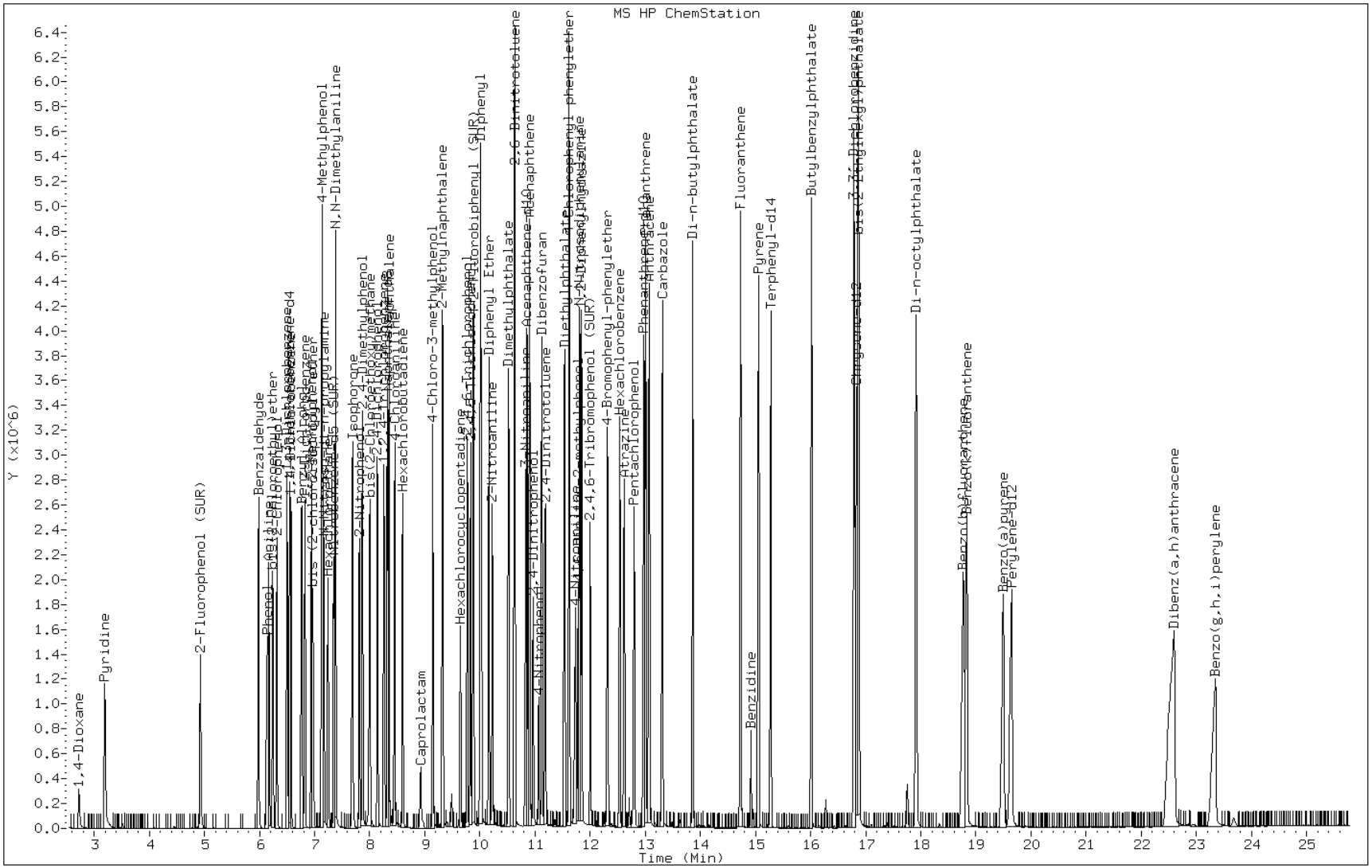
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: s42619.d

Date: 14-MAY-2009 19:35

Client ID: Instrument: BNAMS2.i

Sample Info: LCS 460-6177/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 | Lab Sample ID: 460-1570-1 MS

Matrix: Water | Lab File ID: s42621.d

Analysis Method: 8270C | Date Collected: 05/08/2009 10:20

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 20:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	90.5		10	1.3
108-95-2	Phenol	40.3		10	0.89
111-44-4	Bis(2-chloroethyl)ether	95.8		1.0	0.41
95-57-8	2-Chlorophenol	73.9		10	2.6
95-48-7	2-Methylphenol	70.7		10	1.7
98-86-2	Acetophenone	105		10	4.3
621-64-7	N-Nitrosodi-n-propylamine	92.2		1.0	0.32
67-72-1	Hexachloroethane	68.0		1.0	0.50
98-95-3	Nitrobenzene	80.3		1.0	0.41
78-59-1	Isophorone	84.0		10	3.6
88-75-5	2-Nitrophenol	82.9		10	3.4
105-67-9	2,4-Dimethylphenol	78.2		10	2.5
111-91-1	Bis(2-chloroethoxy)methane	87.5		10	3.5
120-83-2	2,4-Dichlorophenol	86.7		10	2.8
91-20-3	Naphthalene	77.4		10	3.7
106-47-8	4-Chloroaniline	79.4		10	2.1
87-68-3	Hexachlorobutadiene	85.4		2.0	0.94
105-60-2	Caprolactam	26.3		10	0.50
59-50-7	4-Chloro-3-methylphenol	84.4		10	2.0
91-57-6	2-Methylnaphthalene	88.7		10	3.1
77-47-4	Hexachlorocyclopentadiene	72.5		10	4.6
88-06-2	2,4,6-Trichlorophenol	89.5		10	3.2
95-95-4	2,4,5-Trichlorophenol	84.8		10	2.5
91-58-7	2-Chloronaphthalene	79.8		10	3.8
88-74-4	2-Nitroaniline	79.0		20	5.7
131-11-3	Dimethyl phthalate	90.6		10	3.3
208-96-8	Acenaphthylene	77.7		10	4.0
606-20-2	2,6-Dinitrotoluene	84.3		2.0	0.59
99-09-2	3-Nitroaniline	76.2		20	4.3
83-32-9	Acenaphthene	80.3		10	3.8
51-28-5	2,4-Dinitrophenol	87.0		30	4.8
100-02-7	4-Nitrophenol	33.1		30	2.3
132-64-9	Dibenzofuran	86.5		10	3.6
121-14-2	2,4-Dinitrotoluene	84.9		2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 | Lab Sample ID: 460-1570-1 MS

Matrix: Water | Lab File ID: s42621.d

Analysis Method: 8270C | Date Collected: 05/08/2009 10:20

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 20:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	78.1		10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	87.9		10	3.9
86-73-7	Fluorene	90.8		10	3.3
100-01-6	4-Nitroaniline	74.6		20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	86.7		30	5.2
86-30-6	N-Nitrosodiphenylamine	82.9		10	3.9
101-55-3	4-Bromophenyl phenyl ether	90.9		10	3.9
118-74-1	Hexachlorobenzene	91.5		1.0	0.27
1912-24-9	Atrazine	86.0		10	4.8
87-86-5	Pentachlorophenol	99.2		30	5.1
85-01-8	Phenanthrene	81.8		10	3.6
120-12-7	Anthracene	80.9		10	3.6
86-74-8	Carbazole	76.7		10	3.1
84-74-2	Di-n-butyl phthalate	71.0		10	2.8
206-44-0	Fluoranthene	82.4		10	2.6
129-00-0	Pyrene	77.3		10	4.3
85-68-7	Butyl benzyl phthalate	70.1		10	2.8
91-94-1	3,3'-Dichlorobenzidine	75.6		20	7.0
56-55-3	Benzo[a]anthracene	78.5		1.0	0.27
218-01-9	Chrysene	80.0		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	52.5		10	2.4
117-84-0	Di-n-octyl phthalate	69.5		10	1.9
205-99-2	Benzo[b]fluoranthene	83.8		1.0	0.21
207-08-9	Benzo[k]fluoranthene	82.5		1.0	0.30
50-32-8	Benzo[a]pyrene	72.9		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	86.0		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	81.7		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	77.3		10	2.7
92-52-4	Diphenyl	81.0		10	5.4
106-44-5	4-Methylphenol	58.5		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	83.7		10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1 MS

Matrix: Water Lab File ID: s42621.d

Analysis Method: 8270C Date Collected: 05/08/2009 10:20

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 20:44

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	46	19-66	
321-60-8	2-Fluorobiphenyl	84	53-110	
4165-62-2	Phenol-d5	34	13-44	
4165-60-0	Nitrobenzene-d5	88	49-114	
118-79-6	2,4,6-Tribromophenol	99	52-122	
1718-51-0	Terphenyl-d14	85	46-129	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42621.d
Report Date: 15-May-2009 06:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42621.d
Lab Smp Id: 460-1570-A-1-A MS Client Smp ID: GW-017338-050809-AC
Inj Date : 14-MAY-2009 20:44
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : 460-1570-A-1-A MS
Misc Info : 460-1570-A-1-A MS
Comment   :
Method   : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 27 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	2.724	2.723	(0.416)	209302	23.1668	46
	71 Pyridine	79	3.186	3.193	(0.487)	372573	16.5307	33
	19 N-Nitrosodimethylamine	74	3.194	3.208	(0.488)	358422	28.3039	57
$	16 2-Fluorophenol (SUR)	112	4.928	4.929	(0.753)	589836	23.1325	46
	110 Benzaldehyde	77	5.980	5.986	(0.914)	620179	45.2723	90
$	17 Phenol-d5 (SUR)	99	6.130	6.143	(0.936)	578646	16.8899	34
	1 Phenol	94	6.146	6.158	(0.939)	655311	20.1645	40
	73 Aniline	93	6.168	6.173	(0.942)	1124082	30.8908	62
	20 bis(2-Chloroethyl)ether	93	6.243	6.248	(0.954)	1038882	47.8866	96
	2 2-Chlorophenol	128	6.309	6.315	(0.964)	827535	36.9674	74
	21 1,3-Dichlorobenzene	146	6.502	6.503	(0.993)	891260	36.2867	72
*	79 1,4-Dichlorobenzene-d4	152	6.546	6.549	(1.000)	664826	40.0000	
	22 1,4-Dichlorobenzene	146	6.568	6.571	(1.003)	784943	35.7278	71
	74 Benzyl Alcohol	108	6.768	6.773	(1.034)	664265	36.6650	73
	23 1,2-Dichlorobenzene	146	6.827	6.824	(1.043)	839832	36.7029	73

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42621.d
Report Date: 15-May-2009 06:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	3 2-Methylphenol	108	6.940	6.950	(1.060)	830634	35.3476	71
	24 bis (2-chloroisopropyl) ether	45	6.970	6.973	(1.065)	956932	41.8403	84
	4 4-Methylphenol	108	7.143	7.153	(1.091)	707046	29.2601	58
	123 3 & 4 Methylphenol	108	7.143	7.153	(1.091)	707046	29.2276	58
	104 Acetophenone	105	7.136	7.146	(1.090)	1360529	52.5056	100
	25 N-Nitroso-di-n-propylamine	70	7.173	7.183	(1.096)	688610	46.1245	92
	26 Hexachloroethane	117	7.241	7.243	(1.106)	361507	33.9923	68
$	76 Nitrobenzene-d5 (SUR)	82	7.345	7.355	(0.883)	1156124	43.7857	88
	107 N,N-Dimethylaniline	120	7.382	7.392	(1.128)	1106207	34.1579	68
	27 Nitrobenzene	77	7.375	7.385	(0.886)	1134791	40.1623	80
	28 Isophorone	82	7.687	7.691	(0.924)	2237854	41.9958	84
	5 2-Nitrophenol	139	7.814	7.817	(0.939)	608518	41.4606	83
	6 2,4-Dimethylphenol	122	7.873	7.877	(0.946)	860149	39.0944	78
	29 bis(2-Chloroethoxy)methane	93	8.000	8.004	(0.961)	1262219	43.7507	88
	15 Benzoic Acid	122	7.993	8.087	(0.960)	119035	8.66584	17(H)
	7 2,4-Dichlorophenol	162	8.143	8.147	(0.979)	851226	43.3640	87
	30 1,2,4-Trichlorobenzene	180	8.263	8.266	(0.993)	793722	41.9081	84
*	80 Naphthalene-d8	136	8.322	8.319	(1.000)	2524585	40.0000	
	31 Naphthalene	128	8.352	8.357	(1.004)	2207533	38.7059	77
	32 4-Chloroaniline	127	8.450	8.462	(1.015)	1157949	39.7079	79
	33 Hexachlorobutadiene	225	8.593	8.597	(1.033)	362775	42.7202	85
	111 Caprolactam	113	8.926	8.993	(1.073)	144679	13.1424	26
	8 4-Chloro-3-methylphenol	107	9.142	9.156	(1.099)	966780	42.2047	84
	34 2-Methylnaphthalene	142	9.323	9.329	(1.120)	1837575	44.3521	89
	35 Hexachlorocyclopentadiene	237	9.646	9.649	(0.888)	350419	36.2593	72
	9 2,4,6-Trichlorophenol	196	9.773	9.778	(0.900)	589655	44.7312	89
	10 2,4,5-Trichlorophenol	196	9.833	9.838	(0.906)	582593	42.4110	85
$	77 2-Fluorobiphenyl (SUR)	172	9.879	9.884	(0.910)	1997657	42.2132	84
	102 Diphenyl	154	10.007	10.012	(0.922)	2135751	40.4799	81
	36 2-Chloronaphthalene	162	10.030	10.027	(0.924)	1660154	39.8907	80
	103 Diphenyl Ether	170	10.165	10.169	(0.936)	1273729	41.6863	83
	37 2-Nitroaniline	65	10.226	10.237	(0.942)	556978	39.5113	79
	38 Dimethylphthalate	163	10.518	10.524	(0.969)	2362868	45.2994	90
	40 2,6-Dinitrotoluene	165	10.631	10.637	(0.979)	559616	42.1377	84
	39 Acenaphthylene	152	10.631	10.637	(0.979)	2659741	38.8591	78
	41 3-Nitroaniline	138	10.833	10.839	(0.998)	648774	38.0955	76
*	82 Acenaphthene-d10	164	10.856	10.862	(1.000)	1704957	40.0000	
	42 Acenaphthene	154	10.902	10.907	(1.004)	1684819	40.1648	80
	11 2,4-Dinitrophenol	184	10.970	10.976	(1.010)	354096	43.5136	87
	12 4-Nitrophenol	65	11.066	11.080	(1.019)	199515	16.5655	33
	43 Dibenzofuran	168	11.126	11.133	(1.025)	2633375	43.2625	86
	44 2,4-Dinitrotoluene	165	11.186	11.194	(1.030)	800349	42.4434	85
	45 Diethylphthalate	149	11.537	11.539	(1.063)	2233955	39.0290	78
	46 4-Chlorophenyl-phenylether	204	11.613	11.622	(1.070)	860866	43.9299	88
	47 Fluorene	166	11.628	11.629	(1.071)	1842815	45.4002	91
	48 4-Nitroaniline	138	11.733	11.743	(1.081)	669793	37.2902	74
	13 4,6-Dinitro-2-methylphenol	198	11.786	11.788	(0.909)	426992	43.3299	87

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42621.d
Report Date: 15-May-2009 06:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	49 N-Nitrosodiphenylamine	169	11.809	11.818	(0.910)	1530647	41.4622	83
	75 1,2-Diphenylhydrazine	77	11.847	11.849	(0.913)	2270493	37.2672	74
$	18 2,4,6-Tribromophenol (SUR)	330	12.005	12.005	(1.106)	306783	49.6393	99
	50 4-Bromophenyl-phenylether	248	12.313	12.320	(0.949)	450725	45.4470	91
	51 Hexachlorobenzene	284	12.537	12.537	(0.967)	534902	45.7722	92
	112 Atrazine	200	12.620	12.628	(0.973)	499675	43.0112	86
	115 n-Octadecane	57	12.313	12.764	(0.949)	7452	0.34373	0.69(a)
	14 Pentachlorophenol	266	12.799	12.802	(0.987)	383041	49.6195	99
*	83 Phenanthrene-d10	188	12.971	12.974	(1.000)	2687972	40.0000	
	52 Phenanthrene	178	13.009	13.012	(1.003)	2772620	40.8768	82
	53 Anthracene	178	13.076	13.080	(1.008)	2847402	40.4463	81
	54 Carbazole	167	13.317	13.320	(1.027)	2961168	38.3720	77
	55 Di-n-butylphthalate	149	13.863	13.864	(1.069)	3960056	35.4857	71
	56 Fluoranthene	202	14.728	14.732	(1.135)	3044319	41.2042	82
	58 Benzidine	184	14.915	14.928	(1.150)	330556	6.52265	13(a)
	57 Pyrene	202	15.057	15.063	(0.895)	2978264	38.6602	77
$	78 Terphenyl-d14	244	15.282	15.279	(0.908)	1896280	42.5374	85
	59 Butylbenzylphthalate	149	16.020	16.021	(0.952)	1934428	35.0578	70
	60 3,3'-Dichlorobenzidine	252	16.788	16.791	(0.997)	868343	37.7779	76
	61 Benzo(a)anthracene	228	16.795	16.799	(0.998)	2341146	39.2689	78
	63 bis(2-Ethylhexyl)phthalate	149	16.862	16.867	(1.002)	1763550	26.2471	52(R)
*	81 Chrysene-d12	240	16.832	16.836	(1.000)	2227673	40.0000	
	62 Chrysene	228	16.877	16.882	(1.003)	1877877	40.0098	80
	64 Di-n-octylphthalate	149	17.914	17.917	(0.912)	4473827	34.7382	69
	65 Benzo(b)fluoranthene	252	18.775	18.787	(0.955)	2461242	41.8794	84
	66 Benzo(k)fluoranthene	252	18.836	18.846	(0.958)	2347354	41.2333	82
	67 Benzo(a)pyrene	252	19.500	19.516	(0.992)	1950546	36.4367	73
*	84 Perylene-d12	264	19.652	19.660	(1.000)	1839305	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	22.522	22.539	(1.146)	2501030	42.9993	86
	69 Dibenz(a,h)anthracene	278	22.605	22.623	(1.150)	1976020	40.8368	82
	70 Benzo(g,h,i)perylene	276	23.350	23.370	(1.188)	1972375	38.6403	77

QC Flag Legend

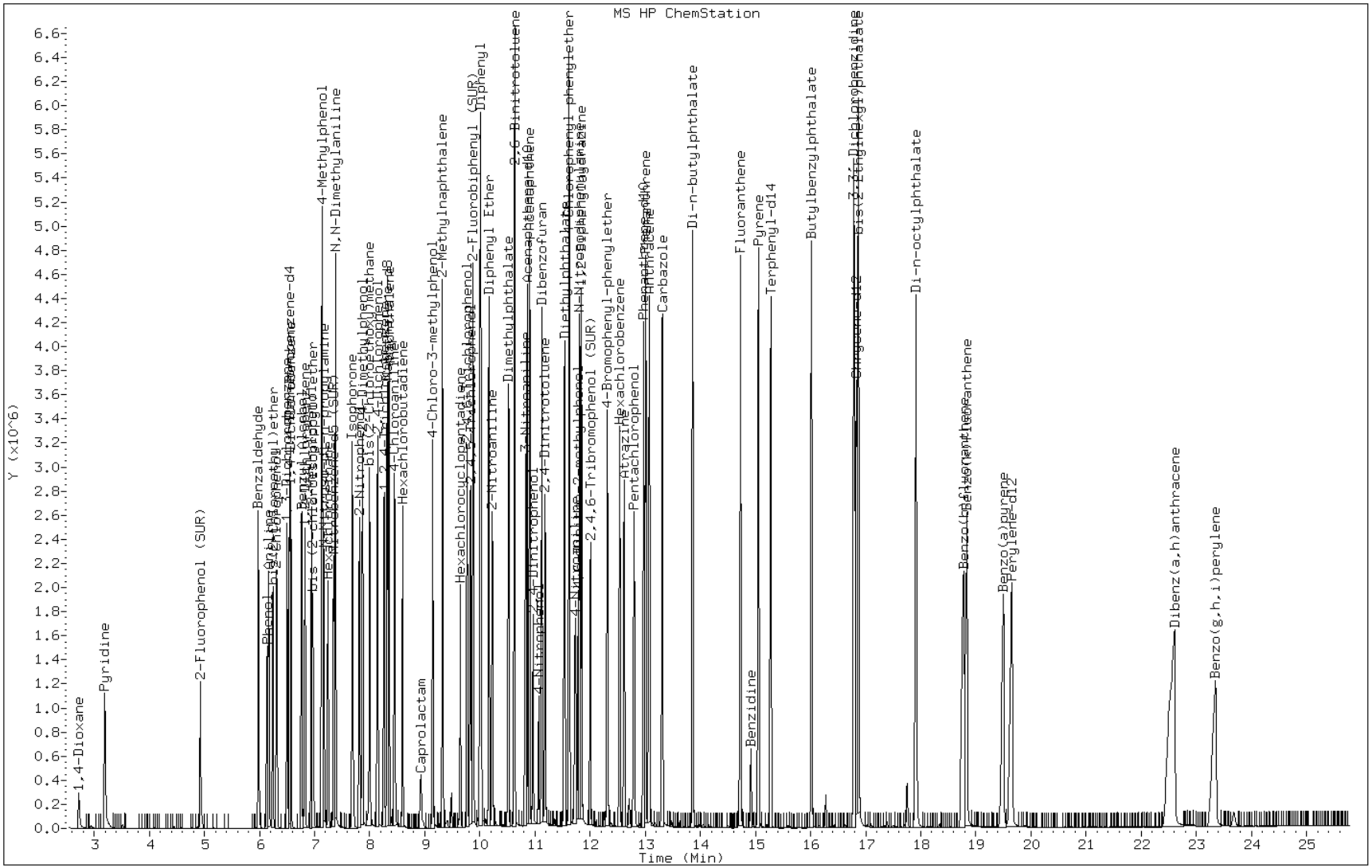
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: s42621.d

Date: 14-MAY-2009 20:44

Client ID: GW-017338-050809-AC Instrument: BNAMS2.i

Sample Info: 460-1570-A-1-A MS Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 | Lab Sample ID: 460-1570-1 MSD

Matrix: Water | Lab File ID: s42622.d

Analysis Method: 8270C | Date Collected: 05/08/2009 10:20

Extract. Method: 3510C | Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) | Date Analyzed: 05/14/2009 21:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	104		10	1.3
108-95-2	Phenol	46.5		10	0.89
111-44-4	Bis(2-chloroethyl)ether	101		1.0	0.41
95-57-8	2-Chlorophenol	87.6		10	2.6
95-48-7	2-Methylphenol	81.5		10	1.7
98-86-2	Acetophenone	118		10	4.3
621-64-7	N-Nitrosodi-n-propylamine	101		1.0	0.32
67-72-1	Hexachloroethane	84.7		1.0	0.50
98-95-3	Nitrobenzene	92.6		1.0	0.41
78-59-1	Isophorone	94.5		10	3.6
88-75-5	2-Nitrophenol	94.6		10	3.4
105-67-9	2,4-Dimethylphenol	85.4		10	2.5
111-91-1	Bis(2-chloroethoxy)methane	97.0		10	3.5
120-83-2	2,4-Dichlorophenol	98.4		10	2.8
91-20-3	Naphthalene	88.6		10	3.7
106-47-8	4-Chloroaniline	91.0		10	2.1
87-68-3	Hexachlorobutadiene	101		2.0	0.94
105-60-2	Caprolactam	31.6		10	0.50
59-50-7	4-Chloro-3-methylphenol	92.2		10	2.0
91-57-6	2-Methylnaphthalene	99.6		10	3.1
77-47-4	Hexachlorocyclopentadiene	82.2		10	4.6
88-06-2	2,4,6-Trichlorophenol	96.6		10	3.2
95-95-4	2,4,5-Trichlorophenol	93.5		10	2.5
91-58-7	2-Chloronaphthalene	85.4		10	3.8
88-74-4	2-Nitroaniline	82.6		20	5.7
131-11-3	Dimethyl phthalate	98.0		10	3.3
208-96-8	Acenaphthylene	84.2		10	4.0
606-20-2	2,6-Dinitrotoluene	89.0		2.0	0.59
99-09-2	3-Nitroaniline	79.5		20	4.3
83-32-9	Acenaphthene	85.6		10	3.8
51-28-5	2,4-Dinitrophenol	95.1		30	4.8
100-02-7	4-Nitrophenol	37.9		30	2.3
132-64-9	Dibenzofuran	90.0		10	3.6
121-14-2	2,4-Dinitrotoluene	92.6		2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1 MSD

Matrix: Water Lab File ID: s42622.d

Analysis Method: 8270C Date Collected: 05/08/2009 10:20

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 21:18

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	85.0		10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	95.3		10	3.9
86-73-7	Fluorene	98.0		10	3.3
100-01-6	4-Nitroaniline	77.6		20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	96.0		30	5.2
86-30-6	N-Nitrosodiphenylamine	92.5		10	3.9
101-55-3	4-Bromophenyl phenyl ether	105		10	3.9
118-74-1	Hexachlorobenzene	104		1.0	0.27
1912-24-9	Atrazine	95.2		10	4.8
87-86-5	Pentachlorophenol	109		30	5.1
85-01-8	Phenanthrene	90.8		10	3.6
120-12-7	Anthracene	90.5		10	3.6
86-74-8	Carbazole	83.7		10	3.1
84-74-2	Di-n-butyl phthalate	76.9		10	2.8
206-44-0	Fluoranthene	91.1		10	2.6
129-00-0	Pyrene	96.5		10	4.3
85-68-7	Butyl benzyl phthalate	81.6		10	2.8
91-94-1	3,3'-Dichlorobenzidine	83.5		20	7.0
56-55-3	Benzo[a]anthracene	93.9		1.0	0.27
218-01-9	Chrysene	95.2		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	68.3		10	2.4
117-84-0	Di-n-octyl phthalate	76.4		10	1.9
205-99-2	Benzo[b]fluoranthene	96.9		1.0	0.21
207-08-9	Benzo[k]fluoranthene	97.5		1.0	0.30
50-32-8	Benzo[a]pyrene	84.6		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	92.4		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	90.7		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	87.5		10	2.7
92-52-4	Diphenyl	88.4		10	5.4
106-44-5	4-Methylphenol	65.9		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	93.0		10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1 MSD

Matrix: Water Lab File ID: s42622.d

Analysis Method: 8270C Date Collected: 05/08/2009 10:20

Extract. Method: 3510C Date Extracted: 05/12/2009 18:40

Sample wt/vol: 1000(mL) Date Analyzed: 05/14/2009 21:18

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6657 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	59	19-66	
321-60-8	2-Fluorobiphenyl	90	53-110	
4165-62-2	Phenol-d5	40	13-44	
4165-60-0	Nitrobenzene-d5	100	49-114	
118-79-6	2,4,6-Tribromophenol	104	52-122	
1718-51-0	Terphenyl-d14	98	46-129	

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42622.d
Report Date: 15-May-2009 07:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42622.d
Lab Smp Id: 460-1570-A-1-B MSD Client Smp ID: GW-017338-050809-AC
Inj Date : 14-MAY-2009 21:18
Operator : BNAMS 4 Inst ID: BNAMS2.i
Smp Info : 460-1570-A-1-B MSD
Misc Info : 460-1570-A-1-B MSD
Comment   :
Method   : /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/8270C_08SP.m
Meth Date : 14-May-2009 15:46 croccom Quant Type: ISTD
Cal Date : 07-MAY-2009 05:37 Cal File: s42443.d
Als bottle: 28 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	2.722	2.723	(0.416)	246615	29.3106	59
	71 Pyridine	79	3.192	3.193	(0.487)	265134	12.6316	25
	19 N-Nitrosodimethylamine	74	3.200	3.208	(0.488)	423205	35.8852	72
$	16 2-Fluorophenol (SUR)	112	4.924	4.929	(0.752)	696773	29.3423	59
	110 Benzaldehyde	77	5.984	5.986	(0.913)	663940	52.0423	100
$	17 Phenol-d5 (SUR)	99	6.133	6.143	(0.936)	634901	19.8990	40
	1 Phenol	94	6.148	6.158	(0.938)	703910	23.2579	46(R)
	73 Aniline	93	6.171	6.173	(0.942)	1022782	30.1805	60
	20 bis(2-Chloroethyl)ether	93	6.245	6.248	(0.953)	1023175	50.6419	100
	2 2-Chlorophenol	128	6.313	6.315	(0.963)	913056	43.7968	88
	21 1,3-Dichlorobenzene	146	6.499	6.503	(0.992)	975577	42.6497	85
*	79 1,4-Dichlorobenzene-d4	152	6.552	6.549	(1.000)	619150	40.0000	
	22 1,4-Dichlorobenzene	146	6.575	6.571	(1.003)	896309	43.8064	88
	74 Benzyl Alcohol	108	6.769	6.773	(1.033)	692583	41.0482	82
	23 1,2-Dichlorobenzene	146	6.822	6.824	(1.041)	929967	43.6403	87

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42622.d
Report Date: 15-May-2009 07:56

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
	3 2-Methylphenol	108	6.942	6.950	(1.060)	892050	40.7616	82
	24 bis (2-chloroisopropyl) ether	45	6.965	6.973	(1.063)	989951	46.4771	93
	4 4-Methylphenol	108	7.145	7.153	(1.091)	741997	32.9718	66
	123 3 & 4 Methylphenol	108	7.145	7.153	(1.091)	741997	32.9351	66
	104 Acetophenone	105	7.138	7.146	(1.089)	1397229	58.7804	120(R)
	25 N-Nitroso-di-n-propylamine	70	7.176	7.183	(1.095)	698769	50.2579	100
	26 Hexachloroethane	117	7.243	7.243	(1.105)	419534	42.3587	85
$	76 Nitrobenzene-d5 (SUR)	82	7.347	7.355	(0.883)	1206148	49.9658	100
	107 N,N-Dimethylaniline	120	7.384	7.392	(1.127)	1162500	39.9830	80
	27 Nitrobenzene	77	7.376	7.385	(0.886)	1177362	46.3236	93
	28 Isophorone	82	7.684	7.691	(0.923)	2301374	47.2395	94
	5 2-Nitrophenol	139	7.812	7.817	(0.939)	634842	47.3120	95
	6 2,4-Dimethylphenol	122	7.872	7.877	(0.946)	859123	42.7111	85
	29 bis(2-Chloroethoxy)methane	93	8.000	8.004	(0.961)	1279239	48.5005	97
	15 Benzoic Acid	122	8.015	8.087	(0.963)	155169	12.3562	25
	7 2,4-Dichlorophenol	162	8.143	8.147	(0.978)	882633	49.1823	98
	30 1,2,4-Trichlorobenzene	180	8.256	8.266	(0.992)	853972	49.3194	99
*	80 Naphthalene-d8	136	8.323	8.319	(1.000)	2308053	40.0000	
	31 Naphthalene	128	8.353	8.357	(1.004)	2308594	44.2753	88
	32 4-Chloroaniline	127	8.451	8.462	(1.015)	1212767	45.4893	91
	33 Hexachlorobutadiene	225	8.594	8.597	(1.033)	393054	50.6281	100
	111 Caprolactam	113	8.931	8.993	(1.073)	158838	15.7823	32
	8 4-Chloro-3-methylphenol	107	9.148	9.156	(1.099)	965219	46.0897	92
	34 2-Methylnaphthalene	142	9.320	9.329	(1.120)	1857086	49.8208	100
	35 Hexachlorocyclopentadiene	237	9.651	9.649	(0.889)	371827	41.1234	82
	9 2,4,6-Trichlorophenol	196	9.771	9.778	(0.900)	595524	48.2868	96
	10 2,4,5-Trichlorophenol	196	9.832	9.838	(0.906)	600844	46.7511	94
$	77 2-Fluorobiphenyl (SUR)	172	9.877	9.884	(0.910)	1983940	44.8098	90
	102 Diphenyl	154	10.005	10.012	(0.922)	2152439	44.2024	88
	36 2-Chloronaphthalene	162	10.028	10.027	(0.924)	1661690	42.6767	85
	103 Diphenyl Ether	170	10.163	10.169	(0.936)	1282240	44.8541	90
	37 2-Nitroaniline	65	10.229	10.237	(0.942)	544559	41.2900	82
	38 Dimethylphthalate	163	10.521	10.524	(0.969)	2392377	49.0230	98
	40 2,6-Dinitrotoluene	165	10.633	10.637	(0.979)	552887	44.4973	89
	39 Acenaphthylene	152	10.633	10.637	(0.979)	2663708	42.0937	84
	41 3-Nitroaniline	138	10.835	10.839	(0.998)	633352	39.7505	80
*	82 Acenaphthene-d10	164	10.857	10.862	(1.000)	1595132	40.0000	
	42 Acenaphthene	154	10.902	10.907	(1.004)	1679678	42.7991	86
	11 2,4-Dinitrophenol	184	10.969	10.976	(1.010)	362135	47.5654	95
	12 4-Nitrophenol	65	11.066	11.080	(1.019)	213305	18.9299	38
	43 Dibenzofuran	168	11.127	11.133	(1.025)	2563058	45.0063	90
	44 2,4-Dinitrotoluene	165	11.187	11.194	(1.030)	817032	46.3112	93
	45 Diethylphthalate	149	11.539	11.539	(1.063)	2275554	42.4929	85
	46 4-Chlorophenyl-phenylether	204	11.621	11.622	(1.070)	873559	47.6468	95
	47 Fluorene	166	11.628	11.629	(1.071)	1860054	48.9799	98
	48 4-Nitroaniline	138	11.740	11.743	(1.081)	652256	38.8140	78
	13 4,6-Dinitro-2-methylphenol	198	11.786	11.788	(0.908)	426275	48.0231	96

Data File: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b/s42622.d
Report Date: 15-May-2009 07:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	49 N-Nitrosodiphenylamine	169	11.814	11.818	(0.910)	1537368	46.2326	92
	75 1,2-Diphenylhydrazine	77	11.845	11.849	(0.913)	2266580	41.3019	83
$	18 2,4,6-Tribromophenol (SUR)	330	12.002	12.005	(1.105)	301788	52.1931	100
	50 4-Bromophenyl-phenylether	248	12.316	12.320	(0.949)	469816	52.5914	100
	51 Hexachlorobenzene	284	12.533	12.537	(0.966)	549329	52.1858	100
	112 Atrazine	200	12.624	12.628	(0.973)	490146	47.6232	95
	115 n-Octadecane	57	12.316	12.764	(0.949)	2619	0.13411	0.27(a)
	14 Pentachlorophenol	266	12.796	12.802	(0.986)	379278	54.5454	110
*	83 Phenanthrene-d10	188	12.977	12.974	(1.000)	2421207	40.0000	
	52 Phenanthrene	178	13.007	13.012	(1.002)	2773863	45.4009	91
	53 Anthracene	178	13.075	13.080	(1.008)	2867980	45.2272	90
	54 Carbazole	167	13.314	13.320	(1.026)	2910164	41.8660	84
	55 Di-n-butylphthalate	149	13.859	13.864	(1.068)	3798704	38.4349	77
	56 Fluoranthene	202	14.730	14.732	(1.135)	3031669	45.5539	91
	58 Benzidine	184	14.918	14.928	(1.150)	154678	3.12550	6.2(a)
	57 Pyrene	202	15.059	15.063	(0.895)	3097123	48.2562	96
$	78 Terphenyl-d14	244	15.283	15.279	(0.908)	1821162	49.0355	98
	59 Butylbenzylphthalate	149	16.016	16.021	(0.952)	1874525	40.7772	82
	60 3,3'-Dichlorobenzidine	252	16.787	16.791	(0.997)	799113	41.7300	83
	61 Benzo(a)anthracene	228	16.794	16.799	(0.998)	2333001	46.9709	94
	63 bis(2-Ethylhexyl)phthalate	149	16.862	16.867	(1.002)	1796908	34.1670	68
*	81 Chrysene-d12	240	16.832	16.836	(1.000)	1855913	40.0000	
	62 Chrysene	228	16.877	16.882	(1.003)	1861824	47.6136	95
	64 Di-n-octylphthalate	149	17.913	17.917	(0.912)	4296366	38.1788	76
	65 Benzo(b)fluoranthene	252	18.775	18.787	(0.955)	2530310	48.4336	97
	66 Benzo(k)fluoranthene	252	18.842	18.846	(0.959)	2425295	48.7559	98
	67 Benzo(a)pyrene	252	19.492	19.516	(0.992)	1978288	42.2927	84
*	84 Perylene-d12	264	19.649	19.660	(1.000)	1607166	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	22.519	22.539	(1.146)	2348333	46.2057	92(M)
	69 Dibenz(a,h)anthracene	278	22.602	22.623	(1.150)	1917741	45.3569	91
	70 Benzo(g,h,i)perylene	276	23.347	23.370	(1.188)	1952361	43.7728	88

QC Flag Legend

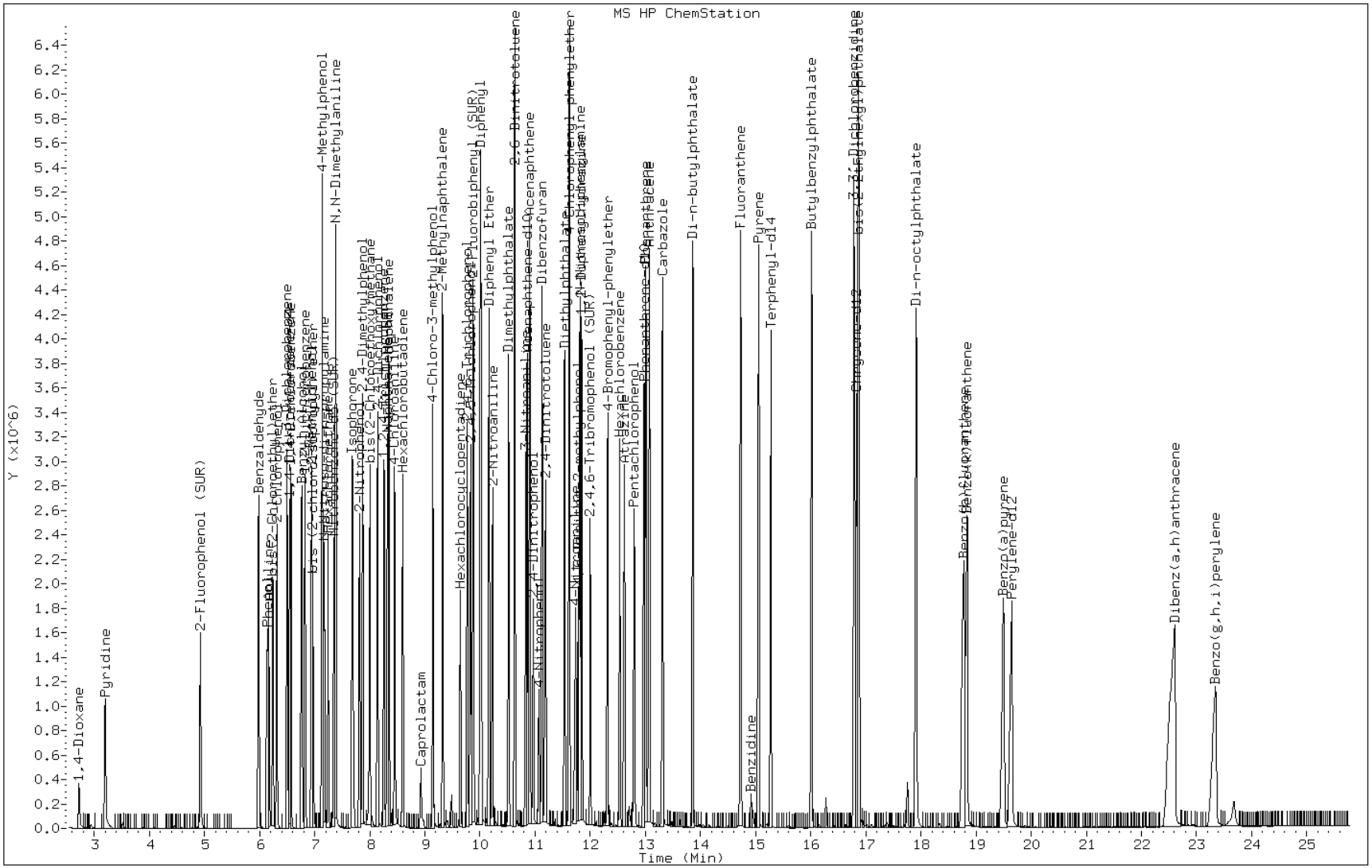
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: s42622.d

Date: 14-MAY-2009 21:18

Client ID: GW-017338-050809-AC Instrument: BNAMS2.i

Sample Info: 460-1570-A-1-B MSD Operator: BNAMS 4



Manual Integration Report

Data File: s42622.d
Inj. Date and Time: 14-MAY-2009 21:18
Instrument ID: BNAMS2.i
Client ID: GW-017338-050809-AC
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/17/2009

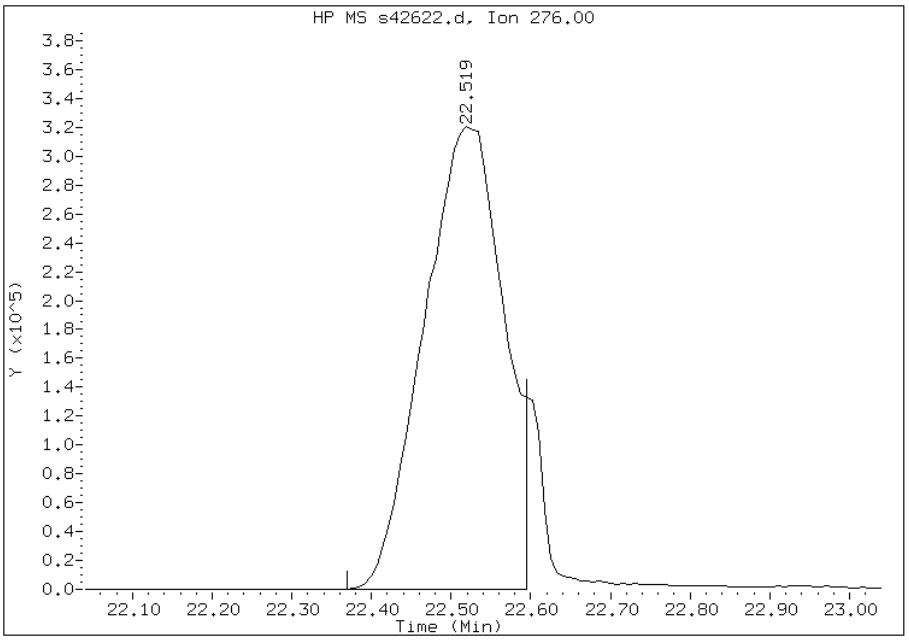
Processing Integration Results

RT: 22.52

Response: 2238613

Amount: 44

Conc: 88



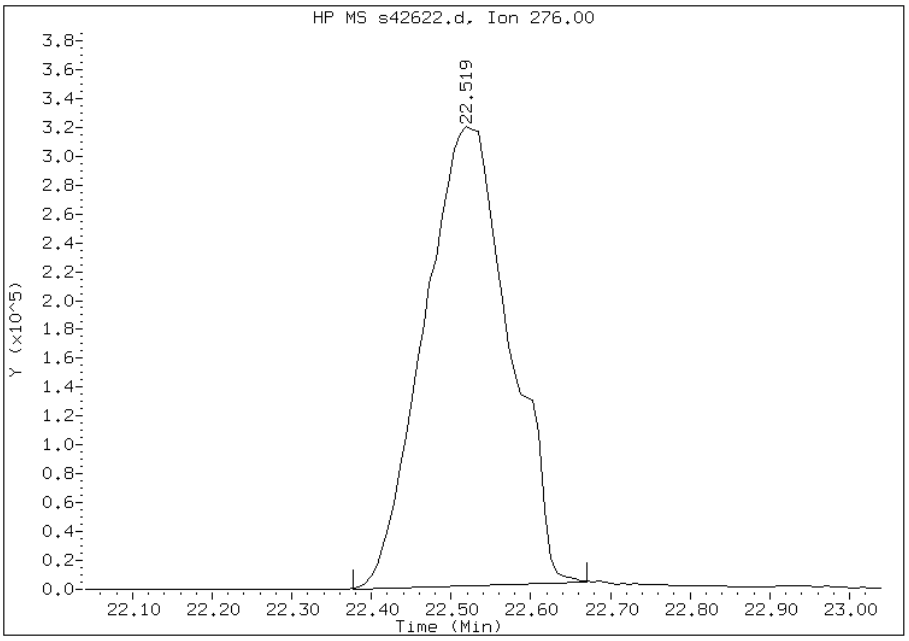
Manual Integration Results

RT: 22.52

Response: 2348333

Amount: 46

Conc: 92



Manually Integrated By: wahied
Manual Integration Reason:

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: BNAMS2 Start Date: 05/07/2009 02:21

Analysis Batch Number: 5686 End Date: 05/07/2009 05:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-5686/1		05/07/2009 02:21	1	s42437.d	Rtx-5MS 0.25(mm)
ICIS 460-5686/2		05/07/2009 02:46	1	s42438.d	Rtx-5MS 0.25(mm)
IC 460-5686/3		05/07/2009 03:20	1	s42439.d	Rtx-5MS 0.25(mm)
IC 460-5686/4		05/07/2009 03:54	1	s42440.d	Rtx-5MS 0.25(mm)
IC 460-5686/5		05/07/2009 04:29	1	s42441.d	Rtx-5MS 0.25(mm)
IC 460-5686/6		05/07/2009 05:03	1	s42442.d	Rtx-5MS 0.25(mm)
IC 460-5686/7		05/07/2009 05:37	1	s42443.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: BNAMS2 Start Date: 05/14/2009 14:33

Analysis Batch Number: 6657 End Date: 05/15/2009 01:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-6657/1		05/14/2009 14:33	1	s42611.d	Rtx-5MS 0.25(mm)
CCVIS 460-6657/2		05/14/2009 15:14	1	s42612.d	Rtx-5MS 0.25(mm)
ZZZZZ		05/14/2009 16:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/14/2009 16:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/14/2009 17:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/14/2009 17:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/14/2009 18:27	1		Rtx-5MS 0.25(mm)
MB 460-6177/1-A		05/14/2009 19:01	1	s42618.d	Rtx-5MS 0.25(mm)
LCS 460-6177/2-A		05/14/2009 19:35	1	s42619.d	Rtx-5MS 0.25(mm)
460-1570-1	GW-017338-050809-ACH-001	05/14/2009 20:10	1	s42620.d	Rtx-5MS 0.25(mm)
460-1570-1 MS	GW-017338-050809-ACH-001 MS	05/14/2009 20:44	1	s42621.d	Rtx-5MS 0.25(mm)
460-1570-1 MSD	GW-017338-050809-ACH-001 MSD	05/14/2009 21:18	1	s42622.d	Rtx-5MS 0.25(mm)
460-1570-2	GW-017338-050809-ACH-002	05/14/2009 21:52	1	s42623.d	Rtx-5MS 0.25(mm)
460-1570-3	GW-017338-050809-ACH-003	05/14/2009 22:27	1	s42624.d	Rtx-5MS 0.25(mm)
460-1570-4	GW-017338-050809-ACH-004	05/14/2009 23:01	1	s42625.d	Rtx-5MS 0.25(mm)
460-1570-5	GW-017338-050809-ACH-005	05/14/2009 23:35	1	s42626.d	Rtx-5MS 0.25(mm)
ZZZZZ		05/15/2009 00:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/15/2009 00:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/15/2009 01:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/15/2009 01:52	1		Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS2.i

Analytical Batch: /chem/BNAMS2.i/8270/05-07-09/07may09.b

Date Generated: 05/15/2009

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/07/09 0221	s42437.d	96	DFTPP-31845			0	0	1	2.0	all	4289	G
05/07/09 0246	s42438.d	1	ICIS-35719			1000	2	1	1.0	all	4365	G
05/07/09 0320	s42439.d	2	IC-35723			1000	2	1	1.0	all	4365	G
05/07/09 0354	s42440.d	3	IC-36753			1000	2	1	1.0	all	4367	G
05/07/09 0429	s42441.d	4	IC-35720			1000	2	1	1.0	all	4365	G
05/07/09 0503	s42442.d	5	IC-35718			1000	2	1	1.0	all	4365	G
05/07/09 0537	s42443.d	6	IC-35717			1000	2	1	1.0	all	4365	G
05/07/09 0612	s42444.d	7	icv	07may09		1000	1	1	1.0	all	4376	G

80% range good except for benzaldehyde benzidine

4 compounds outside QC limits

Signed: Michael Rocco Read and Understood by:

Date: 5/15/09 Date: 5-15-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS2.i

Analytical Batch: /chem/BNAMS2.i/8270T/05-07-09/14may09.b

Date Generated: 05/14/2009

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/14/09 0447	s42593.d	96	DFTPP-31845			0	0	1	2.0	all	4299	M
05/14/09 0506	s42594.d	96	DFTPP-31845			0	0	1	2.0	all	4299	C
05/14/09 0530	s42595.d	1	CCVIS-54342			1000	2	1	1.0	all	4378	C no benzaldehyde no benzidine
05/14/09 0604	s42596.d	2	MB 460-6111/1-A	14may09		250	2	1	1.0	jTCLP		C
05/14/09 0638	s42597.d	3	LCS 460-6111/2-A	14may09		250	2	1	1.0	jTCLP		C
05/14/09 0712	s42598.d	4	LB 460-6049/10-D	14may09		250	2	1	1.0	jTCLP		C
05/14/09 0746	s42599.d	5	460-1558-A-7-D	460-6111	05/12/09	250	2	1	1.0	jTCLP		C
05/14/09 0821	s42600.d	6	460-1558-A-7-B MS	460-6111	05/12/09	250	2	1	1.0	jTCLP		C
05/14/09 0855	s42601.d	7	460-1558-A-7-C MSD	460-6111	05/12/09	250	2	1	1.0	jTCLP		C
05/14/09 0929	s42602.d	8	460-1565-A-1-C	460-6111	05/12/09	250	2	1	1.0	jTCLP		C
05/14/09 1003	s42603.d	9	MB 460-6173/1-A	14may09		1000	2	1	1.0	all		C
05/14/09 1037	s42604.d	10	LCS 460-6173/2-A	14may09		1000	2	1	1.0	all		C
05/14/09 1112	s42605.d	11	460-1497-D-3-A	460-6173	05/12/09	950	2	1	1.0	all		C
05/14/09 1147	s42606.d	12	460-1497-A-3-A MS	460-6173	05/12/09	950	2	1	1.0	all		C

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS2.i

Analytical Batch: /chem/BNAMS2.i/8270T/05-07-09/14may09.b

Date Generated: 05/14/2009

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/14/09 1221	s42607.d	13	460-1497-A-3-B MSD	460-6173	05/12/09	950	2	1	1.0	all	-	6
05/14/09 1255	s42608.d	14	460-1497-D-5-A	460-6173	05/12/09	980	2	1	1.0	all	-	6
05/14/09 1330	s42609.d	15	460-1497-E-6-A	460-6173	05/12/09	1000	2	1	1.0	all	-	6
05/14/09 1404	s42610.d	16	460-1497-D-2-A	460-6173	05/12/09	950	2	1	1.0	all	-	6

Signed: Michael Mocu Read and Understood by: [signature]

Date: 5/14/09 Date: 5-16-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS2.i

Analytical Batch: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b

Date Generated: 05/15/2009

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/14/09 1433	s42611.d	17	DFTPP-31845			0	0	1	2.0	all	4095	a
05/14/09 1514	s42612.d	18	CCVIS-54342			1000	2	1	1.0	all	4378	a
05/14/09 1609	s42613.d	19	MB 460-6303/1-A	14may09a		1000	2	1	1.0	all		a
05/14/09 1643	s42614.d	20	LCS 460-6303/2-A	14may09a		1000	2	1	1.0	all		a
05/14/09 1718	s42615.d	21	460-1625-D-2-A	460-6303	05/13/09	900	2	1	1.0	all		a
05/14/09 1753	s42616.d	22	460-1625-C-2-A MS	460-6303	05/13/09	900	2	1	1.0	all		a
05/14/09 1827	s42617.d	23	460-1625-C-2-B MSD	460-6303	05/13/09	900	2	1	1.0	all		a
05/14/09 1901	s42618.d	24	MB 460-6177/1-A	14may09a		1000	2	1	1.0	all		a
05/14/09 1935	s42619.d	25	LCS 460-6177/2-A	14may09a		1000	2	1	1.0	all		a
05/14/09 2010	s42620.d	26	460-1570-B-1-A	460-6177	05/12/09	1000	2	1	1.0	all		a
05/14/09 2044	s42621.d	27	460-1570-A-1-A MS	460-6177	05/12/09	1000	2	1	1.0	all		a
05/14/09 2118	s42622.d	28	460-1570-A-1-B MSD	460-6177	05/12/09	1000	2	1	1.0	all		a
05/14/09 2152	s42623.d	29	460-1570-A-2-A	460-6177	05/12/09	1000	2	1	1.0	all		a
05/14/09 2227	s42624.d	30	460-1570-A-3-A	460-6177	05/12/09	1000	2	1	1.0	all		a

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS2.i

Analytical Batch: /chem/BNAMS2.i/8270T/05-07-09/14may09a.b

Date Generated: 05/15/2009

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/14/09 2301	s42625.d	31	460-1570-A-4-A	460-6177	05/12/09	1000	2	1	1.0	all		G
05/14/09 2335	s42626.d	32	460-1570-A-5-A	460-6177	05/12/09	1000	2	1	1.0	all		G
05/15/09 0009	s42627.d	33	460-1513-A-11-A	460-6177	05/12/09	1000	2	1	1.0	all		G
05/15/09 0044	s42628.d	34	460-1546-A-1-A	460-6177	05/12/09	1000	2	1	1.0	all		G
05/15/09 0118	s42629.d	35	460-1420-D-5-A	460-6173	05/12/09	970	2	1	1.0	all		RE
05/15/09 0152	s42630.d	36	460-1471-B-13-A	460-6173	05/12/09	900	2	1	1.0	all		G

Signed: _____ Read and Understood by: _____

Date: 5/15/09. Date: 5-16-09

Organic Prep Worksheet

Batch Number: 460-6177
Method: 3510C
Analyst: Huertas, Jaime

Date Open: May 12 2009 6:40PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00003
MB~460-6177/1		3510C, 8270C		7	1000 mL	2 mL	2	12	
LCS~460-6177/2		3510C, 8270C		7	1000 mL	2 mL	2	12	1 mL
460-1570-A-1~MS	GW-017338-050809-ACH-001	3510C, 8270C	T	7	1000 mL	2 mL	2	12	1 mL
460-1570-A-1~MSD	GW-017338-050809-ACH-001	3510C, 8270C	T	7	1000 mL	2 mL	2	12	1 mL
460-1513-A-11	FB-5		T	7	1000 mL	2 mL	2	12	
460-1546-A-1	GW-13		T	7	1000 mL	2 mL	2	12	
460-1570-B-1	GW-017338-050809-ACH-001	3510C, 8270C	T	7	1000 mL	2 mL	2	12	
460-1570-A-2	GW-017338-050809-ACH-002	3510C, 8270C	T	7	1000 mL	2 mL	2	12	
460-1570-A-3	GW-017338-050809-ACH-003	3510C, 8270C	T	7	1000 mL	2 mL	2	12	
460-1570-A-4	GW-017338-050809-ACH-004	3510C, 8270C	T	7	1000 mL	2 mL	2	12	
460-1570-A-5	GW-017338-050809-ACH-005	3510C, 8270C	T	7	1000 mL	2 mL	2	12	

Organic Prep Worksheet

Batch Number: 460-6177
Method: 3510C
Analyst: Huertas, Jaime

Date Open: May 12 2009 6:40PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	OP625/82SU_00002
MB~460-6177/1		3510C, 8270C		1 mL
LCS~460-6177/2		3510C, 8270C		1 mL
460-1570-A-1~MS	GW-017338-050809-ACH-001	3510C, 8270C	T	1 mL
460-1570-A-1~MSD	GW-017338-050809-ACH-001	3510C, 8270C	T	1 mL
460-1513-A-11	FB-5		T	1 mL
460-1546-A-1	GW-13		T	1 mL
460-1570-B-1	GW-017338-050809-ACH-001	3510C, 8270C	T	1 mL
460-1570-A-2	GW-017338-050809-ACH-002	3510C, 8270C	T	1 mL
460-1570-A-3	GW-017338-050809-ACH-003	3510C, 8270C	T	1 mL
460-1570-A-4	GW-017338-050809-ACH-004	3510C, 8270C	T	1 mL
460-1570-A-5	GW-017338-050809-ACH-005	3510C, 8270C	T	1 mL

Person's name who did the prep:	JH
Prep Solvent Name:	Mecl2
Prep Solvent Lot #:	H10E18
Prep Solvent Volume Used:	3 X 60 mL
Person's name who witnessed reagent drop:	JS
Acid used for pH adjustment:	H2sO4
Acid used for pH adjust Lot #:	G20022
Base used for pH adjustment:	NaoH
Base used for pH adjust Lot #:	OP075
Person's name who did the concentration:	JH
Concentration Start Time:	6:00pm
Concentration End Time:	8:00pm
Na2SO4 Lot Number:	G20609
Sufficient volume for MS/MSD?:	Y

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG No.:

Project: GM Wilmington

Client Sample ID	Lab Sample ID
GW-017338-050809-ACH-001	460-1570-1
GW-017338-050809-ACH-002	460-1570-2
GW-017338-050809-ACH-003	460-1570-3
GW-017338-050809-ACH-004	460-1570-4
GW-017338-050809-ACH-005	460-1570-5

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-050809-ACH-001 Lab Sample ID: 460-1570-1

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG ID.:

Matrix: Water Date Sampled: 05/08/2009 10:20

Reporting Basis: WET Date Received: 05/08/2009 20:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6220	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	278	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	51400	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.6	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	4.8	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	26.6	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	22900	150	40.2	ug/L			1	6010B
7439-92-1	Lead	4.5	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	25600	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	531	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	6.9	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	8570	5000	209	ug/L		B	1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.7	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	133000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	10.3	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	19.1	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.40	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-050809-ACH-002 Lab Sample ID: 460-1570-2

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG ID.:

Matrix: Water Date Sampled: 05/08/2009 11:40

Reporting Basis: WET Date Received: 05/08/2009 20:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1390	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	253	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	44700	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	5680	150	40.2	ug/L			1	6010B
7439-92-1	Lead	3.3	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	12100	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	420	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	6310	5000	209	ug/L		B	1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.2	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	193000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	3.3	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	6.8	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-050809-ACH-003 Lab Sample ID: 460-1570-3

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG ID.:

Matrix: Water Date Sampled: 05/08/2009 12:45

Reporting Basis: WET Date Received: 05/08/2009 20:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1180	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	491	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	49900	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	17.8	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	67100	150	40.2	ug/L			1	6010B
7439-92-1	Lead	3.4	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	32900	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1710	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	3620	5000	209	ug/L	J	B	1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	102000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.3	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-050809-ACH-004 Lab Sample ID: 460-1570-4

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG ID.:

Matrix: Water Date Sampled: 05/08/2009 12:50

Reporting Basis: WET Date Received: 05/08/2009 20:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1050	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	465	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	46600	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	16.1	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	63800	150	40.2	ug/L			1	6010B
7439-92-1	Lead	3.4	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	31300	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1620	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	3390	5000	209	ug/L	J	B	1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	98500	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.1	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-050809-ACH-005 Lab Sample ID: 460-1570-5

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG ID.:

Matrix: Water Date Sampled: 05/08/2009 13:15

Reporting Basis: WET Date Received: 05/08/2009 20:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	5.5	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	459	5000	72.2	ug/L	J		1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	229	5000	56.9	ug/L	J		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	5000	5000	209	ug/L	U		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	901	5000	341	ug/L	J		1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.2	50.0	2.0	ug/L	J	B	1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

ICV Source: ME_CCV_T2_00004 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00004

Analyte	ICV 460-6354/5 05/13/2009 16:44				CCV 460-6354/17 05/13/2009 17:59				CCV 460-6354/29 05/13/2009 19:14			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1240		1250	100	1250		1250	100	1240		1250	100
Al	125000		125000	100	126000		125000	101	125000		125000	100
As	5050		5000	101	5070		5000	101	5050		5000	101
Ba	9930		10000	99	10000		10000	100	9970		10000	100
Be	1000		1000	100	1000		1000	100	994		1000	99
Ca	125000		125000	100	125000		125000	100	125000		125000	100
Cd	2510		2500	100	2510		2500	100	2490		2500	100
Co	2500		2500	100	2500		2500	100	2480		2500	99
Cr	5000		5000	100	5010		5000	100	4980		5000	100
Cu	12400		12500	99	12600		12500	101	12400		12500	100
Fe	99900		100000	100	100000		100000	100	99400		100000	99
K	51700		50000	103	52600		50000	105	52300		50000	105
Mg	125000		125000	100	126000		125000	101	125000		125000	100
Mn	4980		5000	100	5000		5000	100	4960		5000	99
Na	124000		125000	99	126000		125000	101	125000		125000	100
Ni	2500		2500	100	2500		2500	100	2490		2500	99
Pb	10000		10000	100	10100		10000	101	10000		10000	100
Sb	1010		1000	101	1010		1000	101	1010		1000	101
Se	5100		5000	102	5120		5000	102	5090		5000	102
Tl	5020		5000	100	5070		5000	101	5010		5000	100
V	2480		2500	99	2500		2500	100	2470		2500	99
Zn	2520		2500	101	2500		2500	100	2480		2500	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

ICV Source: ME_CCV_T2_00004 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00004

Analyte	CCV 460-6354/41 05/13/2009 20:28				CCV 460-6354/47 05/13/2009 21:06							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1230		1250	98	1230		1250	99				
Al	123000		125000	98	123000		125000	99				
As	4950		5000	99	5000		5000	100				
Ba	9830		10000	98	9880		10000	99				
Be	976		1000	98	983		1000	98				
Ca	122000		125000	98	123000		125000	99				
Cd	2450		2500	98	2460		2500	99				
Co	2430		2500	97	2450		2500	98				
Cr	4880		5000	98	4910		5000	98				
Cu	12200		12500	98	12300		12500	98				
Fe	97600		100000	98	98600		100000	99				
K	51600		50000	103	51900		50000	104				
Mg	123000		125000	98	123000		125000	99				
Mn	4880		5000	98	4910		5000	98				
Na	123000		125000	99	124000		125000	99				
Ni	2440		2500	98	2460		2500	98				
Pb	9850		10000	98	9920		10000	99				
Sb	993		1000	99	1000		1000	100				
Se	5010		5000	100	5050		5000	101				
Tl	4910		5000	98	4940		5000	99				
V	2420		2500	97	2420		2500	97				
Zn	2440		2500	98	2460		2500	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

ICV Source: ME_T3_CCV_00002 Concentration Units: ug/L

CCV Source: ME_T3_CCV_00002

Analyte	ICV 460-6352/5 05/13/2009 12:39				CCV 460-6352/36 05/13/2009 16:33				CCV 460-6352/48 05/13/2009 17:54			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1220		1250	98	1220		1250	98	1210		1250	97
Al	123000		125000	98	125000		125000	100	125000		125000	100
As	4930		5000	99	4990		5000	100	5020		5000	100
Ba	9770		10000	98	9880		10000	99	9800		10000	98
Be	981		1000	98	966		1000	97	963		1000	96
Ca	122000		125000	98	121000		125000	97	122000		125000	97
Cd	2460		2500	99	2450		2500	98	2460		2500	98
Co	2430		2500	97	2470		2500	99	2480		2500	99
Cr	4850		5000	97	4850		5000	97	4860		5000	97
Cu	12100		12500	97	12300		12500	98	12200		12500	97
Fe	97300		100000	97	96700		100000	97	96800		100000	97
K	49600		50000	99	50900		50000	102	50700		50000	101
Mg	122000		125000	98	122000		125000	97	120000		125000	96
Mn	4880		5000	98	4820		5000	96	4830		5000	97
Na	121000		125000	97	123000		125000	98	122000		125000	98
Ni	2430		2500	97	2460		2500	98	2470		2500	99
Pb	9770		10000	98	9820		10000	98	9820		10000	98
Sb	966		1000	97	973		1000	97	965		1000	97
Se	4960		5000	99	5020		5000	100	5000		5000	100
Tl	4920		5000	98	5030		5000	101	5050		5000	101
V	2430		2500	97	2410		2500	96	2400		2500	96
Zn	7100		7500	95	6980		7500	93	7000		7500	93

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

ICV Source: ME_T3_CCV_00002 Concentration Units: ug/L

CCV Source: ME_T3_CCV_00002

Analyte	CCV 460-6352/68 05/13/2009 20:11											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1210		1250	97								
Al	124000		125000	99								
As	5080		5000	102								
Ba	9660		10000	97								
Be	972		1000	97								
Ca	124000		125000	99								
Cd	2520		2500	101								
Co	2530		2500	101								
Cr	4930		5000	99								
Cu	12000		12500	96								
Fe	98100		100000	98								
K	50300		50000	101								
Mg	121000		125000	97								
Mn	4840		5000	97								
Na	121000		125000	97								
Ni	2530		2500	101								
Pb	9970		10000	100								
Sb	949		1000	95								
Se	5040		5000	101								
Tl	5170		5000	103								
V	2390		2500	96								
Zn	7180		7500	96								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

ICV Source: ME_DICV-IN_00028 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00029

Analyte	CCV 460-6217/7-A 05/13/2009 11:28				ICV 460-6217/8-A 05/13/2009 11:32				CCV 460-6217/7-A 05/13/2009 11:53			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	4.9		5.00	99	5.0		5.00	100	5.3		5.00	105

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

ICV Source: ME_DICV-IN_00028 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00029

Analyte	CCV 460-6217/7-A 05/13/2009 12:17											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.3		5.00	107								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-6354/6 05/13/2009 16:50		CCB 460-6354/18 05/13/2009 18:05		CCB 460-6354/30 05/13/2009 19:20		CCB 460-6354/42 05/13/2009 20:35	
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Al	200	200	U	200	U	200	U	200	U
As	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Ba	200	200	U	200	U	200	U	200	U
Be	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Ca	5000	5000	U	5000	U	5000	U	5000	U
Cd	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Co	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Cr	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cu	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Fe	150	150	U	150	U	150	U	150	U
K	5000	243	J	225	J	209	J	224	J
Mg	5000	5000	U	5000	U	5000	U	5000	U
Mn	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Na	5000	5000	U	5000	U	5000	U	5000	U
Ni	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Pb	5.0	3.0	J	5.0	U	5.0	U	5.0	U
Sb	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Se	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Tl	10.0	5.0	J	5.3	J	10.0	U	4.7	J
V	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zn	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-6354/48 05/13/2009 21:12							
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U						
Al	200	200	U						
As	5.0	5.0	U						
Ba	200	200	U						
Be	2.0	2.0	U						
Ca	5000	5000	U						
Cd	5.0	5.0	U						
Co	50.0	50.0	U						
Cr	10.0	10.0	U						
Cu	25.0	25.0	U						
Fe	150	150	U						
K	5000	219	J						
Mg	5000	5000	U						
Mn	15.0	15.0	U						
Na	5000	5000	U						
Ni	40.0	40.0	U						
Pb	5.0	5.0	U						
Sb	10.0	10.0	U						
Se	10.0	10.0	U						
Tl	10.0	10.0	U						
V	50.0	50.0	U						
Zn	30.0	30.0	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-6352/6 05/13/2009 12:46		CCB 460-6352/37 05/13/2009 16:39		CCB 460-6352/49 05/13/2009 18:01		CCB 460-6352/69 05/13/2009 20:17	
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Al	200	200	U	200	U	200	U	200	U
As	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Ba	200	200	U	200	U	200	U	200	U
Be	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Ca	5000	5000	U	5000	U	5000	U	5000	U
Cd	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Co	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Cr	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cu	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Fe	150	150	U	150	U	150	U	150	U
K	5000	5000	U	5000	U	5000	U	5000	U
Mg	5000	5000	U	5000	U	5000	U	5000	U
Mn	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Na	5000	5000	U	5000	U	5000	U	5000	U
Ni	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Pb	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Sb	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Se	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Tl	10.0	10.0	U	10.0	U	10.0	U	10.0	U
V	50.0	50.0	U	3.1	J	3.6	J	4.4	J
Zn	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-6259/8 05/13/2009 11:30		CCB 460-6259/21 05/13/2009 11:56		CCB 460-6259/32 05/13/2009 12:19			
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-6220/1-A

Instrument Code: ICP3 Batch No.: 6352

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	3.0	J		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-6076/1-A

Instrument Code: ICP2 Batch No.: 6354

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	229	J		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-6217/9-A

Instrument Code: LEEMAN5 Batch No.: 6259

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: ICSA 460-6354/7 Instrument ID: ICP2

Lab File ID: 6076V1 ICS Source: ME_T2_ICSA_00001

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.574**	
Al	**500000**	**471665**	**94**
As		**-2.64**	
Ba		**1.05**	
Be		**-0.0873**	
Ca	**500000**	**469161**	**94**
Cd		**1.50**	
Co		**2.41**	
Cr		**1.03**	
Cu		**4.06**	
Fe	**200000**	**201910**	**101**
K		**263**	
Mg	**500000**	**529497**	**106**
Mn		**-1.33**	
Na		**150**	
Ni		**-0.235**	
Pb		**3.10**	
Sb		**-1.43**	
Se		**-6.04**	
Tl		**-4.77**	
V		**2.99**	
Zn		**2.85**	
B		*0.698*	
Mo		*-0.743*	
Sn		*0.0253*	
Ti		*-3.82*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: ICSAB 460-6354/8 Instrument ID: ICP2

Lab File ID: 6076V1 ICS Source: ME_T2_ICAB_00001

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**102**	**102**
Al	**500000**	**462962**	**93**
As	**100**	**102**	**102**
Ba	**100**	**108**	**108**
Be	**100**	**99.5**	**99**
Ca	**500000**	**462951**	**93**
Cd	**100**	**98.9**	**99**
Co	**100**	**98.7**	**99**
Cr	**100**	**99.8**	**100**
Cu	**100**	**108**	**108**
Fe	**200000**	**199392**	**100**
K	**10000**	**11187**	**112**
Mg	**500000**	**519583**	**104**
Mn	**100**	**98.7**	**99**
Na	**10000**	**10085**	**101**
Ni	**100**	**96.2**	**96**
Pb	**100**	**100**	**100**
Sb	**100**	**104**	**104**
Se	**100**	**96.4**	**96**
Tl	**100**	**90.2**	**90**
V	**100**	**100.0**	**100**
Zn	**100**	**100**	**100**
B	*100*	*101*	*101*
Mo	*100*	*98.0*	*98*
Sn	*100*	*103*	*103*
Ti	*100*	*98.4*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: ICSA 460-6354/45 Instrument ID: ICP2

Lab File ID: 6076V1 ICS Source: ME_T2_ICSA_00001

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.271**	
Al	**500000**	**466514**	**93**
As		**-0.200**	
Ba		**0.745**	
Be		**-0.192**	
Ca	**500000**	**467864**	**94**
Cd		**1.23**	
Co		**2.30**	
Cr		**0.763**	
Cu		**2.84**	
Fe	**200000**	**201702**	**101**
K		**248**	
Mg	**500000**	**524596**	**105**
Mn		**-1.24**	
Na		**66.1**	
Ni		**3.23**	
Pb		**1.99**	
Sb		**2.68**	
Se		**-6.14**	
Tl		**-5.33**	
V		**3.28**	
Zn		**4.54**	
B		*0.311*	
Mo		*-0.814*	
Sn		*0.856*	
Ti		*-4.48*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: ICSAB 460-6354/46 Instrument ID: ICP2

Lab File ID: 6076V1 ICS Source: ME_T2_ICAB_00001

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**101**	**101**
Al	**500000**	**456650**	**91**
As	**100**	**95.1**	**95**
Ba	**100**	**106**	**106**
Be	**100**	**98.2**	**98**
Ca	**500000**	**457995**	**92**
Cd	**100**	**97.5**	**97**
Co	**100**	**97.2**	**97**
Cr	**100**	**98.1**	**98**
Cu	**100**	**105**	**105**
Fe	**200000**	**197152**	**99**
K	**10000**	**11115**	**111**
Mg	**500000**	**511407**	**102**
Mn	**100**	**97.2**	**97**
Na	**10000**	**9974**	**100**
Ni	**100**	**95.0**	**95**
Pb	**100**	**101**	**101**
Sb	**100**	**99.9**	**100**
Se	**100**	**95.2**	**95**
Tl	**100**	**91.1**	**91**
V	**100**	**98.1**	**98**
Zn	**100**	**98.5**	**99**
B	*100*	*99.1*	*99*
Mo	*100*	*95.9*	*96*
Sn	*100*	*99.2*	*99*
Ti	*100*	*96.8*	*97*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: ICSA 460-6352/22 Instrument ID: ICP3

Lab File ID: 5953 ICS Source: ME_ICSA_T3_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.763**	
Al	**500000**	**481286**	**96**
As		**-2.61**	
Ba		**-1.56**	
Be		**-0.805**	
Ca	**500000**	**475437**	**95**
Cd		**-1.26**	
Co		**2.47**	
Cr		**2.37**	
Cu		**-2.07**	
Fe	**200000**	**201185**	**101**
K		**-56.2**	
Mg	**500000**	**527540**	**106**
Mn		**-0.547**	
Na		**68.4**	
Ni		**3.23**	
Pb		**-0.871**	
Sb		**-6.38**	
Se		**-0.906**	
Tl		**-0.124**	
V		**5.54**	
Zn		**5.66**	
B		*1.81*	
Mo		*-1.91*	
Sn		*-2.15*	
Sr		*-7.10*	
Ti		*-0.990*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: ICSAB 460-6352/23 Instrument ID: ICP3

Lab File ID: 5953 ICS Source: ME_ICAB_T3_00003

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**99.9**	**100**
Al	**500000**	**475286**	**95**
As	**100**	**98.1**	**98**
Ba	**100**	**103**	**103**
Be	**100**	**95.7**	**96**
Ca	**500000**	**471789**	**94**
Cd	**100**	**93.5**	**93**
Co	**100**	**96.5**	**96**
Cr	**100**	**96.8**	**97**
Cu	**100**	**99.3**	**99**
Fe	**200000**	**199388**	**100**
K	**10000**	**10888**	**109**
Mg	**500000**	**519610**	**104**
Mn	**100**	**97.1**	**97**
Na	**10000**	**10249**	**102**
Ni	**100**	**96.5**	**96**
Pb	**100**	**95.6**	**96**
Sb	**100**	**93.8**	**94**
Se	**100**	**95.7**	**96**
Tl	**100**	**90.7**	**91**
V	**100**	**100**	**100**
Zn	**100**	**102**	**102**
B	*100*	*100*	*100*
Mo	*100*	*92.5*	*92*
Sn	*100*	*96.2*	*96*
Sr	*100*	*97.4*	*97*
Ti	*100*	*97.0*	*97*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: ICSA 460-6352/66 Instrument ID: ICP3

Lab File ID: 5953 ICS Source: ME_ICSA_T3_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.988**	
Al	**500000**	**480418**	**96**
As		**-1.67**	
Ba		**-1.55**	
Be		**-0.970**	
Ca	**500000**	**456850**	**91**
Cd		**-2.28**	
Co		**1.86**	
Cr		**1.63**	
Cu		**-3.90**	
Fe	**200000**	**196131**	**98**
K		**-92.4**	
Mg	**500000**	**510433**	**102**
Mn		**-0.732**	
Na		**46.4**	
Ni		**1.25**	
Pb		**-0.927**	
Sb		**1.31**	
Se		**-1.94**	
Tl		**-1.06**	
V		**8.21**	
Zn		**4.53**	
B		*0.0365*	
Mo		*-2.95*	
Sn		*-0.992*	
Sr		*-6.64*	
Ti		*-1.04*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Lab Sample ID: ICSAB 460-6352/67 Instrument ID: ICP3

Lab File ID: 5953 ICS Source: ME_ICAB_T3_00003

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**97.0**	**97**
Al	**500000**	**470318**	**94**
As	**100**	**97.7**	**98**
Ba	**100**	**101**	**101**
Be	**100**	**92.7**	**93**
Ca	**500000**	**459670**	**92**
Cd	**100**	**91.6**	**92**
Co	**100**	**96.7**	**97**
Cr	**100**	**95.9**	**96**
Cu	**100**	**95.7**	**96**
Fe	**200000**	**195617**	**98**
K	**10000**	**10920**	**109**
Mg	**500000**	**504867**	**101**
Mn	**100**	**94.6**	**95**
Na	**10000**	**10155**	**102**
Ni	**100**	**97.3**	**97**
Pb	**100**	**93.8**	**94**
Sb	**100**	**92.9**	**93**
Se	**100**	**94.9**	**95**
Tl	**100**	**93.4**	**93**
V	**100**	**99.8**	**100**
Zn	**100**	**98.1**	**98**
B	*100*	*99.4*	*99*
Mo	*100*	*90.0*	*90*
Sn	*100*	*95.7*	*96*
Sr	*100*	*96.1*	*96*
Ti	*100*	*96.9*	*97*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-017338-050809-ACH-001 MS Lab ID: 460-1570-1 MS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	11120		6220		2000	245	75-125		6010B
Antimony	479		10.0	U	500	96	75-125		6010B
Arsenic	1930		5.0	U	2000	96	75-125		6010B
Barium	2290		278		2000	101	75-125		6010B
Beryllium	49.5		2.0	U	50.0	99	75-125		6010B
Cadmium	48.9		5.0	U	50.0	98	75-125		6010B
Calcium	72320		51400		20000	104	75-125		6010B
Chromium	209		10.6		200	99	75-125		6010B
Cobalt	490		4.8	J	500	97	75-125		6010B
Copper	274		26.6		250	99	75-125		6010B
Iron	23600		22900		1000	68	75-125	4	6010B
Lead	491		4.5	J	500	97	75-125		6010B
Magnesium	45470		25600		20000	99	75-125		6010B
Manganese	1040		531		500	102	75-125		6010B
Nickel	496		6.9	J	500	98	75-125		6010B
Potassium	29500		8570		20000	105	75-125		6010B
Selenium	1920		10.0	U	2000	96	75-125		6010B
Silver	47.8		1.7	J	50.0	92	75-125		6010B
Sodium	154100		133000		20000	103	75-125	4	6010B
Thallium	1930		10.0	U	2000	97	75-125		6010B
Vanadium	499		10.3	J	500	98	75-125		6010B
Zinc	518		19.1	J	500	100	75-125		6010B
Mercury	1.49		0.40		1.00	109	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-017338-050809-ACH-005 MS Lab ID: 460-1570-5 MS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2080		200	U	2000	104	75-125		6010B
Antimony	495		10.0	U	500	99	75-125		6010B
Arsenic	2100		5.0	U	2000	105	75-125		6010B
Barium	2030		5.5	J	2000	101	75-125		6010B
Beryllium	51.4		2.0	U	50.0	103	75-125		6010B
Cadmium	53.2		5.0	U	50.0	106	75-125		6010B
Calcium	21640		459	J	20000	106	75-125		6010B
Chromium	206		10.0	U	200	103	75-125		6010B
Cobalt	519		50.0	U	500	104	75-125		6010B
Copper	244		25.0	U	250	97	75-125		6010B
Iron	1060		150	U	1000	106	75-125		6010B
Lead	517		5.0	U	500	103	75-125		6010B
Magnesium	20270		229	J	20000	100	75-125		6010B
Manganese	518		15.0	U	500	104	75-125		6010B
Nickel	528		40.0	U	500	106	75-125		6010B
Potassium	21470		5000	U	20000	107	75-125		6010B
Selenium	2150		10.0	U	2000	108	75-125		6010B
Silver	48.5		10.0	U	50.0	97	75-125		6010B
Sodium	20450		901	J	20000	98	75-125		6010B
Thallium	2130		10.0	U	2000	106	75-125		6010B
Vanadium	502		2.2	J	500	100	75-125		6010B
Zinc	519		30.0	U	500	104	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

6-IN
DUPLICATES
METALS

Client ID: GW-017338-050809-ACH-001 DU Lab ID: 460-1570-1 DU

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	200	6220		6190		1		6010B
Antimony	10.0	10.0	U	10.0	U	NC		6010B
Arsenic	5.0	5.0	U	4.44	J	NC		6010B
Barium	200	278		282		1		6010B
Beryllium	2.0	2.0	U	2.0	U	NC		6010B
Cadmium	5.0	5.0	U	5.0	U	NC		6010B
Calcium	5000	51400		53020		3		6010B
Chromium	10.0	10.6		11.1		5		6010B
Cobalt	50.0	4.8	J	4.71	J	3		6010B
Copper	25.0	26.6		29.2		9		6010B
Iron	150	22900		23340		2		6010B
Lead	5.0	4.5	J	3.13	J	37		6010B
Magnesium	5000	25600		26220		2		6010B
Manganese	15.0	531		544		3		6010B
Nickel	40.0	6.9	J	7.46	J	8		6010B
Potassium	5000	8570		8680		1		6010B
Selenium	10.0	10.0	U	10.0	U	NC		6010B
Silver	10.0	1.7	J	10.0	U	NC		6010B
Sodium	5000	133000		135800		2		6010B
Thallium	10.0	10.0	U	10.0	U	NC		6010B
Vanadium	50.0	10.3	J	10.6	J	3		6010B
Zinc	30.0	19.1	J	42.7		76		6010B
Mercury	0.20	0.40		0.398		1		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: GW-017338-050809-ACH-005 DU Lab ID: 460-1570-5 DU

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	200	200	U	200	U	NC		6010B
Antimony	10.0	10.0	U	10.0	U	NC		6010B
Arsenic	5.0	5.0	U	5.0	U	NC		6010B
Barium	200	5.5	J	5.38	J	2		6010B
Beryllium	2.0	2.0	U	2.0	U	NC		6010B
Cadmium	5.0	5.0	U	5.0	U	NC		6010B
Calcium	5000	459	J	455	J	1		6010B
Chromium	10.0	10.0	U	10.0	U	NC		6010B
Cobalt	50.0	50.0	U	50.0	U	NC		6010B
Copper	25.0	25.0	U	25.0	U	NC		6010B
Iron	150	150	U	150	U	NC		6010B
Lead	5.0	5.0	U	5.0	U	NC		6010B
Magnesium	5000	229	J	225	J	1		6010B
Manganese	15.0	15.0	U	15.0	U	NC		6010B
Nickel	40.0	40.0	U	40.0	U	NC		6010B
Potassium	5000	5000	U	5000	U	NC		6010B
Selenium	10.0	10.0	U	10.0	U	NC		6010B
Silver	10.0	10.0	U	10.0	U	NC		6010B
Sodium	5000	901	J	861	J	5		6010B
Thallium	10.0	10.0	U	10.0	U	NC		6010B
Vanadium	50.0	2.2	J	2.30	J	2		6010B
Zinc	30.0	30.0	U	30.0	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-6220/2-A

Lab Name: TestAmerica Edison Job No.: 460-1570-1

Sample Matrix: Water LCS Source: ME_LCS-int_00013

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2110		106	80	120		6010B
Antimony	500	497		99	80	120		6010B
Arsenic	2000	2070		104	80	120		6010B
Barium	2000	2060		103	80	120		6010B
Beryllium	50.0	51.3		103	80	120		6010B
Cadmium	50.0	54.0		108	80	120		6010B
Calcium	20000	21330		107	80	120		6010B
Chromium	200	213		107	80	120		6010B
Cobalt	500	524		105	80	120		6010B
Copper	250	249		100	80	120		6010B
Iron	1000	1070		107	80	120		6010B
Lead	500	519		104	80	120		6010B
Magnesium	20000	19870		99	80	120		6010B
Manganese	500	525		105	80	120		6010B
Nickel	500	534		107	80	120		6010B
Potassium	20000	21660		108	80	120		6010B
Selenium	2000	2040		102	80	120		6010B
Silver	50.0	48.7		97	80	120		6010B
Sodium	20000	19820		99	80	120		6010B
Thallium	2000	2120		106	80	120		6010B
Vanadium	500	511		102	80	120		6010B
Zinc	500	528		106	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-6076/2-A

Lab Name: TestAmerica Edison Job No.: 460-1570-1

Sample Matrix: Water LCS Source: ME_LCS-int_00012

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2140		107	80	120		6010B
Antimony	500	510		102	80	120		6010B
Arsenic	2000	2040		102	80	120		6010B
Barium	2000	2120		106	80	120		6010B
Beryllium	50.0	52.4		105	80	120		6010B
Cadmium	50.0	52.7		105	80	120		6010B
Calcium	20000	21400		107	80	120		6010B
Chromium	200	214		107	80	120		6010B
Cobalt	500	515		103	80	120		6010B
Copper	250	258		103	80	120		6010B
Iron	1000	1090		109	80	120		6010B
Lead	500	522		104	80	120		6010B
Magnesium	20000	20000		100	80	120		6010B
Manganese	500	535		107	80	120		6010B
Nickel	500	521		104	80	120		6010B
Potassium	20000	21460		107	80	120		6010B
Selenium	2000	2020		101	80	120		6010B
Silver	50.0	49.8		100	80	120		6010B
Sodium	20000	19940		100	80	120		6010B
Thallium	2000	2050		102	80	120		6010B
Vanadium	500	522		104	80	120		6010B
Zinc	500	539		108	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-6217/10-A

Lab Name: TestAmerica Edison Job No.: 460-1570-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_00029

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	1.02		102	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-1570-1

SDG No:

Lab Name: TestAmerica Edison Job No: 460-1570-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	6220		6220		0.09		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	5.0	U	25.0	U	NC		6010B
Barium	278		272	J	2.2		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	51400		52900		2.8		6010B
Chromium	10.6		16.4	J	NC		6010B
Cobalt	4.8	J	250	U	NC		6010B
Copper	26.6		29.2	J	NC		6010B
Iron	22900		23600		2.9		6010B
Lead	4.5	J	25.0	U	NC		6010B
Magnesium	25600		25500		0.43		6010B
Manganese	531		537		1.2		6010B
Nickel	6.9	J	200	U	NC		6010B
Potassium	8570		8750	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	1.7	J	50.0	U	NC		6010B
Sodium	133000		132000		1.2		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	10.3	J	11.8	J	NC		6010B
Zinc	19.1	J	150	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-1570-5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-1570-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	200	U	200	U	NC		6010B
Antimony	10.0	U	10.0	U	NC		6010B
Arsenic	5.0	U	5.0	U	NC		6010B
Barium	5.5	J	200	U	NC		6010B
Beryllium	2.0	U	2.0	U	NC		6010B
Cadmium	5.0	U	5.0	U	NC		6010B
Calcium	459	J	88.1	J	NC		6010B
Chromium	10.0	U	10.0	U	NC		6010B
Cobalt	50.0	U	50.0	U	NC		6010B
Copper	25.0	U	25.0	U	NC		6010B
Iron	150	U	150	U	NC		6010B
Lead	5.0	U	5.0	U	NC		6010B
Magnesium	229	J	5000	U	NC		6010B
Manganese	15.0	U	15.0	U	NC		6010B
Nickel	40.0	U	40.0	U	NC		6010B
Potassium	5000	U	5000	U	NC		6010B
Selenium	10.0	U	10.0	U	NC		6010B
Silver	10.0	U	10.0	U	NC		6010B
Sodium	901	J	5000	U	NC		6010B
Thallium	10.0	U	10.0	U	NC		6010B
Vanadium	2.2	J	2.9	J	NC		6010B
Zinc	30.0	U	30.0	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-1520-E-13-E SD

SDG No:

Lab Name: TestAmerica Edison Job No: 460-1570-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	36400		37800		3.8		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	5.0	U	25.0	U	NC		6010B
Barium	256		259	J	1.4		6010B
Beryllium	1.3	J	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	6310		6470	J	2.5		6010B
Chromium	50.1		54.0		NC		6010B
Cobalt	50.0	U	250	U	NC		6010B
Copper	30.8		31.8	J	NC		6010B
Iron	13800		14200		3.3		6010B
Lead	11.6		25.0	U	NC		6010B
Magnesium	1060	J	1100	J	NC		6010B
Manganese	58.7		60.2	J	NC		6010B
Nickel	15.6	J	200	U	NC		6010B
Potassium	3530	J	4290	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	10.0	U	50.0	U	NC		6010B
Sodium	3830	J	4750	J	NC		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	37.2	J	39.4	J	NC		6010B
Zinc	123		125	J	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG Number:

Matrix: Water Instrument ID: ICP2

Analysis Method: 6010B MDL Date: 12/30/2008 09:37

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG Number:

Matrix: Water Instrument ID: ICP3

Analysis Method: 6010B MDL Date: 12/30/2008 09:37

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN5

Analysis Method: 7470A MDL Date: 12/30/2008 14:28

Prep Method: 7470A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.185

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	Al	B	Ba	Ca	Co	Cr	Fe	K	Mg	Mn	Mo	Ni	Ti	Tl
Aluminum	308.22														
Antimony	206.84														
Arsenic	189.04		0.0001740				0.0001040					0.0004160		0.0001080	0.0001080
Barium	493.40														
Beryllium	313.04													-0.0000510	-0.0000510
Bismuth															
Boron															
Cadmium	226.50							0.0000690							
Calcium	317.93														
Chromium	267.72	0.000020													
Cobalt	228.62											-0.001360		0.0020970	0.0020970
Copper	324.75							0.000005							
Gold															
Iron	271.44	0.0000450				0.0871100	0.0022660					0.017630		0.011300	0.011300
Lanthanum															
Lead	220.35	0.0000063			-0.0000043	0.0001306		0.0000635		0.0000083	0.0001164	-0.0007679	0.0002070	-0.0003367	-0.0003367
Lithium															
Lutetium															
Magnesium	383.20														
Manganese	257.61									0.000026					
Molybdenum															
Nickel	231.60					-0.000690									
Palladium															
Phosphorus															
Potassium	766.49														
Selenium	196.03			-0.0000499	0.0000029	-0.0001052		-0.0001964	-0.0000132		0.0004928	0.0000802			

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length														
Silicon															
Silver	328.07	0	0	0	0			0.000005			0.0002370				
Sodium	330.22	0.0003150			0.0002630			0.0005540		0.000294				-0.0612380	-0.0612380
Strontium															
Sulfur															
Thallium	190.86	-0.0000100			-0.000040	0.0048490	0.0004180	-0.000058			0.0011140	-0.0037500		0.0008000	
Thorium															
Tin															
Titanium															
Tungsten															
Uranium															
Vanadium	292.40						-0.002000							0.0009000	
Yttrium															
Zinc	206.20						-0.0269000								
Zirconium															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	V	Zn												
Aluminum	308.22	0.0264690													
Antimony	206.84														
Arsenic	189.04														
Barium	493.40														
Beryllium	313.04	-0.0003240													
Bismuth															
Boron															
Cadmium	226.50														
Calcium	317.93														
Chromium	267.72	-0.0001650													
Cobalt	228.62														
Copper	324.75														
Gold															
Iron	271.44	0.0090183													
Lanthanum															
Lead	220.35	-0.0001350													
Lithium															
Lutetium															
Magnesium	383.20														
Manganese	257.61														
Molybdenum															
Nickel	231.60														
Palladium															
Phosphorus															
Potassium	766.49														
Selenium	196.03	0.0006768													

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length														
Silicon															
Silver	328.07														
Sodium	330.22		0.057494												
Strontium															
Sulfur															
Thallium	190.86	0.0021770													
Thorium															
Tin															
Titanium															
Tungsten															
Uranium															
Vanadium	292.40														
Yttrium															
Zinc	206.20														
Zirconium															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG No.:

ICP-AES Instrument ID: ICP3 Date: 01/01/2009

Analyte	Wave Length	Al	Ba	Co	Cr	Fe	La	Mg	Mn	Mo	Ni	Sb	Sn	Ti	V
Aluminum	308.2									0.00570					0.02400
Antimony	206.8				0.001380	0.000050							-0.00070	-0.00280	-0.000240
Arsenic	189.0				0.000200	-0.00050	0.02590								
Barium	493.4														
Beryllium	313.0														0.00030
Bismuth															
Boron	249.6														
Cadmium	226.5			-0.000150		0.000150									
Calcium	317.9														
Chromium	267.7											-0.000350			
Cobalt	228.6		-0.0000350												
Copper	324.7					-0.0000300									
Gold															
Iron	271.4			0.07600	0.00170		-0.000370			0.000900					0.01100
Lanthanum															
Lead	220.3	0.0000199				0.0000692	0.0003466	0.000020	0.0001200	-0.001100	0.0001832				
Lithium															
Lutetium															
Magnesium	279.0														
Manganese	257.6														
Molybdenum	202.0														
Nickel	231.6			-0.00200											
Palladium															
Phosphorus															
Potassium	766.4														
Selenium	196.0			-0.0003103		-0.0003167			0.0003932						
Silicon															
Silver	328.0														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-1570-1

SDG No.:

ICP-AES Instrument ID: ICP3 Date: 01/01/2009

Analyte	Wave Length	Al	Ba	Co	Cr	Fe	La	Mg	Mn	Mo	Ni	Sb	Sn	Ti	V
Sodium	330.2														
Strontium	421.5														
Sulfur															
Thallium	190.8	-0.000010		0.00280	0.000200	-0.000100			0.001000	-0.004900				0.001200	0.001650
Thorium															
Tin	189.9														
Titanium															
Tungsten															
Uranium															
Vanadium	292.4					-0.000020				-0.0150					
Yttrium															
Zinc	206.2				-0.0011000										
Zirconium															

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-1570-1

SDG No.:

Instrument ID: ICP2 Date: 01/06/2009 11:12

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		500000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		500000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		500000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-1570-1

SDG No.:

Instrument ID: ICP3 Date: 01/06/2009 11:23

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		500000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		500000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		250000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		15000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-6076/1-A	05/12/2009 09:57	6076		100	100
LCS 460-6076/2-A	05/12/2009 09:57	6076		100	100
460-1570-1	05/12/2009 09:57	6076		100	100
460-1570-1 DU	05/12/2009 09:57	6076		100	100
460-1570-1 MS	05/12/2009 09:57	6076		100	100
460-1570-2	05/12/2009 09:57	6076		100	100
460-1570-3	05/12/2009 09:57	6076		100	100
460-1570-4	05/12/2009 09:57	6076		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-6220/1-A	05/13/2009 09:36	6220		100	100
LCS 460-6220/2-A	05/13/2009 09:36	6220		100	100
460-1570-5	05/13/2009 09:36	6220		100	100
460-1570-5 DU	05/13/2009 09:36	6220		100	100
460-1570-5 MS	05/13/2009 09:36	6220		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-6217/9-A	05/13/2009 07:45	6217		100	100
LCS 460-6217/10-A	05/13/2009 07:45	6217		100	100
460-1570-1	05/13/2009 07:45	6217		100	100
460-1570-1 DU	05/13/2009 07:45	6217		100	100
460-1570-1 MS	05/13/2009 07:45	6217		100	100
460-1570-2	05/13/2009 07:45	6217		100	100
460-1570-3	05/13/2009 07:45	6217		100	100
460-1570-4	05/13/2009 07:45	6217		100	100
460-1570-5	05/13/2009 07:45	6217		100	100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 05/13/2009 16:19 End Date: 05/13/2009 21:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			16:19																				
ZZZZZZ			16:25																				
ZZZZZZ			16:31																				
ZZZZZZ			16:38																				
ICV 460-6354/5	1		16:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-6354/6	1		16:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-6354/7	1		16:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-6354/8	1		17:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:09																				
ZZZZZZ			17:15																				
MB 460-6076/1-A	1	T	17:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-6076/2-A	1	T	17:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:34																				
ZZZZZZ			17:40																				
460-1520-E-13-E SD	5	T	17:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:53																				
CCV 460-6354/17	1		17:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-6354/18	1		18:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-1570-1 DU	1	T	18:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-1570-1	1	T	18:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-1570-1 SD	5	T	18:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-1570-1 MS	1	T	18:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:36																				
ZZZZZZ			18:42																				
ZZZZZZ			18:49																				
ZZZZZZ			18:55																				
ZZZZZZ			19:01																				
ZZZZZZ			19:07																				
CCV 460-6354/29	1		19:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-6354/30	1		19:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:26																				
ZZZZZZ			19:32																				
ZZZZZZ			19:39																				
ZZZZZZ			19:45																				
ZZZZZZ			19:51																				
ZZZZZZ			19:57																				
ZZZZZZ			20:04																				
ZZZZZZ			20:10																				
ZZZZZZ			20:16																				
460-1570-2	1	T	20:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-6354/41	1		20:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-6354/42	1		20:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 05/13/2009 16:19 End Date: 05/13/2009 21:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
460-1570-3	1	T	20:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-1570-4	1	T	20:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-6354/45	1		20:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-6354/46	1		21:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-6354/47	1		21:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-6354/48	1		21:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 05/13/2009 16:19 End Date: 05/13/2009 21:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			16:19																				
ZZZZZZ			16:25																				
ZZZZZZ			16:31																				
ZZZZZZ			16:38																				
ICV 460-6354/5	1		16:44	X	X																		
ICB 460-6354/6	1		16:50	X	X																		
ICSA 460-6354/7	1		16:56	X	X																		
ICSAB 460-6354/8	1		17:03	X	X																		
ZZZZZZ			17:09																				
ZZZZZZ			17:15																				
MB 460-6076/1-A	1	T	17:21	X	X																		
LCS 460-6076/2-A	1	T	17:28	X	X																		
ZZZZZZ			17:34																				
ZZZZZZ			17:40																				
460-1520-E-13-E SD	5	T	17:46	X	X																		
ZZZZZZ			17:53																				
CCV 460-6354/17	1		17:59	X	X																		
CCB 460-6354/18	1		18:05	X	X																		
460-1570-1 DU	1	T	18:11	X	X																		
460-1570-1	1	T	18:17	X	X																		
460-1570-1 SD	5	T	18:24	X	X																		
460-1570-1 MS	1	T	18:30	X	X																		
ZZZZZZ			18:36																				
ZZZZZZ			18:42																				
ZZZZZZ			18:49																				
ZZZZZZ			18:55																				
ZZZZZZ			19:01																				
ZZZZZZ			19:07																				
CCV 460-6354/29	1		19:14	X	X																		
CCB 460-6354/30	1		19:20	X	X																		
ZZZZZZ			19:26																				
ZZZZZZ			19:32																				
ZZZZZZ			19:39																				
ZZZZZZ			19:45																				
ZZZZZZ			19:51																				
ZZZZZZ			19:57																				
ZZZZZZ			20:04																				
ZZZZZZ			20:10																				
ZZZZZZ			20:16																				
460-1570-2	1	T	20:22	X	X																		
CCV 460-6354/41	1		20:28	X	X																		
CCB 460-6354/42	1		20:35	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 05/13/2009 16:19 End Date: 05/13/2009 21:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
460-1570-3	1	T	20:41	X	X																		
460-1570-4	1	T	20:47	X	X																		
ICSA 460-6354/45	1		20:53	X	X																		
ICSAB 460-6354/46	1		21:00	X	X																		
CCV 460-6354/47	1		21:06	X	X																		
CCB 460-6354/48	1		21:12	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: ICP3 Method: 6010B

Start Date: 05/13/2009 12:12 End Date: 05/13/2009 20:17

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			12:12																				
ZZZZZZ			12:19																				
ZZZZZZ			12:26																				
ZZZZZZ			12:33																				
ICV 460-6352/5	1		12:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-6352/6	1		12:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-6352/7			12:53																				
ICSAB 460-6352/8			13:00																				
ZZZZZZ			13:07																				
ZZZZZZ			13:13																				
ZZZZZZ			13:20																				
ZZZZZZ			13:27																				
ZZZZZZ			13:34																				
ZZZZZZ			13:41																				
ZZZZZZ			13:47																				
ZZZZZZ			13:54																				
CCV 460-6352/17			14:01																				
CCB 460-6352/18			14:08																				
ZZZZZZ			14:15																				
ZZZZZZ			14:21																				
ZZZZZZ			14:28																				
ICSA 460-6352/22	1		14:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-6352/23	1		14:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-6352/24			14:49																				
CCB 460-6352/25			14:55																				
ZZZZZZ			15:25																				
ZZZZZZ			15:31																				
ZZZZZZ			15:38																				
ZZZZZZ			15:45																				
ZZZZZZ			15:52																				
ZZZZZZ			15:59																				
ZZZZZZ			16:05																				
ZZZZZZ			16:12																				
ZZZZZZ			16:19																				
ZZZZZZ			16:26																				
CCV 460-6352/36	1		16:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-6352/37	1		16:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:46																				
MB 460-6220/1-A	1	T	16:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-6220/2-A	1	T	17:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-1570-5 DU	1	T	17:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-1570-5	1	T	17:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: ICP3 Method: 6010B

Start Date: 05/13/2009 12:12 End Date: 05/13/2009 20:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
460-1570-5 SD	1	T	17:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-1570-5 MS	1	T	17:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:34																				
ZZZZZZ			17:41																				
ZZZZZZ			17:47																				
CCV 460-6352/48	1		17:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-6352/49	1		18:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:08																				
ZZZZZZ			18:15																				
ZZZZZZ			18:22																				
ZZZZZZ			18:28																				
ZZZZZZ			18:35																				
ZZZZZZ			18:42																				
ZZZZZZ			18:49																				
ZZZZZZ			18:56																				
ZZZZZZ			19:02																				
ZZZZZZ			19:09																				
CCV 460-6352/60			19:16																				
CCB 460-6352/61			19:23																				
ZZZZZZ			19:30																				
ZZZZZZ			19:36																				
ZZZZZZ			19:43																				
ZZZZZZ			19:50																				
ICSA 460-6352/66	1		19:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-6352/67	1		20:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-6352/68	1		20:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-6352/69	1		20:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: ICP3 Method: 6010B

Start Date: 05/13/2009 12:12 End Date: 05/13/2009 20:17

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			12:12																				
ZZZZZZ			12:19																				
ZZZZZZ			12:26																				
ZZZZZZ			12:33																				
ICV 460-6352/5	1		12:39	X	X																		
ICB 460-6352/6	1		12:46	X	X																		
ICSA 460-6352/7			12:53																				
ICSAB 460-6352/8			13:00																				
ZZZZZZ			13:07																				
ZZZZZZ			13:13																				
ZZZZZZ			13:20																				
ZZZZZZ			13:27																				
ZZZZZZ			13:34																				
ZZZZZZ			13:41																				
ZZZZZZ			13:47																				
ZZZZZZ			13:54																				
CCV 460-6352/17			14:01																				
CCB 460-6352/18			14:08																				
ZZZZZZ			14:15																				
ZZZZZZ			14:21																				
ZZZZZZ			14:28																				
ICSA 460-6352/22	1		14:35	X	X																		
ICSAB 460-6352/23	1		14:42	X	X																		
CCV 460-6352/24			14:49																				
CCB 460-6352/25			14:55																				
ZZZZZZ			15:25																				
ZZZZZZ			15:31																				
ZZZZZZ			15:38																				
ZZZZZZ			15:45																				
ZZZZZZ			15:52																				
ZZZZZZ			15:59																				
ZZZZZZ			16:05																				
ZZZZZZ			16:12																				
ZZZZZZ			16:19																				
ZZZZZZ			16:26																				
CCV 460-6352/36	1		16:33	X	X																		
CCB 460-6352/37	1		16:39	X	X																		
ZZZZZZ			16:46																				
MB 460-6220/1-A	1	T	16:53	X	X																		
LCS 460-6220/2-A	1	T	17:00	X	X																		
460-1570-5 DU	1	T	17:07	X	X																		
460-1570-5	1	T	17:13	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: ICP3 Method: 6010B

Start Date: 05/13/2009 12:12 End Date: 05/13/2009 20:17

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
460-1570-5 SD	1	T	17:20	X	X																		
460-1570-5 MS	1	T	17:27	X	X																		
ZZZZZZ			17:34																				
ZZZZZZ			17:41																				
ZZZZZZ			17:47																				
CCV 460-6352/48	1		17:54	X	X																		
CCB 460-6352/49	1		18:01	X	X																		
ZZZZZZ			18:08																				
ZZZZZZ			18:15																				
ZZZZZZ			18:22																				
ZZZZZZ			18:28																				
ZZZZZZ			18:35																				
ZZZZZZ			18:42																				
ZZZZZZ			18:49																				
ZZZZZZ			18:56																				
ZZZZZZ			19:02																				
ZZZZZZ			19:09																				
CCV 460-6352/60			19:16																				
CCB 460-6352/61			19:23																				
ZZZZZZ			19:30																				
ZZZZZZ			19:36																				
ZZZZZZ			19:43																				
ZZZZZZ			19:50																				
ICSA 460-6352/66	1		19:57	X	X																		
ICSAB 460-6352/67	1		20:04	X	X																		
CCV 460-6352/68	1		20:11	X	X																		
CCB 460-6352/69	1		20:17	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-1570-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 05/13/2009 11:17 End Date: 05/13/2009 12:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
IC 460-6217/1-A			11:17	X																				
IC 460-6217/2-A			11:19	X																				
IC 460-6217/3-A			11:20	X																				
IC 460-6217/4-A			11:22	X																				
IC 460-6217/5-A			11:24	X																				
IC 460-6217/6-A			11:26	X																				
CCV 460-6217/7-A	1		11:28	X																				
ICB 460-6259/8	1		11:30	X																				
ICV 460-6217/8-A	1		11:32	X																				
MB 460-6217/9-A	1	T	11:33	X																				
LCS 460-6217/10-A	1	T	11:35	X																				
460-1570-1	1	T	11:37	X																				
460-1570-1 DU	1	T	11:39	X																				
460-1570-1 MS	1	T	11:41	X																				
ZZZZZZ			11:43																					
ZZZZZZ			11:46																					
ZZZZZZ			11:47																					
ZZZZZZ			11:49																					
460-1570-2	1	T	11:51	X																				
CCV 460-6217/7-A	1		11:53	X																				
CCB 460-6259/21	1		11:56	X																				
460-1570-3	1	T	11:58	X																				
460-1570-4	1	T	11:59	X																				
460-1570-5	1	T	12:02	X																				
ZZZZZZ			12:04																					
ZZZZZZ			12:06																					
ZZZZZZ			12:08																					
ZZZZZZ			12:11																					
ZZZZZZ			12:13																					
ZZZZZZ			12:15																					
CCV 460-6217/7-A	1		12:17	X																				
CCB 460-6259/32	1		12:19	X																				

Prep Types
T = Total/NA

BATCH#:6076V1: METHOD:6010B

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV 046226	6076V1	SW846	05/13/09	16:44		S	CONC
2	ICB	6076V1	SW846	05/13/09	16:50		S	CONC
3	ICSA 046234	6076V1	SW846	05/13/09	16:56		S	CONC
4	ICSAB 047784	6076V1	SW846	05/13/09	17:03		S	CONC
5	INT-20	6076V1	SW846	05/13/09	17:09		S	CONC
6	REPLIM	6076V1	SW846	05/13/09	17:15		S	CONC
7	MB 460-6076/1-A	6076V1	SW846	05/13/09	17:21		S	CONC
8	LCS 460-6076/2-A	6076V1	SW846	05/13/09	17:28		S	CONC
9	460-1520-C-13-C DU	6076V1	SW846	05/13/09	17:34		S	CONC
10	460-1520-C-13-B	6076V1	SW846	05/13/09	17:40		S	CONC
11	SD 460-1520-C-13-B@5	6076V1	SW846	05/13/09	17:46		S	CONC
12	460-1520-C-13-D MS	6076V1	SW846	05/13/09	17:53		S	CONC
13	CCV 046226	6076V1	SW846	05/13/09	17:59		S	CONC
14	CCB	6076V1	SW846	05/13/09	18:05		S	CONC
15	460-1570-C-1-B DU	6076V1	SW846	05/13/09	18:11		S	CONC
16	460-1570-C-1-A	6076V1	SW846	05/13/09	18:17		S	CONC
17	SD 460-1570-C-1-A@5	6076V1	SW846	05/13/09	18:24		S	CONC
18	460-1570-C-1-C MS	6076V1	SW846	05/13/09	18:30		S	CONC
19	460-1509-I-5-A	6076V1	SW846	05/13/09	18:36		S	CONC
20	460-1520-E-1-B	6076V1	SW846	05/13/09	18:42		S	CONC
21	460-1520-E-13-C	6076V1	SW846	05/13/09	18:49		S	CONC
22	460-1520-F-16-B	6076V1	SW846	05/13/09	18:55		S	CONC
23	460-1520-F-17-B	6076V1	SW846	05/13/09	19:01		S	CONC
24	460-1520-F-18-B	6076V1	SW846	05/13/09	19:07		S	CONC
25	CCV 046226	6076V1	SW846	05/13/09	19:14		S	CONC
26	CCB	6076V1	SW846	05/13/09	19:20		S	CONC
27	460-1520-F-21-B	6076V1	SW846	05/13/09	19:26		S	CONC
28	460-1520-F-22-B	6076V1	SW846	05/13/09	19:32		S	CONC
29	460-1520-F-25-B	6076V1	SW846	05/13/09	19:39		S	CONC
30	460-1520-F-3-B	6076V1	SW846	05/13/09	19:45		S	CONC
31	460-1520-F-4-B	6076V1	SW846	05/13/09	19:51		S	CONC
32	460-1520-F-6-B	6076V1	SW846	05/13/09	19:57		S	CONC
33	460-1520-F-7-B	6076V1	SW846	05/13/09	20:04		S	CONC
34	460-1520-F-9-B	6076V1	SW846	05/13/09	20:10		S	CONC
35	460-1570-C-1-D	6076V1	SW846	05/13/09	20:16		S	CONC
36	460-1570-C-2-A	6076V1	SW846	05/13/09	20:22		S	CONC
37	CCV 046226	6076V1	SW846	05/13/09	20:28		S	CONC
38	CCB	6076V1	SW846	05/13/09	20:35		S	CONC
39	460-1570-C-3-A	6076V1	SW846	05/13/09	20:41		S	CONC
40	460-1570-C-4-A	6076V1	SW846	05/13/09	20:47		S	CONC
41	ICSA 046234	6076V1	SW846	05/13/09	20:53		S	CONC
42	ICSAB 047784	6076V1	SW846	05/13/09	21:00		S	CONC
43	CCV 046226	6076V1	SW846	05/13/09	21:06		S	CONC
44	CCB	6076V1	SW846	05/13/09	21:12		S	CONC

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 046226	124600.	1006.	5053.	9932.	999.9	2507.
2	ICB	6.393	.2336	2.108	1.130	.1989	.2103
3	ICSA 046234	471700.	-1.425	-2.636	1.047	-.0873	1.504
4	ICSAB 047784	463000.	103.5	101.8	107.7	99.47	98.86
5	INT-20	130.4	-4.134	.0720	19510.	.6365	-1.303
6	REPLIM	199.7	10.74	4.313	208.4	2.099	3.852
7	MB 460-6076/1-A	18.17	1.525	-.8555	.2320	-.0146	-.1467
8	LCS 460-6076/2-A	2142.	510.3	2036.	2118.	52.36	52.73
9	460-1520-C-13-C DU	35180.	.6657	1.889	253.0	1.322	-.7370
10	460-1520-C-13-B	36420.	-.1478	-.2517	255.5	1.348	-.9218
11	SD 460-1520-C-13-B@5	7561.	1.288	.0040	51.82	.3173	-.4505
12	460-1520-C-13-D MS	49140.	430.5	1842.	2172.	48.93	46.45
13	CCV 046226	126000.	1012.	5071.	10050.	1000.	2508.
14	CCB	11.37	-.1657	.5210	-.1007	.0372	-.0934
15	460-1570-C-1-B DU	6185.	-1.194	4.444	282.2	.5665	-.5337
16	460-1570-C-1-A	6217.	-2.596	1.897	278.2	.5143	-.2721
17	SD 460-1570-C-1-A@5	1244.	-.2466	-.8074	54.44	.1503	-.1508
18	460-1570-C-1-C MS	11120.	479.3	1929.	2290.	49.54	48.86
19	460-1509-I-5-A	-42.56	-.2340	2.185	89.17	.6886	-.1905
20	460-1520-E-1-B	46290.	-2.266	5.009	1860.	4.659	-1.010

21	460-1520-E-13-C	30620.	.6472	1.108	218.8	1.123	-.6818
22	460-1520-F-16-B	11.34	-.0716	-.6482	43.44	.1043	-.1858
23	460-1520-F-17-B	53.92	1.004	-1.131	73.21	.2471	-.2910
24	460-1520-F-18-B	25.30	-.6909	.9949	142.8	.1094	-.4542
25	CCV 046226	124800.	1012.	5046.	9972.	993.7	2489.
26	CCB	2.470	.2087	-.9186	-.0442	.0762	.0050
27	460-1520-F-21-B	34.00	.0888	1.482	504.6	.6247	-.3022
28	460-1520-F-22-B	35.04	2.616	2.487	70.76	.4042	-.2340
29	460-1520-F-25-B	71.57	-.6806	.6219	299.5	1.160	-.2175
30	460-1520-F-3-B	45.69	.5671	-.1035	366.5	.3468	-.2944
31	460-1520-F-4-B	10.26	-1.552	1.226	32.76	.0420	-.3695
32	460-1520-F-6-B	19.72	.2302	-.3596	42.45	.1272	-.4585
33	460-1520-F-7-B	25.86	-1.638	.9993	156.7	.0336	-.4437
34	460-1520-F-9-B	27.04	.2803	.1323	112.7	.8465	-.0607
35	460-1570-C-1-D	7835.	.6193	3.503	297.5	.6922	-.6906
36	460-1570-C-2-A	1391.	-1.188	2.381	253.3	.0040	-.5344
37	CCV 046226	122500.	992.6	4947.	9827.	975.5	2445.
38	CCB	15.12	-.0868	.5658	-.0117	.0226	-.4244
39	460-1570-C-3-A	1180.	2.007	2.951	490.9	-.0156	-.4830
40	460-1570-C-4-A	1054.	-.0629	1.769	464.5	-.0259	-.3754
41	ICSA 046234	466500.	2.683	-.2001	.7447	-.1921	1.228
42	ICSAB 047784	456600.	99.89	95.14	105.8	98.17	97.48
43	CCV 046226	123400.	1002.	4996.	9882.	983.4	2463.
44	CCB	19.05	1.468	-1.604	.1057	-.0316	.1481

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 046226	125300.	4999.	2497.	12420.	99900.	124800.
2	ICB	10.56	1.738	.4771	1.649	19.82	36.19
3	ICSA 046234	469200.	1.027	2.412	4.061	201900.	529500.
4	ICSAB 047784	463000.	99.79	98.68	108.4	199400.	519600.
5	INT-20	81.98	20440.	20100.	-.6467	-32.27	71.96

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
6	REPLIM	5168.	12.54	51.36	25.25	170.8	4743.
7	MB 460-6076/1-A	4.440	1.548	.5054	.8467	15.02	22.31
8	LCS 460-6076/2-A	21400.	213.5	514.7	258.1	1092.	20000.
9	460-1520-C-13-C DU	6298.	48.73	2.270	30.08	13500.	1036.
10	460-1520-C-13-B	6313.	50.06	2.331	30.80	13770.	1056.
11	SD 460-1520-C-13-B@5	1294.	10.79	.7889	6.360	2846.	220.7
12	460-1520-C-13-D MS	25500.	241.4	467.6	268.0	14870.	19300.
13	CCV 046226	125100.	5015.	2498.	12590.	100100.	126100.
14	CCB	-5.966	.6617	.1979	.6861	9.163	12.71
15	460-1570-C-1-B DU	53020.	11.06	4.710	29.16	23340.	26220.
16	460-1570-C-1-A	51430.	10.56	4.841	26.60	22930.	25640.
17	SD 460-1570-C-1-A@5	10580.	3.287	2.073	5.831	4719.	5107.
18	460-1570-C-1-C MS	72320.	209.2	489.6	274.0	23600.	45470.
19	460-1509-I-5-A	13460.	1.162	3.288	29.59	6961.	4375.
20	460-1520-E-1-B	23730.	92.91	9.376	47.02	59390.	13970.
21	460-1520-E-13-C	5988.	43.77	1.516	30.94	12090.	977.0
22	460-1520-F-16-B	5990.	1.146	-.2311	1.450	1338.	514.6
23	460-1520-F-17-B	2057.	1.140	1.392	1.850	1412.	735.3
24	460-1520-F-18-B	7877.	.9759	.3648	.1803	1293.	1276.
25	CCV 046226	124500.	4977.	2479.	12450.	99450.	124900.
26	CCB	-6.458	.7489	.2973	.6333	9.840	12.42
27	460-1520-F-21-B	12770.	2.006	2.865	-.4147	3703.	3249.
28	460-1520-F-22-B	2002.	1.137	1.256	1.182	1373.	706.8
29	460-1520-F-25-B	4209.	1.334	3.452	1.286	2258.	2492.
30	460-1520-F-3-B	4074.	2.965	1.276	.8709	2728.	1222.
31	460-1520-F-4-B	1939.	.9784	.0397	.8378	1187.	178.9
32	460-1520-F-6-B	1563.	.7677	-.5596	.7395	687.5	115.5
33	460-1520-F-7-B	9771.	1.188	.7651	-.0965	1158.	1347.
34	460-1520-F-9-B	6406.	1.726	.6503	.8992	2013.	1625.
35	460-1570-C-1-D	51560.	13.49	6.420	21.99	31060.	25640.
36	460-1570-C-2-A	44710.	2.759	2.154	2.010	5676.	12070.
37	CCV 046226	122300.	4884.	2435.	12230.	97630.	122700.
38	CCB	-4.758	.7340	.2457	.5666	12.17	13.15
39	460-1570-C-3-A	49910.	2.104	17.82	2.239	67140.	32860.
40	460-1570-C-4-A	46550.	1.810	16.08	1.546	63770.	31310.
41	ICSA 046234	467900.	.7628	2.304	2.845	201700.	524600.
42	ICSAB 047784	458000.	98.14	97.22	105.2	197200.	511400.

43	CCV 046226	123500.	4914.	2453.	12280.	98630.	123200.
44	CCB	3.931	1.159	.6961	.8700	18.04	26.33

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	ICV 046226	4984.	2500.	51670.	1244.	10040.	5100.
2	ICB	.6804	.7068	243.0	.4686	3.010	1.108
3	ICSA 046234	-1.331	-.2351	262.7	-.5737	3.099	-6.037
4	ICSAB 047784	98.74	96.24	11190.	102.2	100.1	96.41
5	INT-20	19340.	-.1565	273.9	-.9985	1.956	-5.465
6	REPLIM	17.03	40.80	5161.	9.939	7.024	4.740
7	MB 460-6076/1-A	.4061	-.8409	228.9	.2520	.8102	1.966
8	LCS 460-6076/2-A	534.9	521.4	21460.	49.80	522.1	2021.
9	460-1520-C-13-C DU	58.29	14.34	3466.	.2625	10.94	1.412
10	460-1520-C-13-B	58.73	15.62	3532.	.7568	11.61	.5974
11	SD 460-1520-C-13-B@5	12.04	3.365	857.4	.1739	2.692	-1.164

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
12	460-1520-C-13-D MS	544.6	486.7	22660.	45.03	475.9	1808.
13	CCV 046226	4999.	2505.	52590.	1254.	10090.	5117.
14	CCB	.0520	.6865	225.4	.0600	1.575	-.2671
15	460-1570-C-1-B DU	544.5	7.463	8684.	.7042	3.132	1.528
16	460-1570-C-1-A	530.8	6.915	8573.	1.740	4.546	.3895
17	SD 460-1570-C-1-A@5	107.4	1.738	1750.	.8670	1.890	-.2467
18	460-1570-C-1-C MS	1042.	496.4	29500.	47.81	490.8	1916.
19	460-1509-I-5-A	24.23	7.981	12180.	.3980	31.30	2.302
20	460-1520-E-1-B	211.2	33.44	9200.	.1358	17.90	1.433
21	460-1520-E-13-C	52.73	12.47	2971.	.2227	10.06	.2632
22	460-1520-F-16-B	33.88	2.629	1350.	.0288	2.481	.0517
23	460-1520-F-17-B	24.55	2.254	3798.	.3313	1.979	-1.043
24	460-1520-F-18-B	47.50	1.567	2356.	.0392	2.694	.8637
25	CCV 046226	4963.	2487.	52260.	1244.	10020.	5087.
26	CCB	.0474	.3134	209.3	.3169	.5633	.2508
27	460-1520-F-21-B	103.5	4.407	6338.	.1009	2.637	1.188
28	460-1520-F-22-B	23.58	2.332	3637.	.3168	3.166	.5455
29	460-1520-F-25-B	56.51	3.821	2320.	.0856	2.539	1.134
30	460-1520-F-3-B	63.29	4.994	1959.	.3878	2.273	-.6446
31	460-1520-F-4-B	35.10	2.176	1322.	.2102	2.219	1.203
32	460-1520-F-6-B	21.25	.6784	841.3	.1741	3.117	-.2704
33	460-1520-F-7-B	44.65	1.647	3214.	.4458	2.071	1.268
34	460-1520-F-9-B	63.36	2.854	1099.	.4260	2.063	1.538
35	460-1570-C-1-D	546.0	9.019	8623.	.4411	5.197	.0512
36	460-1570-C-2-A	419.7	.9954	6312.	1.194	3.297	.7662
37	CCV 046226	4875.	2439.	51570.	1225.	9849.	5008.
38	CCB	.0999	.3272	224.1	-.1539	1.675	.4708
39	460-1570-C-3-A	1713.	1.073	3616.	.6763	3.437	.0821
40	460-1570-C-4-A	1618.	.2713	3394.	.7031	3.381	.7673
41	ICSA 046234	-1.238	3.231	247.9	-.2706	1.989	-6.143
42	ICSAB 047784	97.16	95.05	11120.	100.8	101.3	95.16
43	CCV 046226	4905.	2458.	51950.	1233.	9918.	5047.
44	CCB	.1481	-.4692	218.9	.3796	1.646	-.8652

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 046226	124000.	5016.	2480.	2518.	1009.	2502.
2	ICB	161.3	4.990	.3575	-.8024	1.613	1.493
3	ICSA 046234	149.8	-4.769	2.992	2.847	.6984	-.7430
4	ICSAB 047784	10090.	90.25	99.98	100.1	100.8	98.03
5	INT-20	271.0	-5.220	19980.	5193.	9741.	9882.
6	REPLIM	4766.	13.39	51.57	36.84	54.40	23.06
7	MB 460-6076/1-A	139.5	.3125	1.207	.9202	2.781	1.670
8	LCS 460-6076/2-A	19940.	2050.	522.4	539.5	507.1	518.8
9	460-1520-C-13-C DU	3757.	-3.464	36.27	121.5	8.780	6.960
10	460-1520-C-13-B	3826.	-.4628	37.20	123.2	8.474	6.757
11	SD 460-1520-C-13-B@5	949.6	2.042	7.888	24.96	2.164	1.162
12	460-1520-C-13-D MS	22040.	1866.	508.6	607.5	465.3	460.8
13	CCV 046226	126200.	5065.	2499.	2500.	1013.	2506.
14	CCB	136.1	5.326	.5060	-1.149	.8509	1.102
15	460-1570-C-1-B DU	135800.	1.377	10.64	42.71	42.71	1.568
16	460-1570-C-1-A	133400.	-1.368	10.32	19.11	41.35	.9629

17	SD 460-1570-C-1-A@5	26340.	2.446	2.369	3.488	8.650	.5029

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
18	460-1570-C-1-C MS	154100.	1935.	499.2	518.4	514.8	481.7
19	460-1509-I-5-A	50330.	2.580	2.591	29.58	16.55	1.556
20	460-1520-E-1-B	71340.	-1.676	52.41	814.3	18.59	18.74
21	460-1520-E-13-C	3526.	.3229	32.23	108.8	6.751	5.775
22	460-1520-F-16-B	6741.	2.066	.5009	43.72	4.436	2.542
23	460-1520-F-17-B	52010.	-2.278	1.187	74.79	21.02	1.784
24	460-1520-F-18-B	18920.	.3648	.2888	35.43	13.97	.0740
25	CCV 046226	125400.	5011.	2469.	2484.	1000.	2495.
26	CCB	91.45	1.277	.1310	-1.487	1.211	.1540
27	460-1520-F-21-B	42060.	2.283	.4111	192.3	41.39	.7335
28	460-1520-F-22-B	49950.	-.1841	1.324	72.80	21.01	1.975
29	460-1520-F-25-B	8456.	.9235	.0396	78.74	10.31	2.160
30	460-1520-F-3-B	30100.	-1.150	.5946	124.9	15.46	2.052
31	460-1520-F-4-B	7919.	-3.520	.2993	49.59	10.09	2.362
32	460-1520-F-6-B	6848.	-2.308	.5936	31.61	5.411	1.079
33	460-1520-F-7-B	6141.	.1991	.1080	26.23	11.69	1.899
34	460-1520-F-9-B	3682.	-4.293	.4460	54.28	79.44	1.008
35	460-1570-C-1-D	132500.	-.5097	14.01	29.53	41.32	1.274
36	460-1570-C-2-A	193300.	-1.890	3.254	6.793	40.69	1.613
37	CCV 046226	123300.	4914.	2416.	2438.	982.1	2450.
38	CCB	109.3	4.741	.3354	-1.202	.1240	.2211
39	460-1570-C-3-A	102400.	-2.779	2.282	2.730	175.2	1.961
40	460-1570-C-4-A	98510.	.5226	2.145	2.335	168.2	1.136
41	ICSA 046234	66.08	-5.329	3.283	4.540	.3106	-.8136
42	ICSAB 047784	9974.	91.12	98.11	98.55	99.14	95.90
43	CCV 046226	124300.	4943.	2424.	2464.	990.1	2477.
44	CCB	114.9	1.507	.0388	-1.270	.6229	.2033

#	Sample Name	Sn1899	Ti3349	*Y
1	ICV 046226	996.9	9990.	975.807
2	ICB	1.228	1.608	1014.15
3	ICSA 046234	.0253	-3.817	924.336
4	ICSAB 047784	103.1	98.45	938.511
5	INT-20	10.66	19810.	994.539
6	REPLIM	50.92	21.88	1000.71
7	MB 460-6076/1-A	4.034	.2686	990.759
8	LCS 460-6076/2-A	506.4	529.4	976.206
9	460-1520-C-13-C DU	7.198	293.2	1030.28
10	460-1520-C-13-B	5.806	301.7	1036.01
11	SD 460-1520-C-13-B@5	2.521	61.39	1007.73
12	460-1520-C-13-D MS	452.8	721.7	1018.21
13	CCV 046226	995.8	10060.	965.895
14	CCB	1.709	.2286	1001.11
15	460-1570-C-1-B DU	7.919	130.8	980.742
16	460-1570-C-1-A	3.034	129.9	994.371
17	SD 460-1570-C-1-A@5	3.782	26.25	998.676
18	460-1570-C-1-C MS	477.2	620.3	974.967
19	460-1509-I-5-A	1.841	.3026	1262.54
20	460-1520-E-1-B	9.105	492.5	1046.77
21	460-1520-E-13-C	5.713	263.6	1014.19
22	460-1520-F-16-B	3.277	-.2266	995.631
23	460-1520-F-17-B	1.516	-.1706	982.401

#	Sample Name	Sn1899	Ti3349	*Y
24	460-1520-F-18-B	4.962	-.3016	997.542
25	CCV 046226	993.4	9969.	969.024
26	CCB	3.285	.3602	1011.34
27	460-1520-F-21-B	4.569	-.2716	989.373
28	460-1520-F-22-B	2.942	-.1644	1005.75
29	460-1520-F-25-B	.9627	-.3478	969.801
30	460-1520-F-3-B	2.192	-.4183	986.79
31	460-1520-F-4-B	3.737	-.3303	992.103
32	460-1520-F-6-B	2.749	-.2816	990.948

33	460-1520-F-7-B	5.482	-.4396	989.1
34	460-1520-F-9-B	2.461	-.3241	1000.27
35	460-1570-C-1-D	4.002	172.3	981.708
36	460-1570-C-2-A	3.166	18.40	990.318
37	CCV 046226	977.4	9790.	978.789
38	CCB	.1659	.2812	1004.3
39	460-1570-C-3-A	5.359	15.04	987.714
40	460-1570-C-4-A	5.009	12.89	979.944
41	ICSA 046234	.8565	-4.480	935.067
42	ICSAB 047784	99.19	96.79	937.23
43	CCV 046226	987.8	9838.	971.544
44	CCB	1.230	.4791	1005.75

Method: SW846 Standard: T2CAL-BLK
Run Time: 05/13/09 16:19:28

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	1.241	-.0231	-.1254	-.0010	-.1190	.0049	.1531
SDev	.007	.0228	.0086	.0007	.0011	.0021	.0070
%RSD	.5437	98.83	6.888	71.39	.9095	41.60	4.566
#1	1.246	-.0070	-.1193	-.0015	-.1198	.0035	.1482
#2	1.236	-.0393	-.1315	-.0005	-.1183	.0064	.1580

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	-.0035	-.0072	.0237	-.0178	-.0189	.0025	-.0321
SDev	.0007	.0003	.0012	.0030	.0183	.0007	.0052
%RSD	21.09	3.968	4.984	16.61	97.24	27.41	16.13
#1	-.0040	-.0070	.0229	-.0199	-.0318	.0020	-.0358
#2	-.0029	-.0074	.0245	-.0157	-.0059	.0029	-.0285

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	9.565	-.0904	.1126	-.1191	.0032	.0568	-.0089
SDev	.039	.0064	.0018	.0171	.0025	.0002	.0083
%RSD	.4129	7.090	1.572	14.40	77.23	.3202	93.77
#1	9.593	-.0950	.1114	-.1312	.0015	.0567	-.0030
#2	9.537	-.0859	.1139	-.1070	.0050	.0569	-.0147

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.0581	.0176	-.0262	.1557	-.0595	-.1652	.0855
SDev	.0337	.0125	.0037	.0287	.0494	.0420	.0182
%RSD	57.97	71.28	14.24	18.40	83.09	25.44	21.33
#1	.0343	.0087	-.0288	.1760	-.0945	-.1949	.0984
#2	.0820	.0265	-.0236	.1355	-.0245	-.1355	.0726

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1012	--	--	--	--	--	--
SDev	9.206544	--	--	--	--	--	--
%RSD	.9095201	--	--	--	--	--	--
#1	1006	--	--	--	--	--	--
#2	1019	--	--	--	--	--	--

Method: SW846 Standard: T2CAL1
Run Time: 05/13/09 16:25:43

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	54.15	4.034	29.04	17.19	8.546	48.33	53.42
SDev	.04	.015	.14	.02	.042	.29	.31
%RSD	.0757	.3663	.4815	.1363	.4972	.5926	.5720
#1	54.18	4.044	28.94	17.21	8.516	48.13	53.20
#2	54.12	4.023	29.14	17.17	8.576	48.54	53.63

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Avge	13.47	2.785	11.73	17.00	29.80	10.26	11.40
SDev	.05	.013	.02	.07	.01	.04	.05
%RSD	.3679	.4589	.1570	.3870	.0491	.4067	.4719
#1	13.44	2.775	11.74	16.95	29.81	10.23	11.36
#2	13.51	2.794	11.72	17.05	29.79	10.29	11.44

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.828	12.31	2.981	3.612	2.133	29.29	3.079
SDev	.007	.05	.011	.020	.028	.01	.077
%RSD	.1949	.4265	.3770	.5558	1.303	.0269	2.505
#1	3.822	12.27	2.973	3.597	2.152	29.29	3.024
#2	3.833	12.34	2.988	3.626	2.113	29.28	3.133

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	40.62	61.78	63.57	12.25	11.61
SDev	.09	.19	.09	.16	.04
%RSD	.2114	.3103	.1371	1.302	.3666
#1	40.56	61.64	63.51	12.14	11.64

#2	40.68	61.91	63.63	12.36	11.58

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	992	--	--	--	--	--	--
SDev	.6533315	--	--	--	--	--	--
%RSD	.0658602	--	--	--	--	--	--
#1	992	--	--	--	--	--	--
#2	992	--	--	--	--	--	--

Method: SW846 Standard: T2CAL2
Run Time: 05/13/09 16:31:58

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	270.5	21.01	147.9	84.74	42.87	241.3	264.0
SDev	.2	.10	.2	.01	.09	.9	.8
%RSD	.0640	.4843	.1424	.0149	.2194	.3561	.3098
#1	270.6	20.93	147.7	84.73	42.94	241.9	264.6
#2	270.4	21.08	148.0	84.75	42.81	240.7	263.4

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	67.82	14.01	60.56	84.77	157.5	51.03	57.06
SDev	.20	.04	.04	.26	.1	.11	.10
%RSD	.2984	.2945	.0647	.3123	.0534	.2142	.1782
#1	67.97	14.04	60.53	84.95	157.5	51.10	57.13
#2	67.68	13.98	60.59	84.58	157.4	50.95	56.98

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	20.17	63.28	14.99	17.26	11.02	147.3	15.37
SDev	.05	.04	.04	.07	.04	.0	.06
%RSD	.2377	.0652	.2389	.4213	.3228	.0270	.3939
#1	20.20	63.30	15.02	17.32	11.04	147.3	15.41
#2	20.14	63.25	14.97	17.21	10.99	147.3	15.33

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	203.8	312.0	322.1	63.38	58.46
SDev	.3	.2	.9	.03	.17
%RSD	.1374	.0685	.2697	.0443	.2929
#1	204.0	311.9	322.8	63.40	58.58
#2	203.6	312.2	321.5	63.36	58.34

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	964	--	--	--	--	--	--
SDev	.4157878	--	--	--	--	--	--
%RSD	.0431397	--	--	--	--	--	--
#1	964	--	--	--	--	--	--
#2	964	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
Run Time: 05/13/09 16:38:13

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	528.8	42.56	297.0	162.1	83.71	470.5	507.0
SDev	2.4	.16	.7	.7	.10	.4	1.4
%RSD	.4535	.3752	.2357	.4112	.1164	.0908	.2824
#1	527.1	42.45	296.5	161.6	83.78	470.8	508.0
#2	530.5	42.67	297.5	162.5	83.64	470.2	506.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	132.4	27.59	120.4	165.8	320.9	98.39	112.0
SDev	.2	.02	.7	.1	1.4	.08	.1
%RSD	.1675	.0745	.5592	.0860	.4274	.0777	.0529
#1	132.6	27.60	119.9	165.9	319.9	98.45	111.9
#2	132.3	27.57	120.8	165.7	321.9	98.34	112.0

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	714.3	41.00	173.0	126.1	29.43	33.75	22.42
SDev	5.0	.13	1.2	.4	.01	.19	.06
%RSD	.7025	.3052	.6910	.3445	.0510	.5633	.2649
#1	710.8	40.91	172.2	125.8	29.45	33.88	22.38
#2	717.9	41.08	173.9	126.4	29.42	33.61	22.46

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	288.2	30.47	396.1	619.3	639.7	130.7	119.7
SDev	.1	.15	.5	1.2	.2	.2	.4
%RSD	.0427	.4809	.1349	.2008	.0364	.1347	.3627
#1	288.1	30.37	395.8	618.5	639.8	130.5	119.4
#2	288.3	30.58	396.5	620.2	639.5	130.8	120.0

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	957	--	--	--	--	--	--
SDev	2.375868	--	--	--	--	--	--
%RSD	.2483898	--	--	--	--	--	--
#1	958	--	--	--	--	--	--
#2	955	--	--	--	--	--	--

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	470.441	-583.056	05/13/09 04:38:13
Sb2068	206.838	Multiple	Standards	48.9750	1.18157	05/13/09 04:38:13
As1890	189.042	Multiple	Standards	33.9162	4.34990	05/13/09 04:38:13
Ba4934	493.409	Multiple	Standards	119.179	-.338644	05/13/09 04:38:13
Be3130	313.042	Multiple	Standards	23.3621	2.75575	05/13/09 04:38:13
Cd2265	226.502	Multiple	Standards	10.4821	-.097782	05/13/09 04:38:13
Ca3179	317.933	Multiple	Standards	478.614	-77.9171	05/13/09 04:38:13
Cr2677	267.716	Multiple	Standards	74.4458	.215221	05/13/09 04:38:13
Co2286	228.616	Multiple	Standards	180.934	1.28135	05/13/09 04:38:13
Cu3247	324.754	Multiple	Standards	209.193	-4.53795	05/13/09 04:38:13
Fe2714	271.441	Multiple	Standards	1189.89	19.2878	05/13/09 04:38:13
Mg3832	383.231	Multiple	Standards	802.794	24.3324	05/13/09 04:38:13
Mn2576	257.610	Multiple	Standards	99.0711	-.393050	05/13/09 04:38:13
Ni2316	231.604	Multiple	Standards	44.0116	1.37889	05/13/09 04:38:13
K_7664	766.491	T2CAL3	T2CAL-BLK	.568130	3.56578	05/13/09 04:38:13
Ag3280	328.068	Multiple	Standards	62.0930	5.67319	05/13/09 04:38:13

Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	.554187	-.004223	05/13/09 04:38:13
Tl1908	190.864	Multiple	Standards	79.5484	9.57485	05/13/09 04:38:13
V_2924	292.402	Multiple	Standards	168.424	-.557481	05/13/09 04:38:13
Zn2062	206.200	Multiple	Standards	137.370	-7.92402	05/13/09 04:38:13
B_2496	249.678	Multiple	Standards	91.0587	.850384	05/13/09 04:38:13
Mo2020	202.030	Multiple	Standards	17.1181	-1.00998	05/13/09 04:38:13
Sn1899	189.989	Multiple	Standards	61.7932	-1.08923	05/13/09 04:38:13

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ti3349	334.941	Multiple	Standards	49.5845	1.14516	05/13/09 04:38:13
2203/1	220.351	Multiple	Standards	32.4981	-4.97222	05/13/09 04:38:13
2203/2	220.352	Multiple	Standards	31.1822	1.94935	05/13/09 04:38:13
1960/1	196.021	Multiple	Standards	78.4124	13.1795	05/13/09 04:38:13
1960/2	196.022	Multiple	Standards	84.7341	-7.09682	05/13/09 04:38:13

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	.801932	-.801932
		T2CAL1	25000.0	24889.7	110.320
		T2CAL2	125000.	126670.	-1669.59
		T2CAL3	250000.	248193.	1807.08

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	.049660	-.049660
		T2CAL1	200.000	198.736	1.26393
		T2CAL2	1000.00	1029.93	-29.9279
		T2CAL3	2000.00	2085.59	-85.5937

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	.095976	-.095976
		T2CAL1	1000.00	989.269	10.7307
		T2CAL2	5000.00	5019.55	-19.5493
		T2CAL3	10000.0	10078.1	-78.1377

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.456765	.456765
		T2CAL1	2000.00	2048.54	-48.5444
		T2CAL2	10000.0	10099.3	-99.3301
		T2CAL3	20000.0	19315.9	684.104

CorCoef: 0.99972

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.025453	.025453
		T2CAL1	200.000	202.399	-2.39943
		T2CAL2	1000.00	1004.37	-4.36780
		T2CAL3	2000.00	1958.32	41.6849

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.046103	.046103
		T2CAL1	500.000	506.533	-6.53281
		T2CAL2	2500.00	2529.27	-29.2676
		T2CAL3	5000.00	4931.77	68.2275

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-4.64428	4.64428
		T2CAL1	25000.0	25487.9	-487.896
		T2CAL2	125000.	126266.	-1266.03
		T2CAL3	250000.	242589.	7411.06

CorCoef: 0.99977

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.042435	.042435

		T2CAL1	1000.00	1003.28	-3.28278
		T2CAL2	5000.00	5049.32	-49.3237
		T2CAL3	10000.0	9859.45	140.552

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.014327	.014327
		T2CAL1	500.000	505.098	-5.09827
		T2CAL2	2500.00	2536.54	-36.5381
		T2CAL3	5000.00	4992.54	7.46289

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	.420841	-.420841
		T2CAL1	2500.00	2449.59	50.4128
		T2CAL2	12500.0	12664.4	-164.376
		T2CAL3	25000.0	25175.4	-175.377

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-1.88718	1.88718
		T2CAL1	20000.0	20247.5	-247.473
		T2CAL2	100000.	100884.	-883.836
		T2CAL3	200000.	197308.	2691.83

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	9.19687	-9.19687
		T2CAL1	25000.0	23946.0	1054.05
		T2CAL2	125000.	126448.	-1447.77
		T2CAL3	250000.	257645.	-7644.95

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.148672	.148672
		T2CAL1	1000.00	1015.88	-15.8849
		T2CAL2	5000.00	5054.79	-54.7905
		T2CAL3	10000.0	9747.32	252.680

CorCoef: 0.99981

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.035227	.035227
		T2CAL1	500.000	503.053	-3.05344
		T2CAL2	2500.00	2512.48	-12.4822
		T2CAL3	5000.00	4928.75	71.2490

CorCoef: 0.99995

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	9.00000	9.56509	-.565086
		T2CAL3	409.385	714.307	-304.922

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.058579	-.058579
		T2CAL1	250.000	243.342	6.65797
		T2CAL2	1250.00	1258.06	-8.06287
		T2CAL3	2500.00	2551.26	-51.2639

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	T2CAL-BLK	.058185	.112613	-.054428
		T2CAL3	95.8907	173.037	-77.1465

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK	.000000	.098993	-.098993
		T2CAL1	1000.00	988.574	11.4259
		T2CAL2	5000.00	5043.00	-43.0044
		T2CAL3	10000.0	10042.5	-42.5293

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	-.010939	.010939
		T2CAL1	500.000	501.433	-1.43298
		T2CAL2	2500.00	2524.74	-24.7356
		T2CAL3	5000.00	4956.91	43.0859

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK	.000000	-.120894	.120894
		T2CAL1	500.000	488.207	11.7930
		T2CAL2	2500.00	2363.66	136.343
		T2CAL3	5000.00	4627.72	372.283

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T2CAL-BLK	.000000	.044205	-.044205
		T2CAL1	200.000	195.040	4.96014
		T2CAL2	1000.00	1004.11	-4.10547
		T2CAL3	2000.00	2042.55	-42.5452

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK	.000000	-.014855	.014855
		T2CAL1	500.000	500.358	-.358490
		T2CAL2	2500.00	2520.49	-20.4912
		T2CAL3	5000.00	4932.84	67.1567

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	-.001847	.001847
		T2CAL1	200.000	189.148	10.8522
		T2CAL2	1000.00	948.585	51.4153
		T2CAL3	2000.00	1881.95	118.048

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.153784	.153784
		T2CAL1	2000.00	2015.07	-15.0687
		T2CAL2	10000.0	10107.9	-107.877
		T2CAL3	20000.0	19643.8	356.209

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	.088562	-.088562
		T2CAL1	2000.00	2002.67	-2.66980
		T2CAL2	10000.0	10134.7	-134.723
		T2CAL3	20000.0	20122.5	-122.455

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	.094036	-.094036
		T2CAL1	2000.00	1984.27	15.7303
		T2CAL2	10000.0	10047.1	-47.1133
		T2CAL3	20000.0	19948.7	51.2676

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK	.000000	.228006	-.228006
		T2CAL1	1000.00	973.610	26.3897
		T2CAL2	5000.00	4983.27	16.7314
		T2CAL3	10000.0	10258.8	-258.816

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	.151071	-.151071

T2CAL1	1000.00	976.873	23.1274
T2CAL2	5000.00	4946.62	53.3779
T2CAL3	10000.0	10134.8	-134.779

CorCoef: 0.99992

Method: SW846 Sample Name: ICV 046226 Operator:
Run Time: 05/13/09 16:44:28
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124600.	1006.	5053.	9932.	999.9	2507.	125300.
SDev	137.	3.	7.	21.	2.8	8.	377.
%RSD	.1103	.3431	.1425	.2109	.2817	.3032	.3006
#1	124500.	1009.	5048.	9917.	997.9	2502.	125100.
#2	124700.	1004.	5058.	9947.	1002.	2513.	125600.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4999.	2497.	12420.	99900.	124800.	4984.	2500.
SDev	16.	5.	26.	240.	203.	17.	8.
%RSD	.3249	.2074	.2100	.2405	.1626	.3477	.3354
#1	4987.	2494.	12410.	99730.	124700.	4972.	2494.
#2	5010.	2501.	12440.	100100.	125000.	4996.	2505.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51670.	1244.	10040.	5100.	124000.	5016.	2480.
SDev	31.	3.	40.	19.	79.	10.	10.
%RSD	.0608	.2677	.3975	.3810	.0635	.1918	.3873
#1	51650.	1242.	10020.	5086.	124000.	5010.	2473.
#2	51700.	1247.	10070.	5114.	123900.	5023.	2487.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2518.	1009.	2502.	996.9	9990.	10050.	10040.
SDev	10.	2.	4.	3.1	30.	22.	49.
%RSD	.3936	.2329	.1535	.3118	.2954	.2182	.4872
#1	2511.	1007.	2500.	994.7	9969.	10040.	10000.
#2	2525.	1010.	2505.	999.1	10010.	10070.	10070.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5105.	5098.
SDev	17.	21.
%RSD	.3242	.4094

#1	5094.	5083.
#2	5117.	5112.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	976	--	--	--	--	--	--
SDev	2.464990	--	--	--	--	--	--
%RSD	.2526104	--	--	--	--	--	--
#1	978	--	--	--	--	--	--
#2	974	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:
Run Time: 05/13/09 16:50:42
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	6.393	.2336	2.108	1.130	.1989	.2103	10.56
SDev	10.04	1.263	.476	.746	.0530	.2471	9.54
%RSD	157.0	540.4	22.60	65.99	26.66	117.5	90.27
#1	13.49	1.126	2.445	1.657	.2364	.3850	17.31
#2	-.7061	-.6592	1.772	.6026	.1614	.0355	3.821

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.738	.4771	1.649	19.82	36.19	.6804	.7068
SDev	.543	.0000	1.740	9.12	17.89	.4123	.0931

%RSD	31.22	.0031	105.5	46.04	49.44	60.60	13.17
#1	2.122	.4771	2.879	26.27	48.84	.9720	.7726
#2	1.355	.4771	.4183	13.36	23.54	.3889	.6409

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	243.0	.4686	3.010	1.108	161.3	4.990	.3575
SDev	6.3	.3547	.902	2.377	13.5	1.506	.0319
%RSD	2.586	75.69	29.98	214.5	8.375	30.19	8.918
#1	247.5	.7195	3.648	-.5724	170.8	6.055	.3349
#2	238.6	.2178	2.371	2.789	151.7	3.925	.3800

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8024	1.613	1.493	1.228	1.608	2.474	3.273
SDev	.8166	.570	.265	1.875	.725	.947	1.826
%RSD	101.8	35.36	17.74	152.7	45.08	38.27	55.78
#1	-.2250	2.017	1.680	2.554	2.121	1.804	4.564
#2	-1.380	1.210	1.306	-.0982	1.096	3.143	1.982

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.243	2.771
SDev	1.669	2.731
%RSD	74.43	98.53
#1	-3.423	.8405
#2	-1.062	4.702

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1014	--	--	--	--	--	--
SDev	1.633415	--	--	--	--	--	--
%RSD	.1610620	--	--	--	--	--	--
#1	1015	--	--	--	--	--	--
#2	1013	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 046234 Operator:
Run Time: 05/13/09 16:56:57
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	471700.	-1.425	-2.636	1.047	-.0873	1.504	469200.
SDev	856.	4.077	2.966	.050	.0271	.175	714.
%RSD	.1815	286.1	112.5	4.777	31.05	11.62	.1522
#1	471100.	1.458	-4.733	1.012	-.0681	1.628	469700.
#2	472300.	-4.308	-.5389	1.083	-.1065	1.381	468700.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.027	2.412	4.061	201900.	529500.	-1.331	-.2351
SDev	.233	.619	.612	97.	1291.	.146	.8775

%RSD	22.73	25.65	15.08	.0479	.2438	10.97	373.2
#1	1.192	2.849	4.494	202000.	528600.	-1.227	.3853
#2	.8618	1.974	3.628	201800.	530400.	-1.434	-.8556

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	262.7	-.5737	3.099	-6.037	149.8	-4.769	2.992
SDev	5.2	.2649	.886	.029	107.2	2.461	.264
%RSD	1.979	46.18	28.59	.4854	71.54	51.60	8.808
#1	266.4	-.7610	3.726	-6.016	74.04	-6.509	3.179
#2	259.1	-.3864	2.473	-6.058	225.6	-3.029	2.806

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.847	.6984	-.7430	.0253	-3.817	-5.635	7.455
SDev	.361	.0698	.1483	3.249	.394	2.419	.121
%RSD	12.69	9.999	19.96	12840.	10.31	42.92	1.624
#1	3.102	.6490	-.6382	-2.272	-3.539	-3.925	7.541
#2	2.591	.7478	-.8479	2.323	-4.095	-7.345	7.370

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.2502	-8.937
SDev	2.6768	1.292

%RSD	1070.	14.46
#1	1.643	-9.851
#2	-2.143	-8.023

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	924	--	--	--	--	--	--
SDev	2.969857	--	--	--	--	--	--
%RSD	.3212963	--	--	--	--	--	--
#1	926	--	--	--	--	--	--
#2	922	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 047784 Operator:
Run Time: 05/13/09 17:03:11
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	463000.	103.5	101.8	107.7	99.47	98.86	463000.
SDev	965.	2.5	1.2	.2	.14	.52	609.
%RSD	.2084	2.386	1.140	.1674	.1369	.5237	.1315
#1	462300.	101.8	102.7	107.5	99.38	98.49	462500.
#2	463600.	105.3	101.0	107.8	99.57	99.23	463400.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.79	98.68	108.4	199400.	519600.	98.74	96.24
SDev	.03	.24	.2	398.	1308.	.47	1.05
%RSD	.0327	.2382	.1759	.1996	.2517	.4776	1.091
#1	99.82	98.84	108.5	199100.	518700.	98.41	95.50
#2	99.77	98.51	108.2	199700.	520500.	99.08	96.98

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11190.	102.2	100.1	96.41	10090.	90.25	99.98
SDev	43.	.2	1.2	3.55	47.	1.86	.19

%RSD	.3830	.1760	1.172	3.678	.4635	2.056	.1887
#1	11160.	102.3	100.9	93.90	10120.	91.56	99.85
#2	11220.	102.0	99.24	98.92	10050.	88.93	100.1

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	100.1	100.8	98.03	103.1	98.45	98.66	100.8
SDev	.2	1.0	.72	.9	.21	8.12	5.8
%RSD	.1631	.9765	.7385	.8879	.2092	8.229	5.766
#1	99.99	101.5	98.54	102.5	98.30	92.92	104.9
#2	100.2	100.1	97.52	103.8	98.59	104.4	96.66

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	108.6	90.32
SDev	3.1	3.78
%RSD	2.827	4.189
#1	106.4	87.65
#2	110.7	93.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	939	--	--	--	--	--	--
SDev	2.346175	--	--	--	--	--	--
%RSD	.2499891	--	--	--	--	--	--
#1	940	--	--	--	--	--	--
#2	937	--	--	--	--	--	--

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 05/13/09 17:09:25
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	130.4	-4.134	.0720	19510.	.6366	-1.303	81.98
SDev	2.8	.401	.1459	20.	.0108	.140	5.77
%RSD	2.146	9.706	202.5	.1048	1.697	10.77	7.041
#1	132.4	-4.418	-.0311	19490.	.6442	-1.402	86.06
#2	128.5	-3.850	.1752	19520.	.6289	-1.204	77.90

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20440.	20100.	-.6467	-32.27	71.96	19340.	-.1565
SDev	5.	2.	.1449	8.18	5.75	1.	.4382
%RSD	.0266	.0107	22.41	25.36	7.997	.0045	280.0
#1	20440.	20100.	-.7492	-26.48	76.03	19340.	.1533
#2	20430.	20110.	-.5442	-38.05	67.89	19340.	-.4664

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	273.9	-.9985	1.956	-5.465	271.0	-5.220	19980.
SDev	4.3	.4354	.089	3.042	11.5	3.440	20.
%RSD	1.555	43.61	4.568	55.66	4.247	65.90	.1007
#1	276.9	-.6906	2.019	-3.314	279.1	-2.787	19970.
#2	270.9	-1.306	1.893	-7.616	262.9	-7.652	19990.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5193.	9741.	9882.	10.66	19810.	9.507	-1.818
SDev	6.	17.	11.	1.88	8.	2.240	1.252
%RSD	.1242	.1792	.1076	17.60	.0392	23.56	68.87

#1	5198.	9729.	9874.	9.330	19800.	7.924	-.9327
#2	5188.	9754.	9889.	11.98	19810.	11.09	-2.703

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.765	-4.327
SDev	.557	4.282
%RSD	7.167	98.96
#1	-7.371	-1.299
#2	-8.159	-7.355

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	995	--	--	--	--	--	--
SDev	.9800403	--	--	--	--	--	--
%RSD	.0985422	--	--	--	--	--	--
#1	994	--	--	--	--	--	--
#2	995	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM Operator:
Run Time: 05/13/09 17:15:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	199.7	10.74	4.313	208.4	2.099	3.852	5168.
SDev	2.5	2.26	1.821	.8	.009	.192	5.
%RSD	1.256	21.01	42.23	.3808	.4274	4.980	.0891
#1	201.4	9.148	3.025	209.0	2.105	3.988	5165.
#2	197.9	12.34	5.601	207.9	2.093	3.716	5171.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.54	51.36	25.25	170.8	4743.	17.03	40.80
SDev	.01	.20	.12	4.0	18.	.26	.91
%RSD	.1016	.3965	.4628	2.356	.3751	1.535	2.225
#1	12.53	51.50	25.33	173.7	4756.	17.22	41.44
#2	12.55	51.21	25.17	168.0	4730.	16.85	40.16

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5161.	9.939	7.024	4.740	4766.	13.39	51.57
SDev	20.	.070	.031	.801	9.	1.29	.06
%RSD	.3881	.7068	.4463	16.90	.1972	9.640	.1258
#1	5175.	9.889	7.046	5.306	4759.	14.30	51.62
#2	5147.	9.988	7.002	4.173	4773.	12.47	51.52

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.84	54.40	23.06	50.92	21.88	6.259	7.402
SDev	.29	1.36	.46	.82	.05	2.632	1.361
%RSD	.7854	2.500	1.990	1.606	.2213	42.04	18.39
#1	36.64	55.36	23.39	51.50	21.92	4.398	8.364
#2	37.04	53.44	22.74	50.35	21.85	8.120	6.440

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.6418	6.775
SDev	.5119	.945
%RSD	79.75	13.95
#1	1.004	7.443
#2	.2799	6.107

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	□□Analysis

Report 05/13/09 05:21:49 PM page 26

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1001	--	--	--	--	--	--
SDev	1.039469	--	--	--	--	--	--
%RSD	.1038729	--	--	--	--	--	--
#1	1001	--	--	--	--	--	--
#2	1000	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-6076/1-A Operator:
Run Time: 05/13/09 17:21:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.17	1.525	-.8555	.2320	-.0146	-.1467	4.440
SDev	2.14	.566	.6550	.2949	.0138	.0295	3.009
%RSD	11.80	37.10	76.57	127.1	94.43	20.09	67.75
#1	16.65	1.125	-.3923	.4405	-.0049	-.1675	6.568
#2	19.68	1.926	-1.319	.0235	-.0244	-.1259	2.313

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.548	.5054	.8467	15.02	22.31	.4061	-.8409
SDev	.498	.7129	.1759	.89	1.71	.1375	.3022
%RSD	32.18	141.1	20.78	5.932	7.659	33.86	35.93
#1	1.900	1.010	.7223	14.39	21.10	.5033	-1.055
#2	1.196	.0013	.9711	15.65	23.52	.3089	-.6272

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	□□Analysis

Report 05/13/09 05:28:03 PM page 28

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	228.9	.2520	.8102	1.966	139.5	.3125	1.207
SDev	3.5	.0268	1.069	1.533	92.7	2.516	.384
%RSD	1.510	10.64	131.9	77.94	66.43	805.1	31.77
#1	231.3	.2709	1.566	.8826	205.0	-1.467	1.478
#2	226.4	.2330	.0545	3.050	73.96	2.092	.9360

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9202	2.781	1.670	4.034	.2686	1.545	.4388
SDev	.0676	.141	.624	.202	.1104	.432	1.387
%RSD	7.347	5.064	37.37	5.015	41.10	27.99	316.0
#1	.9680	2.681	1.229	4.177	.3467	1.851	1.419
#2	.8724	2.881	2.112	3.891	.1905	1.239	-.5416

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-8.184	7.023
SDev	1.797	1.400
%RSD	21.96	19.94
#1	-9.455	6.033
#2	-6.913	8.014

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	991	--	--	--	--	--	--
SDev	4.900245	--	--	--	--	--	--
%RSD	.4945950	--	--	--	--	--	--
#1	994	--	--	--	--	--	--
#2	987	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-6076/2-A Operator:
Run Time: 05/13/09 17:28:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2142.	510.3	2036.	2118.	52.36	52.73	21400.
SDev	23.	3.7	28.	17.	.35	.38	148.
%RSD	1.057	.7336	1.380	.8256	.6761	.7282	.6920
#1	2158.	513.0	2055.	2131.	52.61	53.00	21510.
#2	2126.	507.7	2016.	2106.	52.11	52.46	21300.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	213.5	514.7	258.1	1092.	20000.	534.9	521.4
SDev	.8	3.1	2.1	6.	187.	4.0	2.3
%RSD	.3818	.5995	.8064	.5744	.9359	.7445	.4447
#1	214.1	516.8	259.5	1088.	20130.	537.7	523.0
#2	213.0	512.5	256.6	1097.	19870.	532.1	519.8

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21460.	49.80	522.1	2021.	19940.	2050.	522.4
SDev	216.	.55	2.1	13.	156.	12.	2.4
%RSD	1.006	1.109	.4004	.6638	.7805	.6094	.4534
#1	21610.	50.19	523.6	2031.	20050.	2059.	524.1
#2	21300.	49.41	520.6	2012.	19830.	2041.	520.8

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	539.5	507.1	518.8	506.4	529.4	519.8	523.2
SDev	3.8	3.4	1.5	4.7	3.6	10.6	2.2
%RSD	.7054	.6683	.2805	.9362	.6868	2.048	.4166
#1	542.2	509.5	519.9	509.8	532.0	527.3	521.7
#2	536.8	504.7	517.8	503.1	526.8	512.3	524.8

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2000.	2032.
SDev	33.	4.
%RSD	1.654	.1773
#1	2024.	2034.
#2	1977.	2029.

IntStd	1	2	3	4	5	6	7

□□Analysis Report 05/13/09 05:34:17 PM page 31

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	976	--	--	--	--	--	--
SDev	.7127605	--	--	--	--	--	--
%RSD	.0730133	--	--	--	--	--	--
#1	977	--	--	--	--	--	--
#2	976	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-C-13-C DU Operator:
Run Time: 05/13/09 17:34:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35180.	.6657	1.889	253.0	1.322	-.7370	6298.
SDev	15.	3.091	1.860	.2	.074	.1022	15.
%RSD	.0431	464.3	98.45	.0722	5.560	13.86	.2365

#1	35170.	2.851	.5740	253.1	1.374	-.6648	6287.
#2	35190.	-1.520	3.205	252.9	1.270	-.8093	6308.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.73	2.270	30.08	13500.	1036.	58.29	14.34
SDev	.49	.312	.17	22.	1.	.26	.48
%RSD	1.012	13.76	.5801	.1617	.1404	.4399	3.350

#1	49.08	2.049	29.96	13480.	1035.	58.11	14.00
#2	48.38	2.491	30.20	13510.	1037.	58.47	14.68

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3466.	.2625	10.94	1.412	3757.	-3.464	36.27
SDev	6.	.0261	.48	.722	11.	.066	.10
%RSD	.1854	9.960	4.371	51.10	.3013	1.913	.2655

#1	3461.	.2810	11.28	1.923	3765.	-3.418	36.34
#2	3471.	.2441	10.61	.9021	3749.	-3.511	36.21

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	121.5	8.780	6.960	7.198	293.2	9.786	11.52
SDev	1.0	.319	.169	1.534	.4	.762	.34
%RSD	.8594	3.636	2.423	21.30	.1431	7.784	2.925

#1	120.7	8.555	7.079	6.114	293.5	10.32	11.76
#2	122.2	9.006	6.841	8.283	292.9	9.248	11.28

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.449	4.329
SDev	2.544	.188
%RSD	57.19	4.346

#1	-2.650	4.196
#2	-6.248	4.462

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1030	--	--	--	--	--	--
SDev	.9206544	--	--	--	--	--	--
%RSD	.0893595	--	--	--	--	--	--

#1	1031	--	--	--	--	--	--
#2	1030	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-C-13-B Operator:
Run Time: 05/13/09 17:40:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36420.	-.1478	-.2517	255.5	1.348	-.9218	6313.
SDev	218.	1.4018	4.2977	1.1	.011	.0471	49.
%RSD	.5987	948.2	1708.	.4386	.8526	5.108	.7810

#1	36570.	.8434	-3.291	256.3	1.357	-.9551	6348.
#2	36260.	-1.139	2.787	254.7	1.340	-.8885	6279.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.06	2.331	30.80	13770.	1056.	58.73	15.62
SDev	.40	.308	.12	96.	12.	.13	.48
%RSD	.7899	13.20	.3749	.6980	1.150	.2135	3.080

#1	49.78	2.113	30.88	13840.	1064.	58.82	15.96
#2	50.34	2.548	30.72	13710.	1047.	58.64	15.28

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3532.	.7568	11.61	.5974	3826.	-.4628	37.20
SDev	27.	.1008	.56	.6190	1.	.5673	.29
%RSD	.7764	13.32	4.840	103.6	.0269	122.6	.7895
#1	3552.	.6855	12.01	1.035	3825.	-.8639	37.40
#2	3513.	.8281	11.21	.1597	3826.	-.0617	36.99

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123.2	8.474	6.757	5.806	301.7	9.117	12.85
SDev	1.0	.958	.039	.863	2.2	1.215	.24
%RSD	.8289	11.30	.5791	14.87	.7295	13.33	1.836
#1	123.9	9.151	6.784	6.416	303.2	9.976	13.02
#2	122.5	7.797	6.729	5.195	300.1	8.257	12.69

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.883	3.323
SDev	.481	.688
%RSD	9.853	20.70
#1	-4.542	3.809
#2	-5.223	2.837

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1036	--	--	--	--	--	--
SDev	3.385602	--	--	--	--	--	--
%RSD	.3267911	--	--	--	--	--	--
#1	1034	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-1520-C-13-B@5 Operator:
Run Time: 05/13/09 17:46:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H7561.	1.288	.0040	51.82	.3173	-.4505	H1294.
SDev	29.	.305	2.125	.17	.0204	.0984	1.
%RSD	.3839	23.71	53730.	.3305	6.437	21.85	.1132
#1	H7581.	1.072	-1.499	51.94	.3029	-.3809	H1295.
#2	H7540.	1.503	1.507	51.70	.3317	-.5200	H1293.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H10.79	.7889	6.360	H2846.	220.7	12.04	3.365
SDev	.17	.2538	.422	7.	7.0	.05	.399
%RSD	1.529	32.17	6.636	.2554	3.169	.4027	11.84
#1	H10.68	.6094	6.062	H2851.	215.8	12.00	3.083
#2	H10.91	.9683	6.659	H2841.	225.6	12.07	3.647

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	857.4	.1739	2.692	-1.164	949.6	2.042	7.888
SDev	.0	.3611	.309	1.710	35.1	1.165	.220
%RSD	.0032	207.7	11.47	146.8	3.691	57.05	2.786
#1	857.5	.4292	2.910	.0446	924.8	2.866	8.044
#2	857.4	-.0815	2.473	-2.373	974.4	1.218	7.733

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.96	2.164	1.162	2.521	H61.39	4.412	1.828
SDev	.15	.578	.845	1.154	.28	1.314	1.119
%RSD	.5878	26.71	72.65	45.75	.4483	29.77	61.20
#1	25.06	2.573	1.760	3.337	H61.59	3.484	2.619
#2	24.85	1.756	.5653	1.706	H61.20	5.341	1.037

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.521	1.999
SDev	2.401	3.762
%RSD	31.92	188.2
#1	-9.219	4.659
#2	-5.824	-.6611

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1008	--	--	--	--	--	--
SDev	1.692844	--	--	--	--	--	--
%RSD	.1679864	--	--	--	--	--	--
#1	1007	--	--	--	--	--	--
#2	1009	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-C-13-D MS Operator:
Run Time: 05/13/09 17:53:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49140.	430.5	1842.	2172.	48.93	46.45	25500.
SDev	492.	9.1	27.	26.	.67	.88	340.
%RSD	1.001	2.106	1.465	1.215	1.368	1.904	1.332
#1	49480.	436.9	1861.	2191.	49.40	47.08	25740.
#2	48790.	424.1	1823.	2154.	48.45	45.83	25260.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	241.4	467.6	268.0	14870.	19300.	544.6	486.7
SDev	3.4	6.8	3.2	205.	201.	6.9	6.7
%RSD	1.390	1.453	1.207	1.380	1.043	1.267	1.382
#1	243.8	472.4	270.3	15020.	19440.	549.4	491.5
#2	239.1	462.8	265.7	14730.	19160.	539.7	482.0

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22660.	45.03	475.9	1808.	22040.	1866.	508.6
SDev	217.	.84	2.6	13.	154.	25.	7.9
%RSD	.9572	1.855	.5391	.7034	.7002	1.332	1.555
#1	22810.	45.62	477.8	1817.	22150.	1883.	514.2
#2	22510.	44.44	474.1	1799.	21930.	1848.	503.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	607.5	465.3	460.8	452.8	721.7	473.7	477.1
SDev	9.4	3.9	6.4	7.6	9.4	3.3	5.5
%RSD	1.546	.8343	1.398	1.685	1.297	.7016	1.154
#1	614.2	468.0	465.3	458.2	728.3	471.4	480.9
#2	600.9	462.5	456.2	447.4	715.0	476.1	473.2

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1792.	1817.
SDev	2.	20.
%RSD	.1079	1.103

#1	1791.	1831.	
#2	1794.	1802.	□□Analysis Report 05/13/09 05:59:13 PM page 41

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1018	--	--	--	--	--	--
SDev	10.45391	--	--	--	--	--	--
%RSD	1.026699	--	--	--	--	--	--
#1	1011	--	--	--	--	--	--
#2	1026	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 046226 Operator:
Run Time: 05/13/09 17:59:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126000.	1012.	5071.	10050.	1000.	2508.	125100.
SDev	28.	4.	18.	14.	1.	4.	49.
%RSD	.0223	.3770	.3519	.1439	.1112	.1762	.0396
#1	126000.	1009.	5058.	10040.	999.5	2504.	125100.
#2	126000.	1014.	5083.	10060.	1001.	2511.	125100.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5015.	2498.	12590.	100100.	126100.	4999.	2505.
SDev	1.	3.	14.	200.	52.	5.	5.
%RSD	.0275	.1224	.1141	.2001	.0413	.1086	.1918
#1	5014.	2496.	12580.	99950.	126100.	4995.	2501.
#2	5016.	2500.	12600.	100200.	126200.	5003.	2508.

□□Analysis Report 05/13/09 06:05:27 PM page 43

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52590.	1254.	10090.	5117.	126200.	5065.	2499.
SDev	69.	2.	16.	11.	13.	7.	3.
%RSD	.1312	.1381	.1606	.2098	.0106	.1390	.1001
#1	52540.	1253.	10100.	5110.	126200.	5060.	2498.
#2	52640.	1255.	10080.	5125.	126200.	5070.	2501.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2500.	1013.	2506.	995.8	10060.	10090.	10100.
SDev	1.	.	9.	3.5	11.	8.	20.
%RSD	.0240	.0312	.3693	.3511	.1051	.0811	.2003
#1	2499.	1012.	2499.	998.3	10060.	10090.	10110.
#2	2500.	1013.	2512.	993.3	10070.	10080.	10080.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5110.	5121.
SDev	9.	12.
%RSD	.1751	.2271
#1	5104.	5113.
#2	5116.	5129.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	966	--	--	--	--	--	--
SDev	3.415338	--	--	--	--	--	--
%RSD	.3535931	--	--	--	--	--	--
#1	968	--	--	--	--	--	--
#2	963	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 18:05:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.37	-.1657	.5210	-.1007	.0372	-.0934	-5.966
SDev	.43	3.4269	1.010	.2523	.0686	.0158	1.284
%RSD	3.790	2068.	193.9	250.6	184.4	16.87	21.52
#1	11.68	2.258	1.235	.0777	.0857	-.0823	-5.058
#2	11.07	-2.589	-.1931	-.2791	-.0113	-.1045	-6.874

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6617	.1979	.6861	9.163	12.71	.0520	.6865
SDev	.2634	.2561	.0050	9.256	1.69	.0696	.3896
%RSD	39.81	129.4	.7228	101.0	13.30	133.9	56.75
#1	.4754	.3790	.6826	2.618	11.51	.1012	.9620
#2	.8480	.0168	.6896	15.71	13.90	.0028	.4110

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	225.4	.0600	1.575	-.2671	136.1	5.326	.5060
SDev	2.4	.0824	.661	.1609	55.1	5.001	.0737
%RSD	1.067	137.2	41.95	60.26	40.52	93.90	14.56
#1	223.7	.0018	1.108	-.3809	175.1	8.862	.5581
#2	227.1	.1183	2.043	-.1533	97.09	1.790	.4539

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.149	.8509	1.102	1.709	.2286	2.309	1.205
SDev	.256	.3862	.196	.775	.0360	1.807	1.893
%RSD	22.24	45.39	17.77	45.36	15.73	78.28	157.1
#1	-1.330	.5778	.9637	2.257	.2541	3.586	-.1338
#2	-.9683	1.124	1.241	1.161	.2032	1.031	2.544

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.231	1.202
SDev	3.615	2.046
%RSD	111.9	170.2
#1	-.6749	-.2446
#2	-5.787	2.649

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1001	--	--	--	--	--	--
SDev	.9503474	--	--	--	--	--	--
%RSD	.0949292	--	--	--	--	--	--
#1	1002	--	--	--	--	--	--
#2	1000	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-1-B DU Operator:
Run Time: 05/13/09 18:11:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6185.	-1.194	4.444	282.2	.5665	-.5337	53020.
SDev	13.	.119	2.591	.3	.0263	.0371	69.
%RSD	.2038	9.947	58.31	.1176	4.652	6.948	.1300
#1	6194.	-1.110	6.276	282.4	.5851	-.5600	52980.
#2	6176.	-1.278	2.612	282.0	.5478	-.5075	53070.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.06	4.710	29.16	23340.	26220.	544.5	7.463
SDev	.53	.145	.14	11.	50.	.6	.138
%RSD	4.778	3.084	.4969	.0473	.1890	.1026	1.844

#1	10.69	4.608	29.06	23330.	26190.	544.1	7.365
#2	11.44	4.813	29.27	23340.	26260.	544.9	7.560

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8684.	.7042	3.133	1.528	135800.	1.377	10.64
SDev	14.	.0437	.253	2.249	375.	.582	.30
%RSD	.1555	6.206	8.079	147.2	.2763	42.30	2.802
#1	8694.	.7351	3.311	-.0619	136000.	.9653	10.85
#2	8675.	.6733	2.954	3.118	135500.	1.789	10.43

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.71	42.71	1.568	7.919	130.8	3.161	3.114
SDev	.38	.08	.486	.931	.5	4.680	2.716
%RSD	.8958	.1968	31.02	11.75	.3444	148.1	87.22
#1	42.44	42.77	1.912	7.261	130.5	-.1484	5.034
#2	42.98	42.65	1.224	8.577	131.2	6.470	1.193

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-8.538	6.543
SDev	8.776	1.010
%RSD	102.8	15.44
#1	-14.74	7.257
#2	-2.333	5.829

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	981	--	--	--	--	--	--
SDev	4.217177	--	--	--	--	--	--
%RSD	.4299986	--	--	--	--	--	--
#1	984	--	--	--	--	--	--
#2	978	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-1-A Operator:
Run Time: 05/13/09 18:17:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6217.	-2.596	1.897	278.2	.5143	-.2721	51430.
SDev	6.	3.529	2.933	.2	.0105	.2374	298.
%RSD	.0885	136.0	154.6	.0604	2.037	87.24	.5793
#1	6221.	-5.091	3.971	278.1	.5069	-.4400	51220.
#2	6213.	-.1000	-.1764	278.3	.5217	-.1043	51640.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.56	4.841	26.60	22930.	25640.	530.8	6.915

SDev	.83	.755	.45	146.	19.	2.4	.541
%RSD	7.855	15.60	1.702	.6354	.0755	.4447	7.820
#1	9.969	4.307	26.28	22830.	25630.	529.1	7.298
#2	11.14	5.375	26.92	23030.	25660.	532.5	6.533

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8573.	1.740	4.546	.3895	133400.	-1.368	10.32
SDev	24.	.393	.374	.3341	121.	4.041	.55
%RSD	.2787	22.60	8.228	85.78	.0907	295.4	5.362
#1	8590.	1.462	4.811	.6258	133500.	-4.225	9.930
#2	8556.	2.018	4.282	.1532	133300.	1.489	10.71

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.11	41.35	.9629	3.034	129.9	2.988	5.319
SDev	1.75	.53	1.298	.922	.4	5.537	3.325
%RSD	9.134	1.280	134.8	30.40	.3066	185.3	62.51
#1	17.87	40.98	.0452	2.382	129.6	-.9268	7.671
#2	20.34	41.73	1.881	3.686	130.2	6.904	2.968

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.878	4.506
SDev	6.415	3.704
%RSD	81.43	82.19

#1	-12.41	7.125
#2	-3.342	1.888

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	994	--	--	--	--	--	--
SDev	4.543886	--	--	--	--	--	--
%RSD	.4569609	--	--	--	--	--	--
#1	991	--	--	--	--	--	--
#2	998	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-1570-C-1-A@5 Operator:
Run Time: 05/13/09 18:24:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1244.	-.2466	-.8074	54.44	.1503	-.1508	10580.
SDev	7.	2.4946	.1077	.12	.0107	.0034	5.
%RSD	.5323	1011.	13.34	.2274	7.097	2.260	.0431
#1	1249.	1.517	-.8835	54.52	.1579	-.1532	10570.
#2	1240.	-2.011	-.7312	54.35	.1428	-.1484	10580.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.287	2.073	5.831	4719.	5107.	107.4	1.738
SDev	.112	.451	.125	7.	14.	.0	.173
%RSD	3.418	21.77	2.138	.1528	.2806	.0308	9.942

#1	3.366	2.392	5.743	4724.	5117.	107.4	1.860
#2	3.207	1.754	5.919	4714.	5097.	107.4	1.616

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1750.	.8670	1.890	-.2467	26340.	2.446	2.369
SDev	6.	.2527	1.462	.7760	173.	2.575	.127

%RSD	.3328	29.14	77.35	314.6	.6571	105.3	5.344
#1	1754.	.6883	2.924	-.7954	26470.	4.267	2.458
#2	1746.	1.046	.8563	.3020	26220.	.6247	2.279

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.488	8.650	.5029	3.782	26.25	1.273	2.194
SDev	.604	.627	.5063	3.936	.08	3.326	.531
%RSD	17.30	7.254	100.7	104.1	.3190	261.2	24.22
#1	3.061	8.207	.8609	.9987	26.19	3.626	2.569
#2	3.915	9.094	.1450	6.564	26.31	-1.079	1.818

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.700	1.966
SDev	.515	1.420
%RSD	10.95	72.24
#1	-4.336	.9618
#2	-5.064	2.971

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	999	--	--	--	--	--	--
SDev	2.257096	--	--	--	--	--	--
%RSD	.2260089	--	--	--	--	--	--
#1	997	--	--	--	--	--	--
#2	1000	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-1-C MS Operator:
Run Time: 05/13/09 18:30:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11120.	479.3	1929.	2290.	49.54	48.86	72320.
SDev	24.	2.5	6.	5.	.04	.07	165.
%RSD	.2144	.5122	.2973	.2270	.0816	.1524	.2287
#1	11100.	481.1	1933.	2286.	49.51	48.81	72440.
#2	11140.	477.6	1925.	2293.	49.57	48.91	72210.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	209.2	489.6	274.0	23600.	45470.	1042.	496.4
SDev	.4	.4	1.2	70.	46.	1.	1.1
%RSD	.1969	.0863	.4392	.2955	.1012	.0854	.2252
#1	208.9	489.9	273.1	23650.	45440.	1042.	495.7
#2	209.5	489.3	274.8	23560.	45500.	1041.	497.2

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29500.	47.81	490.8	1916.	154100.	1935.	499.2
SDev	98.	.18	.1	5.	184.	8.	1.0
%RSD	.3327	.3717	.0223	.2428	.1193	.4193	.1948
#1	29440.	47.68	490.8	1919.	153900.	1940.	499.9
#2	29570.	47.93	490.9	1913.	154200.	1929.	498.5

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	518.4	514.8	481.7	477.2	620.3	495.0	488.8
SDev	1.5	2.0	.8	.4	.3	4.7	2.5
%RSD	.2838	.3946	.1754	.0802	.0498	.9590	.5185
#1	519.5	516.2	481.1	476.9	620.0	498.4	487.0
#2	517.4	513.3	482.3	477.5	620.5	491.7	490.5

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1902.	1923.
SDev	8.	11.
%RSD	.4021	.5614

#1	1897.	1930.
#2	1908.	1915.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	975	--	--	--	--	--	--
SDev	1.098812	--	--	--	--	--	--
%RSD	.1127025	--	--	--	--	--	--
#1	974	--	--	--	--	--	--
#2	976	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1509-I-5-A Operator:
Run Time: 05/13/09 18:36:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-42.56	-.2340	2.185	89.17	.6886	-.1905	13460.
SDev	1.97	1.4869	.574	.27	.0025	.0204	100.
%RSD	4.633	635.3	26.28	.3083	.3631	10.71	.7458
#1	-43.95	-1.285	1.779	89.37	.6903	-.2049	13540.
#2	-41.17	.8174	2.591	88.98	.6868	-.1761	13390.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.162	3.288	29.59	6961.	4375.	24.23	7.981
SDev	.185	.256	.30	41.	6.	.16	.247

%RSD	15.97	7.775	1.017	.5870	.1428	.6565	3.100
#1	1.031	3.469	29.81	6990.	4380.	24.35	8.156
#2	1.293	3.108	29.38	6932.	4371.	24.12	7.806

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12180.	.3980	31.30	2.302	50330.	2.580	2.591
SDev	30.	.1810	1.14	.499	93.	.194	.020
%RSD	.2492	45.46	3.631	21.66	.1856	7.535	.7828
#1	12160.	.5260	32.10	2.655	50260.	2.443	2.577
#2	12200.	.2701	30.49	1.950	50400.	2.718	2.605

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.58	16.55	1.556	1.842	.3026	31.77	31.06
SDev	.22	1.00	1.044	2.494	.0016	.05	1.68
%RSD	.7474	6.036	67.08	135.4	.5256	.1583	5.405
#1	29.73	17.25	.8178	3.605	.3015	31.81	32.25
#2	29.42	15.84	2.294	.0782	.3038	31.73	29.87

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.5827	3.153
SDev	1.603	1.548
%RSD	275.2	49.11
#1	-.5511	4.247
#2	1.716	2.058

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1263	--	--	--	--	--	--
SDev	2.464947	--	--	--	--	--	--
%RSD	.1952370	--	--	--	--	--	--
#1	1261	--	--	--	--	--	--
#2	1264	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-E-1-B Operator:
Run Time: 05/13/09 18:42:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46290.	-2.266	5.009	1860.	4.659	-1.010	23730.
SDev	43.	1.026	2.106	1.	.005	.114	28.
%RSD	.0930	45.30	42.04	.0472	.1100	11.28	.1168
#1	46260.	-2.992	3.520	1861.	4.655	-1.090	23710.
#2	46320.	-1.540	6.498	1860.	4.663	-.9292	23750.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	92.91	9.376	47.02	59390.	13970.	211.2	33.44
SDev	.06	.565	.36	62.	31.	.0	.33
%RSD	.0655	6.025	.7690	.1041	.2228	.0051	.9959
#1	92.86	9.776	47.28	59340.	13990.	211.2	33.67
#2	92.95	8.977	46.77	59430.	13950.	211.2	33.20

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9200.	.1358	17.90	1.433	71340.	-1.676	52.41
SDev	10.	.2392	1.17	1.746	52.	1.626	.21
%RSD	.1098	176.1	6.540	121.8	.0722	97.02	.4030
#1	9193.	-.0333	17.07	2.667	71300.	-.5262	52.26
#2	9208.	.3049	18.73	.1984	71380.	-2.826	52.56

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	814.3	18.59	18.74	9.105	492.5	14.67	19.51
SDev	1.2	.27	.13	6.189	.2	2.75	.38
%RSD	.1491	1.465	.6827	67.97	.0308	18.77	1.940
#1	815.1	18.79	18.83	4.729	492.4	12.72	19.24
#2	813.4	18.40	18.65	13.48	492.6	16.62	19.78

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.537	3.904
SDev	1.072	2.082
%RSD	30.30	53.33
#1	-2.779	5.377
#2	-4.295	2.432

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1047	--	--	--	--	--	--
SDev	1.603765	--	--	--	--	--	--
%RSD	.1532114	--	--	--	--	--	--
#1	1046	--	--	--	--	--	--
#2	1048	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-E-13-C Operator:
Run Time: 05/13/09 18:49:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30620.	.6472	1.108	218.8	1.123	-.6818	5988.
SDev	31.	.9828	.267	.1	.086	.1133	21.
%RSD	.1025	151.9	24.12	.0563	7.692	16.61	.3555
#1	30600.	1.342	.9187	218.9	1.184	-.6017	6003.
#2	30650.	-.0478	1.297	218.7	1.062	-.7619	5973.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.77	1.516	30.94	12090.	977.0	52.73	12.47
SDev	.66	.251	.37	51.	8.1	.11	.87
%RSD	1.512	16.57	1.181	.4201	.8329	.2092	6.959
#1	44.24	1.693	31.20	12130.	982.7	52.80	13.08
#2	43.30	1.338	30.68	12050.	971.2	52.65	11.86

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2971.	.2227	10.06	.2632	3526.	.3229	32.23
SDev	.	.0979	.80	1.677	59.	2.297	.69
%RSD	.0142	43.96	7.946	637.1	1.676	711.3	2.126
#1	2971.	.1535	10.62	-.9225	3568.	-1.301	32.71
#2	2972.	.2920	9.494	1.449	3484.	1.947	31.74

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	108.8	6.751	5.775	5.713	263.6	9.996	10.09
SDev	1.0	1.853	.719	1.396	.8	.387	1.01
%RSD	.8958	27.44	12.45	24.43	.3118	3.869	9.967
#1	109.5	8.061	5.266	6.700	264.2	10.27	10.80
#2	108.2	5.441	6.283	4.726	263.0	9.723	9.375

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.473	3.117
SDev	7.581	1.271
%RSD	138.5	40.77
#1	-10.83	4.015
#2	-.1131	2.218

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1014	--	--	--	--	--	--
SDev	2.108589	--	--	--	--	--	--
%RSD	.2079076	--	--	--	--	--	--
#1	1013	--	--	--	--	--	--
#2	1016	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-16-B Operator:
Run Time: 05/13/09 18:55:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.34	-.0716	-.6482	43.44	.1043	-.1859	5990.
SDev	1.72	.0031	.5421	.15	.0227	.2741	19.
%RSD	15.14	4.324	83.62	.3349	21.74	147.5	.3125

#1	12.55	-.0738	-.2649	43.55	.0883	.0080	6004.
#2	10.12	-.0694	-1.032	43.34	.1204	-.3797	5977.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.146	-.2311	1.450	1338.	514.6	33.88	2.629
SDev	.346	.4466	.163	16.	1.2	.15	1.363
%RSD	30.19	193.2	11.22	1.176	.2245	.4461	51.86
#1	1.391	.0847	1.565	1349.	515.4	33.98	3.593
#2	.9017	-.5469	1.335	1327.	513.8	33.77	1.665

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1350.	.0288	2.481	.0517	6741.	2.066	.5009
SDev	1.	.4718	.251	2.804	47.	1.679	.6496
%RSD	.0858	1641.	10.11	5421.	.6906	81.26	129.7
#1	1351.	.3624	2.303	-1.931	6774.	3.253	.9603
#2	1350.	-.3049	2.658	2.034	6708.	.8789	.0416

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.72	4.436	2.542	3.277	-.2266	3.316	2.059
SDev	1.01	.138	.647	2.030	.1023	2.130	.687
%RSD	2.306	3.102	25.46	61.93	45.16	64.23	33.37
#1	44.44	4.533	2.999	4.712	-.1543	1.810	2.545
#2	43.01	4.339	2.084	1.842	-.2990	4.821	1.573

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-10.50	5.310
SDev	3.79	2.313

%RSD	36.05	43.57
#1	-13.18	3.674
#2	-7.824	6.945

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	996	--	--	--	--	--	--
SDev	2.346175	--	--	--	--	--	--
%RSD	.2356471	--	--	--	--	--	--
#1	994	--	--	--	--	--	--
#2	997	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-17-B Operator:
Run Time: 05/13/09 19:01:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.92	1.004	-1.131	73.21	.2471	-.2910	2057.
SDev	1.81	.492	.358	.02	.0207	.2307	8.
%RSD	3.350	49.02	31.69	.0269	8.371	79.26	.3823
#1	52.65	1.352	-1.384	73.22	.2618	-.4542	2062.
#2	55.20	.6561	-.8772	73.19	.2325	-.1279	2051.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.140	1.392	1.850	1412.	735.3	24.55	2.254
SDev	.749	.717	.593	8.	5.9	.18	.380
%RSD	65.72	51.49	32.05	.5770	.7998	.7203	16.88

#1	1.669	1.899	2.269	1418.	739.4	24.68	1.985
#2	.6101	.8854	1.431	1406.	731.1	24.43	2.523

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3798.	.3313	1.979	-1.043	52010.	-2.278	1.187
SDev	13.	.5442	1.394	.048	127.	.954	.542
%RSD	.3317	164.3	70.43	4.616	.2448	41.89	45.63

#1	3789.	.7161	.9936	-1.009	51920.	-2.953	1.571
#2	3807.	-.0536	2.965	-1.077	52100.	-1.603	.8044

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	74.79	21.02	1.784	1.516	-.1706	4.213	.8596
SDev	.24	1.48	.896	.386	.2873	1.089	1.546
%RSD	.3247	7.027	50.20	25.49	168.4	25.86	179.9

#1	74.96	22.07	2.418	1.790	.0326	3.443	-.2337
#2	74.62	19.98	1.151	1.243	-.3737	4.983	1.953

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-10.29	3.562
SDev	2.12	.988
%RSD	20.64	27.73

#1	-8.788	2.864
#2	-11.79	4.261

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	982	--	--	--	--	--	--
SDev	1.455214	--	--	--	--	--	--
%RSD	.1481283	--	--	--	--	--	--

#1	983	--	--	--	--	--	--
#2	981	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-18-B Operator:
Run Time: 05/13/09 19:07:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25.30	-.6909	.9949	142.8	.1094	-.4542	7877.
SDev	.18	1.0133	1.264	.0	.0080	.4509	22.
%RSD	.7193	146.7	127.0	.0087	7.360	99.27	.2787

#1	25.43	-1.407	1.889	142.9	.1037	-.1354	7893.
#2	25.17	.0256	.1012	142.8	.1150	-.7731	7862.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9759	.3648	.1803	1293.	1276.	47.50	1.567
SDev	.1080	.8309	.1340	18.	4.	.07	.236
%RSD	11.07	227.8	74.30	1.403	.2979	.1374	15.04

#1	1.052	.9523	.0856	1305.	1278.	47.45	1.734
#2	.8996	-.2227	.2750	1280.	1273.	47.55	1.400

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2356.	.0392	2.694	.8637	18920.	.3648	.2888
SDev	6.	.3790	.944	.3398	53.	.9309	.0731
%RSD	.2361	966.5	35.04	39.34	.2810	255.1	25.29

#1	2360.	.3072	2.027	.6234	18880.	-.2934	.2372
#2	2352.	-.2288	3.362	1.104	18950.	1.023	.3405

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	35.43	13.97	.0740	4.962	-.3016	3.385	2.345
SDev	.13	.62	.0083	2.183	.0659	2.349	.243
%RSD	.3777	4.434	11.15	43.99	21.84	69.40	10.35
#1	35.52	14.41	.0681	3.418	-.2550	1.724	2.173
#2	35.33	13.54	.0798	6.505	-.3482	5.046	2.516

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-10.19	6.372
SDev	2.38	1.696
%RSD	23.32	26.61
#1	-8.510	5.173
#2	-11.87	7.571

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	998	--	--	--	--	--	--
SDev	3.029243	--	--	--	--	--	--
%RSD	.3036707	--	--	--	--	--	--
#1	995	--	--	--	--	--	--
#2	1000	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 046226 Operator:
Run Time: 05/13/09 19:14:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124800.	1012.	5046.	9972.	993.7	2489.	124500.
SDev	67.	2.	3.	10.	4.6	14.	740.
%RSD	.0537	.1765	.0630	.1045	.4650	.5581	.5943
#1	124700.	1011.	5044.	9965.	990.4	2479.	124000.
#2	124800.	1013.	5048.	9980.	997.0	2499.	125100.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4977.	2479.	12450.	99450.	124900.	4963.	2487.
SDev	28.	12.	4.	399.	51.	26.	13.
%RSD	.5589	.4683	.0282	.4017	.0406	.5283	.5165
#1	4957.	2470.	12450.	99160.	124900.	4944.	2478.
#2	4996.	2487.	12440.	99730.	125000.	4981.	2496.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52260.	1244.	10020.	5087.	125400.	5011.	2469.
SDev	22.	2.	23.	17.	36.	11.	9.
%RSD	.0415	.1854	.2272	.3263	.0291	.2139	.3715
#1	52280.	1243.	10000.	5075.	125400.	5003.	2463.
#2	52250.	1246.	10030.	5098.	125300.	5019.	2476.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2484.	1000.	2495.	993.4	9969.	10030.	10010.
SDev	20.	3.	5.	4.8	31.	29.	19.
%RSD	.7935	.3247	.2076	.4832	.3062	.2920	.1948
#1	2470.	998.2	2491.	990.0	9947.	10010.	9996.
#2	2498.	1003.	2499.	996.8	9991.	10050.	10020.

Elem	1960/1	1960/2
Units	ppb	ppb

Avge	5070.	5095.
SDev	22.	14.
%RSD	.4266	.2764
#1	5054.	5085.
#2	5085.	5105.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	969	--	--	--	--	--	--
SDev	3.860775	--	--	--	--	--	--
%RSD	.3984190	--	--	--	--	--	--
#1	972	--	--	--	--	--	--
#2	966	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 19:20:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.470	.2087	-.9186	-.0442	.0762	.0050	-6.458
SDev	1.713	.4123	3.0462	.1660	.0056	.0522	1.524
%RSD	69.38	197.5	331.6	375.6	7.347	1042.	23.60
#1	1.258	.5002	1.235	.0732	.0801	-.0319	-5.380
#2	3.681	-.0828	-3.073	-.1616	.0722	.0420	-7.536

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7489	.2973	.6333	9.840	12.42	.0474	.3134
SDev	.1291	.3778	.0108	6.706	1.15	.0683	.3060
%RSD	17.24	127.1	1.703	68.15	9.235	144.0	97.64
#1	.8402	.0301	.6256	14.58	13.24	.0958	.0970
#2	.6576	.5644	.6409	5.098	11.61	-.0009	.5298

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	209.3	.3169	.5633	.2508	91.45	1.277	.1310
SDev	3.6	.5315	1.001	.5676	5.69	.147	.0322
%RSD	1.697	167.7	177.6	226.3	6.217	11.52	24.57
#1	211.8	-.0590	-.1442	-.1505	95.47	1.173	.1082
#2	206.8	.6927	1.271	.6521	87.43	1.381	.1537

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.487	1.211	.1540	3.285	.3602	-.9882	1.333
SDev	.326	.510	.0517	1.691	.2096	1.8714	.566
%RSD	21.91	42.09	33.56	51.48	58.18	189.4	42.43
#1	-1.257	.8503	.1906	4.481	.5085	-2.312	.9333
#2	-1.718	1.571	.1175	2.089	.2120	.3351	1.733

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.607	2.166
SDev	1.297	1.498

%RSD	35.95	69.16
#1	-2.690	1.107
#2	-4.524	3.226

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1011	--	--	--	--	--	--
SDev	2.108589	--	--	--	--	--	--
%RSD	.2084948	--	--	--	--	--	--
#1	1013	--	--	--	--	--	--
#2	1010	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-21-B Operator:
Run Time: 05/13/09 19:26:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.00	.0888	1.482	504.6	.6247	-.3022	12770.
SDev	1.51	1.574	.189	.9	.0118	.1545	28.
%RSD	4.439	1772.	12.76	.1736	1.892	51.12	.2170
#1	35.07	-1.024	1.348	504.0	.6331	-.1929	12750.
#2	32.93	1.202	1.616	505.2	.6164	-.4114	12790.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.006	2.865	-.4147	3703.	3249.	103.5	4.407
SDev	.189	.068	.1563	12.	4.	.0	.341
%RSD	9.437	2.376	37.69	.3247	.1109	.0289	7.735
#1	1.872	2.817	-.5253	3695.	3246.	103.5	4.648
#2	2.139	2.913	-.3042	3712.	3251.	103.5	4.166

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6338.	.1009	2.637	1.188	42060.	2.283	.4111
SDev	10.	.5899	.002	.880	6.	.616	.1981
%RSD	.1632	584.4	.0733	74.05	.0152	26.99	48.20
#1	6331.	-.3162	2.639	1.810	42050.	1.847	.2710
#2	6346.	.5181	2.636	.5660	42060.	2.719	.5511

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	192.3	41.39	.7335	4.569	-.2716	3.144	2.380
SDev	1.9	.72	.5109	2.423	.0024	.544	.268
%RSD	.9911	1.734	69.65	53.03	.8751	17.29	11.28
#1	191.0	40.89	.3723	6.282	-.2699	3.528	2.190
#2	193.7	41.90	1.095	2.856	-.2733	2.759	2.570

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.729	5.629
SDev	4.629	.992
%RSD	59.90	17.62
#1	-4.455	4.928
#2	-11.00	6.331

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	989	--	--	--	--	--	--
SDev	1.633458	--	--	--	--	--	--
%RSD	.1651003	--	--	--	--	--	--
#1	991	--	--	--	--	--	--
#2	988	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-22-B Operator:
Run Time: 05/13/09 19:32:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.04	2.616	2.487	70.76	.4042	-.2340	2002.
SDev	1.59	.071	1.431	.09	.0079	.2463	5.
%RSD	4.544	2.728	57.52	.1273	1.961	105.2	.2446
#1	33.91	2.667	3.498	70.82	.4098	-.0599	2005.
#2	36.16	2.566	1.475	70.70	.3986	-.4082	1998.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.137	1.256	1.182	1373.	706.8	23.58	2.332
SDev	.079	.001	.147	6.	3.4	.07	.418
%RSD	6.911	.0967	12.40	.4353	.4877	.3041	17.91
#1	1.193	1.257	1.078	1377.	709.2	23.63	2.037
#2	1.082	1.255	1.286	1369.	704.4	23.53	2.627

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3637.	.3168	3.166	.5455	49950.	-.1841	1.324
SDev	7.	.1969	.455	.0154	9.	3.2948	.342
%RSD	.1864	62.16	14.37	2.819	.0176	1790.	25.79
#1	3641.	.1775	3.488	.5346	49940.	-2.514	1.083
#2	3632.	.4560	2.844	.5563	49950.	2.146	1.566

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	72.80	21.01	1.975	2.942	-.1644	6.302	1.596
SDev	.25	.19	.855	2.990	.0347	2.192	1.776
%RSD	.3440	.9253	43.29	101.6	21.11	34.78	111.3
#1	72.98	21.14	2.580	5.057	-.1399	4.752	2.852
#2	72.63	20.87	1.371	.8279	-.1890	7.852	.3398

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.717	4.660
SDev	4.243	2.142
%RSD	54.99	45.96
#1	-4.716	3.146
#2	-10.72	6.174

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1006	--	--	--	--	--	--
SDev	.0890789	--	--	--	--	--	--
%RSD	.0088569	--	--	--	--	--	--
#1	1006	--	--	--	--	--	--
#2	1006	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-25-B Operator:
Run Time: 05/13/09 19:39:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	71.57	-.6806	.6219	299.5	1.160	-.2175	4209.
SDev	5.22	.5807	4.315	1.8	.003	.1277	34.
%RSD	7.295	85.34	693.8	.6036	.2945	58.72	.8146
#1	75.27	-1.091	-2.429	300.8	1.162	-.3078	4233.
#2	67.88	-.2699	3.673	298.3	1.157	-.1272	4185.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	1.334	3.452	1.286	2258.	2492.	56.51	3.821
SDev	.302	.600	.019	21.	10.	.26	.585
%RSD	22.66	17.38	1.484	.9372	.4184	.4577	15.31
#1	1.548	3.876	1.300	2273.	2499.	56.69	3.408
#2	1.121	3.028	1.273	2243.	2485.	56.32	4.235

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2320.	.0856	2.539	1.134	8456.	.9235	.0396
SDev	15.	.1854	.062	1.248	20.	.6062	.5065
%RSD	.6378	216.5	2.434	110.1	.2392	65.64	1279.
#1	2330.	.2168	2.583	2.016	8471.	1.352	.3978
#2	2309.	-.0455	2.496	.2513	8442.	.4949	-.3186

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	78.74	10.31	2.160	.9627	-.3478	2.475	2.568
SDev	.44	.83	.370	4.617	.0673	1.134	.476
%RSD	.5607	8.080	17.12	479.6	19.36	45.83	18.52
#1	79.05	9.721	1.899	-2.302	-.3001	3.277	2.232
#2	78.43	10.90	2.421	4.227	-.3954	1.673	2.905

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.653	5.510
SDev	.181	1.962
%RSD	2.371	35.60
#1	-7.781	6.896
#2	-7.525	4.123

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	970	--	--	--	--	--	--
SDev	3.177708	--	--	--	--	--	--
%RSD	.3276660	--	--	--	--	--	--
#1	968	--	--	--	--	--	--
#2	972	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-3-B Operator:
Run Time: 05/13/09 19:45:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.69	.5671	-.1035	366.5	.3468	-.2944	4074.
SDev	12.05	1.132	.4422	5.0	.0204	.0181	62.
%RSD	26.36	199.7	427.3	1.368	5.875	6.155	1.513
#1	54.21	-.2335	-.4161	370.1	.3324	-.2816	4117.
#2	37.18	1.368	.2092	363.0	.3612	-.3072	4030.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.965	1.276	.8709	2728.	1222.	63.29	4.994
SDev	.620	.064	.5142	54.	16.	.97	.106
%RSD	20.90	5.049	59.04	1.965	1.309	1.536	2.122
#1	3.403	1.230	1.235	2766.	1234.	63.98	5.069
#2	2.527	1.322	.5074	2690.	1211.	62.60	4.919

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1959.	.3879	2.273	-.6446	30100.	-1.150	.5946
SDev	36.	.3375	2.195	1.7755	434.	1.360	.1378

%RSD	1.814	87.00	96.54	275.5	1.442	118.2	23.18
#1	1984.	.6265	3.825	.6109	30410.	-.1886	.4971
#2	1934.	.1492	.7215	-1.900	29800.	-2.112	.6920

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124.9	15.46	2.052	2.192	-.4183	5.835	.4906
SDev	1.2	.31	.522	1.442	.0188	3.894	1.346
%RSD	.9638	1.973	25.43	65.78	4.490	66.73	274.4
#1	125.8	15.68	2.422	1.173	-.4315	8.588	1.443
#2	124.1	15.25	1.683	3.212	-.4050	3.082	-.4614

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-8.095	3.064
SDev	3.007	1.161

%RSD	37.15	37.87
#1	-5.969	3.885
#2	-10.22	2.244

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	987	--	--	--	--	--	--
SDev	11.76057	--	--	--	--	--	--
%RSD	1.191801	--	--	--	--	--	--
#1	978	--	--	--	--	--	--
#2	995	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-4-B Operator:
Run Time: 05/13/09 19:51:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.26	-1.552	1.226	32.76	.0420	-.3695	1939.
SDev	1.60	.825	4.504	.94	.0441	.0567	17.
%RSD	15.58	53.19	367.3	2.863	104.9	15.35	.8528
#1	9.128	-2.135	-1.959	32.10	.0108	-.3294	1927.
#2	11.39	-.9680	4.411	33.42	.0731	-.4096	1950.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9784	.0397	.8378	1187.	178.9	35.10	2.176
SDev	.1022	.4575	.4191	2.	2.6	.03	.404
%RSD	10.45	1154.	50.03	.1957	1.467	.0735	18.57
#1	1.051	.3632	1.134	1189.	180.7	35.12	2.462
#2	.9062	-.2839	.5415	1186.	177.0	35.08	1.890

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1322.	.2102	2.219	1.203	7919.	-3.520	.2993
SDev	8.	.4933	.238	1.572	22.	.179	.0085
%RSD	.6182	234.7	10.75	130.6	.2835	5.098	2.837
#1	1316.	.5590	2.387	2.315	7935.	-3.394	.3053
#2	1328.	-.1386	2.050	.0918	7903.	-3.647	.2933

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.59	10.09	2.362	3.737	-.3303	4.209	1.220
SDev	.40	.41	.335	1.836	.0430	1.114	.914

%RSD	.8001	4.015	14.16	49.12	13.03	26.47	74.90
#1	49.31	10.38	2.126	2.439	-.2999	3.421	1.866
#2	49.87	9.806	2.599	5.035	-.3607	4.997	.5740

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.336	4.957
SDev	1.333	1.691
%RSD	21.03	34.12
#1	-5.394	6.153
#2	-7.278	3.761

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	992	--	--	--	--	--	--
SDev	5.197261	--	--	--	--	--	--
%RSD	.5238630	--	--	--	--	--	--
#1	996	--	--	--	--	--	--
#2	988	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-6-B Operator:
Run Time: 05/13/09 19:57:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.72	.2302	-.3596	42.45	.1272	-.4585	1563.
SDev	1.35	3.771	2.0048	.25	.0144	.1601	6.
%RSD	6.846	1638.	557.5	.5855	11.33	34.92	.3817
#1	18.77	-2.436	-1.777	42.27	.1170	-.3453	1567.
#2	20.68	2.897	1.058	42.62	.1374	-.5717	1559.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7677	-.5596	.7395	687.5	115.5	21.25	.6784
SDev	.3987	.3888	.2941	10.4	.6	.05	.2681
%RSD	51.94	69.48	39.77	1.519	.5623	.2473	39.51
#1	.4858	-.2846	.9475	694.9	115.0	21.29	.8679
#2	1.050	-.8345	.5316	680.2	115.9	21.21	.4888

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	841.3	.1741	3.117	-.2704	6848.	-2.308	.5936
SDev	4.5	.2483	.101	2.3799	39.	4.304	.1936
%RSD	.5331	142.6	3.232	880.0	.5703	186.5	32.62
#1	844.5	.3497	3.188	-1.953	6821.	-5.351	.7305
#2	838.2	-.0015	3.045	1.412	6876.	.7358	.4567

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.61	5.411	1.079	2.749	-.2816	4.048	2.647
SDev	.39	.069	.078	2.176	.1074	1.121	.711
%RSD	1.224	1.277	7.238	79.15	38.15	27.70	26.86
#1	31.34	5.362	1.134	4.288	-.2056	3.255	3.150
#2	31.88	5.460	1.024	1.210	-.3576	4.841	2.144

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-9.520	4.337
SDev	.596	3.271
%RSD	6.256	75.41

#1	-9.942	2.024
#2	-9.099	6.650

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	991	--	--	--	--	--	--
SDev	.8315755	--	--	--	--	--	--
%RSD	.0839172	--	--	--	--	--	--
#1	992	--	--	--	--	--	--
#2	990	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-7-B Operator:
Run Time: 05/13/09 20:04:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25.86	-1.638	.9993	156.7	.0336	-.4437	9771.
SDev	.42	.383	2.255	.4	.0080	.2252	10.
%RSD	1.641	23.37	225.7	.2599	23.74	50.75	.1070
#1	25.56	-1.368	-.5955	156.4	.0392	-.2845	9764.
#2	26.16	-1.909	2.594	157.0	.0279	-.6029	9778.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.188	.7651	-.0965	1158.	1347.	44.65	1.647
SDev	.080	.1300	.2996	4.	3.	.14	.126
%RSD	6.725	17.00	310.6	.3543	.2438	.3050	7.634
#1	1.244	.6732	.1154	1155.	1345.	44.56	1.736
#2	1.131	.8571	-.3083	1161.	1350.	44.75	1.558

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3214.	.4458	2.071	1.268	6141.	.1991	.1080
SDev	1.	.2448	.155	.587	84.	1.134	.2273
%RSD	.0234	54.91	7.461	46.26	1.362	569.6	210.4
#1	3214.	.2727	1.962	1.683	6081.	1.001	-.0527
#2	3215.	.6188	2.180	.8535	6200.	-.6029	.2688

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.23	11.69	1.899	5.482	-.4396	3.544	1.331
SDev	.58	.07	.495	1.828	.0353	.118	.290
%RSD	2.223	.5661	26.10	33.35	8.018	3.318	21.82
#1	25.81	11.74	1.548	4.189	-.4147	3.628	1.126
#2	26.64	11.64	2.249	6.775	-.4646	3.461	1.536

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.538	5.155
SDev	.670	.545
%RSD	10.25	10.58
#1	-6.064	5.541
#2	-7.012	4.770

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	989	--	--	--	--	--	--
SDev	.1187718	--	--	--	--	--	--
%RSD	.0120081	--	--	--	--	--	--

#1	989	--	--	--	--	--	--
#2	989	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1520-F-9-B Operator:
Run Time: 05/13/09 20:10:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.04	.2803	.1323	112.7	.8465	-.0607	6406.
SDev	.70	.3787	1.013	.3	.0275	.0426	2.
%RSD	2.584	135.1	765.8	.2925	3.245	70.20	.0281
#1	26.55	.0125	.8485	112.4	.8659	-.0909	6405.
#2	27.54	.5481	-.5840	112.9	.8271	-.0306	6408.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.726	.6503	.8992	2013.	1625.	63.36	2.854
SDev	.212	.0628	.5838	16.	2.	.05	.469
%RSD	12.31	9.663	64.92	.7786	.1404	.0777	16.43
#1	1.576	.6059	1.312	2024.	1624.	63.39	2.522
#2	1.876	.6948	.4864	2002.	1627.	63.32	3.185

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1099.	.4260	2.063	1.538	3682.	-4.293	.4460
SDev	3.	.0514	.097	1.368	21.	1.552	.1657
%RSD	.2551	12.06	4.679	88.96	.5759	36.14	37.15
#1	1097.	.4623	1.995	2.506	3697.	-5.391	.3288
#2	1101.	.3897	2.131	.5705	3667.	-3.196	.5632

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.28	79.44	1.008	2.461	-.3241	4.307	.9380
SDev	.54	.53	.014	3.067	.0329	2.535	1.410
%RSD	.9879	.6695	1.408	124.6	10.15	58.85	150.3
#1	54.66	79.82	.9984	4.630	-.3474	6.100	-.0592
#2	53.91	79.07	1.018	.2925	-.3008	2.515	1.935

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-8.843	6.710
SDev	4.856	.373

%RSD	54.91	5.555
#1	-5.409	6.447
#2	-12.28	6.974

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1000	--	--	--	--	--	--
SDev	1.425521	--	--	--	--	--	--
%RSD	.1425134	--	--	--	--	--	--
#1	1001	--	--	--	--	--	--
#2	999	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-1-D Operator:
Run Time: 05/13/09 20:16:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7835.	.6193	3.503	297.5	.6922	-.6906	51560.
SDev	33.	2.183	1.077	1.1	.0048	.1754	68.

%RSD	.4189	352.4	30.74	.3614	.6981	25.40	.1323
#1	7859.	-.9240	4.264	298.2	.6956	-.8147	51510.
#2	7812.	2.163	2.742	296.7	.6888	-.5666	51610.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.49	6.420	21.99	31060.	25640.	546.0	9.019

SDev	.46	.469	.09	40.	61.	1.1	.573
%RSD	3.404	7.310	.4078	.1303	.2371	.2044	6.356
#1	13.16	6.089	22.06	31040.	25680.	545.3	8.613
#2	13.81	6.752	21.93	31090.	25600.	546.8	9.424

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8623.	.4411	5.197	.0512	132500.	-.5097	14.01
SDev	16.	.7036	.291	.0034	653.	2.6670	.04
%RSD	.1908	159.5	5.599	6.599	.4929	523.2	.2879
#1	8635.	-.0564	5.403	.0536	133000.	1.376	14.03
#2	8612.	.9386	4.991	.0488	132100.	-2.396	13.98

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.53	41.32	1.274	4.002	172.3	4.484	5.549
SDev	.15	.03	.446	1.034	.4	.162	.356
%RSD	.5015	.0640	35.00	25.85	.2275	3.602	6.409
#1	29.43	41.30	1.590	3.270	172.5	4.598	5.800
#2	29.64	41.34	.9589	4.733	172.0	4.370	5.297

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.068	3.595
SDev	1.306	.657
%RSD	18.48	18.28
#1	-7.991	4.059
#2	-6.144	3.130

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	982	--	--	--	--	--	--
SDev	2.257096	--	--	--	--	--	--
%RSD	.2299153	--	--	--	--	--	--
#1	983	--	--	--	--	--	--
#2	980	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-2-A Operator:
Run Time: 05/13/09 20:22:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1391.	-1.188	2.381	253.3	.0040	-.5344	44710.
SDev	4.	1.295	1.572	1.4	.0283	.0879	48.
%RSD	.2714	109.0	66.02	.5509	713.2	16.44	.1067
#1	1393.	-2.104	3.493	254.3	-.0160	-.5965	44670.
#2	1388.	-.2722	1.270	252.3	.0239	-.4722	44740.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.759	2.154	2.010	5676.	12070.	419.7	.9954
SDev	.423	.258	.007	19.	20.	.0	.5665
%RSD	15.32	12.00	.3712	.3350	.1660	.0039	56.91

#1	2.460	1.971	2.016	5662.	12090.	419.7	.5948
#2	3.058	2.337	2.005	5689.	12060.	419.7	1.396

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6312.	1.194	3.297	.7662	193300.	-1.890	3.254
SDev	14.	.426	.678	.3319	122.	3.878	.477
%RSD	.2269	35.69	20.57	43.31	.0629	205.2	14.65

#1	6322.	.8928	2.817	1.001	193300.	-4.632	2.917
#2	6302.	1.496	3.776	.5316	193200.	.8522	3.591

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.793	40.69	1.613	3.166	18.40	3.610	3.136
SDev	.140	.60	.401	.298	.13	1.148	.443
%RSD	2.068	1.487	24.89	9.411	.6847	31.81	14.14

#1	6.693	40.26	1.329	3.377	18.48	2.798	2.822
#2	6.892	41.11	1.896	2.955	18.31	4.422	3.450

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-8.780	5.522
SDev	4.621	1.809

%RSD	52.63	32.77

#1	-5.513	4.242
#2	-12.05	6.801

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	990	--	--	--	--	--	--
SDev	1.128548	--	--	--	--	--	--
%RSD	.1139582	--	--	--	--	--	--

#1	990	--	--	--	--	--	--
#2	991	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 046226 Operator:
Run Time: 05/13/09 20:28:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	122500.	992.6	4947.	9827.	975.5	2445.	122300.
SDev	1385.	11.5	43.	123.	8.0	21.	845.
%RSD	1.130	1.154	.8785	1.256	.8245	.8731	.6904

#1	121600.	984.5	4916.	9740.	969.8	2430.	121700.
#2	123500.	1001.	4978.	9914.	981.2	2460.	122900.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4884.	2435.	12230.	97630.	122700.	4875.	2439.
SDev	41.	21.	159.	812.	1382.	42.	20.
%RSD	.8410	.8551	1.303	.8313	1.126	.8597	.8401

#1	4855.	2420.	12110.	97050.	121700.	4845.	2425.
#2	4913.	2449.	12340.	98200.	123700.	4905.	2454.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51570.	1225.	9849.	5008.	123300.	4914.	2416.
SDev	659.	11.	102.	52.	1011.	72.	23.
%RSD	1.278	.8573	1.032	1.032	.8199	1.457	.9466

#1	51100.	1218.	9778.	4971.	122600.	4863.	2400.
#2	52040.	1233.	9921.	5044.	124100.	4964.	2432.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2438.	982.1	2450.	977.4	9790.	9819.	9864.
SDev	11.	10.5	25.	3.7	101.	117.	94.
%RSD	.4704	1.074	1.033	.3786	1.032	1.195	.9504

#1	2429.	974.7	2432.	974.7	9719.	9736.	9798.
#2	2446.	989.6	2468.	980.0	9861.	9902.	9931.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4973.	5025.
SDev	64.	46.
%RSD	1.283	.9073

#1	4928.	4993.
#2	5018.	5057.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	979	--	--	--	--	--	--
SDev	8.285890	--	--	--	--	--	--
%RSD	.8465450	--	--	--	--	--	--

#1	985	--	--	--	--	--	--
#2	973	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 20:35:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.12	-.0868	.5658	-.0117	.0226	-.4244	-4.758
SDev	1.63	1.1647	.5462	.2116	.0015	.2302	2.424
%RSD	10.76	1342.	96.52	1805.	6.645	54.24	50.95

#1	16.27	.7367	.1796	.1379	.0236	-.2616	-3.044
#2	13.97	-.9104	.9520	-.1613	.0215	-.5873	-6.472

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7340	.2457	.5666	12.17	13.15	.0999	.3272
SDev	.1019	.1846	.4699	4.97	2.20	.0027	.0675
%RSD	13.88	75.16	82.94	40.85	16.73	2.669	20.64

#1	.6620	.3762	.8989	15.68	14.70	.1018	.2794
#2	.8061	.1151	.2343	8.651	11.59	.0980	.3749

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	224.1	-.1539	1.675	.4708	109.3	4.741	.3354
SDev	12.2	.0335	.242	1.687	37.9	1.037	.3161
%RSD	5.452	21.78	14.45	358.3	34.65	21.88	94.25

#1	232.7	-.1302	1.846	-.7220	136.1	4.008	.5589
#2	215.5	-.1776	1.504	1.664	82.56	5.474	.1119

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.202	.1240	.2211	.1660	.2812	-.2599	2.637
SDev	.227	.2609	.3486	2.178	.1000	1.3027	1.013
%RSD	18.92	210.3	157.7	1312.	35.56	501.3	38.43

#1	-1.042	-.0604	-.0254	1.706	.3519	-1.181	3.353
#2	-1.363	.3085	.4675	-1.374	.2105	.6613	1.920

Elem	1960/1	1960/2
Units	ppb	ppb

Avge	-4.582	2.983					
SDev	.042	2.508	□□Analysis Report			05/13/09 08:41:24	

PM page 106

%RSD	.9165	84.09					
#1	-4.612	1.209					
#2	-4.552	4.756					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1004	--	--	--	--	--	--
SDev	5.523883	--	--	--	--	--	--
%RSD	.5500211	--	--	--	--	--	--
#1	1000	--	--	--	--	--	--
#2	1008	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-3-A Operator:
Run Time: 05/13/09 20:41:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1180.	2.007	2.951	490.9	-.0156	-.4830	49910.
SDev	3.	.452	.873	.1	.0061	.0665	27.
%RSD	.2599	22.51	29.59	.0260	39.24	13.76	.0545
#1	1182.	1.688	3.569	490.8	-.0113	-.4360	49890.
#2	1178.	2.327	2.334	491.0	-.0200	-.5300	49930.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2.104	17.82	2.239	67140.	32860.	1713.	1.073	□□Analysis

Report 05/13/09 08:47:39 PM page 108

SDev	.241	.11	.294	22.	31.	1.	.048
%RSD	11.45	.6446	13.14	.0325	.0950	.0667	4.445
#1	2.274	17.74	2.031	67160.	32830.	1712.	1.039
#2	1.933	17.90	2.447	67130.	32880.	1714.	1.107

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3616.	.6763	3.437	.0821	102400.	-2.779	2.282
SDev	.	.0261	1.179	.6669	153.	1.257	.281
%RSD	.0124	3.854	34.31	811.8	.1495	45.22	12.33
#1	3616.	.6579	2.603	.5537	102300.	-3.668	2.083
#2	3616.	.6947	4.270	-.3894	102500.	-1.891	2.481

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.730	175.2	1.961	5.359	15.04	4.977	2.663
SDev	.213	1.9	1.184	1.231	.12	.732	1.402
%RSD	7.786	1.076	60.35	22.97	.7812	14.72	52.65
#1	2.880	173.9	2.798	6.230	15.13	4.459	1.672
#2	2.580	176.6	1.124	4.488	14.96	5.495	3.655

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.792	4.003
SDev	4.192	1.093
%RSD	53.80	27.31
#1	-4.828	3.230
#2	-10.76	4.776

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	988	--	--	--	--	--	--
SDev	.7721896	--	--	--	--	--	--
%RSD	.0781795	--	--	--	--	--	--
#1	987	--	--	--	--	--	--
#2	988	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-4-A Operator:
Run Time: 05/13/09 20:47:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1054.	-.0629	1.769	464.5	-.0259	-.3754	46550.
SDev	1.	1.4457	.615	.2	.0124	.1265	96.
%RSD	.0796	2300.	34.78	.0395	47.61	33.70	.2062
#1	1054.	.9594	2.204	464.7	-.0172	-.4648	46480.
#2	1055.	-1.085	1.334	464.4	-.0347	-.2859	46620.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.810	16.08	1.546	63770.	31310.	1618.	.2713
SDev	.133	.22	.142	33.	20.	1.	.1919
%RSD	7.326	1.362	9.192	.0511	.0640	.0881	70.73
#1	1.903	15.92	1.646	63750.	31300.	1617.	.4070
#2	1.716	16.23	1.445	63790.	31320.	1619.	.1356

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3394.	.7031	3.381	.7673	98510.	.5226	2.145
SDev	3.	.2392	.060	1.442	110.	3.461	.479
%RSD	.0834	34.02	1.785	187.9	.1117	662.4	22.34
#1	3392.	.5340	3.423	-.2523	98430.	2.970	1.806
#2	3396.	.8723	3.338	1.787	98590.	-1.925	2.483

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.335	168.2	1.136	5.009	12.89	6.428	1.855
SDev	.383	.3	.964	.836	.12	.260	.220
%RSD	16.39	.1837	84.90	16.69	.9666	4.043	11.87
#1	2.606	168.0	.4538	5.600	12.80	6.244	2.011
#2	2.065	168.4	1.817	4.418	12.97	6.612	1.699

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.872	4.071
SDev	1.154	1.585
%RSD	19.66	38.95
#1	-6.688	2.950
#2	-5.056	5.192

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	980	--	--	--	--	--	--
SDev	1.425521	--	--	--	--	--	--
%RSD	.1454697	--	--	--	--	--	--
#1	981	--	--	--	--	--	--
#2	979	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 046234 Operator:
Run Time: 05/13/09 20:53:57

Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H466500.	2.683	-.2001	.7447	-.1921	1.228	H467900.
SDev	259.	.441	2.6752	.0022	.0412	.254	210.
%RSD	.0555	16.44	1337.	.2911	21.45	20.66	.0448
#1	H466300.	2.995	1.692	.7432	-.1629	1.048	H467700.
#2	H466700.	2.372	-2.092	.7463	-.2212	1.407	H468000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7628	2.304	2.845	H201700.	H524600.	-1.238	3.231
SDev	.2239	.617	.302	188.	702.	.006	.108
%RSD	29.36	26.77	10.60	.0934	.1338	.4534	3.340
#1	.6044	1.868	3.058	H201600.	H524100.	-1.242	3.307
#2	.9211	2.740	2.631	H201800.	H525100.	-1.234	3.154

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	247.9	-.2706	1.989	L-6.143	66.08	-5.329	3.283
SDev	.6	.5754	1.509	4.997	99.70	2.179	.144
%RSD	.2467	212.6	75.86	81.34	150.9	40.88	4.385
#1	247.4	.1362	3.056	-2.610	136.6	-3.789	3.181
#2	248.3	-.6774	.9222	L-9.676	-4.418	-6.870	3.385

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.540	.3106	-.8136	.8565	-4.480	.5617	2.697
SDev	.064	.0712	.7335	1.199	.047	5.260	.364
%RSD	1.416	22.92	90.16	140.0	1.058	936.4	13.49
#1	4.586	.3609	-.2949	1.704	-4.446	4.281	2.440
#2	4.495	.2603	-1.332	.0086	-4.513	-3.158	2.954

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.057	-8.693
SDev	7.278	3.858
%RSD	688.4	44.38
#1	4.089	-5.965
#2	-6.203	-11.42

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	935	--	--	--	--	--	--
SDev	1.871045	--	--	--	--	--	--
%RSD	.2000974	--	--	--	--	--	--
#1	936	--	--	--	--	--	--
#2	934	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 047784 Operator:
Run Time: 05/13/09 21:00:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H456600.	99.89	95.14	105.8	98.17	97.48	H458000.
SDev	125.	4.74	4.02	.0	.13	.39	921.
%RSD	.0274	4.745	4.222	.0254	.1369	.4035	.2010
#1	H456600.	103.2	92.30	105.8	98.27	97.76	H458600.
#2	H456700.	96.54	97.98	105.9	98.08	97.20	H457300.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	98.14	97.22	105.2	197200.	H511400.	97.16	95.05
SDev	.05	.25	.4	245.	536.	.06	.01
%RSD	.0506	.2568	.4238	.1244	.1048	.0603	.0071
#1	98.10	97.40	105.5	197300.	H511000.	97.20	95.04
#2	98.17	97.04	104.9	197000.	H511800.	97.12	95.05

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11120.	100.8	101.3	95.16	9974.	91.12	98.11
SDev	6.	.4	2.0	.13	29.	3.15	.24
%RSD	.0562	.3712	2.004	.1350	.2921	3.454	.2439
#1	11110.	101.1	99.82	95.25	9995.	93.35	97.94
#2	11120.	100.5	102.7	95.07	9954.	88.90	98.28

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	98.55	99.14	95.90	99.19	96.79	99.79	102.0
SDev	.04	.25	1.07	2.56	.28	1.18	2.5
%RSD	.0403	.2524	1.119	2.585	.2858	1.184	2.405
#1	98.52	99.32	96.65	97.38	96.99	98.96	100.2
#2	98.58	98.96	95.14	101.0	96.60	100.6	103.7

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	102.9	91.30
SDev	2.1	1.23

%RSD	2.016	1.345
#1	101.4	92.17
#2	104.3	90.43

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	937	--	--	--	--	--	--
SDev	.2375868	--	--	--	--	--	--
%RSD	.0253499	--	--	--	--	--	--
#1	937	--	--	--	--	--	--
#2	937	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 046226 Operator:
Run Time: 05/13/09 21:06:27
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123400.	1002.	4996.	9882.	983.4	2463.	123500.
SDev	385.	1.	12.	30.	.1	1.	15.
%RSD	.3123	.1351	.2364	.3017	.0147	.0491	.0125
#1	123700.	1003.	5005.	9903.	983.3	2462.	123500.
#2	123100.	1001.	4988.	9860.	983.5	2463.	123500.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4914.	2453.	12280.	98630.	123200.	4905.	2458.
SDev	.	1.	39.	27.	336.	1.	3.
%RSD	.0100	.0378	.3145	.0271	.2729	.0266	.1292
#1	4915.	2453.	12300.	98650.	123400.	4906.	2456.
#2	4914.	2452.	12250.	98610.	122900.	4904.	2461.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51950.	1233.	9918.	5047.	124300.	4943.	2424.
SDev	189.	3.	21.	8.	433.	.	1.
%RSD	.3631	.2771	.2133	.1679	.3484	.0047	.0256
#1	52080.	1236.	9933.	5053.	124600.	4943.	2424.
#2	51810.	1231.	9903.	5041.	124000.	4943.	2424.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2464.	990.1	2477.	987.8	9838.	9926.	9914.
SDev	7.	2.1	2.	6.0	14.	52.	6.
%RSD	.2716	.2088	.0889	.6058	.1422	.5231	.0585
#1	2460.	988.6	2478.	992.0	9848.	9963.	9918.
#2	2469.	991.5	2475.	983.6	9828.	9889.	9910.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5017.	5062.
SDev	9.	8.
%RSD	.1812	.1613
#1	5024.	5067.
#2	5011.	5056.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	972	--	--	--	--	--	--
SDev	5.583312	--	--	--	--	--	--
%RSD	.5746844	--	--	--	--	--	--
#1	968	--	--	--	--	--	--
#2	975	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 21:12:42
Comment: DILUTIONS OF LCSW
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.05	1.468	-1.604	.1057	-.0316	.1481	3.931
SDev	7.07	1.375	3.417	.1252	.0197	.0111	5.290
%RSD	37.14	93.63	213.0	118.5	62.26	7.500	134.6
#1	24.05	.4962	.8117	.1942	-.0177	.1560	7.671
#2	14.05	2.441	-4.020	.0171	-.0456	.1403	.1903

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.159	.6961	.8700	18.04	26.33	.1481	-.4692
SDev	.289	.0644	.0062	3.35	.56	.0690	.0486
%RSD	24.92	9.246	.7159	18.58	2.135	46.59	10.36
#1	.9550	.7416	.8656	15.67	26.73	.1969	-.4348
#2	1.364	.6506	.8744	20.41	25.93	.0993	-.5035

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	218.9	.3796	1.646	-.8652	114.9	1.507	.0388
SDev	.8	.6706	1.426	1.2054	77.8	.102	.1656
%RSD	.3742	176.7	86.62	139.3	67.69	6.772	426.5
#1	218.3	-.0946	2.655	-1.718	59.93	1.435	.1559
#2	219.5	.8537	.6379	-.0128	170.0	1.580	-.0783

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.270	.6229	.2033	1.230	.4791	1.092	1.919
SDev	.275	.3206	.3294	.011	.1751	.375	2.325

%RSD	21.62	51.46	162.1	.9235	36.56	34.36	121.2
#1	-1.076	.8496	.4362	1.222	.6029	.8267	3.563
#2	-1.464	.3963	-.0297	1.238	.3553	1.357	.2743

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.268	.3239
SDev	2.407	.6054

%RSD	73.66	186.9
#1	-4.970	-.1042
#2	-1.566	.7520

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1006	--	--	--	--	--	--
SDev	1.158241	--	--	--	--	--	--
%RSD	.1151616	--	--	--	--	--	--
#1	1007	--	--	--	--	--	--
#2	1005	--	--	--	--	--	--

BATCH 6210NT2 METHOD 200.7 6220NT1 METHOD 6010B

1	ICV 051637	5953	SW846	05/13/09	12:39		S	CONC
2	ICB	5953	SW846	05/13/09	12:46		S	CONC
3	ICSA 051609	5953	SW846	05/13/09	12:53		S	CONC
4	ICSAB 051627	5953	SW846	05/13/09	13:00		S	CONC
5	INT-20	5953	SW846	05/13/09	13:07		S	CONC
6	REPLIM	5953	SW846	05/13/09	13:13		S	CONC
7	MB 460-6210/1-A	5953	SW846	05/13/09	13:20		S	CONC
8	LCS 460-6210/2-A	5953	SW846	05/13/09	13:27		S	CONC
9	460-1569-E-5-B DU	5953	SW846	05/13/09	13:34		S	CONC
10	460-1569-E-5-A	5953	SW846	05/13/09	13:41		S	CONC
11	SD 460-1569-E-5-A@5	5953	SW846	05/13/09	13:47		S	CONC
12	460-1569-E-5-C MS	5953	SW846	05/13/09	13:54		S	CONC
13	CCV 051637	5953	SW846	05/13/09	14:01		S	CONC
14	CCB	5953	SW846	05/13/09	14:08		S	CONC
15	460-1595-A-1-A	5953	SW846	05/13/09	14:15		S	CONC
16	460-1595-A-2-A	5953	SW846	05/13/09	14:21		S	CONC
17	460-1595-A-3-A	5953	SW846	05/13/09	14:28		S	CONC
18	ICSA 051609	5953	SW846	05/13/09	14:35		S	CONC
19	ICSAB 051627	5953	SW846	05/13/09	14:42		S	CONC
20	CCV 051637	5953	SW846	05/13/09	14:49		S	CONC
21	CCB	5953	SW846	05/13/09	14:55		S	CONC
22	460-1487-A-1-A	5953	SW846	05/13/09	15:25		S	CONC
23	460-1487-B-1-B	5953	SW846	05/13/09	15:31		S	CONC
24	460-1508-H-2-A	5953	SW846	05/13/09	15:38		S	CONC
25	460-1532-D-3-A	5953	SW846	05/13/09	15:45		S	CONC
26	460-1532-E-3-A	5953	SW846	05/13/09	15:52		S	CONC
27	460-1547-E-1-A	5953	SW846	05/13/09	15:59		S	CONC
28	460-1554-A-1-A	5953	SW846	05/13/09	16:05		S	CONC
29	460-1569-E-1-A	5953	SW846	05/13/09	16:12		S	CONC
30	460-1569-E-2-A	5953	SW846	05/13/09	16:19		S	CONC
31	460-1569-E-3-A	5953	SW846	05/13/09	16:26		S	CONC
32	CCV 051637	5953	SW846	05/13/09	16:33		S	CONC
33	CCB	5953	SW846	05/13/09	16:39		S	CONC
34	460-1569-E-4-A	5953	SW846	05/13/09	16:46		S	CONC
35	MB 460-6220/1-A	5953	SW846	05/13/09	16:53		S	CONC
36	LCS 460-6220/2-A	5953	SW846	05/13/09	17:00		S	CONC
37	460-1570-C-5-C DU	5953	SW846	05/13/09	17:07		S	CONC
38	460-1570-C-5-B	5953	SW846	05/13/09	17:13		S	CONC
39	SD 460-1570-C-5-B	5953	SW846	05/13/09	17:20		S	CONC
40	460-1570-C-5-D MS	5953	SW846	05/13/09	17:27		S	CONC
41	460-1437-D-1-B	5953	SW846	05/13/09	17:34		S	CONC
42	460-1437-D-11-B	5953	SW846	05/13/09	17:41		S	CONC
43	460-1437-D-12-B	5953	SW846	05/13/09	17:47		S	CONC
44	CCV 051637	5953	SW846	05/13/09	17:54		S	CONC
45	CCB	5953	SW846	05/13/09	18:01		S	CONC
46	460-1437-D-13-B	5953	SW846	05/13/09	18:08		S	CONC
47	460-1437-D-3-B	5953	SW846	05/13/09	18:15		S	CONC
48	460-1437-D-6-B	5953	SW846	05/13/09	18:22		S	CONC
49	460-1437-D-7-B	5953	SW846	05/13/09	18:28		S	CONC
50	460-1437-D-9-B	5953	SW846	05/13/09	18:35		S	CONC
51	460-1438-H-7-B	5953	SW846	05/13/09	18:42		S	CONC
52	460-1462-A-1-E	5953	SW846	05/13/09	18:49		S	CONC
53	460-1462-A-2-C	5953	SW846	05/13/09	18:56		S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	460-1462-A-3-C	5953	SW846	05/13/09	19:02		S	CONC
55	460-1462-A-4-C	5953	SW846	05/13/09	19:09		S	CONC
56	CCV 051637	5953	SW846	05/13/09	19:16		S	CONC
57	CCB	5953	SW846	05/13/09	19:23		S	CONC
58	460-1462-A-5-C	5953	SW846	05/13/09	19:30		S	CONC
59	460-1462-A-6-C	5953	SW846	05/13/09	19:36		S	CONC
60	460-1462-A-7-C	5953	SW846	05/13/09	19:43		S	CONC
61	460-1462-A-8-C	5953	SW846	05/13/09	19:50		S	CONC

62	ICSA 051609	5953	SW846	05/13/09	19:57	S	CONC
63	ICSAB 051627	5953	SW846	05/13/09	20:04	S	CONC
64	CCV 051637	5953	SW846	05/13/09	20:11	S	CONC
65	CCB	5953	SW846	05/13/09	20:17	S	CONC

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 051637	122600.	965.8	4930.	9772.	980.8	2464.
2	ICB	24.40	-.3746	-.2761	-.3860	-.2998	-.0489
3	ICSA 051609	479300.	-2.521	-.0279	-1.407	-.6079	-.4131
4	ICSAB 051627	473200.	90.85	95.24	103.2	93.47	91.79
5	INT-20	19.84	27.23	-1.065	.2207	3.968	2.238
6	REPLIM	224.0	8.790	5.449	208.9	1.771	4.021
7	MB 460-6210/1-A	40.08	-3.218	-1.137	-.3484	-.4099	-.2199
8	LCS 460-6210/2-A	2071.	487.6	2042.	2047.	50.99	52.12
9	460-1569-E-5-B DU	36.08	-.8603	-.7010	43.70	-.4766	-.3761
10	460-1569-E-5-A	40.26	.1186	-.9176	43.78	-.5510	-.5094
11	SD 460-1569-E-5-A@5	29.26	.1631	-.7601	7.992	-.5165	-.1529
12	460-1569-E-5-C MS	2050.	508.6	2092.	2095.	52.51	52.86
13	CCV 051637	125300.	981.8	4928.	9977.	968.4	2415.
14	CCB	27.73	-2.749	-.7482	-.4044	-.5252	.0179
15	460-1595-A-1-A	42.51	-.4870	.0014	145.4	-.9524	-.1659
16	460-1595-A-2-A	32.59	.3064	-.6695	165.3	-.7393	-.1822
17	460-1595-A-3-A	490.9	1.060	.6501	250.2	-.6642	.2490
18	ICSA 051609	481300.	-6.380	-2.607	-1.557	-.8055	-1.257
19	ICSAB 051627	475300.	93.84	98.07	103.3	95.68	93.47
20	CCV 051637	124100.	975.0	5051.	9825.	991.0	2514.
21	CCB	35.09	-.1635	-.1633	-.2474	-.4257	-.0211
22	460-1487-A-1-A	174.2	-.1596	-2.079	16.17	-.4339	-.2230
23	460-1487-B-1-B	1177.	-.5243	-1.059	17.84	-.4768	-.1167
24	460-1508-H-2-A	212.8	-3.523	-.1137	69.99	-.5547	-.2160
25	460-1532-D-3-A	100.4	-3.833	-1.053	25.06	.5831	3.683
26	460-1532-E-3-A	42530.	-3.592	27.96	161.1	22.74	-.2318
27	460-1547-E-1-A	170.2	-1.748	-1.910	31.72	-.7390	-.3040
28	460-1554-A-1-A	403.4	-1.275	3.726	38.58	-.8123	3.161
29	460-1569-E-1-A	50.78	-3.319	-1.038	45.64	-.7855	-.4282
30	460-1569-E-2-A	51.54	-2.801	-2.470	44.86	-.5635	-.4109
31	460-1569-E-3-A	44.72	-2.149	-.3781	48.75	-.5203	-.3803
32	CCV 051637	125100.	973.0	4993.	9877.	966.1	2446.
33	CCB	49.38	-1.219	-.2527	-.3286	-.5212	-.1304
34	460-1569-E-4-A	45.39	.0317	-.0857	48.54	-.4120	-.3739
35	MB 460-6220/1-A	55.91	.1599	-1.448	-.3465	-.5146	-.1151
36	LCS 460-6220/2-A	2112.	497.2	2071.	2064.	51.32	54.00
37	460-1570-C-5-C DU	53.48	3.249	-1.731	5.376	-.5440	-.1200
38	460-1570-C-5-B	52.25	3.388	-.7353	5.490	-.4710	-.1934
39	SD 460-1570-C-5-B	49.92	-.6822	-.0569	.6935	-.5216	-.2755
40	460-1570-C-5-D MS	2077.	495.3	2098.	2027.	51.44	53.18
41	460-1437-D-1-B	58.02	2.771	-.8732	89.27	-.8492	-.4651
42	460-1437-D-11-B	92.14	1.981	2.308	22.81	-1.064	-1.222
43	460-1437-D-12-B	65.19	2.741	3.284	21.51	-.6496	-.8889
44	CCV 051637	124600.	965.2	5018.	9797.	963.3	2457.
45	CCB	70.31	1.295	-1.167	-.1644	-.5823	-.1987
46	460-1437-D-13-B	74.71	3.554	4.380	11.49	-.6989	-.6043
47	460-1437-D-3-B	73.99	2.243	-.1863	46.47	-.7953	1.652
48	460-1437-D-6-B	74.70	4.936	-.9981	14.18	-.6832	-.1910
49	460-1437-D-7-B	78.48	.3944	-.1616	12.05	-.7977	-1.521
50	460-1437-D-9-B	69.51	2.581	.8790	49.04	-.6631	-.4013
51	460-1438-H-7-B	93.56	2.495	-.9249	69.83	-.4396	-.1697
52	460-1462-A-1-E	57.06	4.686	.8891	89.27	-.4847	-.2650
53	460-1462-A-2-C	56.00	4.977	-.7108	44.15	-.6387	-.2490

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
54	460-1462-A-3-C	75.00	29.63	-.0239	67.55	-.7367	-.0380
55	460-1462-A-4-C	69.45	.8178	-.4883	34.78	-.6289	-.2452
56	CCV 051637	126100.	959.6	5013.	9875.	957.9	2445.
57	CCB	62.70	-1.301	.7031	-.2874	-.6719	-.2366
58	460-1462-A-5-C	87.64	4.366	-.2301	11.50	-.5556	-.2209
59	460-1462-A-6-C	78.39	2.765	-.3640	53.67	-.8200	-.0681

60	460-1462-A-7-C	76.49	3.656	-.4044	24.64	-.6632	-.2762
61	460-1462-A-8-C	75.11	7.916	-.3193	26.83	-.5366	-.2071
62	ICSA 051609	480400.	1.312	-1.667	-1.550	-.9698	-2.283
63	ICSAB 051627	470300.	92.90	97.72	100.7	92.71	91.55
64	CCV 051637	123700.	949.2	5084.	9660.	972.2	2521.
65	CCB	80.45	-.4972	-.3698	-.1670	-.5795	-.1723

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg2790
1	ICV 051637	122400.	4850.	2434.	12110.	97270.	121900.
2	ICB	34.29	-.5236	-.2244	-.4154	-3.850	7.903
3	ICSA 051609	465100.	.7605	2.262	-1.659	198300.	521600.
4	ICSAB 051627	457000.	94.41	93.81	99.74	194100.	508500.
5	INT-20	74.07	20340.	20110.	1.681	27.53	-33.71
6	REPLIM	5327.	10.59	50.50	24.38	184.3	4893.
7	MB 460-6210/1-A	36.53	-.4315	.1208	-.3074	4.875	11.13
8	LCS 460-6210/2-A	21020.	204.1	503.8	247.6	1027.	20030.
9	460-1569-E-5-B DU	45460.	-.4095	-.1427	.2101	-11.91	12330.
10	460-1569-E-5-A	45610.	-.2934	-1.051	.0474	-11.31	12360.
11	SD 460-1569-E-5-A@5	9038.	-.3169	-.0354	-.3129	-.4951	2379.
12	460-1569-E-5-C MS	68760.	207.4	511.5	249.0	1052.	33200.
13	CCV 051637	120900.	4827.	2424.	12400.	96440.	121800.
14	CCB	-5.208	-.6903	.5509	-.2194	-13.50	5.442
15	460-1595-A-1-A	181300.	.4978	-.1119	73.76	5.205	26660.
16	460-1595-A-2-A	188100.	.1608	1.228	14.04	229.9	27200.
17	460-1595-A-3-A	214200.	12.11	2.710	41.38	4388.	26350.
18	ICSA 051609	475400.	2.367	2.471	-2.069	201200.	527500.
19	ICSAB 051627	471800.	96.80	96.49	99.30	199400.	519600.
20	CCV 051637	125900.	4954.	2502.	12190.	99200.	123200.
21	CCB	24.79	.3229	-.0039	-.3403	-4.773	13.33
22	460-1487-A-1-A	35510.	-.2484	2.155	.4742	5.261	13880.
23	460-1487-B-1-B	36050.	1.013	2.505	3.318	188.9	14230.
24	460-1508-H-2-A	26970.	-.1088	-.4667	3.147	185.8	10380.
25	460-1532-D-3-A	11690.	-.2063	28.28	-.5026	761.8	10130.
26	460-1532-E-3-A	13820.	607.6	42.95	22.98	H266400.	13860.
27	460-1547-E-1-A	73440.	5.559	4.181	47.23	1072.	6537.
28	460-1554-A-1-A	20150.	6.652	.1319	90.49	3735.	4710.
29	460-1569-E-1-A	41090.	-.5744	.0732	-.4081	-11.58	12380.
30	460-1569-E-2-A	41430.	-.7739	-.2826	-.9913	-12.27	12280.
31	460-1569-E-3-A	42550.	-.5001	-.5296	-.7942	-3.326	12640.
32	CCV 051637	121200.	4854.	2466.	12280.	96730.	121600.
33	CCB	-7.084	-.4543	-.1546	-.8477	-8.863	6.426
34	460-1569-E-4-A	43860.	-.1364	.0008	-.2544	-4.235	12660.
35	MB 460-6220/1-A	8.593	-.6847	-1.062	-1.147	-6.430	9.664
36	LCS 460-6220/2-A	21330.	213.4	523.6	249.0	1069.	19870.
37	460-1570-C-5-C DU	454.7	-.1792	-1.093	-.5650	3.652	225.4
38	460-1570-C-5-B	459.2	.1913	-.9090	-.4244	8.958	228.7

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg2790
39	SD 460-1570-C-5-B	88.13	.1184	-.5598	-1.088	1.621	50.01
40	460-1570-C-5-D MS	21640.	206.3	518.6	243.5	1056.	20270.
41	460-1437-D-1-B	50120.	.2695	10.55	-.6797	1599.	36930.
42	460-1437-D-11-B	H267900.	2.511	4.933	-2.261	78880.	H1896e3
43	460-1437-D-12-B	63790.	-.3634	-.7025	-1.321	18500.	41630.
44	CCV 051637	121500.	4861.	2476.	12170.	96750.	120500.
45	CCB	5.453	.1443	-.5999	-1.331	-4.965	13.34
46	460-1437-D-13-B	103100.	.2035	-.3042	-1.191	11600.	55840.
47	460-1437-D-3-B	156400.	.0206	4.363	-.0097	-.3387	87560.
48	460-1437-D-6-B	22990.	.2200	-.5425	-.8451	270.7	5351.
49	460-1437-D-7-B	97220.	-.1932	24.27	-2.232	77350.	H720900.
50	460-1437-D-9-B	83080.	-.1019	.1656	-.9044	5521.	47740.
51	460-1438-H-7-B	12830.	-.0660	-.7322	-1.224	403.0	4431.
52	460-1462-A-1-E	89790.	.1003	-1.146	.3335	45.72	11010.
53	460-1462-A-2-C	126700.	-.1759	-.7192	.4452	11.63	15020.
54	460-1462-A-3-C	84810.	-.2261	-.3192	1.616	13.92	64600.
55	460-1462-A-4-C	79400.	.0061	-.2371	1.571	9.301	12830.
56	CCV 051637	121000.	4856.	2479.	12290.	96520.	120700.
57	CCB	-8.444	-.3397	-.7458	-1.299	4.296	9.126
58	460-1462-A-5-C	48380.	.0081	-1.105	.7015	10.17	10100.
59	460-1462-A-6-C	57940.	.2977	-.7517	-.3504	14.13	13000.
60	460-1462-A-7-C	35200.	-.1071	-.1248	-.8035	46.25	8566.

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Na3302	Tl1908
61	460-1462-A-8-C	20700.	.9678	-.9705	-.9024	5.807	8060.
62	ICSA 051609	456800.	1.628	1.860	-3.898	196100.	510400.
63	ICSAB 051627	459700.	95.87	96.72	95.71	195600.	504900.
64	CCV 051637	124200.	4931.	2529.	11990.	98090.	120900.
65	CCB	10.08	.0945	-.2527	-1.440	-.0434	16.30

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Na3302	Tl1908
1	ICV 051637	4881.	2431.	49630.	1221.	121100.	4925.
2	ICB	-.1835	-.0511	-56.40	.0391	143.9	2.111
3	ICSA 051609	-.9166	1.947	-70.14	-.8519	102.1	-3.823
4	ICSAB 051627	95.35	94.16	10990.	99.29	10340.	93.97
5	INT-20	19600.	20200.	-41.98	-.5176	-102.2	-20.31
6	REPLIM	15.98	40.88	5576.	9.531	4937.	8.145
7	MB 460-6210/1-A	-.0076	.2669	-64.25	-.3590	6.786	2.112
8	LCS 460-6210/2-A	520.1	512.2	21630.	48.53	20030.	2063.
9	460-1569-E-5-B DU	-.2716	.0562	2148.	-.2557	13850.	-.5586
10	460-1569-E-5-A	-.2389	.9064	2152.	-.3231	13830.	-.6714
11	SD 460-1569-E-5-A@5	-.2252	-.0747	365.9	.4361	2685.	.0346
12	460-1569-E-5-C MS	527.6	522.3	23220.	49.41	33780.	2079.
13	CCV 051637	4859.	2414.	51150.	1231.	124300.	4932.
14	CCB	-.1478	-.9151	-59.88	.4537	149.0	-.5506
15	460-1595-A-1-A	23.12	9.567	12740.	-.6045	68590.	1.208
16	460-1595-A-2-A	604.7	27.28	12290.	-.1875	70640.	2.608
17	460-1595-A-3-A	1120.	27.77	11460.	-.1591	52440.	2.642
18	ICSA 051609	-.5467	3.233	-56.17	-.7630	68.35	-.1241
19	ICSAB 051627	97.07	96.46	10890.	99.89	10250.	90.71
20	CCV 051637	4932.	2505.	50060.	1229.	121700.	5086.
21	CCB	-.1198	-.3736	-32.94	.3212	120.1	1.564
22	460-1487-A-1-A	304.6	14.12	2495.	-.2704	51600.	-.6994
23	460-1487-B-1-B	335.0	18.66	2597.	-.0723	52870.	-1.295

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Na3302	Tl1908
24	460-1508-H-2-A	6.067	2.918	3010.	-.1037	38410.	2.306
25	460-1532-D-3-A	244.5	91.01	2379.	-.2274	52020.	.1543
26	460-1532-E-3-A	351.0	156.4	6755.	-1.481	48100.	-1.734
27	460-1547-E-1-A	36.66	8.930	9477.	-.2570	37410.	-.8365
28	460-1554-A-1-A	74.08	6.625	17620.	.2345	82790.	1.251
29	460-1569-E-1-A	-.0692	.5442	2184.	-.1305	15010.	.5818
30	460-1569-E-2-A	-.0976	.5379	2135.	-.1901	14510.	1.605
31	460-1569-E-3-A	.1414	.4479	2192.	-.0870	14900.	-1.226
32	CCV 051637	4824.	2459.	50890.	1222.	122900.	5025.
33	CCB	-.1533	-.4334	-66.80	.3346	83.16	.8688
34	460-1569-E-4-A	-.1401	.4792	2166.	.0693	14600.	2.602
35	MB 460-6220/1-A	-.1841	-.6135	-89.48	-.2352	154.1	-1.477
36	LCS 460-6220/2-A	525.2	533.9	21660.	48.73	19820.	2124.
37	460-1570-C-5-C DU	.3043	-.2897	141.3	-.1924	860.5	-1.837
38	460-1570-C-5-B	.3550	-.3590	142.7	-.0510	900.6	1.821
39	SD 460-1570-C-5-B	-.1039	-.5624	-40.76	-.0646	261.2	2.274
40	460-1570-C-5-D MS	517.6	527.7	21470.	48.48	20450.	2126.
41	460-1437-D-1-B	1421.	13.86	2438.	-.1738	66950.	-.7977
42	460-1437-D-11-B	8077.	29.30	9904.	-.1115	87640.	-4.142
43	460-1437-D-12-B	1377.	1.010	2827.	-.1606	46890.	-2.174
44	CCV 051637	4830.	2473.	50700.	1215.	122100.	5054.
45	CCB	-.0030	-.2991	-83.09	-.3054	47.26	2.975
46	460-1437-D-13-B	2195.	10.96	2234.	-.3920	11110.	-4.737
47	460-1437-D-3-B	5963.	28.66	2637.	-.6867	22670.	-4.455
48	460-1437-D-6-B	119.1	1.641	2917.	-.1210	14730.	-1.132
49	460-1437-D-7-B	4323.	15.78	3570.	-.5237	28440.	-7.360
50	460-1437-D-9-B	1693.	3.794	2610.	-.6246	19560.	-1.893
51	460-1438-H-7-B	13.11	-.9784	2776.	-.4952	19490.	-1.833
52	460-1462-A-1-E	551.9	.0252	8387.	-.2258	78320.	-1.642
53	460-1462-A-2-C	482.6	-.1145	15670.	.0829	18540.	-4.213
54	460-1462-A-3-C	1.313	1.329	15650.	-.1361	H360000.	-2.363
55	460-1462-A-4-C	.2595	.6746	2271.	-.0963	18360.	-.2895
56	CCV 051637	4816.	2476.	51620.	1220.	123700.	5075.
57	CCB	-.1031	-.4833	-61.42	-.2211	3.916	1.478
58	460-1462-A-5-C	25.99	.7585	6987.	.0600	5444.	-2.733
59	460-1462-A-6-C	71.85	.5396	5403.	-.0626	95770.	-3.241
60	460-1462-A-7-C	1641.	-.7945	3026.	-.0381	32670.	-3.476
61	460-1462-A-8-C	64.43	-1.026	2518.	-.2720	18030.	-3.738

62	ICSA 051609	-.7318	1.250	-92.43	-.9880	46.35	-1.061
63	ICSAB 051627	94.58	97.29	10920.	97.01	10160.	93.42
64	CCV 051637	4842.	2534.	50290.	1209.	120700.	5167.
65	CCB	-.0544	.1635	-67.03	-.1467	101.8	4.608

#	Sample Name	V_2924	Zn2062	*Y	Ti3349	Sr4215	Sn1899
1	ICV 051637	2427.	7096.	1003.61	9838.	4898.	972.1
2	ICB	1.180	2.470	1034.02	.2237	-.2023	-.4590
3	ICSA 051609	5.587	5.095	975.15	-.8850	-6.840	-1.202
4	ICSAB 051627	98.71	95.88	955.647	95.93	97.06	95.05
5	INT-20	20060.	.0543	1002.69	20430.	18120.	19730.
6	REPLIM	51.50	30.92	1032.34	20.96	21.01	50.14
7	MB 460-6210/1-A	1.113	1.693	1045.97	.4186	.1553	-2.427
8	LCS 460-6210/2-A	502.5	508.0	1042.47	504.8	498.4	501.2

#	Sample Name	V_2924	Zn2062	*Y	Ti3349	Sr4215	Sn1899
9	460-1569-E-5-B DU	2.111	1.495	1024.67	.1477	141.7	-.8975
10	460-1569-E-5-A	1.238	1.925	1024.2	.1901	141.8	-2.565
11	SD 460-1569-E-5-A@5	1.709	-.1056	1028.3	.1598	27.04	-1.469
12	460-1569-E-5-C MS	510.3	521.8	1040.14	507.8	640.7	513.8
13	CCV 051637	2429.	6936.	981.915	9795.	4980.	962.7
14	CCB	1.764	-.3445	1019.82	.1836	-.2155	-1.323
15	460-1595-A-1-A	.7397	60.12	977.493	-.3085	991.8	-2.249
16	460-1595-A-2-A	1.207	26.77	999.62	-.1713	996.3	-1.692
17	460-1595-A-3-A	5.923	301.3	1017.6	19.40	1008.	2.014
18	ICSA 051609	5.536	5.657	968.929	-.9901	-7.103	-2.148
19	ICSAB 051627	100.5	101.7	962.759	96.98	97.36	96.16
20	CCV 051637	2446.	7260.	1004.83	9950.	4957.	999.3
21	CCB	1.879	1.292	1040.99	.2989	-.1629	-1.229
22	460-1487-A-1-A	2.042	8.557	1044.5	.1850	179.6	-.5486
23	460-1487-B-1-B	3.081	39.40	1038.71	.6862	185.9	10.60
24	460-1508-H-2-A	2.327	24.24	1031.04	3.979	188.6	-.7810
25	460-1532-D-3-A	2.021	206.0	1063.72	.5211	70.05	-1.301
26	460-1532-E-3-A	623.3	585.1	1133.17	970.2	107.3	3.324
27	460-1547-E-1-A	2.568	161.6	1021.5	3.040	240.3	.1472
28	460-1554-A-1-A	2.069	362.4	1025.36	6.859	110.5	4.047
29	460-1569-E-1-A	2.243	.4190	1014.63	.1486	136.6	-1.404
30	460-1569-E-2-A	2.849	6.007	1042.95	.1120	133.4	-.3891
31	460-1569-E-3-A	2.809	.7928	1040.01	.1378	138.1	-.3046
32	CCV 051637	2411.	6981.	996.105	9868.	4961.	974.0
33	CCB	3.131	-1.358	1046.33	.2561	-.1992	-1.828
34	460-1569-E-4-A	3.900	1.659	1050.36	.2346	138.1	-.9935
35	MB 460-6220/1-A	2.958	1.222	1036.17	.0465	-.2166	-.8142
36	LCS 460-6220/2-A	510.9	528.0	1037.65	521.3	507.9	520.5
37	460-1570-C-5-C DU	2.298	3.496	1032.82	.0956	1.895	-2.336
38	460-1570-C-5-B	2.250	3.316	1030.51	.1311	1.905	-2.339
39	SD 460-1570-C-5-B	2.934	-.1652	1039.8	.1439	.1647	-1.007
40	460-1570-C-5-D MS	502.1	519.4	1054.99	509.3	498.6	516.9
41	460-1437-D-1-B	2.963	7.091	1013.91	-.0243	196.0	-1.298
42	460-1437-D-11-B	7.602	52.07	961.125	1.339	222.5	5.880
43	460-1437-D-12-B	3.625	4.972	1013.23	-.1403	151.3	-.5365
44	CCV 051637	2399.	7003.	1003.05	9887.	4939.	981.7
45	CCB	3.555	-.5532	1032.24	.4672	-.1215	-1.407
46	460-1437-D-13-B	3.557	2.545	1007.95	-.1906	149.8	-1.860
47	460-1437-D-3-B	4.472	18.98	991.716	-.2579	460.3	-2.447
48	460-1437-D-6-B	4.559	5.571	1019.88	.2368	79.74	-.0556
49	460-1437-D-7-B	4.680	19.39	981.14	.3607	231.9	7.472
50	460-1437-D-9-B	3.776	1.097	1002.61	-.2587	175.8	-1.462
51	460-1438-H-7-B	3.258	3.562	1039.58	.1338	163.0	-.2462
52	460-1462-A-1-E	2.588	11.35	1025.44	-.0999	559.0	-.9576
53	460-1462-A-2-C	2.774	26.52	1013.46	-.2146	744.3	-.3527
54	460-1462-A-3-C	4.770	280.4	1019.62	.1765	498.4	2.076
55	460-1462-A-4-C	4.885	5.410	1030.84	.2762	326.5	-.8401
56	CCV 051637	2399.	6928.	982.526	9931.	4985.	978.9
57	CCB	3.672	-1.218	1040.23	.4337	-.1667	-3.134
58	460-1462-A-5-C	5.646	22.72	1022.57	.3247	212.1	-.8989
59	460-1462-A-6-C	3.630	5.805	1008.58	-.2083	294.4	-.7602
60	460-1462-A-7-C	4.215	11.75	1021.02	-.2119	179.9	-.8741
61	460-1462-A-8-C	3.859	5.592	1001.62	-.2121	119.2	-.4887
62	ICSA 051609	8.211	4.530	980.859	-1.041	-6.644	-.9919

#	Sample Name	V_2924	Zn2062	*Y	Ti3349	Sr4215	Sn1899
63	ICSAB 051627	99.79	98.07	978.466	96.85	96.14	95.66
64	CCV 051637	2393.	7184.	1016.75	9995.	4916.	1001.
65	CCB	4.365	.0520	1039.09	.4613	-.1140	-.8064

#	Sample Name	Pb2203	Se1960	B_2496	La3988	Mo2020
1	ICV 051637	9766.	4961.	982.3	L468.6	2418.
2	ICB	.2479	1.272	2.220	-.4877	.4323
3	ICSA 051609	1.191	1.648	1.020	-.1491	-1.574
4	ICSAB 051627	94.22	94.89	97.95	-.4937	90.39
5	INT-20	2.689	-2.799	19.37	4671.	19530.
6	REPLIM	4.677	3.917	50.00	-.0938	22.31
7	MB 460-6210/1-A	-.1573	-.2261	3.470	-.1135	.9067
8	LCS 460-6210/2-A	508.0	2141.	509.0	-.1876	500.7
9	460-1569-E-5-B DU	.0757	.5688	90.73	-.5096	.4230
10	460-1569-E-5-A	-.1575	-.1004	91.45	-.7755	.5512
11	SD 460-1569-E-5-A@5	.2025	.4149	17.81	.0004	-.2020
12	460-1569-E-5-C MS	515.4	2153.	604.1	-.5979	507.3
13	CCV 051637	9751.	4981.	990.7	474.2	2418.
14	CCB	.7451	-2.163	1.712	-.3217	.0862
15	460-1595-A-1-A	10.94	.5349	890.8	-.0404	1.961
16	460-1595-A-2-A	1.199	-1.134	913.9	-.3434	10.44
17	460-1595-A-3-A	76.01	-.9507	882.3	-.1114	18.50
18	ICSA 051609	-.8707	-.9064	1.813	-.1486	-1.914
19	ICSAB 051627	95.63	95.66	100.2	-.3502	92.49
20	CCV 051637	9967.	5042.	999.2	474.5	2455.
21	CCB	.5441	-.4078	1.472	-.2063	.3117
22	460-1487-A-1-A	-.2401	-.5512	75.18	-.5030	.4006
23	460-1487-B-1-B	47.79	-.9153	77.49	.3354	.6911
24	460-1508-H-2-A	.0901	-.0767	29.64	-.3759	.2722
25	460-1532-D-3-A	-.8768	-.8224	26.27	.3605	.6805
26	460-1532-E-3-A	59.55	9.771	57.91	64.58	2.817
27	460-1547-E-1-A	2.581	.1931	28.76	-.2071	87.90
28	460-1554-A-1-A	5.078	2.119	234.5	.1151	40.80
29	460-1569-E-1-A	-.5905	-1.165	135.1	-.3606	.3833
30	460-1569-E-2-A	-.3865	-1.606	134.7	-.8758	.0745
31	460-1569-E-3-A	.7563	-1.707	130.3	-.5045	.0991
32	CCV 051637	9820.	5018.	994.2	474.8	2422.
33	CCB	.3354	-2.027	1.633	-.1691	.0228
34	460-1569-E-4-A	.8418	1.117	122.6	-.4461	.6999
35	MB 460-6220/1-A	-.5345	-.7094	.9310	-.1118	-1.028
36	LCS 460-6220/2-A	519.1	2043.	501.2	-.3934	510.8
37	460-1570-C-5-C DU	.9775	-.5808	2.180	.0188	-.7363
38	460-1570-C-5-B	.5772	.2855	2.291	-.2447	-1.097
39	SD 460-1570-C-5-B	-.7769	-.9608	.8449	-.0379	-.0850
40	460-1570-C-5-D MS	516.8	2152.	511.3	-.4274	504.8
41	460-1437-D-1-B	-1.106	.3690	44.08	-.2079	-.9644
42	460-1437-D-11-B	2.859	-2.291	197.2	1.426	-4.416
43	460-1437-D-12-B	-.7278	1.048	7.946	-.2449	-.9524
44	CCV 051637	9819.	5003.	994.6	474.2	2418.
45	CCB	.2679	-.0879	.9545	.0753	.5726
46	460-1437-D-13-B	1.130	2.913	6.362	.0615	.8716
47	460-1437-D-3-B	.1811	-.1634	4.573	-.0905	-1.315

#	Sample Name	Pb2203	Se1960	B_2496	La3988	Mo2020
48	460-1437-D-6-B	.9802	-.9994	18.70	-.1882	1.412
49	460-1437-D-7-B	.7188	1.561	90.34	.1672	-2.529
50	460-1437-D-9-B	8.769	2.698	20.74	-.4014	-.2585
51	460-1438-H-7-B	-.1291	-.2040	14.76	2.032	-1.400
52	460-1462-A-1-E	2.628	-.4033	79.77	-.3581	6.786
53	460-1462-A-2-C	5.063	-.7780	231.8	-.5906	2.659
54	460-1462-A-3-C	.7227	-1.057	250.3	-.2450	6.428
55	460-1462-A-4-C	-.7203	.6374	30.66	.4895	1.954
56	CCV 051637	9796.	5008.	993.6	477.8	2419.
57	CCB	.0081	-.7572	.9298	-.1679	.1272

58	460-1462-A-5-C	.7537	-.0847	64.99	-.2824	10.05
59	460-1462-A-6-C	.8580	1.309	26.42	-.1695	1.193
60	460-1462-A-7-C	1.390	.3833	143.8	-.6819	.4335
61	460-1462-A-8-C	1.762	-.5767	22.18	-.5177	-2.051
62	ICSA 051609	-.9269	-1.937	.0365	-.3668	-2.949
63	ICSAB 051627	93.84	94.91	99.37	-.1697	90.03
64	CCV 051637	9972.	5041.	995.8	475.3	2435.
65	CCB	1.534	.0297	.9699	.4834	.5072

Method: SW846 Standard: T3CAL-BLK
Run Time: 05/13/09 12:12:32

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	.2987	.1302	.0302	.0043	-.4265	.0622	.1546
SDev	.0001	.0040	.0142	.0007	.0048	.0717	.0020
%RSD	.0179	3.102	47.16	15.70	1.129	115.3	1.296
#1	.2988	.1274	.0402	.0038	-.4299	.0115	.1532
#2	.2987	.1331	.0201	.0048	-.4231	.1130	.1560

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Avge	.0048	-.0091	.0914	-.0206	.0421	.0062	-.0153
SDev	.0000	.0156	.0040	.0007	.0081	.0007	.0785
%RSD	.0179	171.2	4.425	3.307	19.27	10.86	512.4
#1	.0048	-.0201	.0886	-.0211	.0364	.0057	-.0709
#2	.0048	.0019	.0943	-.0201	.0479	.0067	.0402

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Avge	3.325	-.0029	.0761	-.0680	.0378	.1197	-.1111
SDev	.037	.0122	.0508	.0027	.0047	.0014	.0095
%RSD	1.122	424.1	66.69	4.002	12.51	1.149	8.552
#1	3.299	-.0115	.0402	-.0699	.0345	.1207	-.1178
#2	3.352	.0057	.1120	-.0661	.0412	.1187	-.1043

Elem	2203/2	1960/1	1960/2	B_2496	La3988	Mo2020	Sn1899
Avge	.0613	-.6310	.2485	-.0043	.0034	-.0498	.0388
SDev	.0014	.1477	.0644	.0007	.0075	.0014	.0196
%RSD	2.228	23.41	25.90	15.70	222.3	2.738	50.65
#1	.0622	-.7354	.2940	-.0038	-.0019	-.0508	.0527
#2	.0603	-.5265	.2030	-.0048	.0086	-.0488	.0249

Elem	Sr4215	Ti3349
Avge	.0369	-.0828
SDev	.0007	.0142
%RSD	1.819	17.18
#1	.0364	-.0929
#2	.0373	-.0728

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1044	--	--	--	--	--	--
SDev	.1867031	--	--	--	--	--	--
%RSD	.0178757	--	--	--	--	--	--
#1	1044	--	--	--	--	--	--
#2	1045	--	--	--	--	--	--

Method: SW846 Standard: T3CAL1
Run Time: 05/13/09 12:19:21

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	41.40	4.134	35.42	49.04	14.97	151.2	65.13
SDev	.18	.005	.18	.27	.14	1.4	.61
%RSD	.4440	.1116	.5068	.5453	.9519	.9120	.9329
#1	41.53	4.138	35.55	49.23	15.07	152.1	65.56
#2	41.27	4.131	35.30	48.85	14.86	150.2	64.70

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Avge	21.32	7.838	62.55	18.18	71.33	30.06	42.87
SDev	.16	.054	.32	.16	.54	.24	.40
%RSD	.7692	.6927	.5049	.8792	.7584	.7844	.9239
#1	21.44	7.876	62.77	18.30	71.71	30.23	43.15
#2	21.21	7.799	62.33	18.07	70.95	29.90	42.59

Elem	Ag3280	Tl1908	V_2924	Zn2062	2203/1	2203/2	1960/1
Avge	15.70	12.84	3.888	17.65	45.17	71.14	65.58
SDev	.11	.11	.030	.17	.45	.55	.58
%RSD	.6828	.8394	.7685	.9795	.9875	.7681	.8786
#1	15.78	12.92	3.909	17.78	45.48	71.52	65.99
#2	15.63	12.77	3.867	17.53	44.85	70.75	65.17

Elem	1960/2	B_2496	La3988	Mo2020	Sn1899	Sr4215	Ti3349
Avge	37.61	4.511	2.701	16.99	4.825	205.8	202.9
SDev	.21	.032	.012	.13	.094	1.0	1.2
%RSD	.5632	.7200	.4592	.7818	1.943	.5091	.6045
#1	37.76	4.534	2.710	17.09	4.891	206.6	203.8
#2	37.46	4.488	2.692	16.90	4.758	205.1	202.0

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1038	--	--	--	--	--	--
SDev	.2100086	--	--	--	--	--	--
%RSD	.0202385	--	--	--	--	--	--
#1	1038	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Standard: T3CAL2
Run Time: 05/13/09 12:26:11

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	211.5	20.27	176.6	240.9	75.01	736.3	321.3
SDev	.1	.05	.5	.2	.33	3.2	1.4
%RSD	.0552	.2368	.2956	.0656	.4342	.4405	.4218
#1	211.5	20.30	177.0	241.0	75.24	738.6	322.3
#2	211.4	20.23	176.2	240.8	74.78	734.0	320.4

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Avge	104.8	38.97	315.7	90.91	371.3	147.6	211.4
SDev	.4	.13	.0	.31	1.0	.5	.6
%RSD	.3407	.3373	.0132	.3386	.2637	.3475	.3007
#1	105.0	39.07	315.7	91.13	371.9	148.0	211.9
#2	104.5	38.88	315.7	90.69	370.6	147.2	211.0

Elem	Ag3280	Tl1908	V_2924	Zn2062	2203/1	2203/2	1960/1
Avge	80.70	64.21	19.33	83.86	224.1	351.9	332.7
SDev	.09	.09	.06	.50	.4	2.4	1.3
%RSD	.1058	.1374	.3137	.5978	.1663	.6847	.3912
#1	80.76	64.27	19.38	84.21	224.3	353.6	333.6

#2	80.64	64.15	19.29	83.50	223.8	350.2	331.8

Elem	1960/2	B_2496	La3988	Mo2020	Sn1899	Sr4215	Ti3349
Avge	187.4	22.87	12.55	85.08	24.12	1004.	1030.
SDev	1.1	.11	.02	.29	.10	2.	2.
%RSD	.5998	.4790	.1728	.3458	.3942	.1917	.1725
#1	188.2	22.95	12.57	85.28	24.18	1005.	1031.
#2	186.6	22.80	12.54	84.87	24.05	1002.	1029.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1002	--	--	--	--	--	--
SDev	3.733545	--	--	--	--	--	--
%RSD	.3727030	--	--	--	--	--	--
#1	1004	--	--	--	--	--	--
#2	999	--	--	--	--	--	--

Method: SW846 Standard: T3CAL3
Run Time: 05/13/09 12:33:01

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	425.9	41.32	346.5	469.7	146.3	1420.	624.4
SDev	.9	.19	1.8	.8	.7	8.	3.4
%RSD	.2137	.4701	.5322	.1765	.5050	.5718	.5487
#1	426.6	41.46	347.8	470.3	146.8	1425.	626.8
#2	425.3	41.19	345.2	469.2	145.8	1414.	622.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Avge	207.1	77.27	638.8	179.5	758.3	290.7	416.0
SDev	1.1	.43	.9	.9	3.2	1.2	2.6
%RSD	.5460	.5542	.1479	.5248	.4262	.4296	.6245
#1	207.9	77.57	639.5	180.2	760.6	291.6	417.8
#2	206.3	76.97	638.1	178.9	756.0	289.9	414.2

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Avge	381.1	167.5	229.0	125.2	38.69	172.2	444.9
SDev	.4	.4	.3	.3	.16	1.2	2.5

%RSD	.0992	.2666	.1162	.2578	.4157	.6804	.5651
#1	381.3	167.8	229.2	125.4	38.80	173.0	446.6
#2	380.8	167.2	228.8	125.0	38.57	171.4	443.1

Elem	2203/2	1960/1	1960/2	B_2496	La3988	Mo2020	Sn1899
Avge	698.5	661.5	372.0	46.55	25.26	169.7	48.35
SDev	4.0	3.7	.9	.20	.07	.8	.44
%RSD	.5694	.5632	.2476	.4284	.2719	.4635	.9126
#1	701.3	664.1	372.7	46.69	25.31	170.2	48.66
#2	695.7	658.9	371.4	46.41	25.21	169.1	48.04

Elem	Sr4215	Ti3349
Avge	1949.	2076.
SDev	4.	9.
%RSD	.2264	.4323
#1	1952.	2082.
#2	1946.	2069.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	983	--	--	--	--	--	--
SDev	1.470060	--	--	--	--	--	--
%RSD	.1495352	--	--	--	--	--	--
#1	984	--	--	--	--	--	--

```
 #2      982       --        --        --        --        --        --
-------------------------------------------------------------------------------
Method: SW846            Slope = Conc(SIR)/IR

Element Wavelen   High std   Low std    Slope    Y-intercept  Date Standardized
Al3082  308.215   Multiple   Standards  596.005  -173.574     12/31/99 11:23:00
Sb2068  206.838   Multiple   Standards  47.6018  -6.17757     12/31/99 11:23:00
As1890  189.042   Multiple   Standards  28.3958  -.932331     12/31/99 11:23:00
Ba4934  493.409   Multiple   Standards  41.6172  -.547040     12/31/99 11:23:00
Be3130  313.042   Multiple   Standards  13.2757  5.62170      12/31/99 11:23:00
Cd2265  226.502   Multiple   Standards  3.42511  -.347634     12/31/99 11:23:00
Ca3179  317.933   Multiple   Standards  391.381  -64.5013     12/31/99 11:23:00
Cr2677  267.716   Multiple   Standards  47.6331  -.363195     12/31/99 11:23:00
Co2286  228.616   Multiple   Standards  64.1960  .551130      12/31/99 11:23:00
Cu3247  324.754   Multiple   Standards  39.5810  -3.37258     12/31/99 11:23:00
Fe2714  271.441   Multiple   Standards  1106.51  21.8201      12/31/99 11:23:00
Mg2790  279.079   Multiple   Standards  338.774  -6.84655     12/31/99 11:23:00
Mn2576  257.610   Multiple   Standards  33.8578  -.363516     12/31/99 11:23:00
Ni2316  231.604   Multiple   Standards  11.8049  .114074      12/31/99 11:23:00
K_7664  766.491   T3CAL3     T3CAL-BLK  .665524  -.448066     05/13/09 12:33:01
Ag3280  328.068   Multiple   Standards  15.4320  .113346      12/31/99 11:23:00
Na3302  330.232   T3CAL3     T3CAL-BLK  .643732  .033911      05/13/09 12:33:01
Tl1908  190.864   Multiple   Standards  78.2887  5.21305      12/31/99 11:23:00
V_2924  292.402   Multiple   Standards  128.482  -4.85014     12/31/99 11:23:00
Zn2062  206.200   Multiple   Standards  87.3695  -10.7100     12/31/99 11:23:00
2203/1  220.351   Multiple   Standards  44.7585  4.80906      12/31/99 11:23:00
□□Standardization      Report              05/13/09 12:39:47 PM         page 5


Element Wavelen   High std   Low std    Slope    Y-intercept  Date Standardized
2203/2  220.352   Multiple   Standards  28.3324  -1.89913     12/31/99 11:23:00
1960/1  196.021   Multiple   Standards  15.0531  9.51425      12/31/99 11:23:00
1960/2  196.022   Multiple   Standards  26.5634  -6.61222     12/31/99 11:23:00
Pb2203  220.353   NONE       NONE       1.00000  .000000     *NOT STANDARDIZED
Se1960  196.026   NONE       NONE       1.00000  .000000     *NOT STANDARDIZED
B_2496  249.678   Multiple   Standards  43.6470  .214539      12/31/99 11:23:00
La3988  398.852   Multiple   Standards  38.8017  -.168997     12/31/99 11:23:00
Mo2020  202.030   Multiple   Standards  29.3897  1.45529      12/31/99 11:23:00
Sn1899  189.989   Multiple   Standards  41.7299  -1.60910     12/31/99 11:23:00
Sr4215  421.552   Multiple   Standards  4.99183  -.423600     12/31/99 11:23:00
Ti3349  334.941   Multiple   Standards  9.73148  1.02339      12/31/99 11:23:00
-------------------------------------------------------------------------------
Method: SW846
                                        Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Al3082   308.215     T3CAL-BLK       .000000         4.46591         -4.46591
                     T3CAL1        25000.0          24499.6          500.389
                     T3CAL2       125000.          125861.          -861.359
                     T3CAL3       250000.          253685.          -3685.25
CorCoef: 0.99999
                                        Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Sb2068   206.838     T3CAL-BLK       .000000         .020744         -.020744
                     T3CAL1        200.000          190.621          9.37886
                     T3CAL2       1000.00           958.521          41.4795
                     T3CAL3       2000.00           1960.86          39.1382
CorCoef: 0.99993
                                        Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
As1890   189.042     T3CAL-BLK       .000000         -.075895         .075895
                     T3CAL1       1000.00           1004.95         -4.94897
                     T3CAL2       5000.00           5013.77         -13.7710
                     T3CAL3       10000.0           9837.17          162.831
CorCoef: 0.99995
                                        Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Ba4934   493.409     T3CAL-BLK       .000000         -.367735         .367735
                     T3CAL1       2000.00           2040.45         -40.4481
                     T3CAL2       10000.0           10025.3         -25.2646
                     T3CAL3       20000.0           19549.0          450.961
CorCoef: 0.99991
                                        Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Be3130   313.042     T3CAL-BLK       .000000         -.040934         .040934
                     T3CAL1        200.000          204.293         -4.29306
                     T3CAL2       1000.00           1001.49         -1.48627
```

		T3CAL3	2000.00	1948.10	51.9032
CorCoef: 0.99989					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Cd2265	226.502	T3CAL-BLK	.000000	-.134498	.134498
		T3CAL1	500.000	517.380	-17.3805
		T3CAL2	2500.00	2521.42	-21.4204
		T3CAL3	5000.00	4861.98	138.016
CorCoef: 0.99981					

			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Ca3179	317.933	T3CAL-BLK	.000000	-3.98327	3.98327
		T3CAL1	25000.0	25426.9	-426.949
		T3CAL2	125000.	125704.	-703.633
		T3CAL3	250000.	244323.	5676.75
CorCoef: 0.99989					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Cr2677	267.716	T3CAL-BLK	.000000	-.135165	.135165
		T3CAL1	1000.00	1015.24	-15.2386
		T3CAL2	5000.00	4991.09	8.90527
		T3CAL3	10000.0	9866.03	133.973
CorCoef: 0.99998					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Co2286	228.616	T3CAL-BLK	.000000	-.032867	.032867
		T3CAL1	500.000	503.704	-3.70392
		T3CAL2	2500.00	2502.44	-2.43872
		T3CAL3	5000.00	4960.95	39.0493
CorCoef: 0.99999					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Cu3247	324.754	T3CAL-BLK	.000000	.246519	-.246519
		T3CAL1	2500.00	2472.39	27.6104
		T3CAL2	12500.0	12491.9	8.12988
		T3CAL3	25000.0	25281.6	-281.564
CorCoef: 0.99998					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Fe2714	271.441	T3CAL-BLK	.000000	-.957442	.957442
		T3CAL1	20000.0	20140.4	-140.445
		T3CAL2	100000.	100612.	-611.695
		T3CAL3	200000.	198659.	1341.16
CorCoef: 0.99998					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Mg2790	279.079	T3CAL-BLK	.000000	7.42486	-7.42486
		T3CAL1	25000.0	24158.1	841.943
		T3CAL2	125000.	125763.	-763.117
		T3CAL3	250000.	256893.	-6893.19
CorCoef: 0.99994					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Mn2576	257.610	T3CAL-BLK	.000000	-.152809	.152809
		T3CAL1	1000.00	1017.54	-17.5375
		T3CAL2	5000.00	4997.35	2.64746
		T3CAL3	10000.0	9843.42	156.581
CorCoef: 0.99997					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Ni2316	231.604	T3CAL-BLK	.000000	-.066849	.066849
		T3CAL1	500.000	506.226	-6.22638
		T3CAL2	2500.00	2495.88	4.11621
		T3CAL3	5000.00	4911.06	88.9355
CorCoef: 0.99996					

			Known	Measured	Residual
Element	Wavelength	Standard	Signal	Signal	Signal
K_7664	766.491	T3CAL-BLK	1.76493	3.32519	-1.56026
		T3CAL3	253.164	381.071	-127.907

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T3CAL-BLK	.000000	.069004	-.069004
		T3CAL1	250.000	242.434	7.56563
		T3CAL2	1250.00	1245.43	4.56592
		T3CAL3	2500.00	2584.79	-84.7883
CorCoef: 0.99982					

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	T3CAL-BLK	.082906	.076112	.006794
		T3CAL3	147.460	229.017	-81.5576

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T3CAL-BLK	.000000	-.108906	.108906
		T3CAL1	1000.00	1010.54	-10.5398
		T3CAL2	5000.00	5031.94	-31.9419
		T3CAL3	10000.0	9807.74	192.259
CorCoef: 0.99991					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T3CAL-BLK	.000000	.008865	-.008865
		T3CAL1	500.000	494.693	5.30676
		T3CAL2	2500.00	2479.11	20.8948
		T3CAL3	5000.00	4965.63	34.3672
CorCoef: 1.00000					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T3CAL-BLK	.000000	-.253583	.253583
		T3CAL1	1500.00	1531.67	-31.6677
		T3CAL2	7500.00	7315.92	184.079
		T3CAL3	15000.0	15035.3	-35.3105
CorCoef: 0.99988					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T3CAL-BLK	.000000	-.161999	.161999
		T3CAL1	2000.00	2026.48	-26.4829
		T3CAL2	10000.0	10034.5	-34.5156
		T3CAL3	20000.0	19915.9	84.1074
CorCoef: 0.99999					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T3CAL-BLK	.000000	-.163026	.163026
		T3CAL1	2000.00	2013.58	-13.5769
		T3CAL2	10000.0	9967.08	32.9229
		T3CAL3	20000.0	19787.8	212.184
CorCoef: 0.99999					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T3CAL-BLK	.000000	.016218	-.016218
		T3CAL1	1000.00	996.701	3.29950

		T3CAL2	5000.00	5018.13	-18.1333
		T3CAL3	10000.0	9967.17	32.8252
CorCoef: 0.99999					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T3CAL-BLK	.000000	-.012213	.012213
		T3CAL1	1000.00	992.471	7.52887
		T3CAL2	5000.00	4971.54	28.4561
		T3CAL3	10000.0	9875.21	124.792
CorCoef: 0.99999					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	10.0000	.000000	10.0000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	10.0000	.000000	10.0000

			Known	Measured	Residual

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T3CAL-BLK	.000000	.026490	-.026490
		T3CAL1	200.000	197.088	2.91190
		T3CAL2	1000.00	998.587	1.41284
		T3CAL3	2000.00	2031.94	-31.9445

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
La3988	398.852	T3CAL-BLK	.000000	-.038997	.038997
		T3CAL1	100.000	104.625	-4.62515
		T3CAL2	500.000	486.851	13.1493
		T3CAL3	1000.00	980.047	19.9529

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T3CAL-BLK	.000000	-.007940	.007940
		T3CAL1	500.000	500.842	-.842163
		T3CAL2	2500.00	2501.80	-1.80249
		T3CAL3	5000.00	4987.97	12.0269

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T3CAL-BLK	.000000	.009106	-.009106
		T3CAL1	200.000	199.727	.272568
		T3CAL2	1000.00	1004.74	-4.73657
		T3CAL3	2000.00	2016.05	-16.0527

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	T3CAL-BLK	.000000	-.239594	.239594
		T3CAL1	1000.00	1027.11	-27.1073
		T3CAL2	5000.00	5009.39	-9.39355
		T3CAL3	10000.0	9728.89	271.110

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T3CAL-BLK	.000000	.217427	-.217427
		T3CAL1	2000.00	1975.39	24.6095
		T3CAL2	10000.0	10023.3	-23.3066
		T3CAL3	20000.0	20201.3	-201.291

CorCoef: 0.99999

Method: SW846 Sample Name: ICV 051637 Operator:
Run Time: 05/13/09 12:39:51
Comment: 8048
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	122600.	965.8	4930.	9772.	980.8	2464.	122400.
SDev	171.	.8	1.	7.	3.2	4.	317.
%RSD	.1396	.0802	.0123	.0757	.3246	.1448	.2592
#1	122500.	965.3	4930.	9777.	983.1	2466.	122600.
#2	122700.	966.4	4931.	9767.	978.6	2461.	122200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	131800.	1054.	5274.	10550.	1054.	2637.	131800.
Low	118200.	945.1	4726.	9451.	945.1	2363.	118200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4850.	2434.	12110.	97270.	121900.	4881.	2431.
SDev	7.	1.	.	253.	260.	10.	2.
%RSD	.1490	.0351	.0027	.2602	.2129	.2008	.0664
#1	4855.	2435.	12100.	97450.	122100.	4888.	2430.
#2	4845.	2434.	12110.	97090.	121700.	4874.	2432.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5274.	2637.	13180.	105500.	131800.	5274.	2636.
Low	4726.	2363.	11820.	94510.	118200.	4726.	2363.

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	49630.	1221.	121100.	4925.	2427.	7096.	9793.
SDev	150.	.	75.	1.	5.	18.	19.
%RSD	.3017	.0393	.0620	.0298	.2207	.2494	.1950
#1	49520.	1221.	121100.	4926.	2431.	7108.	9806.
#2	49730.	1220.	121200.	4924.	2424.	L7083.	9779.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	52740.	1318.	131800.	5274.	2637.	7908.	
Low	47260.	1182.	118200.	4726.	2363.	7089.	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	9753.	4973.	4956.	9766.	4961.	982.3	L468.6
SDev	23.	12.	10.	22.	10.	.6	.2
%RSD	.2388	.2331	.1992	.2242	.2105	.0607	.0448

#1	9769.	4981.	4963.	9782.	4969.	981.9	L468.8
#2	9736.	4965.	4949.	9751.	4954.	982.7	L468.5
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Low
High				10550.	5274.	1054.	527.4
Low				9451.	4726.	946.0	472.6

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2418.	972.1	4898.	9838.
SDev	2.	1.2	.	4.
%RSD	.0849	.1264	.0036	.0457
#1	2420.	971.3	4898.	9841.
#2	2417.	973.0	4898.	9834.
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	2636.	1054.	5272.	10540.
Low	2364.	946.0	4728.	9455.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1004	--	--	--	--	--	--
SDev	2.030084	--	--	--	--	--	--
%RSD	.2022776	--	--	--	--	--	--
#1	1002	--	--	--	--	--	--
#2	1005	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:
Run Time: 05/13/09 12:46:40
Comment: 8048
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.40	-.3746	-.2761	-.3860	-.2998	-.0489	34.29
SDev	2.48	2.5543	2.8933	.1711	.0184	.1104	.76
%RSD	10.17	681.9	1048.	44.33	6.137	225.7	2.224
#1	26.15	1.432	1.770	-.2650	-.2867	.0291	34.83
#2	22.64	-2.181	-2.322	-.5070	-.3128	-.1270	33.75
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	100.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-100.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5236	-.2244	-.4154	-3.850	7.903	-.1835	-.0511
SDev	.6834	.7443	.2370	4.422	5.594	.0235	.8005
%RSD	130.5	331.7	57.05	114.8	70.78	12.79	1568.

#1	-.0404	.3019	-.2478	-.7239	11.86	-.1669	.5150
#2	-1.007	-.7508	-.5829	-6.977	3.948	-.2001	-.6171

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-56.40	.0391	143.9	2.111	1.180	2.470	10.42
SDev	4.43	.3164	98.9	1.062	.630	.208	7.46
%RSD	7.848	809.5	68.77	50.31	53.45	8.425	71.54
#1	-53.27	.2628	73.90	2.862	1.625	2.323	5.151
#2	-59.53	-.1847	213.8	1.360	.7337	2.617	15.70

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	3000.	10.00	3000.	10.00	20.00	30.00	
Low	-3000.	-10.00	-3000.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-4.838	4.710	-.4452	.2479	1.272	2.220	-.4877
SDev	2.919	5.518	3.0685	.5358	.209	.452	.2381
%RSD	60.34	117.2	689.3	216.1	16.45	20.37	48.82
#1	-2.774	.8080	1.725	-.1310	1.420	2.540	-.3193
#2	-6.902	8.611	-2.615	.6268	1.124	1.900	-.6560

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.000	5.000	50.00	10.00
Low				-5.000	-5.000	-50.00	-5.000

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.4323	-.4590	-.2023	.2237
SDev	.1986	.0260	.0346	.1844
%RSD	45.95	5.655	17.11	82.45
#1	.5727	-.4774	-.1779	.3541
#2	.2919	-.4407	-.2268	.0933

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	50.00	50.00	20.00
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1034	--	--	--	--	--	--
SDev	2.380098	--	--	--	--	--	--
%RSD	.2301787	--	--	--	--	--	--
#1	1032	--	--	--	--	--	--
#2	1036	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 051609 Operator:
Run Time: 05/13/09 12:53:28
Comment: 8048
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	479300.	-2.521	-.0279	-1.407	-.6079	-.4131	465100.
SDev	1001.	7.683	.2733	.024	.0218	.1773	2796.
%RSD	.2088	304.7	978.7	1.714	3.582	42.92	.6012
#1	478600.	2.911	-.2212	-1.424	-.5925	-.2877	467100.
#2	480000.	-7.954	.1654	-1.390	-.6233	-.5384	463100.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	10.00	8.000	100.0	2.000	5.000	600000.
Low	400000.	-10.00	-8.000	-100.0	-2.000	-5.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7605	2.262	-1.659	198300.	521600.	-.9166	1.947
SDev	.0003	.093	.000	849.	1261.	.0052	.463
%RSD	.0445	4.094	.0137	.4282	.2418	.5709	23.76
#1	.7603	2.197	-1.659	198900.	522500.	-.9129	2.275
#2	.7608	2.327	-1.659	197700.	520700.	-.9203	1.620

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	20.00	25.00	240000.	600000.	15.00	40.00
Low	-10.00	-20.00	-25.00	160000.	400000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-70.14	-.8519	102.1	-3.823	5.587	5.095	20.45
SDev	10.18	.3130	44.8	3.087	.230	.167	3.29
%RSD	14.52	36.73	43.85	80.74	4.122	3.284	16.07
#1	-62.94	-.6306	133.8	-6.006	5.750	5.214	22.77
#2	-77.34	-1.073	70.45	-1.640	5.424	4.977	18.13

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	5000.	10.00	5000.	10.00	20.00	30.00	
Low	-5000.	-10.00	-5000.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-8.430	-2.532	3.733	1.191	1.648	1.020	-.1491
SDev	2.841	.665	1.388	2.989	1.147	.506	.0281
%RSD	33.70	26.25	37.19	250.9	69.63	49.61	18.88
#1	-6.421	-2.062	4.715	3.305	2.459	.6623	-.1292
#2	-10.44	-3.002	2.751	-.9221	.8365	1.378	-.1690

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High				5.000	10.00		20.00
Low				-5.000	-10.00		-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349

Units	ppb	ppb	ppb	ppb
Avge	-1.574	-1.202	-6.840	-.8850
SDev	.278	.030	.061	.0638
%RSD	17.68	2.506	.8870	7.213
#1	-1.770	-1.224	-6.883	-.8399
#2	-1.377	-1.181	-6.797	-.9302

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	50.00	20.00	20.00
Low	-20.00	-50.00	-20.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	975	--	--	--	--	--	--
SDev	.3733631	--	--	--	--	--	--
%RSD	.0382878	--	--	--	--	--	--
#1	975	--	--	--	--	--	--
#2	975	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 051627 Operator:
Run Time: 05/13/09 13:00:16
Comment: 8048
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	473200.	90.85	95.24	103.2	93.47	91.79	457000.
SDev	440.	1.63	2.42	.1	.39	.48	1958.
%RSD	.0931	1.793	2.544	.0959	.4161	.5256	.4284
#1	472800.	92.00	93.53	103.2	93.75	92.13	458300.
#2	473500.	89.70	96.96	103.3	93.20	91.45	455600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	94.41	93.81	99.74	194100.	508500.	95.35	94.16
SDev	.35	.43	.16	593.	1432.	.04	.68
%RSD	.3690	.4611	.1621	.3057	.2816	.0386	.7203
#1	94.65	94.12	99.86	194500.	509500.	95.38	94.64
#2	94.16	93.50	99.63	193700.	507500.	95.33	93.68
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	10990.	99.29	10340.	93.97	98.71	95.88	111.5

SDev	38.	.21	18.	1.88	.25	.29	.4
%RSD	.3504	.2108	.1739	1.997	.2540	.3017	.3358
#1	10960.	99.44	10330.	95.30	98.53	95.67	111.8
#2	11020.	99.14	10350.	92.64	98.89	96.08	111.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	12000.	120.0	12000.	120.0	120.0	120.0	
Low	800.0	80.00	800.0	80.00	80.00	80.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	85.58	91.83	96.42	94.22	94.89	97.95	-.4937
SDev	2.75	5.63	3.44	1.96	.42	.62	.1719
%RSD	3.213	6.131	3.565	2.080	.4404	.6347	34.82
#1	87.52	87.85	98.85	95.60	95.19	98.39	-.3722
#2	83.63	95.81	93.99	92.83	94.60	97.51	-.6153
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				120.0	120.0	120.0	
Low				80.00	80.00	80.00	
Elem	Mo2020	Sn1899	Sr4215	Ti3349			
Units	ppb	ppb	ppb	ppb			
Avge	90.39	95.05	97.06	95.93			
SDev	.30	1.53	.06	.05			
%RSD	.3273	1.612	.0669	.0504			
#1	90.19	93.97	97.02	95.89			
#2	90.60	96.14	97.11	95.96			
Errors	LC Pass	LC Pass	LC Pass	LC Pass			
High	120.0	120.0	120.0	120.0			
Low	80.00	80.00	80.00	80.00			

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	956	--	--	--	--	--	--
SDev	1.026695	--	--	--	--	--	--
%RSD	.1074345	--	--	--	--	--	--

#1	955	--	--	--	--	--	--
#2	956	--	--	--	--	--	--

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 05/13/09 13:07:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.84	27.23	-1.065	.2207	3.968	2.238	74.07
SDev	1.84	.38	1.430	.0306	.001	.113	.87
%RSD	9.296	1.408	134.3	13.88	.0270	5.049	1.173
#1	18.54	26.96	-.0539	.1991	3.969	2.158	74.68
#2	21.15	27.50	-2.077	.2424	3.967	2.318	73.45

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20340.	20110.	1.681	27.53	-33.71	19600.	20200.
SDev	9.	27.	.131	8.79	1.15	31.	36.
%RSD	.0430	.1346	7.803	31.92	3.409	.1589	.1801
#1	20350.	20090.	1.773	33.75	-34.52	19620.	20170.
#2	20340.	20130.	1.588	21.32	-32.89	19570.	20220.

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-41.98	-.5176	-102.2	-20.31	20060.	.0543	5.243
SDev	2.54	.1078	16.3	1.85	55.	.1679	1.108
%RSD	6.053	20.82	15.93	9.086	.2751	308.9	21.14
#1	-43.77	-.5938	-113.7	-21.62	20100.	-.0644	4.459
#2	-40.18	-.4414	-90.69	-19.01	20020.	.1731	6.027

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	1.410	-11.41	1.500	2.689	-2.799	19.37	4671.
SDev	1.167	3.83	2.214	1.147	.200	.59	.
%RSD	82.75	33.59	147.6	42.68	7.147	3.029	.0059
#1	.5850	-14.12	3.065	1.877	-2.658	18.95	4671.
#2	2.235	-8.703	-.0658	3.500	-2.941	19.78	4671.

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	19530.	19730.	18120.	20430.
SDev	15.	13.	4.	14.
%RSD	.0770	.0638	.0218	.0693
#1	19540.	19730.	18120.	20420.
#2	19520.	19740.	18120.	20440.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1003	--	--	--	--	--	--
SDev	1.703418	--	--	--	--	--	--
%RSD	.1698850	--	--	--	--	--	--
#1	1004	--	--	--	--	--	--
#2	1001	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM Operator:
Run Time: 05/13/09 13:13:53
Comment: 8048

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	224.0	8.790	5.449	208.9	1.771	4.021	5327.
SDev	1.1	.298	.823	.1	.028	.018	3.
%RSD	.5003	3.393	15.11	.0408	1.605	.4544	.0576
#1	223.2	9.001	6.031	209.0	1.751	4.034	5330.
#2	224.8	8.579	4.867	208.9	1.792	4.008	5325.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.59	50.50	24.38	184.3	4893.	15.98	40.88
SDev	.23	.21	.10	5.2	6.	.14	.20
%RSD	2.183	.4086	.4197	2.845	.1151	.8993	.4808
#1	10.76	50.36	24.45	180.6	4889.	16.08	41.02
#2	10.43	50.65	24.31	188.0	4897.	15.88	40.74

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	5576.	9.531	4937.	8.145	51.50	30.92	10.13
SDev	8.	.272	33.	2.034	.24	.17	3.28
%RSD	.1349	2.857	.6651	24.97	.4747	.5435	32.40
#1	5571.	9.338	4960.	6.707	51.32	30.80	12.46
#2	5581.	9.723	4913.	9.583	51.67	31.04	7.812

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	1.947	.3241	5.710	4.677	3.917	50.00	-.0938
SDev	3.083	.9313	.818	.963	.856	.85	.1594
%RSD	158.3	287.4	14.32	20.59	21.86	1.707	169.9
#1	-.2328	-.3345	5.132	3.996	3.312	49.40	-.2066
#2	4.128	.9826	6.289	5.359	4.523	50.60	.0189

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	22.31	50.14	21.01	20.96
SDev	.71	.53	.06	.02
%RSD	3.184	1.055	.2879	.0893
#1	22.81	49.77	21.05	20.98
#2	21.81	50.52	20.97	20.95

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1032	--	--	--	--	--	--
SDev	.2800115	--	--	--	--	--	--
%RSD	.0271240	--	--	--	--	--	--
#1	1032	--	--	--	--	--	--
#2	1033	--	--	--	--	--	--

□□Analysis Report 05/13/09 01:20:38 PM page 17

Method: SW846 Sample Name: MB 460-6210/1-A Operator:
Run Time: 05/13/09 13:20:41
Comment: 7976
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	40.08	-3.218	-1.137	-.3484	-.4099	-.2199	36.53
SDev	1.19	2.515	1.207	.0559	.0430	.1883	1.92
%RSD	2.976	78.16	106.2	16.04	10.49	85.63	5.264
#1	40.92	-4.996	-.2832	-.3089	-.3795	-.0868	37.89
#2	39.23	-1.439	-1.991	-.3879	-.4403	-.3531	35.17

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	3.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-3.000	-4.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4315	.1208	-.3074	4.875	11.13	-.0076	.2669
SDev	.2902	.1745	.0209	1.514	2.48	.0007	.1675
%RSD	67.26	144.4	6.801	31.06	22.33	9.517	62.75
#1	-.2263	.2442	-.2926	5.945	12.88	-.0082	.1485
#2	-.6367	-.0026	-.3221	3.804	9.370	-.0071	.3853
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	15.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-15.00	-25.00	-150.0	-500.0	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-64.25	-.3590	6.786	2.112	1.113	1.693	1.252
SDev	9.50	.2304	56.40	1.526	.080	.272	3.564
%RSD	14.79	64.18	831.2	72.27	7.185	16.05	284.7
#1	-57.54	-.1961	46.67	1.032	1.170	1.885	-1.268
#2	-70.97	-.5219	-33.10	3.191	1.057	1.501	3.772
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	3000.	10.00	3000.	10.00	20.00	30.00	
Low	-3000.	-10.00	-3000.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-.8666	1.260	-.9696	-.1573	-.2261	3.470	-.1135
SDev	2.4510	.617	2.7755	.4482	1.6458	.478	.1835
%RSD	282.8	48.95	286.3	284.9	727.8	13.79	161.6
#1	.8666	1.696	-2.932	.1596	-1.390	3.132	.0162
#2	-2.600	.8239	.9930	-.4742	.9376	3.808	-.2433
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.000	5.000	50.00	10.00
Low				-5.000	-5.000	-50.00	-5.000

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.9067	-2.427	.1553	.4186
SDev	.6964	.478	.0562	.0538
%RSD	76.81	19.70	36.20	12.84
#1	1.399	-2.765	.1950	.4567
#2	.4142	-2.089	.1155	.3806
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	20.00	50.00	20.00
Low	-20.00	-20.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1046	--	--	--	--	--	--
SDev	2.006778	--	--	--	--	--	--
%RSD	.1918585	--	--	--	--	--	--
#1	1047	--	--	--	--	--	--
#2	1045	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-6210/2-A Operator:
Run Time: 05/13/09 13:27:29
Comment: 15060
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2071.	487.6	2042.	2047.	50.99	52.12	21020.
SDev	4.	4.4	4.	7.	.04	.08	35.

%RSD	.1847	.8979	.1787	.3482	.0791	.1462	.1681
#1	2074.	484.5	2039.	2042.	51.02	52.18	21040.
#2	2068.	490.7	2045.	2052.	50.96	52.07	20990.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2302.	575.5	2302.	2302.	57.55	57.55	23020.
Low	1698.	424.5	1698.	1698.	42.45	42.45	16980.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	204.1	503.8	247.6	1027.	20030.	520.1	512.2
SDev	1.1	1.5	1.1	16.	25.	.0	.2
%RSD	.5475	.2933	.4354	1.533	.1241	.0042	.0377
#1	204.9	504.9	246.8	1038.	20010.	520.1	512.4
#2	203.3	502.8	248.3	1016.	20040.	520.1	512.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	230.2	575.5	287.5	1151.	23020.	575.5	575.5
Low	169.8	424.5	212.3	849.0	16980.	424.5	424.5

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1

Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	21630.	48.53	20030.	2063.	502.5	508.0	511.9
SDev	54.	.50	58.	.	.7	.9	5.3
%RSD	.2489	1.023	.2874	.0012	.1312	.1726	1.040
#1	21590.	48.88	19990.	2063.	502.9	508.6	515.7
#2	21660.	48.18	20070.	2063.	502.0	507.4	508.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	23020.	57.55	23020.	2302.	575.5	575.5	
Low	16980.	42.45	16980.	1698.	424.5	424.5	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	506.0	2149.	2137.	508.0	2141.	509.0	-.1876
SDev	.7	4.	4.	2.2	4.	.8	.1842
%RSD	.1382	.1930	.1863	.4409	.1885	.1544	98.21
#1	506.5	2146.	2134.	509.5	2138.	509.5	-.0573
#2	505.5	2152.	2140.	506.4	2144.	508.4	-.3179
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High				575.5	2302.		
Low				424.5	1698.		

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	500.7	501.2	498.4	504.8
SDev	.5	1.9	1.1	.4
%RSD	.0925	.3761	.2161	.0852
#1	501.1	502.5	497.6	504.5
#2	500.4	499.9	499.2	505.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	575.5	575.5	575.5	575.5
Low	424.5	424.5	424.5	424.5

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1042	--	--	--	--	--	--
SDev	.0933084	--	--	--	--	--	--
%RSD	.0089507	--	--	--	--	--	--
#1	1042	--	--	--	--	--	--
#2	1043	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1569-E-5-B DU Operator:
Run Time: 05/13/09 13:34:17
Comment: 8329
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	36.08	-.8603	-.7010	43.70	-.4766	-.3761	45460.
SDev	2.47	1.9924	.8981	.06	.0017	.0396	122.
%RSD	6.839	231.6	128.1	.1280	.3566	10.54	.2674
#1	34.33	.5485	-1.336	43.74	-.4778	-.4041	45550.
#2	37.82	-2.269	-.0660	43.66	-.4754	-.3480	45380.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4095	-.1427	.2101	-11.91	12330.	-.2716	.0562
SDev	.1316	.7546	.0751	15.28	.	.1162	.0633
%RSD	32.14	528.7	35.75	128.3	.0028	42.78	112.6
#1	-.5025	.3908	.1570	-1.106	12330.	-.1895	.0114
#2	-.3164	-.6763	.2632	-22.72	12330.	-.3538	.1010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2148.	-.2557	13850.	-.5586	2.111	1.495	5.898
SDev	7.	.0540	116.	1.5773	.103	.268	3.401
%RSD	.3152	21.11	.8367	282.3	4.888	17.92	57.66
#1	2143.	-.2175	13770.	.5567	2.038	1.305	3.493
#2	2153.	-.2939	13930.	-1.674	2.184	1.684	8.303
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.836	5.176	-1.733	.0757	.5688	90.73	-.5096
SDev	1.604	4.655	.547	.0618	1.185	.24	.2135
%RSD	56.56	89.95	31.58	81.63	208.4	.2640	41.90
#1	-1.702	1.884	-1.346	.0320	-.2694	90.56	-.6606
#2	-3.971	8.467	-2.119	.1194	1.407	90.90	-.3586
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.4230	-.8975	141.7	.1477
SDev	.2413	1.0065	.2	.0353
%RSD	57.06	112.1	.1538	23.93
#1	.2523	-.1858	141.6	.1727

#2	.5936	-1.609	141.9	.1227
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1025	--	--	--	--	--	--
SDev	2.030127	--	--	--	--	--	--
%RSD	.1981256	--	--	--	--	--	--
#1	1026	--	--	--	--	--	--
#2	1023	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1569-E-5-A Operator:
Run Time: 05/13/09 13:41:06
Comment: 14543
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	40.26	.1186	-.9176	43.78	-.5510	-.5094	45610.
SDev	3.17	1.666	.1842	.05	.0494	.0775	21.
%RSD	7.863	1405.	20.08	.1218	8.971	15.22	.0469
#1	38.02	1.297	-.7873	43.82	-.5160	-.5642	45620.
#2	42.50	-1.059	-1.048	43.75	-.5859	-.4546	45590.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2934	-1.051	.0474	-11.31	12360.	-.2389	.9064
SDev	.0989	.352	.0320	5.42	13.	.0241	.7316
%RSD	33.72	33.53	67.51	47.96	.1070	10.09	80.71
#1	-.3633	-1.300	.0248	-7.472	12370.	-.2559	1.424
#2	-.2234	-.8018	.0700	-15.14	12350.	-.2218	.3891
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2152.	-.3231	13830.	-.6714	1.238	1.925	4.145
SDev	3.	.6813	30.	1.7421	.982	.705	1.608
%RSD	.1374	210.8	.2202	259.5	79.36	36.65	38.78
#1	2155.	-.8049	13850.	.5604	.5431	2.423	5.282
#2	2150.	.1586	13810.	-1.903	1.932	1.426	3.009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.312	.3053	-.3045	-.1575	-.1004	91.45	-.7755
SDev	3.678	2.282	.6537	2.9885	.3238	.07	.5366
%RSD	159.1	747.3	214.7	1897.	322.5	.0728	69.19
#1	.2891	-1.308	.1577	1.956	-.3294	91.41	-.3961
#2	-4.912	1.919	-.7667	-2.271	.1286	91.50	-1.155

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.5512	-2.565	141.8	.1901
SDev	.2650	2.102	.1	.0146
%RSD	48.08	81.94	.0754	7.697

#1	.7386	-4.051	141.9	.2005
#2	.3638	-1.079	141.7	.1798

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1024	--	--	--	--	--	--
SDev	1.423363	--	--	--	--	--	--
%RSD	.1389726	--	--	--	--	--	--
#1	1025	--	--	--	--	--	--
#2	1023	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-1569-E-5-A@5 Operator:
Run Time: 05/13/09 13:47:54
Comment: 14568
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.26	.1631	-.7601	7.992	-.5165	-.1529	9038.
SDev	1.30	.2261	1.9684	.008	.0105	.0677	11.
%RSD	4.437	138.6	259.0	.1026	2.024	44.28	.1167
#1	30.18	.3229	.6318	7.998	-.5239	-.1050	9031.
#2	28.34	.0032	-2.152	7.987	-.5091	-.2008	9045.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3169	-.0354	-.3129	-.4951	2379.	-.2252	-.0747
SDev	.0003	.5704	.1456	5.1580	6.	.0242	.2681
%RSD	.0910	1613.	46.55	1042.	.2429	10.76	359.1
#1	-.3171	-.4387	-.2099	-4.142	2375.	-.2423	-.2643
#2	-.3167	.3680	-.4159	3.152	2383.	-.2081	.1149

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	365.9	.4361	2685.	.0346	1.709	-.1056	5.917
SDev	2.7	.0337	51.	.5084	.127	.5395	1.453
%RSD	.7279	7.725	1.913	1471.	7.449	510.9	24.55
#1	364.0	.4123	2721.	-.3249	1.619	.2759	4.889
#2	367.8	.4599	2648.	.3941	1.799	-.4870	6.944

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.656	1.302	-.0293	.2025	.4149	17.81	.0004
SDev	.608	.068	.5076	.0781	.3613	.11	.1324
%RSD	22.90	5.234	1733.	38.55	87.07	.6126	31110.
#1	-2.226	1.350	.3296	.1473	.6704	17.89	.0941
#2	-3.086	1.254	-.3882	.2577	.1595	17.73	-.0932

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass

High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.2020	-1.469	27.04	.1598
SDev	.1522	.544	.03	.0250
%RSD	75.34	37.07	.1045	15.67
#1	-.3096	-1.084	27.02	.1775
#2	-.0944	-1.854	27.06	.1421

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7	□□Analysis

Report 05/13/09 01:54:39 PM page 24

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1028	--	--	--	--	--	--
SDev	5.903634	--	--	--	--	--	--
%RSD	.5741179	--	--	--	--	--	--
#1	1032	--	--	--	--	--	--
#2	1024	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1569-E-5-C MS Operator:
Run Time: 05/13/09 13:54:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2050.	508.6	2092.	2095.	52.51	52.86	68760.
SDev	1.	.6	8.	2.	.10	.09	99.
%RSD	.0591	.1142	.4011	.0791	.1883	.1715	.1440
#1	2051.	508.2	2086.	2094.	52.44	52.92	68690.
#2	2049.	509.0	2098.	2097.	52.58	52.79	68830.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	207.4	511.5	249.0	1052.	33200.	527.6	522.3
SDev	.3	.4	.6	3.	62.	.4	2.0
%RSD	.1498	.0816	.2406	.3046	.1865	.0778	.3895
#1	207.2	511.2	248.5	1054.	33150.	527.3	520.9
#2	207.7	511.8	249.4	1049.	33240.	527.9	523.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	23220.	49.41	33780.	2079.	510.3	521.8	518.7
SDev	31.	.08	141.	5.	1.3	.5	2.1
%RSD	.1341	.1563	.4159	.2429	.2462	.1027	.4136
#1	23240.	49.47	33880.	2075.	509.4	521.5	517.2
#2	23190.	49.36	33690.	2083.	511.2	522.2	520.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988

Units				ppb	ppb	ppb	ppb
Avge	513.8	2154.	2152.	515.4	2153.	604.1	-.5979

SDev	1.9	2.	5.	2.0	3.	.2	.2899
%RSD	.3677	.1104	.2391	.3831	.1227	.0315	48.49
#1	512.4	2155.	2148.	514.0	2151.	604.0	-.8029
#2	515.1	2152.	2156.	516.8	2154.	604.3	-.3929
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	507.3	513.8	640.7	507.8
SDev	1.3	.8	.4	.2
%RSD	.2607	.1556	.0559	.0404
#1	506.3	513.2	640.4	507.7
#2	508.2	514.4	641.0	508.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1040	--	--	--	--	--	--
SDev	.5834149	--	--	--	--	--	--
%RSD	.0560898	--	--	--	--	--	--
#1	1041	--	--	--	--	--	--
#2	1040	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 051637 Operator:
Run Time: 05/13/09 14:01:32
Comment: 15060
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125300.	981.8	4928.	9977.	968.4	2415.	120900.
SDev	444.	.8	9.	27.	3.0	8.	376.
%RSD	.3541	.0774	.1879	.2696	.3149	.3155	.3110
#1	125000.	982.4	4935.	9958.	970.5	2421.	121200.
#2	125700.	981.3	4922.	9996.	966.2	2410.	120600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1105.	5525.	11050.	1105.	2762.	138100.
Low	112000.	895.0	4475.	8950.	895.0	2238.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4827.	2424.	12400.	96440.	121800.	4859.	2414.
SDev	9.	1.	47.	107.	59.	8.	5.
%RSD	.1762	.0397	.3754	.1107	.0483	.1642	.2235

#1	4833.	2425.	12360.	96520.	121900.	4865.	2418.
#2	4821.	2423.	12430.	96370.	121800.	4854.	2410.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5525.	2762.	13810.	110500.	138100.	5525.	2762.
Low	4480.	2238.	11200.	89500.	112000.	4480.	2238.

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	51150.	1231.	124300.	4932.	2429.	6936.	9757.

SDev	342.	2.	747.	4.	3.	35.	13.
%RSD	.6687	.1809	.6012	.0885	.1252	.5044	.1298
#1	50900.	1229.	123800.	4929.	2431.	6961.	9766.
#2	51390.	1233.	124900.	4935.	2426.	6912.	9748.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	55250.	1381.	138100.	5524.	2762.	8285.	
Low	44750.	1120.	112000.	4475.	2238.	6714.	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	9748.	4970.	4986.	9751.	4981.	990.7	474.2
SDev	19.	16.	3.	17.	3.	1.4	1.4
%RSD	.1979	.3146	.0549	.1752	.0679	.1438	.2895
#1	9762.	4958.	4988.	9763.	4978.	989.7	473.3
#2	9734.	4981.	4984.	9739.	4983.	991.7	475.2
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				11050.	5525.	1104.	552.5
Low				8951.	4475.	896.0	447.5

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2418.	962.7	4980.	9795.
SDev	3.	3.9	11.	6.
%RSD	.1296	.4002	.2173	.0643
#1	2420.	965.4	4972.	9790.
#2	2416.	960.0	4988.	9799.
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	2760.	1104.	5520.	11040.
Low	2239.	896.0	4478.	8960.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	982	--	--	--	--	--	--
SDev	3.593496	--	--	--	--	--	--
%RSD	.3659681	--	--	--	--	--	--
#1	984	--	--	--	--	--	--
#2	979	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 14:08:21
Comment: 15060
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.73	-2.749	-.7482	-.4044	-.5252	.0179	-5.208
SDev	.60	3.862	.3518	.0864	.0084	.1846	.764
%RSD	2.154	140.5	47.02	21.38	1.604	1029.	14.67
#1	28.15	-5.480	-.9969	-.4655	-.5193	-.1126	-5.748
#2	27.31	-.0185	-.4994	-.3433	-.5312	.1484	-4.668
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	100.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-100.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6903	.5509	-.2194	-13.50	5.442	-.1478	-.9151
SDev	.9907	.1778	.1210	11.52	7.036	.0701	.5415
%RSD	143.5	32.28	55.17	85.34	129.3	47.43	59.17
#1	-1.391	.4252	-.3050	-21.64	.4660	-.1974	-1.298

#2	.0102	.6766	-.1338	-5.353	10.42	-.0983	-.5322
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-59.88	.4537	149.0	-.5506	1.764	-.3445	8.976
SDev	4.48	.1816	32.7	2.9388	.444	.7190	2.612
%RSD	7.478	40.03	21.95	533.8	25.19	208.7	29.10
#1	-63.05	.3253	125.9	-2.629	1.450	-.8529	10.82
#2	-56.72	.5822	172.2	1.528	2.078	.1639	7.129
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	3000.	10.00	3000.	10.00	20.00	30.00	
Low	-3000.	-10.00	-3000.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-3.369	-1.329	-2.581	.7451	-2.163	1.712	-.3217
SDev	1.809	2.376	2.691	.3364	1.004	.725	1.2915
%RSD	53.70	178.9	104.3	45.15	46.40	42.35	401.4
#1	-4.649	.3517	-4.484	.5072	-2.873	1.200	-1.235
#2	-2.090	-3.009	-.6784	.9829	-1.453	2.225	.5915
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.000	5.000	50.00	10.00

Low				-5.000	-5.000	-50.00	-5.000
Elem	Mo2020	Sn1899	Sr4215	Ti3349			
Units	ppb	ppb	ppb	ppb			
Avge	.0862	-1.323	-.2155	.1836			
SDev	.5921	.752	.0310	.2975			
%RSD	687.3	56.83	14.37	162.1			
#1	-.3325	-1.855	-.2373	-.0268			
#2	.5048	-.7914	-.1936	.3940			
Errors	LC Pass	LC Pass	LC Pass	LC Pass			
High	20.00	50.00	50.00	20.00			
Low	-20.00	-50.00	-50.00	-20.00			
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1020	--	--	--	--	--	--
SDev	.8633401	--	--	--	--	--	--
%RSD	.0846565	--	--	--	--	--	--
#1	1019	--	--	--	--	--	--
#2	1020	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1595-A-1-A Operator:
Run Time: 05/13/09 14:15:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.51	-.4870	.0014	145.4	-.9524	-.1659	181300.
SDev	10.81	2.1968	.5437	9.2	.3099	.1292	8867.
%RSD	25.44	451.1	39000.	6.327	32.54	77.89	4.891
#1	34.86	1.066	.3859	138.9	-.7332	-.0745	175000.
#2	50.15	-2.040	-.3831	151.9	-1.171	-.2573	187600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4978	-.1119	73.76	5.205	26660.	23.12	9.567
SDev	.6459	.1075	4.75	2.430	1511.	1.22	.388
%RSD	129.7	96.01	6.436	46.68	5.669	5.280	4.054
#1	.9545	-.1879	70.41	6.923	25590.	22.26	9.293
#2	.0411	-.0359	77.12	3.487	27730.	23.99	9.842
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	12740.	-.6045	68590.	1.208	.7397	60.12	13.67
SDev	725.	.0199	3808.	4.220	.3692	2.53	3.42
%RSD	5.688	3.292	5.552	349.4	49.91	4.216	25.02
#1	12230.	-.6186	65900.	4.192	1.001	58.33	11.26
#2	13250.	-.5904	71280.	-1.776	.4787	61.91	16.09
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	9.576	-.5927	1.097	10.94	.5349	890.8	-.0404
SDev	.244	3.1189	.097	.98	.9746	48.9	.4146
%RSD	2.552	526.2	8.849	8.922	182.2	5.484	1025.
#1	9.749	-2.798	1.166	10.25	-.1543	856.2	.2527
#2	9.403	1.613	1.028	11.63	1.224	925.3	-.3336
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1.961	-2.249	991.8	-.3085
SDev	.387	.847	61.4	.1790
%RSD	19.72	37.66	6.188	58.04
#1	1.688	-1.650	948.4	-.1819
#2	2.235	-2.848	1035.	-.4351
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	977	--	--	--	--	--	--
SDev	48.90914	--	--	--	--	--	--
%RSD	5.003529	--	--	--	--	--	--
#1	1012	--	--	--	--	--	--
#2	943	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1595-A-2-A Operator:
Run Time: 05/13/09 14:21:58
Comment: 14568
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32.59	.3064	-.6695	165.3	-.7393	-.1822	188100.
SDev	2.05	.6286	.8781	.1	.0019	.2260	129.
%RSD	6.306	205.2	131.2	.0334	.2612	124.1	.0684
#1	31.13	.7509	-1.290	165.3	-.7379	-.3420	188200.
#2	34.04	-.1382	-.0486	165.2	-.7407	-.0223	188000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1608	1.228	14.04	229.9	27200.	604.7	27.28
SDev	.2012	.455	.23	1.2	2.	.1	.91
%RSD	125.1	37.09	1.671	.5269	.0089	.0136	3.336
#1	.3030	.9059	14.21	230.8	27200.	604.6	27.93
#2	.0185	1.550	13.88	229.1	27200.	604.7	26.64
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	12290.	-.1875	70640.	2.608	1.207	26.77	4.324
SDev	11.	.1850	16.	.769	.282	.36	1.837
%RSD	.0860	98.67	.0233	29.50	23.39	1.346	42.50
#1	12280.	-.3184	70630.	2.064	1.007	27.03	5.623
#2	12300.	-.0567	70650.	3.151	1.406	26.52	3.024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-.3675	1.172	-2.286	1.199	-1.134	913.9	-.3434
SDev	.6039	.242	3.315	.209	2.291	1.9	.2467
%RSD	164.4	20.61	145.0	17.44	202.1	.2034	71.83
#1	-.7945	1.001	-4.630	1.346	-2.754	912.6	-.5179
#2	.0596	1.343	.0585	1.051	.4862	915.2	-.1690
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00
Elem	Mo2020	Sn1899	Sr4215	Ti3349			
Units	ppb	ppb	ppb	ppb			
Avge	10.44	-1.692	996.3	-.1713			
SDev	.17	.236	.7	.0779			
%RSD	1.638	13.95	.0722	45.49			

#1	10.56	-1.859	995.8	-.1162
#2	10.32	-1.525	996.8	-.2263
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1000	--	--	--	--	--	--
SDev	1.796769	--	--	--	--	--	--
%RSD	.1797453	--	--	--	--	--	--
#1	1001	--	--	--	--	--	--
#2	998	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1595-A-3-A Operator:
Run Time: 05/13/09 14:28:46
Comment: 7834
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	490.9	1.060	.6501	250.2	-.6642	.2490	214200.
SDev	.1	1.676	.1779	.0	.0314	.0333	272.
%RSD	.0277	158.1	27.37	.0094	4.725	13.37	.1271
#1	491.0	2.245	.5243	250.1	-.6420	.2726	214400.
#2	490.8	-.1249	.7759	250.2	-.6864	.2255	214000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.11	2.710	41.38	4388.	26350.	1120.	27.77
SDev	.01	.182	.16	14.	16.	1.	.32
%RSD	.0942	6.713	.3843	.3189	.0626	.1000	1.151
#1	12.10	2.581	41.27	4378.	26360.	1121.	28.00
#2	12.12	2.838	41.49	4398.	26340.	1119.	27.54
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	11460.	-.1591	52440.	2.642	5.923	301.3	79.21
SDev	8.	.3207	77.	.822	.488	.6	1.57
%RSD	.0661	201.6	.1471	31.13	8.234	.1924	1.983
#1	11470.	-.3858	52390.	3.223	5.579	301.7	80.32
#2	11460.	.0677	52500.	2.060	6.268	300.9	78.10

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	74.41	-1.995	-.4308	76.01	-.9507	882.3	-.1114
SDev	3.61	2.977	1.1216	1.88	1.7393	.2	.2429
%RSD	4.846	149.2	260.4	2.476	183.0	.0262	218.1
#1	71.86	.1097	.3623	74.68	.2792	882.5	-.2831
#2	76.96	-4.100	-1.224	77.34	-2.181	882.2	.0604
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	18.50	2.014	1008.	19.40
SDev	.55	.446	1.	6.09
%RSD	2.977	22.13	.0777	31.40
#1	18.11	1.698	1008.	15.09
#2	18.89	2.329	1009.	23.70
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1018	--	--	--	--	--	--
SDev	3.616844	--	--	--	--	--	--
%RSD	.3554273	--	--	--	--	--	--
#1	1020	--	--	--	--	--	--
#2	1015	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 051609 Operator:
Run Time: 05/13/09 14:35:34
Comment: 7928
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	481300.	-6.380	-2.607	-1.557	-.8055	-1.257	475400.
SDev	867.	.452	1.889	.062	.0111	.060	381.
%RSD	.1801	7.090	72.44	3.958	1.381	4.771	.0801
#1	480700.	-6.700	-1.272	-1.600	-.8133	-1.300	475200.
#2	481900.	-6.060	-3.943	-1.513	-.7976	-1.215	475700.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	10.00	8.000	100.0	2.000	5.000	600000.
Low	400000.	-10.00	-8.000	-100.0	-2.000	-5.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.367	2.471	-2.069	201200.	527500.	-.5467	3.233
SDev	.670	.274	.183	170.	1328.	.0333	.243
%RSD	28.30	11.11	8.831	.0847	.2518	6.095	7.511
#1	1.893	2.665	-2.198	201100.	526600.	-.5703	3.061
#2	2.841	2.277	-1.940	201300.	528500.	-.5231	3.405

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	20.00	25.00	240000.	600000.	15.00	40.00
Low	-10.00	-20.00	-25.00	160000.	400000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-56.17	-.7630	68.35	-.1241	5.536	5.657	25.32
SDev	1.00	.2283	39.02	1.8176	.846	.885	3.70
%RSD	1.782	29.92	57.09	1465.	15.27	15.64	14.62
#1	-56.88	-.6016	95.95	1.161	6.134	6.282	27.94
#2	-55.46	-.9245	40.76	-1.409	4.938	5.031	22.71

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	5000.	10.00	5000.	10.00	20.00	30.00	
Low	-5000.	-10.00	-5000.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-13.95	-3.493	.3834	-.8707	-.9064	1.813	-.1486
SDev	.63	5.408	1.052	1.6525	1.0991	.472	.1983
%RSD	4.509	154.8	274.4	189.8	121.3	26.05	133.4
#1	-13.51	-7.317	1.127	.2978	-1.684	2.147	-.2888
#2	-14.40	.3311	-.3606	-2.039	-.1292	1.479	-.0084

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High				5.000	10.00		20.00
Low				-5.000	-10.00		-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.914	-2.148	-7.103	-.9901
SDev	1.427	.702	.005	.0918
%RSD	74.57	32.69	.0706	9.274
#1	-.9048	-1.652	-7.107	-1.055

#2	-2.923	-2.645	-7.100	-.9252
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	50.00	20.00	20.00
Low	-20.00	-50.00	-20.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	969	--	--	--	--	--	--
SDev	3.383530	--	--	--	--	--	--
%RSD	.3492029	--	--	--	--	--	--
#1	971	--	--	--	--	--	--
#2	967	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 051627 Operator:
Run Time: 05/13/09 14:42:22
Comment: 7928
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	475300.	93.84	98.07	103.3	95.68	93.47	471800.
SDev	525.	2.22	4.84	.0	.58	.69	3457.
%RSD	.1104	2.366	4.932	.0078	.6046	.7334	.7327
#1	474900.	95.41	101.5	103.3	96.09	93.96	474200.
#2	475700.	92.27	94.65	103.3	95.27	92.99	469300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.80	96.49	99.30	199400.	519600.	97.07	96.46
SDev	.34	.60	.26	972.	2335.	.22	.63
%RSD	.3504	.6210	.2592	.4874	.4493	.2314	.6556
#1	97.04	96.91	99.11	200100.	521300.	97.23	96.90
#2	96.56	96.06	99.48	198700.	518000.	96.91	96.01
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	10890.	99.89	10250.	90.71	100.5	101.7	118.7
SDev	40.	.51	24.	.43	.6	.3	1.7
%RSD	.3690	.5076	.2306	.4767	.5564	.3063	1.421
#1	10860.	100.2	10230.	91.01	100.9	101.9	117.5
#2	10920.	99.53	10270.	90.40	100.1	101.4	119.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	12000.	120.0	12000.	120.0	120.0	120.0	
Low	800.0	80.00	800.0	80.00	80.00	80.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb

Avge	84.13	87.35	99.81	95.63	95.66	100.2	-.3502
SDev	.52	.45	.48	.21	.17	.6	.1992
%RSD	.6227	.5163	.4788	.2217	.1762	.5808	56.89
#1	84.50	87.03	100.1	95.48	95.78	100.6	-.2093
#2	83.76	87.67	99.47	95.78	95.54	99.81	-.4911

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				120.0	120.0	120.0	
Low				80.00	80.00	80.00	

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	92.49	96.16	97.36	96.98
SDev	.60	1.25	.09	.11
%RSD	.6447	1.299	.0931	.1115
#1	92.91	95.28	97.30	97.06
#2	92.06	97.04	97.43	96.90

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	120.0
Low	80.00	80.00	80.00	80.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	963	--	--	--	--	--	--
SDev	1.283400	--	--	--	--	--	--
%RSD	.1333045	--	--	--	--	--	--
#1	962	--	--	--	--	--	--
#2	964	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 051637 Operator:
Run Time: 05/13/09 14:49:11
Comment: 8217
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124100.	975.0	5051.	9825.	991.0	2514.	125900.
SDev	18.	1.0	18.	5.	3.7	14.	688.
%RSD	.0148	.1001	.3582	.0508	.3709	.5641	.5462
#1	124100.	975.7	5063.	9821.	993.6	2524.	126400.
#2	124200.	974.3	5038.	9828.	988.4	2504.	125400.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1105.	5525.	11050.	1105.	2762.	138100.
Low	112000.	895.0	4475.	8950.	895.0	2238.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4954.	2502.	12190.	99200.	123200.	4932.	2505.
SDev	23.	11.	15.	394.	256.	13.	14.

%RSD	.4627	.4590	.1219	.3967	.2080	.2696	.5740
#1	4970.	2510.	12170.	99480.	123400.	4941.	2515.
#2	4937.	2494.	12200.	98920.	123000.	4922.	2495.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5525.	2762.	13810.	110500.	138100.	5525.	2762.
Low	4480.	2238.	11200.	89500.	112000.	4480.	2238.

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	50060.	1229.	121700.	5086.	2446.	7260.	9972.
SDev	75.	.	112.	10.	1.	48.	26.
%RSD	.1497	.0325	.0923	.2061	.0610	.6586	.2647
#1	50000.	1229.	121600.	5093.	2447.	7294.	9991.
#2	50110.	1229.	121800.	5079.	2445.	7226.	9953.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	55250.	1381.	138100.	5524.	2762.	8285.	
Low	44750.	1120.	112000.	4475.	2238.	6714.	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988

Units				ppb	ppb	ppb	ppb
Avge	9964.	5019.	5053.	9967.	5042.	999.2	474.5
SDev	101.	10.	41.	76.	31.	.3	.4
%RSD	1.019	.2015	.8152	.7674	.6118	.0306	.0780
#1	10040.	5026.	5082.	10020.	5064.	999.5	474.8
#2	9892.	5012.	5024.	9913.	5020.	999.0	474.3
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				11050.	5525.	1104.	552.5
Low				8951.	4475.	896.0	447.5

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2455.	999.3	4957.	9950.
SDev	10.	5.0	2.	26.
%RSD	.3900	.4973	.0500	.2623
#1	2462.	1003.	4959.	9969.
#2	2448.	995.8	4955.	9932.
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	2760.	1104.	5520.	11040.
Low	2239.	896.0	4478.	8960.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1005	--	--	--	--	--	--
SDev	.9567348	--	--	--	--	--	--
%RSD	.0952133	--	--	--	--	--	--

#1	1004	--	--	--	--	--	--
#2	1006	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 14:55:59
Comment: 8217
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.09	-.1635	-.1633	-.2474	-.4257	-.0211	24.79
SDev	1.55	.8637	.9651	.0288	.0142	.0990	2.01
%RSD	4.410	528.3	590.8	11.63	3.325	468.0	8.103
#1	36.18	-.7742	-.8458	-.2270	-.4357	.0488	26.21
#2	33.99	.4473	.5191	-.2677	-.4157	-.0911	23.37
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	100.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-100.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3229	-.0039	-.3403	-4.773	13.33	-.1198	-.3736
SDev	.3870	.2607	.0453	4.579	3.72	.0233	.0483
%RSD	119.9	6627.	13.30	95.92	27.86	19.48	12.93
#1	.0492	.1804	-.3083	-8.011	15.96	-.1033	-.4078
#2	.5965	-.1883	-.3723	-1.536	10.71	-.1363	-.3394
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-32.94	.3212	120.1	1.564	1.879	1.292	5.362
SDev	5.89	.4196	35.2	.169	.970	.218	.488
%RSD	17.89	130.6	29.31	10.79	51.62	16.86	9.093

#1	-28.78	.6180	144.9	1.444	2.565	1.138	5.706
#2	-37.11	.0245	95.18	1.683	1.193	1.446	5.017

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	3000.	10.00	3000.	10.00	20.00	30.00	
Low	-3000.	-10.00	-3000.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-1.867	-1.624	.1979	.5441	-.4078	1.472	-.2063
SDev	1.116	3.291	1.217	.9069	1.9079	.532	.0001
%RSD	59.79	202.7	615.1	166.7	467.8	36.11	.0300

#1	-1.078	-3.951	-.6629	1.185	-1.757	1.096	-.2063
#2	-2.656	.7031	1.059	-.0971	.9413	1.848	-.2062

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass

High			5.000	5.000	50.00	10.00
Low			-5.000	-5.000	-50.00	-5.000

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.3117	-1.229	-.1629	.2989
SDev	.1416	.254	.0098	.0054
%RSD	45.43	20.71	6.010	1.822

#1	.2116	-1.409	-.1698	.3027
#2	.4119	-1.049	-.1560	.2950

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	50.00	50.00	20.00
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1041	--	--	--	--	--	--
SDev	1.726767	--	--	--	--	--	--
%RSD	.1658781	--	--	--	--	--	--

#1	1040	--	--	--	--	--	--
#2	1042	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1487-A-1-A Operator:
Run Time: 05/13/09 15:25:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	174.2	-.1596	-2.079	16.17	-.4339	-.2230	35510.
SDev	1.6	1.5695	.487	.09	.0118	.0445	1.
%RSD	.9351	983.4	23.41	.5323	2.728	19.97	.0037

#1	173.0	.9502	-2.424	16.23	-.4422	-.1915	35520.
#2	175.3	-1.269	-1.735	16.11	-.4255	-.2545	35510.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2484	2.155	.4742	5.261	13880.	304.6	14.12
SDev	.4194	.429	.2276	2.275	4.	.1	.02
%RSD	168.8	19.91	48.00	43.23	.0275	.0384	.1164

#1	.0482	1.852	.6352	3.653	13880.	304.7	14.11
#2	-.5450	2.459	.3133	6.870	13880.	304.5	14.13

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2495.	-.2704	51600.	-.6994	2.042	8.557	3.547
SDev	2.	.2076	16.	.6708	.373	.187	1.542
%RSD	.0767	76.77	.0301	95.90	18.28	2.182	43.46
#1	2493.	-.1236	51610.	-.2251	2.306	8.689	4.638
#2	2496.	-.4172	51590.	-1.174	1.778	8.425	2.457
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.137	1.974	-1.813	-.2401	-.5512	75.18	-.5030
SDev	.345	4.928	.398	.7435	1.3755	.14	.2090
%RSD	16.14	249.6	21.95	309.6	249.6	.1881	41.55
#1	-1.893	5.458	-2.095	.2856	.4214	75.28	-.3552
#2	-2.381	-1.511	-1.532	-.7659	-1.524	75.08	-.6507
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349	□□Analysis Report

05/13/09 03:31:45 PM page 2

Units	ppb	ppb	ppb	ppb
Avge	.4006	-.5486	179.6	.1850
SDev	.2550	1.0489	.1	.0958
%RSD	63.66	191.2	.0802	51.82
#1	.5809	.1931	179.5	.2527
#2	.2203	-1.290	179.7	.1172
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1044	--	--	--	--	--	--
SDev	3.616844	--	--	--	--	--	--
%RSD	.3462753	--	--	--	--	--	--
#1	1042	--	--	--	--	--	--
#2	1047	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1487-B-1-B Operator:
Run Time: 05/13/09 15:31:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1177.	-.5243	-1.059	17.84	-.4768	-.1167	36050.
SDev	2.	3.7823	1.141	.08	.0139	.2003	72.
%RSD	.1995	721.4	107.7	.4658	2.915	171.7	.1995
#1	1175.	2.150	-.2523	17.78	-.4866	-.2583	35990.
#2	1178.	-3.199	-1.866	17.90	-.4670	.0250	36100.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.013	2.505	3.318	188.9	14230.	335.0	18.66
SDev	.197	.128	.152	4.3	40.	.8	.43

%RSD	19.44	5.124	4.585	2.262	.2784	.2470	2.295
#1	.8735	2.595	3.426	191.9	14200.	334.4	18.35
#2	1.152	2.414	3.211	185.9	14260.	335.6	18.96
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2597.	-.0723	52870.	-1.295	3.081	39.40	52.14

SDev	3.	.0312	116.	4.572	.184	.01	2.81
%RSD	.1091	43.20	.2185	353.2	5.972	.0318	5.390
#1	2595.	-.0944	52790.	-4.527	2.951	39.40	50.15
#2	2599.	-.0502	52950.	1.938	3.211	39.41	54.13
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	45.61	-.5486	-1.100	47.79	-.9153	77.49	.3354
SDev	1.57	.1069	.422	.11	.2457	.13	.0800
%RSD	3.446	19.49	38.35	.2353	26.84	.1634	23.85
#1	46.72	-.4730	-1.398	47.87	-1.089	77.58	.2788
#2	44.50	-.6243	-.8016	47.71	-.7416	77.40	.3919
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.6911	10.60	185.9	.6862
SDev	.3212	.59	.5	.0061
%RSD	46.48	5.523	.2572	.8951
#1	.9182	10.19	185.6	.6819
#2	.4640	11.02	186.2	.6905
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1039	--	--	--	--	--	--
SDev	1.493452	--	--	--	--	--	--
%RSD	.1437798	--	--	--	--	--	--
#1	1040	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1508-H-2-A Operator:
Run Time: 05/13/09 15:38:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	212.8	-3.523	-.1137	69.99	-.5547	-.2160	26970.
SDev	2.6	.686	.3275	.16	.0195	.0290	48.

%RSD	1.245	19.47	288.0	.2284	3.518	13.44	.1761

#1	210.9	-3.038	.1179	69.88	-.5409	-.2366	27010.
#2	214.7	-4.008	-.3453	70.10	-.5685	-.1955	26940.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1088	-.4667	3.147	185.8	10380.	6.067	2.918
SDev	.2286	1.0574	.072	4.0	6.	.027	.404
%RSD	210.1	226.6	2.276	2.130	.0566	.4427	13.84
#1	-.2705	-1.214	3.198	188.6	10380.	6.086	3.204
#2	.0528	.2810	3.097	183.0	10380.	6.048	2.633
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	3010.	-.1037	38410.	2.306	2.327	24.24	5.041
SDev	12.	.2012	152.	3.813	.619	.22	2.456
%RSD	.4152	194.0	.3945	165.3	26.60	.9092	48.72
#1	3002.	-.2460	38300.	-.3896	2.765	24.09	3.304
#2	3019.	.0385	38520.	5.002	1.889	24.40	6.777
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.386	1.260	-.7454	.0901	-.0767	29.64	-.3759
SDev	3.321	.829	1.4350	1.398	1.2334	.64	.1329
%RSD	139.2	65.84	192.5	1551.	1608.	2.166	35.36
#1	-.0372	.6733	-1.760	1.078	-.9488	29.18	-.2819
#2	-4.734	1.846	.2693	-.8981	.7954	30.09	-.4699
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00
Elem	Mo2020	Sn1899	Sr4215	Ti3349			
Units	ppb	ppb	ppb	ppb			
Avge	.2722	-.7810	188.6	3.979			
SDev	.3030	.3143	.3	.078			
%RSD	111.3	40.25	.1562	1.970			
#1	.0580	-1.003	188.3	3.923			
#2	.4865	-.5587	188.8	4.034			

Errors	LC Pass	LC Pass	LC Pass	LC Pass			
High	5000.	2000.	10000.	20000.			
Low	-20.00	-50.00	-50.00	-20.00			
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1031	--	--	--	--	--	--
SDev	.5833285	--	--	--	--	--	--
%RSD	.0565770	--	--	--	--	--	--
#1	1031	--	--	--	--	--	--
#2	1031	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1532-D-3-A Operator:
Run Time: 05/13/09 15:45:26
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	100.4	-3.833	-1.053	25.06	.5831	3.683	11690.
SDev	4.6	.126	1.948	.44	.0649	.033	278.
%RSD	4.548	3.282	185.0	1.739	11.14	.8920	2.380
#1	97.18	-3.744	.3242	24.75	.6290	3.660	11490.
#2	103.6	-3.922	-2.430	25.37	.5372	3.706	11890.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2063	28.28	-.5026	761.8	10130.	244.5	91.01
SDev	.0295	.51	.0528	18.3	249.	5.6	2.16
%RSD	14.30	1.803	10.51	2.399	2.462	2.290	2.376
#1	-.1854	27.92	-.5400	748.9	9950.	240.5	89.48
#2	-.2271	28.64	-.4653	774.7	10300.	248.5	92.54
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2379.	-.2274	52020.	.1543	2.021	206.0	4.771
SDev	50.	.0261	774.	3.675	.179	5.1	.206
%RSD	2.106	11.47	1.487	2381.	8.874	2.492	4.310
#1	2344.	-.2458	51480.	-2.444	1.894	202.4	4.625
#2	2415.	-.2090	52570.	2.753	2.148	209.6	4.916
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	

Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-3.702	4.049	-3.256	-.8768	-.8224	26.27	.3605
SDev	2.536	.196	.950	1.7601	.5682	.65	.0847
%RSD	68.50	4.839	29.17	200.7	69.10	2.471	23.49
#1	-5.495	4.188	-3.927	-2.121	-1.224	25.82	.3006
#2	-1.909	3.910	-2.584	.3677	-.4206	26.73	.4204
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.6805	-1.301	70.05	.5211
SDev	.1670	2.029	1.54	.0198
%RSD	24.54	156.0	2.192	3.789
#1	.7986	-2.736	68.96	.5350
#2	.5625	.1338	71.13	.5071
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1064	--	--	--	--	--	--
SDev	14.65408	--	--	--	--	--	--

%RSD	1.377623	--	--	--	--	--	--
#1	1074	--	--	--	--	--	--
#2	1053	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1532-E-3-A Operator:
Run Time: 05/13/09 15:52:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42530.	-3.592	27.96	161.1	22.74	-.2318	13820.
SDev	275.	.053	.22	.9	.22	.1667	143.
%RSD	.6461	1.467	.7863	.5498	.9578	71.91	1.037
#1	42340.	-3.630	28.12	160.5	22.89	-.3496	13920.
#2	42730.	-3.555	27.81	161.7	22.59	-.1139	13720.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	607.6	42.95	22.98	H266400.	13860.	351.0	156.4
SDev	3.3	.43	.09	1609.	41.	1.6	.7
%RSD	.5383	1.007	.3817	.6040	.2970	.4660	.4689
#1	609.9	43.26	22.92	H267500.	13890.	352.2	156.9
#2	605.3	42.65	23.04	H265200.	13830.	349.9	155.9
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	6755.	-1.481	48100.	-1.734	623.3	585.1	45.12
SDev	71.	.220	322.	2.173	3.0	9.4	1.30
%RSD	1.052	14.83	.6702	125.3	.4892	1.614	2.887
#1	6704.	-1.325	47870.	-.1974	625.4	591.7	46.04
#2	6805.	-1.636	48320.	-3.270	621.1	578.4	44.19
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	66.75	9.461	9.925	59.55	9.771	57.91	64.58
SDev	.50	5.167	1.253	.77	2.557	.97	.02
%RSD	.7506	54.61	12.63	1.289	26.17	1.681	.0353
#1	67.10	13.11	10.81	60.09	11.58	58.60	64.57
#2	66.40	5.808	9.039	59.00	7.963	57.22	64.60
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2.817	3.324	107.3	970.2
SDev	.098	.599	.4	.1
%RSD	3.489	18.03	.3369	.0053
#1	2.748	3.747	107.1	970.1
#2	2.887	2.900	107.6	970.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1133	--	--	--	--	--	--
SDev	5.483616	--	--	--	--	--	--
%RSD	.4839181	--	--	--	--	--	--
#1	1137	--	--	--	--	--	--
#2	1129	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1547-E-1-A Operator:
Run Time: 05/13/09 15:59:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	170.2	-1.748	-1.910	31.72	-.7390	-.3040	73440.
SDev	4.4	1.663	1.102	.01	.0109	.1770	47.
%RSD	2.575	95.11	57.73	.0404	1.469	58.22	.0644
#1	167.1	-2.924	-1.130	31.73	-.7313	-.4291	73470.
#2	173.3	-.5725	-2.689	31.71	-.7467	-.1789	73410.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.559	4.181	47.23	1072.	6537.	36.66	8.930
SDev	.085	.033	.00	2.	2.	.05	.306
%RSD	1.522	.7943	.0079	.1689	.0237	.1298	3.423
#1	5.499	4.204	47.23	1071.	6536.	36.62	8.714
#2	5.619	4.157	47.23	1073.	6539.	36.69	9.146
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	9477.	-.2570	37410.	-.8365	2.568	161.6	6.564
SDev	29.	.1400	63.	.7942	.381	.3	.398
%RSD	.3101	54.49	.1683	94.94	14.83	.1834	6.060
#1	9456.	-.1580	37460.	-1.398	2.298	161.8	6.845
#2	9497.	-.3560	37370.	-.2749	2.837	161.4	6.283
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	.5888	.1575	.2094	2.581	.1931	28.76	-.2071
SDev	1.168	2.270	1.124	.911	.0061	.57	.0538
%RSD	198.3	1441.	536.8	35.30	3.164	1.996	26.00

#1	1.415	1.763	-.5855	3.226	.1975	28.35	-.1690
#2	-.2369	-1.448	1.004	1.937	.1888	29.16	-.2451
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349

Units	ppb	ppb	ppb	ppb
Avge	87.90	.1472	240.3	3.040
SDev	.54	.5254	.3	.276
%RSD	.6131	357.0	.1153	9.073
#1	87.52	-.2243	240.1	2.845
#2	88.28	.5187	240.5	3.235
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1021	--	--	--	--	--	--
SDev	3.243481	--	--	--	--	--	--
%RSD	.3175219	--	--	--	--	--	--
#1	1024	--	--	--	--	--	--
#2	1019	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1554-A-1-A Operator:
Run Time: 05/13/09 16:05:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	403.4	-1.275	3.726	38.58	-.8123	3.161	20150.
SDev	.9	.341	.242	.09	.0232	.118	36.
%RSD	.2111	26.76	6.496	.2239	2.853	3.741	.1790
#1	402.8	-1.516	3.555	38.52	-.7960	3.077	20180.
#2	404.0	-1.034	3.897	38.64	-.8287	3.244	20130.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.652	.1319	90.49	3735.	4710.	74.08	6.625
SDev	.344	.3533	.03	12.	3.	.07	.154
%RSD	5.170	268.0	.0325	.3329	.0617	.0961	2.319
#1	6.409	-.1180	90.47	3744.	4712.	74.03	6.516
#2	6.895	.3817	90.51	3726.	4708.	74.13	6.734

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	17620.	.2345	82790.	1.251	2.069	362.4	8.042
SDev	6.	.6601	12.	1.199	.459	1.0	3.344
%RSD	.0320	281.5	.0142	95.87	22.21	.2712	41.57
#1	17620.	-.2323	82790.	2.099	1.744	363.1	5.678
#2	17610.	.7012	82800.	.4028	2.393	361.7	10.41
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	3.594	3.280	1.538	5.078	2.119	234.5	.1151
SDev	3.250	3.826	.393	1.054	1.012	.1	.2414
%RSD	90.43	116.6	25.58	20.77	47.75	.0362	209.8

#1	5.893	.5747	1.816	5.824	1.403	234.6	-.0556
#2	1.296	5.986	1.260	4.333	2.834	234.4	.2858
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	40.80	4.047	110.5	6.859
SDev	.43	1.970	.0	.209
%RSD	1.057	48.66	.0366	3.041
#1	40.49	2.655	110.5	7.007
#2	41.10	5.440	110.6	6.712

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1025	--	--	--	--	--	--
SDev	2.263441	--	--	--	--	--	--
%RSD	.2207461	--	--	--	--	--	--
#1	1027	--	--	--	--	--	--
#2	1024	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1569-E-1-A Operator:
Run Time: 05/13/09 16:12:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.78	-3.319	-1.038	45.64	-.7855	-.4282	41090.
SDev	3.24	1.583	1.072	.27	.0537	.1815	299.
%RSD	6.378	47.69	103.3	.5916	6.833	42.40	.7283
#1	48.49	-2.200	-1.796	45.45	-.7475	-.2998	40880.
#2	53.07	-4.438	-.2797	45.83	-.8234	-.5565	41300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5744	.0732	-.4081	-11.58	12380.	-.0692	.5442
SDev	.1665	.1804	.0455	10.13	81.	.0239	.3445
%RSD	28.99	246.5	11.14	87.49	.6559	34.50	63.31
#1	-.4566	.2007	-.3759	-4.414	12330.	-.0860	.7878
#2	-.6922	-.0544	-.4402	-18.74	12440.	-.0523	.3005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2184.	-.1305	15010.	.5818	2.243	.4190	4.046
SDev	14.	.2804	47.	.5284	.201	.1475	2.248
%RSD	.6244	214.9	.3131	90.82	8.976	35.19	55.56
#1	2174.	.0678	14980.	.2082	2.101	.5233	5.635
#2	2193.	-.3288	15050.	.9555	2.386	.3148	2.456
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.910	.2250	-1.861	-.5905	-1.165	135.1	-.3606
SDev	1.873	.0096	3.121	.5005	2.085	1.2	.2170
%RSD	64.36	4.285	167.7	84.76	178.9	.8732	60.17
#1	-4.234	.2182	-4.068	-.9445	-2.640	134.3	-.2071
#2	-1.586	.2318	.3463	-.2366	.3092	136.0	-.5140
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.3833	-1.404	136.6	.1486
SDev	.1265	.116	.8	.0368
%RSD	32.99	8.237	.6143	24.75
#1	.4728	-1.322	136.0	.1746
#2	.2939	-1.485	137.2	.1226
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1015	--	--	--	--	--	--
SDev	3.383487	--	--	--	--	--	--
%RSD	.3334686	--	--	--	--	--	--
#1	1017	--	--	--	--	--	--
#2	1012	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1569-E-2-A Operator:
Run Time: 05/13/09 16:19:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.54	-2.801	-2.470	44.86	-.5635	-.4109	41430.
SDev	5.50	1.288	.082	.26	.0136	.0321	239.
%RSD	10.67	45.99	3.317	.5689	2.415	7.800	.5760
#1	55.42	-1.890	-2.412	44.68	-.5731	-.3882	41270.
#2	47.65	-3.712	-2.528	45.04	-.5538	-.4336	41600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7739	-.2826	-.9913	-12.27	12280.	-.0976	.5379
SDev	.3228	.0875	.2297	4.49	74.	.0449	.1201
%RSD	41.71	30.98	23.17	36.57	.6053	45.97	22.33
#1	-1.002	-.2207	-1.154	-15.44	12230.	-.1294	.4530
#2	-.5456	-.3445	-.8289	-9.093	12340.	-.0659	.6229
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2135.	-.1901	14510.	1.605	2.849	6.007	4.390

SDev	2.	.3245	31.	3.291	.953	.720	3.672
%RSD	.0923	170.7	.2110	205.1	33.44	11.98	83.63
#1	2136.	.0394	14490.	3.932	3.522	5.498	6.987
#2	2133.	-.4196	14530.	-.7222	2.175	6.516	1.794
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.777	-2.079	-1.371	-.3865	-1.606	134.7	-.8758
SDev	.942	1.170	1.716	1.8512	.755	2.0	.2626
%RSD	33.93	56.26	125.2	478.9	47.02	1.515	29.99
#1	-2.111	-1.252	-2.585	.9225	-2.140	133.3	-1.061
#2	-3.443	-2.907	-.1577	-1.695	-1.072	136.2	-.6901
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.0745	-.3891	133.4	.1120
SDev	.0390	.8197	.3	.1182
%RSD	52.28	210.7	.2159	105.5
#1	.0470	.1906	133.2	.0284
#2	.1021	-.9687	133.6	.1956
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1043	--	--	--	--	--	--
SDev	.6767233	--	--	--	--	--	--
%RSD	.0648856	--	--	--	--	--	--
#1	1043	--	--	--	--	--	--
#2	1042	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1569-E-3-A Operator:
Run Time: 05/13/09 16:26:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.72	-2.149	-.3781	48.75	-.5203	-.3803	42550.
SDev	.61	1.947	.2243	.05	.0195	.0439	7.

%RSD	1.356	90.58	59.33	.0930	3.741	11.54	.0167
#1	44.29	-.7727	-.2195	48.78	-.5341	-.4114	42550.
#2	45.15	-3.526	-.5367	48.72	-.5066	-.3493	42560.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5001	-.5297	-.7942	-3.326	12640.	.1414	.4479
SDev	.6474	.4376	.0968	12.802	26.	.1162	.4086
%RSD	129.5	82.62	12.19	384.9	.2049	82.19	91.24

#1	-.0423	-.8391	-.7257	5.726	12630.	.2236	.7368
#2	-.9579	-.2202	-.8626	-12.38	12660.	.0592	.1589

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2192.	-.0870	14900.	-1.226	2.809	.7928	4.799
SDev	4.	.0107	71.	1.330	.687	.1898	2.192
%RSD	.1778	12.28	.4773	108.5	24.45	23.94	45.69

#1	2189.	-.0945	14850.	-2.167	2.324	.9270	3.248
#2	2195.	-.0794	14950.	-.2854	3.295	.6585	6.349

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-1.268	-2.343	-1.390	.7563	-1.707	130.3	-.5045
SDev	.926	2.894	3.911	.1123	1.645	.7	.5273
%RSD	73.05	123.5	281.3	14.85	96.39	.5231	104.5

#1	-.6128	-4.390	1.375	.6768	-.5434	129.8	-.1317
#2	-1.923	-.2963	-4.156	.8357	-2.870	130.8	-.8774

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.0991	-.3046	138.1	.1378
SDev	.6382	1.1077	.2	.1182
%RSD	643.7	363.7	.1355	85.74

#1	.5504	.4786	137.9	.2214
#2	-.3521	-1.088	138.2	.0543

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1040	--	--	--	--	--	--
SDev	.9567348	--	--	--	--	--	--
%RSD	.0919927	--	--	--	--	--	--

#1	1039	--	--	--	--	--	--
#2	1041	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 051637 Operator:
Run Time: 05/13/09 16:33:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125100.	973.0	4993.	9877.	966.1	2446.	121200.
SDev	20.	4.1	15.	12.	5.0	10.	609.
%RSD	.0161	.4214	.2975	.1230	.5196	.4164	.5022

#1	125100.	970.1	5003.	9886.	969.6	2453.	121700.
#2	125100.	975.9	4982.	9869.	962.5	2439.	120800.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1105.	5525.	11050.	1105.	2762.	138100.

Low	112000.	895.0	4475.	8950.	895.0	2238.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4854.	2466.	12280.	96730.	121600.	4824.	2459.
SDev	19.	6.	10.	379.	488.	18.	3.
%RSD	.4015	.2521	.0840	.3918	.4016	.3723	.1415
#1	4867.	2470.	12290.	97000.	121900.	4837.	2461.
#2	4840.	2461.	12270.	96460.	121200.	4811.	2456.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5525.	2762.	13810.	110500.	138100.	5525.	2762.
Low	4480.	2238.	11200.	89500.	112000.	4480.	2238.

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	50890.	1222.	122900.	5025.	2411.	6981.	9829.
SDev	101.	3.	78.	11.	9.	47.	8.
%RSD	.1986	.2114	.0632	.2225	.3689	.6787	.0856
#1	50820.	1224.	122900.	5033.	2417.	7014.	9835.
#2	50960.	1220.	123000.	5017.	2405.	6947.	9823.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	55250.	1381.	138100.	5524.	2762.	8285.	

Low	44750.	1120.	112000.	4475.	2238.	6714.	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	9815.	5004.	5025.	9820.	5018.	994.2	474.8
SDev	15.	9.	8.	13.	2.	2.7	1.3
%RSD	.1560	.1796	.1628	.1325	.0491	.2727	.2796
#1	9826.	5011.	5019.	9829.	5016.	996.1	475.7
#2	9804.	4998.	5030.	9811.	5020.	992.2	473.9
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				11050.	5525.	1104.	552.5
Low				8951.	4475.	896.0	447.5

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2422.	974.0	4961.	9868.
SDev	7.	3.8	5.	14.
%RSD	.3055	.3870	.1051	.1452
#1	2427.	976.7	4965.	9878.
#2	2416.	971.4	4957.	9858.
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	2760.	1104.	5520.	11040.
Low	2239.	896.0	4478.	8960.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	996	--	--	--	--	--	--
SDev	.0466542	--	--	--	--	--	--
%RSD	.0046837	--	--	--	--	--	--
#1	996	--	--	--	--	--	--
#2	996	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 16:39:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.38	-1.219	-.2527	-.3286	-.5212	-.1304	-7.084

SDev	4.25	.961	.1867	.0279	.0722	.0662	.218
%RSD	8.610	78.82	73.88	8.500	13.86	50.76	3.083
#1	46.37	-1.899	-.3846	-.3483	-.5722	-.0836	-7.239
#2	52.39	-.5398	-.1207	-.3088	-.4701	-.1772	-6.930
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	100.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-100.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4543	-.1546	-.8477	-8.863	6.426	-.1533	-.4334
SDev	.3863	.3899	.0382	7.529	4.110	.0231	.1361
%RSD	85.03	252.2	4.510	84.95	63.96	15.08	31.40
#1	-.7274	.1211	-.8747	-14.19	3.520	-.1369	-.3372
#2	-.1811	-.4302	-.8207	-3.539	9.333	-.1696	-.5296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-66.80	.3346	83.16	.8688	3.131	-1.358	6.961
SDev	6.17	.1253	44.17	.2171	.006	.465	2.212
%RSD	9.229	37.45	53.12	24.99	.1915	34.24	31.78
#1	-71.16	.4232	51.93	.7153	3.135	-1.687	8.524
#2	-62.44	.2460	114.4	1.022	3.127	-1.029	5.397
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	3000.	10.00	3000.	10.00	20.00	30.00	
Low	-3000.	-10.00	-3000.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.978	-.7446	-2.668	.3354	-2.027	1.633	-.1691
SDev	1.571	.4372	.018	.3115	.133	.353	.3147
%RSD	52.76	58.72	.6793	92.86	6.587	21.61	186.1
#1	-4.089	-1.054	-2.656	.1152	-2.121	1.383	-.3916
#2	-1.867	-.4354	-2.681	.5556	-1.932	1.882	.0534
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.000	5.000	50.00	10.00
Low				-5.000	-5.000	-50.00	-5.000

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.0228	-1.828	-.1992	.2561
SDev	.0011	1.269	.0066	.0203
%RSD	5.049	69.41	3.294	7.932
#1	.0220	-.9308	-.2038	.2418
#2	.0236	-2.725	-.1946	.2705
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	50.00	50.00	20.00
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1046	--	--	--	--	--	--
SDev	.8401209	--	--	--	--	--	--
%RSD	.0802921	--	--	--	--	--	--

#1	1046	--	--	--	--	--	--
#2	1047	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1569-E-4-A Operator:
Run Time: 05/13/09 16:46:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.39	.0317	-.0857	48.54	-.4120	-.3739	43860.
SDev	5.65	.1916	1.5234	.10	.0346	.0326	202.
%RSD	12.45	605.0	1778.	.2129	8.409	8.717	.4616
#1	49.38	-.1038	-1.163	48.47	-.3875	-.3970	43720.
#2	41.39	.1672	.9915	48.62	-.4365	-.3509	44000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1365	.0008	-.2544	-4.235	12660.	-.1401	.4792
SDev	.0641	.3026	.0928	5.234	60.	.0444	1.152
%RSD	46.96	36900.	36.49	123.6	.4740	31.71	240.3
#1	-.1818	.2148	-.3200	-7.936	12620.	-.1715	-.3350
#2	-.0911	-.2132	-.1887	-.5337	12700.	-.1087	1.294
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2166.	.0693	14600.	2.602	3.900	1.659	6.228
SDev	6.	.0416	30.	1.159	.082	.299	1.597
%RSD	.2637	60.01	.2087	44.53	2.093	18.00	25.65
#1	2170.	.0399	14580.	1.783	3.842	1.870	7.357
#2	2162.	.0987	14620.	3.421	3.958	1.448	5.098
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-1.853	6.446	-1.545	.8418	1.117	122.6	-.4461
SDev	1.623	1.056	.893	1.615	.244	.2	.2874
%RSD	87.60	16.38	57.81	191.8	21.85	.1741	64.42

#1	-.7052	5.699	-.9132	1.983	1.290	122.4	-.6493
#2	-3.000	7.192	-2.176	-.2998	.9445	122.7	-.2429
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.6999	-.9935	138.1	.2346
SDev	.5538	1.4888	.2	.0330
%RSD	79.14	149.9	.1730	14.04
#1	1.091	-2.046	138.0	.2113
#2	.3082	.0592	138.3	.2579
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1050	--	--	--	--	--	--
SDev	.1867031	--	--	--	--	--	--
%RSD	.0177752	--	--	--	--	--	--
#1	1050	--	--	--	--	--	--
#2	1050	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-6220/1-A Operator:
Run Time: 05/13/09 16:53:31
Comment: 7976
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.91	.1599	-1.448	-.3465	-.5146	-.1151	8.593
SDev	3.25	.1931	1.231	.0021	.0741	.0361	1.044
%RSD	5.806	120.7	85.05	.6110	14.39	31.36	12.15
#1	53.62	.2965	-2.318	-.3480	-.4623	-.0896	7.855
#2	58.21	.0234	-.5770	-.3450	-.5670	-.1406	9.331
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	3.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-3.000	-4.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6847	-1.062	-1.147	-6.430	9.664	-.1841	-.6135
SDev	.0616	.368	.172	1.035	.056	.0212	.3066
%RSD	8.999	34.61	15.02	16.09	.5762	11.51	49.98
#1	-.7282	-.8019	-1.268	-5.698	9.703	-.1691	-.3966
#2	-.6411	-1.322	-1.025	-7.162	9.625	-.1991	-.8303

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	15.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-15.00	-25.00	-150.0	-500.0	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-89.48	-.2352	154.1	-1.477	2.958	1.222	5.140
SDev	12.41	.2806	27.9	.622	.608	.186	3.515
%RSD	13.87	119.3	18.12	42.15	20.54	15.27	68.40
#1	-98.25	-.4336	173.8	-1.917	2.528	1.090	2.654
#2	-80.70	-.0367	134.3	-1.037	3.388	1.353	7.625
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	3000.	10.00	3000.	10.00	20.00	30.00	
Low	-3000.	-10.00	-3000.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-3.373	-5.199	1.531	-.5345	-.7094	.9310	-.1118
SDev	.171	.700	1.300	1.0569	.6343	.0672	.1860
%RSD	5.057	13.47	84.96	197.7	89.42	7.217	166.3
#1	-3.253	-4.704	.6111	-1.282	-1.158	.8835	-.2433
#2	-3.494	-5.694	2.450	.2128	-.2609	.9785	.0197
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.000	5.000	50.00	10.00
Low				-5.000	-5.000	-50.00	-5.000

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.028	-.8142	-.2166	.0465
SDev	.247	1.9850	.0158	.0369
%RSD	24.03	243.8	7.297	79.45

#1	-.8532	.5894	-.2277	.0726
#2	-1.203	-2.218	-.2054	.0204

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	20.00	50.00	20.00
Low	-20.00	-20.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1036	--	--	--	--	--	--
SDev	11.01384	--	--	--	--	--	--
%RSD	1.062941	--	--	--	--	--	--
#1	1044	--	--	--	--	--	--
#2	1028	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-6220/2-A Operator:
Run Time: 05/13/09 17:00:19
Comment: 15060
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2112.	497.2	2071.	2064.	51.32	54.00	21330.
SDev	.	.8	2.	2.	.11	.11	13.
%RSD	.0118	.1691	.0974	.0972	.2170	.2064	.0612
#1	2113.	496.6	2072.	2065.	51.24	54.08	21320.
#2	2112.	497.8	2069.	2062.	51.40	53.92	21340.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2302.	575.5	2302.	2302.	57.55	57.55	23020.
Low	1698.	424.5	1698.	1698.	42.45	42.45	16980.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	213.4	523.6	249.0	1069.	19870.	525.2	533.9
SDev	.1	.1	.0	13.	12.	.0	1.8
%RSD	.0299	.0115	.0033	1.223	.0608	.0055	.3432
#1	213.4	523.6	249.0	1060.	19860.	525.2	535.2
#2	213.3	523.5	249.0	1078.	19880.	525.2	532.6

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	230.2	575.5	287.5	1151.	23020.	575.5	575.5
Low	169.8	424.5	212.3	849.0	16980.	424.5	424.5

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	21660.	48.73	19820.	2124.	510.9	528.0	523.6
SDev	44.	.34	15.	1.	1.6	1.0	1.7
%RSD	.2033	.6889	.0754	.0574	.3152	.1909	.3223
#1	21690.	48.49	19810.	2125.	509.8	527.3	522.4
#2	21630.	48.97	19830.	2124.	512.1	528.7	524.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	23020.	57.55	23020.	2302.	575.5	575.5	
Low	16980.	42.45	16980.	1698.	424.5	424.5	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	516.9	2039.	2046.	519.1	2043.	501.2	-.3934
SDev	1.4	5.	3.	1.5	.	1.8	.0530
%RSD	.2649	.2361	.1315	.2842	.0094	.3535	13.47
#1	516.0	2035.	2048.	518.1	2043.	502.4	-.4308
#2	517.9	2042.	2044.	520.2	2043.	499.9	-.3559

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High				575.5	2302.		
Low				424.5	1698.		

Units	ppb	ppb	ppb	ppb
Avge	510.8	520.5	507.9	521.3
SDev	.3	1.6	.7	.9
%RSD	.0493	.3128	.1449	.1708
#1	510.6	521.7	508.5	521.9
#2	511.0	519.4	507.4	520.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	575.5	575.5	575.5	575.5
Low	424.5	424.5	424.5	424.5

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1038	--	--	--	--	--	--
SDev	.4666283	--	--	--	--	--	--
%RSD	.0449696	--	--	--	--	--	--
#1	1037	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-5-C DU Operator:
Run Time: 05/13/09 17:07:08
Comment: 8329
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.48	3.249	-1.731	5.376	-.5440	-.1200	454.7
SDev	1.22	1.109	.274	.036	.0083	.1609	.8
%RSD	2.282	34.14	15.84	.6693	1.532	134.1	.1843
#1	52.61	2.464	-1.538	5.401	-.5382	-.0062	455.2
#2	54.34	4.033	-1.925	5.351	-.5499	-.2338	454.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1792	-1.093	-.5650	3.652	225.4	.3043	-.2897
SDev	.0647	.401	.1861	1.549	2.0	.0671	.6651
%RSD	36.10	36.70	32.93	42.42	.8694	22.06	229.6
#1	-.1334	-.8096	-.6966	4.747	226.8	.3518	.1806
#2	-.2249	-1.377	-.4334	2.556	224.0	.2569	-.7600
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	141.3	-.1924	860.5	-1.837	2.298	3.496	4.660

SDev	.9	.3053	22.3	1.797	.240	.189	3.800
%RSD	.6596	158.7	2.595	97.87	10.45	5.403	81.56
#1	141.9	-.4083	876.3	-3.107	2.468	3.630	7.347
#2	140.6	.0235	844.7	-.5655	2.128	3.363	1.972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988

Units				ppb	ppb	ppb	ppb
Avge	-.8666	-7.831	3.038	.9775	-.5808	2.180	.0188
SDev	.1780	1.236	2.579	1.147	1.3087	.023	.0525
%RSD	20.54	15.79	84.91	117.3	225.3	1.051	279.8
#1	-.9925	-6.957	1.214	1.788	-1.506	2.196	.0559
#2	-.7407	-8.706	4.861	.1666	.3445	2.163	-.0183
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.7363	-2.336	1.895	.0956
SDev	.2492	.003	.022	.0300
%RSD	33.85	.1109	1.159	31.41
#1	-.5600	-2.335	1.879	.0744
#2	-.9125	-2.338	1.910	.1168
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1033	--	--	--	--	--	--
SDev	3.663455	--	--	--	--	--	--
%RSD	.3547050	--	--	--	--	--	--
#1	1035	--	--	--	--	--	--
#2	1030	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-5-B Operator:
Run Time: 05/13/09 17:13:56
Comment: 14543
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.25	3.388	-.7353	5.490	-.4710	-.1934	459.2
SDev	.42	2.060	1.0466	.064	.0405	.2241	.8
%RSD	.8008	60.81	142.3	1.160	8.598	115.9	.1690
#1	51.96	1.931	.0047	5.535	-.4424	-.0349	459.8
#2	52.55	4.844	-1.475	5.445	-.4996	-.3519	458.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1913	-.9090	-.4244	8.958	228.7	.3550	-.3590
SDev	.0672	.2151	.0514	6.135	1.2	.0903	.7302
%RSD	35.13	23.66	12.11	68.49	.5393	25.43	203.4
#1	.1438	-1.061	-.4607	13.30	229.6	.4189	.1573
#2	.2388	-.7569	-.3881	4.620	227.8	.2912	-.8754
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	142.7	-.0510	900.6	1.821	2.250	3.316	3.228
SDev	.3	.2112	3.4	3.613	.152	.368	2.400
%RSD	.2171	414.1	.3793	198.4	6.744	11.11	74.37

#1	142.4	-.2003	898.2	4.376	2.357	3.577	4.925
#2	142.9	.0983	903.0	-.7341	2.142	3.055	1.530
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-.7512	-5.725	3.285	.5772	.2855	2.291	-.2447
SDev	2.2787	2.019	2.263	.7199	2.182	.427	.2133
%RSD	303.3	35.27	68.90	124.7	764.3	18.63	87.16
#1	-2.362	-4.297	4.885	.0682	1.828	1.989	-.0939
#2	.8601	-7.153	1.684	1.086	-1.257	2.593	-.3955
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00
Elem	Mo2020	Sn1899	Sr4215	Ti3349			
Units	ppb	ppb	ppb	ppb			
Avge	-1.097	-2.339	1.905	.1311			
SDev	.150	.461	.029	.0767			
%RSD	13.71	19.70	1.528	58.53			
#1	-.9911	-2.013	1.884	.1853			
#2	-1.204	-2.665	1.925	.0768			

Errors	LC Pass	LC Pass	LC Pass	LC Pass			
High	5000.	2000.	10000.	20000.			
Low	-20.00	-50.00	-50.00	-20.00			
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1031	--	--	--	--	--	--
SDev	3.756850	--	--	--	--	--	--
%RSD	.3645631	--	--	--	--	--	--
#1	1033	--	--	--	--	--	--
#2	1028	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-1570-C-5-B Operator:
Run Time: 05/13/09 17:20:44
Comment: 14568
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.92	-.6822	-.0569	.6935	-.5216	-.2755	88.13
SDev	8.58	1.9527	.2615	.0585	.0317	.1225	2.09
%RSD	17.20	286.3	460.0	8.434	6.085	44.46	2.371
#1	43.85	.6986	.1281	.7348	-.5440	-.1889	89.61
#2	55.99	-2.063	-.2418	.6521	-.4991	-.3621	86.65
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1184	-.5598	-1.088	1.621	50.01	-.1039	-.5624
SDev	.7456	.0892	.353	7.500	8.15	.0923	.5206
%RSD	629.5	15.93	32.48	462.8	16.29	88.91	92.58
#1	.6456	-.6228	-.8384	6.924	55.77	-.0386	-.1942
#2	-.4088	-.4967	-1.338	-3.683	44.25	-.1691	-.9305
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.

Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-40.76	-.0646	261.2	2.274	2.934	-.1652	4.561
SDev	10.62	.1886	52.8	.535	.162	.6698	.822
%RSD	26.06	292.0	20.21	23.54	5.519	405.5	18.01
#1	-33.25	.0688	298.6	1.895	2.819	.3084	3.980
#2	-48.27	-.1980	223.9	2.652	3.048	-.6388	5.142
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	

Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-3.447	-.2858	-1.299	-.7769	-.9608	.8449	-.0379
SDev	1.384	.7046	1.289	.6491	.6254	.9507	.6599
%RSD	40.16	246.5	99.24	83.55	65.09	112.5	1741.
#1	-2.468	.2124	-2.211	-.3179	-1.403	1.517	.4287
#2	-4.426	-.7841	-.3875	-1.236	-.5186	.1726	-.5045
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.0850	-1.007	.1647	.1439
SDev	.1376	.682	.0416	.2501
%RSD	161.8	67.74	25.23	173.9
#1	.0123	-.5245	.1941	.3207
#2	-.1824	-1.489	.1353	-.0330

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1040	--	--	--	--	--	--
SDev	1.540063	--	--	--	--	--	--
%RSD	.1481119	--	--	--	--	--	--
#1	1039	--	--	--	--	--	--
#2	1041	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1570-C-5-D MS Operator:
Run Time: 05/13/09 17:27:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2077.	495.3	2098.	2027.	51.44	53.18	21640.
SDev	3.	.5	2.	2.	.15	.44	12.
%RSD	.1482	.1075	.0819	.1018	.2937	.8322	.0542
#1	2075.	494.9	2099.	2025.	51.55	53.49	21650.
#2	2080.	495.7	2097.	2028.	51.33	52.87	21630.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.3	518.6	243.5	1056.	20270.	517.6	527.7
SDev	.2	.2	.1	1.	13.	.3	.0
%RSD	.1097	.0319	.0464	.0583	.0621	.0639	.0041
#1	206.4	518.7	243.5	1056.	20260.	517.8	527.7
#2	206.1	518.5	243.6	1057.	20280.	517.4	527.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	21470.	48.48	20450.	2126.	502.1	519.4	523.7
SDev	34.	.27	88.	8.	.1	.2	.2
%RSD	.1598	.5607	.4283	.3797	.0275	.0310	.0385
#1	21450.	48.67	20390.	2120.	502.2	519.6	523.8
#2	21500.	48.29	20510.	2132.	502.0	519.3	523.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	513.4	2150.	2153.	516.8	2152.	511.3	-.4274
SDev	.0	2.	.	.1	.	1.5	.4692
%RSD	.0025	.1026	.0178	.0146	.0222	.3029	109.8
#1	513.4	2152.	2153.	516.9	2153.	510.2	-.0956
#2	513.4	2148.	2154.	516.7	2152.	512.4	-.7591
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	504.8	516.9	498.6	509.3
SDev	.2	2.7	.5	.2
%RSD	.0417	.5208	.0992	.0345
#1	505.0	515.0	498.3	509.1
#2	504.7	518.8	499.0	509.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

□□Analysis Report 05/13/09 05:34:18 PM page 28

Avge	1055	--	--	--	--	--	--
SDev	4.223565	--	--	--	--	--	--
%RSD	.4003404	--	--	--	--	--	--
#1	1058	--	--	--	--	--	--
#2	1052	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1437-D-1-B Operator:
Run Time: 05/13/09 17:34:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	58.02	2.771	-.8732	89.27	-.8492	-.4651	50120.
SDev	3.43	1.493	.9686	1.01	.1050	.0656	450.
%RSD	5.907	53.87	110.9	1.132	12.36	14.11	.8981

#1	55.59	3.827	-.1883	88.55	-.7750	-.4187	49800.
#2	60.44	1.716	-1.558	89.98	-.9235	-.5115	50430.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2695	10.55	-.6797	1599.	36930.	1421.	13.86
SDev	.2253	.20	.0387	17.	365.	16.	.53
%RSD	83.59	1.917	5.697	1.061	.9894	1.098	3.814
#1	.4288	10.40	-.6523	1587.	36670.	1410.	14.23
#2	.1102	10.69	-.7070	1611.	37190.	1432.	13.48
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2438.	-.1738	66950.	-.7977	2.963	7.091	1.646
SDev	41.	.3627	854.	1.3235	.626	.408	1.900
%RSD	1.691	208.7	1.275	165.9	21.14	5.753	115.4
#1	2409.	-.4303	66350.	.1381	2.521	7.380	.3027
#2	2467.	.0827	67560.	-1.734	3.406	6.803	2.989
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.486	-6.416	3.755	-1.106	.3690	44.08	-.2079
SDev	.686	2.521	2.488	1.089	.8199	.25	.1087
%RSD	27.58	39.28	66.25	98.44	222.2	.5675	52.28

#1	-2.971	-4.634	1.996	-1.877	-.2108	43.91	-.1310
#2	-2.001	-8.199	5.514	-.3363	.9487	44.26	-.2847
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00
Elem	Mo2020	Sn1899	Sr4215	Ti3349			
Units	ppb	ppb	ppb	ppb			
Avge	-.9644	-1.298	196.0	-.0243			
SDev	.1162	.498	2.5	.0118			
%RSD	12.05	38.40	1.289	48.56			
#1	-1.047	-1.650	194.2	-.0160			
#2	-.8822	-.9453	197.8	-.0327			
Errors	LC Pass	LC Pass	LC Pass	LC Pass			
High	5000.	2000.	10000.	20000.			
Low	-20.00	-50.00	-50.00	-20.00			

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1014	--	--	--	--	--	--
SDev	11.41060	--	--	--	--	--	--
%RSD	1.125407	--	--	--	--	--	--
#1	1022	--	--	--	--	--	--
#2	1006	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1437-D-11-B Operator:
Run Time: 05/13/09 17:41:09
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	92.14	1.981	2.308	22.81	-1.064	-1.222	H267900.
SDev	7.04	.417	1.425	.07	.074	.183	863.
%RSD	7.641	21.04	61.71	.2935	6.952	15.01	.3221
#1	97.11	2.275	3.316	22.77	-1.012	-1.092	H267300.
#2	87.16	1.686	1.301	22.86	-1.116	-1.351	H268500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.511	4.933	-2.261	78880.	H1896000.	8077.	29.30
SDev	.556	.229	.208	243.	12102.	39.	.09
%RSD	22.15	4.649	9.186	.3081	.6383	.4772	.3011
#1	2.904	5.095	-2.408	78710.	H1887000.	8050.	29.24
#2	2.117	4.771	-2.114	79060.	H1904000.	8105.	29.36

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	9904.	-.1115	87640.	-4.142	7.602	52.07	2.512
SDev	22.	.0912	637.	3.594	.256	.48	2.947
%RSD	.2247	81.76	.7264	86.79	3.368	.9177	117.3
#1	9889.	-.0470	87190.	-1.600	7.783	51.73	4.597
#2	9920.	-.1760	88090.	-6.683	7.421	52.41	.4282

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	3.030	-8.361	.7391	2.859	-2.291	197.2	1.426
SDev	.018	.067	2.132	.993	1.445	1.3	.259
%RSD	.5875	.7970	288.4	34.74	63.08	.6599	18.19
#1	3.042	-8.313	2.246	3.562	-1.269	196.3	1.242
#2	3.017	-8.408	-.7682	2.157	-3.312	198.2	1.609

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-4.416	5.880	222.5	1.340
SDev	.250	.326	.5	.038
%RSD	5.670	5.545	.2382	2.862
#1	-4.593	6.111	222.1	1.312
#2	-4.239	5.650	222.8	1.367

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	961	--	--	--	--	--	--

SDev	1.493409	--	--	--	--	--	--
%RSD	.1553814	--	--	--	--	--	--
#1	962	--	--	--	--	--	--
#2	960	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1437-D-12-B Operator:
Run Time: 05/13/09 17:47:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.19	2.741	3.284	21.51	-.6496	-.8889	63790.
SDev	4.45	1.282	1.589	.17	.0373	.2557	660.
%RSD	6.827	46.75	48.38	.7764	5.743	28.77	1.035
#1	62.05	1.835	2.160	21.63	-.6760	-.7081	64260.
#2	68.34	3.648	4.407	21.39	-.6233	-1.070	63330.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3634	-.7025	-1.321	18500.	41630.	1377.	1.010
SDev	.0666	.0866	.007	154.	329.	12.	.793
%RSD	18.33	12.33	.5092	.8310	.7903	.8631	78.49
#1	-.3163	-.6413	-1.316	18610.	41860.	1386.	1.571
#2	-.4105	-.7638	-1.326	18390.	41400.	1369.	.4496
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2827.	-.1606	46890.	-2.174	3.625	4.972	2.521
SDev	5.	.1932	182.	1.160	.742	.396	.799
%RSD	.1812	120.3	.3875	53.37	20.46	7.972	31.71
#1	2830.	-.0240	47020.	-2.995	4.149	5.252	1.956
#2	2823.	-.2972	46760.	-1.354	3.100	4.692	3.086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.355	-5.113	4.123	-.7278	1.048	7.946	-.2449
SDev	.459	.612	.987	.5717	.454	.622	.5956
%RSD	19.49	11.97	23.93	78.55	43.32	7.826	243.2
#1	-2.679	-4.681	3.426	-1.132	.7273	7.506	.1762
#2	-2.030	-5.546	4.821	-.3235	1.370	8.386	-.6660
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349

Units	ppb	ppb	ppb	ppb
Avge	-.9524	-.5365	151.3	-.1403
SDev	.1696	1.5168	.6	.0092
%RSD	17.81	282.7	.3905	6.588
#1	-1.072	.5361	151.7	-.1468
#2	-.8325	-1.609	150.9	-.1338

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1013	--	--	--	--	--	--
SDev	2.333487	--	--	--	--	--	--
%RSD	.2303013	--	--	--	--	--	--
#1	1012	--	--	--	--	--	--
#2	1015	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 051637 Operator:
Run Time: 05/13/09 17:54:46
Comment: 15060
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124600.	965.2	5018.	9797.	963.3	2457.	121500.
SDev	143.	1.6	1.	34.	3.6	2.	146.
%RSD	.1151	.1655	.0227	.3494	.3740	.0784	.1200
#1	124500.	966.3	5019.	9773.	960.8	2459.	121400.
#2	124700.	964.1	5017.	9821.	965.9	2456.	121600.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1105.	5525.	11050.	1105.	2762.	138100.
Low	112000.	895.0	4475.	8950.	895.0	2238.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4861.	2476.	12170.	96750.	120500.	4830.	2473.
SDev	5.	5.	50.	163.	341.	16.	5.
%RSD	.1130	.2107	.4143	.1688	.2833	.3280	.1908
#1	4857.	2479.	12140.	96640.	120200.	4818.	2476.
#2	4865.	2472.	12210.	96870.	120700.	4841.	2470.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5525.	2762.	13810.	110500.	138100.	5525.	2762.
Low	4480.	2238.	11200.	89500.	112000.	4480.	2238.

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	50700.	1215.	122100.	5054.	2399.	7003.	9827.

SDev	60.	4.	487.	9.	12.	10.	10.
%RSD	.1179	.3653	.3990	.1822	.4910	.1400	.0967
#1	50740.	1212.	121700.	5060.	2391.	6996.	9833.
#2	50650.	1218.	122400.	5047.	2407.	7010.	9820.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	55250.	1381.	138100.	5524.	2762.	8285.	
Low	44750.	1120.	112000.	4475.	2238.	6714.	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	9815.	4988.	5011.	9819.	5003.	994.6	474.2
SDev	24.	1.	1.	19.	.	1.1	1.0
%RSD	.2409	.0169	.0166	.1928	.0055	.1088	.2086
#1	9831.	4989.	5010.	9832.	5003.	995.4	473.5
#2	9798.	4987.	5012.	9805.	5004.	993.9	474.9

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				11050.	5525.	1104.	552.5
Low				8951.	4475.	896.0	447.5

Elem	Mo2020	Sn1899	Sr4215	Ti3349

Units	ppb	ppb	ppb	ppb
Avge	2418.	981.7	4939.	9887.
SDev	6.	3.2	10.	2.
%RSD	.2314	.3263	.2111	.0179
#1	2414.	983.9	4932.	9885.
#2	2422.	979.4	4946.	9888.
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	2760.	1104.	5520.	11040.
Low	2239.	896.0	4478.	8960.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1003	--	--	--	--	--	--
SDev	1.050043	--	--	--	--	--	--
%RSD	.1046849	--	--	--	--	--	--
#1	1004	--	--	--	--	--	--
#2	1002	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 18:01:35
Comment: 15060
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	70.31	1.295	-1.167	-.1644	-.5823	-.1987	5.453
SDev	3.55	1.763	.295	.0283	.0030	.1187	1.848

%RSD	5.054	136.1	25.30	17.23	.5121	59.74	33.90
#1	72.82	.0486	-1.376	-.1444	-.5802	-.1148	6.760
#2	67.80	2.542	-.9581	-.1844	-.5845	-.2826	4.146
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	100.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-100.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1443	-.5999	-1.331	-4.965	13.34	-.0030	-.2991
SDev	.0652	.7479	.013	.051	1.62	.0462	.5680
%RSD	45.22	124.7	.9563	1.031	12.12	1560.	189.9
#1	.1904	-.0710	-1.322	-5.001	14.48	.0297	.1025
#2	.0981	-1.129	-1.340	-4.929	12.19	-.0356	-.7008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-83.09	-.3054	47.26	2.975	3.555	-.5532	3.839
SDev	3.62	.7190	90.64	.913	1.143	.4747	6.438
%RSD	4.360	235.4	191.8	30.69	32.15	85.82	167.7
#1	-80.53	.2030	111.4	2.329	4.363	-.2175	8.392
#2	-85.65	-.8138	-16.83	3.620	2.747	-.8888	-.7132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	3000.	10.00	3000.	10.00	20.00	30.00	
Low	-3000.	-10.00	-3000.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-1.520	-5.755	2.740	.2679	-.0879	.9545	.0753
SDev	2.464	4.440	2.059	.4997	.1051	.2688	.1860
%RSD	162.1	77.16	75.16	186.5	119.6	28.16	247.0

#1	-3.263	-2.615	1.284	.6212	-.0136	1.145	.2068
#2	.2222	-8.895	4.196	-.0854	-.1622	.7644	-.0562

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.000	5.000	50.00	10.00
Low				-5.000	-5.000	-50.00	-5.000

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.5726	-1.408	-.1215	.4672
SDev	.3225	1.772	.0169	.0536
%RSD	56.32	125.9	13.93	11.46

#1	.8006	-.1544	-.1095	.5050
#2	.3446	-2.661	-.1335	.4293

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	50.00	50.00	20.00
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1032	--	--	--	--	--	--
SDev	.4200173	--	--	--	--	--	--
%RSD	.0406899	--	--	--	--	--	--

#1	1033	--	--	--	--	--	--
#2	1032	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1437-D-13-B Operator:
Run Time: 05/13/09 18:08:24
Comment: 14568
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	74.71	3.554	4.380	11.49	-.6989	-.6043	103100.
SDev	4.84	1.566	.635	.06	.0391	.0920	698.
%RSD	6.483	44.07	14.49	.4861	5.599	15.22	.6769

#1	71.29	2.447	4.829	11.53	-.7266	-.5393	103600.
#2	78.14	4.662	3.931	11.45	-.6712	-.6694	102600.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2035	-.3042	-1.191	11600.	55840.	2195.	10.96
SDev	.0013	.4075	.232	56.	242.	11.	.24
%RSD	.6584	134.0	19.47	.4855	.4332	.5104	2.166

#1	.2026	-.0161	-1.027	11640.	56010.	2203.	11.13
#2	.2045	-.5923	-1.355	11560.	55670.	2187.	10.79

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2234.	-.3920	11110.	-4.737	3.557	2.545	.4873
SDev	11.	.1096	5.	2.272	.165	.567	.0925
%RSD	.4777	27.95	.0486	47.97	4.644	22.29	18.99

#1	2226.	-.3145	11110.	-3.130	3.674	2.946	.4218
#2	2241.	-.4695	11110.	-6.344	3.441	2.144	.5527

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	

Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	1.446	-2.181	5.454	1.130	2.913	6.362	.0615
SDev	.048	1.144	1.046	.002	.316	.841	.3805
%RSD	3.331	52.46	19.17	.1775	10.86	13.22	618.9
#1	1.480	-2.990	6.193	1.132	3.136	6.957	.3305
#2	1.412	-1.372	4.715	1.129	2.689	5.768	-.2076
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.8716	-1.860	149.8	-.1906
SDev	.3727	1.757	.2	.1879
%RSD	42.75	94.48	.1569	98.58
#1	1.135	-.6173	149.6	-.0578
#2	.6081	-3.102	149.9	-.3235
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1008	--	--	--	--	--	--
SDev	2.660153	--	--	--	--	--	--
%RSD	.2639166	--	--	--	--	--	--
#1	1010	--	--	--	--	--	--
#2	1006	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1437-D-3-B Operator:
Run Time: 05/13/09 18:15:13
Comment: 7834
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	73.99	2.243	-.1863	46.47	-.7953	1.652	156400.
SDev	11.70	1.436	.3261	.08	.0589	.341	673.
%RSD	15.81	64.00	175.0	.1709	7.403	20.62	.4304
#1	65.72	3.258	.0443	46.53	-.8369	1.411	156900.
#2	82.26	1.228	-.4169	46.42	-.7537	1.893	155900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0206	4.363	-.0097	-.3387	87560.	5963.	28.66
SDev	.1347	1.063	.2490	2.4824	307.	20.	.19
%RSD	652.3	24.37	2569.	732.9	.3510	.3272	.6595
#1	.1159	3.611	-.1858	1.417	87780.	5977.	28.79
#2	-.0746	5.115	.1664	-2.094	87350.	5949.	28.52
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1

Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2637.	-.6867	22670.	-4.455	4.472	18.98	3.791
SDev	6.	.9771	55.	.271	1.676	.09	1.080
%RSD	.2118	142.3	.2414	6.092	37.48	.4946	28.49
#1	2633.	-1.378	22640.	-4.263	3.287	19.04	3.028
#2	2641.	.0042	22710.	-4.647	5.657	18.91	4.555
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-1.624	-9.234	4.364	.1811	-.1634	4.573	-.0905
SDev	2.612	1.365	.965	2.102	1.0981	.821	.1662
%RSD	160.8	14.79	22.11	1161.	672.1	17.95	183.6
#1	-3.472	-10.20	3.681	-1.305	-.9399	3.992	-.2080
#2	.2230	-8.268	5.046	1.668	.6131	5.153	.0270
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00
Elem	Mo2020	Sn1899	Sr4215	Ti3349			
Units	ppb	ppb	ppb	ppb			
Avge	-1.315	-2.447	460.3	-.2579			
SDev	.223	2.795	.1	.0110			
%RSD	16.95	114.2	.0240	4.253			
#1	-1.473	-4.423	460.2	-.2502			
#2	-1.158	-.4707	460.3	-.2657			
Errors	LC Pass	LC Pass	LC Pass	LC Pass			
High	5000.	2000.	10000.	20000.			
Low	-20.00	-50.00	-50.00	-20.00			

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	992	--	--	--	--	--	--
SDev	2.706807	--	--	--	--	--	--
%RSD	.2729417	--	--	--	--	--	--
#1	994	--	--	--	--	--	--
#2	990	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1437-D-6-B Operator:
Run Time: 05/13/09 18:22:02
Comment: 7834
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	74.70	4.936	-.9981	14.18	-.6832	-.1910	22990.
SDev	8.62	1.926	.7329	.09	.0765	.0917	56.
%RSD	11.54	39.03	73.44	.6044	11.20	47.98	.2447
#1	80.79	6.298	-1.516	14.12	-.6291	-.1262	22950.
#2	68.60	3.574	-.4798	14.24	-.7373	-.2558	23030.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2200	-.5425	-.8451	270.7	5351.	119.1	1.641
SDev	.0978	.5806	.0228	5.6	32.	.4	.195
%RSD	44.44	107.0	2.692	2.077	.6027	.3676	11.88

#1	.2892	-.1320	-.8290	274.7	5328.	118.8	1.778
#2	.1509	-.9531	-.8612	266.7	5374.	119.4	1.503
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2917.	-.1210	14730.	-1.132	4.559	5.571	1.599
SDev	9.	.1814	111.	1.476	.249	.212	.686
%RSD	.3200	149.9	.7509	130.4	5.463	3.798	42.89
#1	2910.	-.2493	14650.	-.0883	4.735	5.720	2.084
#2	2923.	.0073	14810.	-2.176	4.383	5.421	1.114
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	.6667	-6.805	1.898	.9802	-.9994	18.70	-.1882
SDev	4.188	3.080	1.026	2.565	.3412	.16	.2422
%RSD	628.2	45.25	54.06	261.7	34.14	.8349	128.6

#1	-2.295	-4.628	1.172	-.8338	-.7581	18.59	-.0170
#2	3.628	-8.983	2.623	2.794	-1.241	18.81	-.3595
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00
Elem	Mo2020	Sn1899	Sr4215	Ti3349			
Units	ppb	ppb	ppb	ppb			
Avge	1.412	-.0556	79.74	.2368			
SDev	.102	1.2701	.38	.0015			
%RSD	7.209	2285.	.4813	.6181			
#1	1.340	.8425	79.47	.2378			
#2	1.484	-.9536	80.02	.2357			
Errors	LC Pass	LC Pass	LC Pass	LC Pass			
High	5000.	2000.	10000.	20000.			
Low	-20.00	-50.00	-50.00	-20.00			

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1020	--	--	--	--	--	--
SDev	1.936732	--	--	--	--	--	--
%RSD	.1898978	--	--	--	--	--	--
#1	1021	--	--	--	--	--	--
#2	1019	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1437-D-7-B Operator:
Run Time: 05/13/09 18:28:51
Comment: 14568
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	78.48	.3944	-.1616	12.05	-.7977	-1.521	97220.
SDev	9.69	1.819	.3037	.05	.0335	.242	404.
%RSD	12.34	461.3	187.9	.3963	4.197	15.92	.4154
#1	85.33	1.681	-.3764	12.02	-.7740	-1.692	96940.
#2	71.63	-.8921	.0531	12.08	-.8213	-1.349	97510.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.

Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1932	24.27	-2.232	77350.	H720900.	4323.	15.78
SDev	.2403	.35	.249	362.	4885.	24.	.82
%RSD	124.4	1.430	11.16	.4685	.6776	.5601	5.184
#1	-.0233	24.52	-2.409	77100.	H717500.	4305.	15.20
#2	-.3631	24.03	-2.056	77610.	H724400.	4340.	16.35

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	3570.	-.5237	28440.	-7.360	4.680	19.39	1.715
SDev	6.	.0562	160.	.350	.725	.04	1.693
%RSD	.1659	10.74	.5609	4.756	15.50	.1807	98.67
#1	3565.	-.5635	28330.	-7.112	5.193	19.41	.5186
#2	3574.	-.4839	28550.	-7.607	4.167	19.36	2.912

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	.2151	-4.813	4.741	.7188	1.561	90.34	.1672
SDev	1.706	5.747	.752	.5739	1.412	.47	.0842
%RSD	792.9	119.4	15.86	79.84	90.50	.5151	50.37
#1	1.421	-8.877	5.273	1.125	.5620	90.67	.2268
#2	-.9909	-.7493	4.210	.3130	2.559	90.01	.1076

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-2.529	7.472	231.9	.3607
SDev	.173	.099	.9	.0413
%RSD	6.854	1.326	.3981	11.46
#1	-2.651	7.542	231.2	.3314
#2	-2.406	7.402	232.5	.3899

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	981	--	--	--	--	--	--
SDev	.9566916	--	--	--	--	--	--
%RSD	.0975082	--	--	--	--	--	--
#1	980	--	--	--	--	--	--
#2	982	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1437-D-9-B Operator:
Run Time: 05/13/09 18:35:39
Comment: 14568
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	69.51	2.581	.8790	49.04	-.6631	-.4013	83080.
SDev	3.54	1.450	.5315	.06	.0406	.0926	475.
%RSD	5.097	56.19	60.46	.1290	6.120	23.08	.5721
#1	67.01	1.556	.5032	48.99	-.6344	-.4668	83420.
#2	72.02	3.606	1.255	49.08	-.6918	-.3358	82750.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1019	.1656	-.9044	5521.	47740.	1693.	3.794
SDev	.1017	.2247	.0376	18.	96.	6.	.008
%RSD	99.81	135.7	4.160	.3271	.2005	.3348	.2065
#1	-.1739	.0068	-.9310	5534.	47800.	1697.	3.788
#2	-.0300	.3245	-.8778	5509.	47670.	1689.	3.799
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2610.	-.6246	19560.	-1.893	3.776	1.097	10.69
SDev	19.	.3887	163.	.849	.219	.680	.25
%RSD	.7115	62.23	.8330	44.86	5.788	61.99	2.345
#1	2597.	-.8995	19440.	-1.292	3.622	1.578	10.52
#2	2623.	-.3498	19670.	-2.493	3.931	.6164	10.87
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	7.804	-2.332	5.207	8.769	2.698	20.74	-.4014
SDev	.775	.088	.747	.434	.469	.13	.1104
%RSD	9.931	3.795	14.35	4.951	17.38	.6197	27.51
#1	8.352	-2.269	4.679	9.076	2.366	20.83	-.3233
#2	7.256	-2.394	5.735	8.462	3.029	20.65	-.4795
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Units	ppb	ppb	ppb	ppb
Avge	-.2585	-1.462	175.8	-.2587
SDev	.4695	.678	.3	.0332
%RSD	181.6	46.35	.1880	12.83
#1	-.5905	-1.941	175.5	-.2352
#2	.0734	-.9828	176.0	-.2822
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00
IntStd	1	2	3	4
Mode	Counts	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--
Wavlen	371.030	--	--	--
Avge	1003	--	--	--
SDev	4.246913	--	--	--
%RSD	.4235875	--	--	--
#1	1006	--	--	--

5	6	7				
NOTUSED	NOTUSED	NOTUSED				
--	--	--				
--	--	--				
--	--	--				
--	--	--				
--	--	--				
--	--	--				

#2	1000	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1438-H-7-B Operator:
Run Time: 05/13/09 18:42:28
Comment: 7834
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	93.56	2.495	-.9249	69.83	-.4396	-.1697	12830.
SDev	2.07	1.541	1.5670	.18	.0485	.1114	64.
%RSD	2.217	61.76	169.4	.2507	11.02	65.65	.4989
#1	92.09	3.585	.1832	69.71	-.4739	-.0909	12880.
#2	95.02	1.406	-2.033	69.95	-.4054	-.2484	12780.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0660	-.7322	-1.224	403.0	4431.	13.11	-.9784
SDev	.4205	.3911	.198	7.7	21.	.12	.8199
%RSD	637.4	53.42	16.22	1.901	.4659	.8775	83.80
#1	.2314	-1.009	-1.084	408.5	4445.	13.19	-.3987
#2	-.3633	-.4556	-1.364	397.6	4416.	13.02	-1.558
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2776.	-.4952	19490.	-1.833	3.258	3.562	4.932

SDev	15.	.1459	95.	.014	.075	.273	1.615
%RSD	.5501	29.47	.4892	.7696	2.302	7.651	32.74
#1	2765.	-.5983	19430.	-1.823	3.311	3.755	3.790
#2	2787.	-.3920	19560.	-1.843	3.205	3.369	6.074
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.661	-2.462	.9217	-.1291	-.2040	14.76	2.032
SDev	1.810	1.211	1.834	1.7447	1.6265	.18	.894
%RSD	68.04	49.20	199.0	1352.	797.1	1.242	43.97
#1	-3.941	-1.605	2.218	-1.363	.9461	14.89	2.664
#2	-1.381	-3.318	-.3750	1.105	-1.354	14.63	1.400
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.400	-.2462	163.0	.1338
SDev	.125	2.2116	.4	.0875
%RSD	8.910	898.2	.2472	65.44
#1	-1.312	1.318	162.7	.1957
#2	-1.488	-1.810	163.3	.0719
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1040	--	--	--	--	--	--
SDev	1.750072	--	--	--	--	--	--
%RSD	.1683437	--	--	--	--	--	--
#1	1041	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1462-A-1-E Operator:
Run Time: 05/13/09 18:49:17
Comment: 7834
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	57.06	4.686	.8891	89.27	-.4847	-.2650	89790.
SDev	6.37	3.375	.0571	.16	.0250	.0788	677.
%RSD	11.16	72.03	6.422	.1845	5.160	29.73	.7535
#1	52.56	2.299	.9295	89.38	-.5024	-.3207	90270.
#2	61.56	7.073	.8487	89.15	-.4670	-.2093	89320.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1003	-1.146	.3335	45.72	11010.	551.9	.0252
SDev	.3933	.093	.1812	3.91	63.	3.1	.0891
%RSD	392.0	8.134	54.33	8.559	.5678	.5605	353.8
#1	.3784	-1.080	.4616	42.95	11050.	554.1	-.0378
#2	-.1777	-1.212	.2054	48.49	10960.	549.7	.0882
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	8387.	-.2258	78320.	-1.642	2.588	11.35	8.158
SDev	31.	.3946	54.	3.305	.158	.11	.748
%RSD	.3751	174.8	.0692	201.4	6.101	.9937	9.165
#1	8365.	.0533	78360.	.6957	2.700	11.43	7.629
#2	8410.	-.5048	78280.	-3.979	2.477	11.27	8.687
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-.1384	-6.395	2.586	2.628	-.4033	79.77	-.3581
SDev	.2984	4.917	.045	.448	1.6074	.63	.0530
%RSD	215.7	76.90	1.745	17.05	398.5	.7915	14.80
#1	-.3494	-2.918	2.555	2.311	.7333	79.32	-.3956
#2	.0726	-9.872	2.618	2.945	-1.540	80.21	-.3206
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6.786	-.9576	559.0	-.0999
SDev	.067	.2320	.1	.1574
%RSD	.9872	24.22	.0146	157.6

#1	6.833	-1.122	559.0	.0114
#2	6.739	-.7936	559.1	-.2112

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1025	--	--	--	--	--	--
SDev	2.706764	--	--	--	--	--	--
%RSD	.2639607	--	--	--	--	--	--
#1	1027	--	--	--	--	--	--
#2	1024	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1462-A-2-C Operator:
Run Time: 05/13/09 18:56:05
Comment: 7834
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.00	4.977	-.7108	44.15	-.6387	-.2490	126700.
SDev	3.29	.849	.0479	.05	.0012	.0160	671.
%RSD	5.882	17.05	6.740	.1020	.1854	6.438	.5300
#1	53.67	4.376	-.6769	44.12	-.6378	-.2603	127100.
#2	58.33	5.577	-.7447	44.18	-.6395	-.2376	126200.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1759	-.7192	.4452	11.63	15020.	482.6	-.1145
SDev	.2656	.3113	.1456	1.56	49.	1.7	.3380
%RSD	151.0	43.28	32.71	13.37	.3235	.3478	295.3
#1	.0119	-.9393	.5481	12.73	15060.	483.8	-.3535
#2	-.3638	-.4991	.3422	10.53	14990.	481.4	.1246

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	15670.	.0829	18540.	-4.213	2.774	26.52	11.29
SDev	43.	.0645	78.	.724	.167	.42	.11
%RSD	.2742	77.82	.4184	17.18	6.016	1.571	1.015
#1	15640.	.0373	18490.	-3.701	2.892	26.81	11.37
#2	15700.	.1286	18600.	-4.724	2.656	26.22	11.21

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	

Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	1.950	-7.914	2.783	5.063	-.7780	231.8	-.5906
SDev	2.859	2.554	1.443	1.945	1.8128	1.9	.5963
%RSD	146.6	32.28	51.83	38.42	233.0	.8199	101.0
#1	3.972	-9.720	1.763	6.439	-2.060	233.1	-.1690
#2	-.0717	-6.108	3.803	3.688	.5039	230.4	-1.012

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2.659	-.3527	744.3	-.2146
SDev	.019	.6135	.3	.0454
%RSD	.6962	174.0	.0361	21.17
#1	2.672	-.7865	744.5	-.2467
#2	2.646	.0811	744.1	-.1825

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1013	--	--	--	--	--	--
SDev	1.680069	--	--	--	--	--	--
%RSD	.1657751	--	--	--	--	--	--
#1	1015	--	--	--	--	--	--
#2	1012	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1462-A-3-C Operator:
Run Time: 05/13/09 19:02:54
Comment: 15014
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	75.00	29.63	-.0239	67.55	-.7367	-.0380	84810.
SDev	.90	.93	.6112	.05	.0610	.0972	43.
%RSD	1.200	3.144	2552.	.0772	8.279	255.7	.0512
#1	75.64	30.29	-.4561	67.59	-.6936	.0307	84780.
#2	74.36	28.97	.4082	67.52	-.7799	-.1068	84840.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2261	-.3192	1.616	13.92	64600.	1.313	1.329
SDev	.0659	.4880	.230	1.59	49.	.017	.439
%RSD	29.14	152.9	14.21	11.39	.0760	1.281	33.01
#1	-.2727	.0259	1.779	12.80	64570.	1.301	1.018
#2	-.1795	-.6643	1.454	15.04	64640.	1.325	1.639

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	15650.	-.1361	H360000.	-2.363	4.770	280.4	5.455
SDev	19.	.3099	523.	.123	.737	.5	1.182
%RSD	.1198	227.7	.1452	5.201	15.46	.1767	21.66
#1	15670.	.0830	H360300.	-2.450	5.291	280.0	6.291
#2	15640.	-.3552	H359600.	-2.276	4.248	280.7	4.620

Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988

Units				ppb	ppb	ppb	ppb
Avge	-1.646	.1610	-1.666	.7227	-1.057	250.3	-.2450
SDev	1.000	7.059	1.318	.2736	3.230	.9	.1075
%RSD	60.77	4384.	79.08	37.86	305.5	.3649	43.87
#1	-2.353	5.152	-.7346	.5292	1.227	249.6	-.1690
#2	-.9386	-4.830	-2.598	.9162	-3.342	250.9	-.3210
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6.428	2.076	498.4	.1765
SDev	.764	1.570	.2	.0221
%RSD	11.89	75.64	.0354	12.55
#1	6.969	3.186	498.5	.1609
#2	5.888	.9655	498.2	.1922
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1020	--	--	--	--	--	--
SDev	2.076781	--	--	--	--	--	--
%RSD	.2036824	--	--	--	--	--	--
#1	1018	--	--	--	--	--	--
#2	1021	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1462-A-4-C Operator:
Run Time: 05/13/09 19:09:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	69.45	.8178	-.4883	34.78	-.6289	-.2452	79400.
SDev	7.61	2.708	.5897	.25	.1041	.0582	31.
%RSD	10.96	331.2	120.8	.7143	16.55	23.72	.0391
#1	74.83	2.733	-.0713	34.60	-.5553	-.2041	79420.
#2	64.07	-1.097	-.9053	34.95	-.7025	-.2863	79380.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0061	-.2371	1.571	9.301	12830.	.2595	.6746
SDev	.9144	.8808	.092	14.36	63.	.1400	.2447
%RSD	14920.	371.4	5.885	154.3	.4932	53.95	36.27
#1	.6527	.3857	1.637	19.45	12780.	.3585	.8476
#2	-.6404	-.8600	1.506	-.8490	12870.	.1605	.5016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2271.	-.0963	18360.	-.2895	4.885	5.410	3.014
SDev	8.	.1483	166.	2.6339	.879	.530	3.073
%RSD	.3681	154.0	.9027	909.8	17.99	9.800	101.9

#1	2265.	.0086	18240.	1.573	5.506	5.785	.8415
#2	2277.	-.2012	18480.	-2.152	4.263	5.035	5.187
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.591	-.6832	1.295	-.7203	.6374	30.66	.4895
SDev	1.498	1.7360	1.752	.0241	.5906	.16	.8780
%RSD	57.82	254.1	135.3	3.351	92.64	.5298	179.4

#1	-1.531	-1.911	2.534	-.7374	1.055	30.77	1.110
#2	-3.650	.5444	.0564	-.7033	.2199	30.54	-.1313
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00
Elem	Mo2020	Sn1899	Sr4215	Ti3349			
Units	ppb	ppb	ppb	ppb			
Avge	1.954	-.8401	326.5	.2762			
SDev	.302	.0005	2.2	.2606			
%RSD	15.46	.0640	.6614	94.36			
#1	2.168	-.8404	324.9	.4605			
#2	1.741	-.8397	328.0	.0919			
Errors	LC Pass	LC Pass	LC Pass	LC Pass			
High	5000.	2000.	10000.	20000.			
Low	-20.00	-50.00	-50.00	-20.00			

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1031	--	--	--	--	--	--
SDev	.5833285	--	--	--	--	--	--
%RSD	.0565878	--	--	--	--	--	--
#1	1031	--	--	--	--	--	--
#2	1030	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 051637 Operator:
Run Time: 05/13/09 19:16:31
Comment: 15060
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126100.	959.6	5013.	9875.	957.9	2445.	121000.
SDev	130.	1.7	10.	2.	4.0	7.	584.
%RSD	.1031	.1816	.2093	.0247	.4150	.2689	.4828
#1	126000.	960.8	5021.	9873.	960.7	2449.	121400.
#2	126200.	958.4	5006.	9876.	955.0	2440.	120600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1105.	5525.	11050.	1105.	2762.	138100.
Low	112000.	895.0	4475.	8950.	895.0	2238.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4856.	2479.	12290.	96520.	120700.	4816.	2476.
SDev	14.	4.	13.	331.	370.	13.	3.
%RSD	.2805	.1459	.1074	.3433	.3066	.2763	.1134
#1	4865.	2481.	12280.	96750.	121000.	4825.	2478.
#2	4846.	2476.	12300.	96280.	120400.	4807.	2474.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5525.	2762.	13810.	110500.	138100.	5525.	2762.
Low	4480.	2238.	11200.	89500.	112000.	4480.	2238.

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	51620.	1220.	123700.	5075.	2399.	6928.	9836.
SDev	122.	.	236.	10.	7.	44.	4.
%RSD	.2365	.0184	.1907	.1935	.2835	.6324	.0368
#1	51530.	1221.	123500.	5068.	2404.	6959.	9834.
#2	51710.	1220.	123900.	5082.	2395.	6897.	9839.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	55250.	1381.	138100.	5524.	2762.	8285.	
Low	44750.	1120.	112000.	4475.	2238.	6714.	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	9776.	5000.	5012.	9796.	5008.	993.6	477.8
SDev	1.	9.	13.	1.	11.	2.5	.7
%RSD	.0075	.1702	.2571	.0073	.2282	.2535	.1510
#1	9777.	4994.	5003.	9796.	5000.	995.4	478.3
#2	9776.	5006.	5021.	9797.	5016.	991.8	477.3

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				11050.	5525.	1104.	552.5
Low				8951.	4475.	896.0	447.5

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2419.	978.9	4985.	9931.
SDev	4.	6.2	2.	2.
%RSD	.1515	.6369	.0488	.0249
#1	2422.	983.3	4983.	9933.
#2	2417.	974.5	4986.	9929.

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	2760.	1104.	5520.	11040.
Low	2239.	896.0	4478.	8960.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	983	--	--	--	--	--	--
SDev	1.330055	--	--	--	--	--	--
%RSD	.1353710	--	--	--	--	--	--
#1	983	--	--	--	--	--	--
#2	982	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 19:23:20
Comment: 15060
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62.70	-1.301	.7031	-.2874	-.6719	-.2366	-8.444
SDev	4.63	1.356	1.387	.0267	.0160	.0274	1.254
%RSD	7.380	104.3	197.2	9.282	2.387	11.59	14.85
#1	65.97	-2.260	1.684	-.2685	-.6606	-.2173	-7.557
#2	59.43	-.3415	-.2775	-.3063	-.6832	-.2560	-9.331

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	100.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-100.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3397	-.7458	-1.299	4.296	9.126	-.1031	-.4833
SDev	.1619	.1824	.068	.661	4.703	.0475	.0361
%RSD	47.66	24.46	5.239	15.39	51.54	46.09	7.461
#1	-.4542	-.6168	-1.251	3.828	5.800	-.1368	-.5088
#2	-.2252	-.8747	-1.347	4.764	12.45	-.0695	-.4578
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-61.42	-.2211	3.916	1.478	3.672	-1.218	2.564
SDev	9.16	.2223	64.53	2.523	.472	.414	4.972
%RSD	14.91	100.5	1648.	170.7	12.86	34.03	193.9
#1	-67.89	-.0639	49.54	3.262	4.006	-1.511	6.080
#2	-54.94	-.3783	-41.71	-.3057	3.338	-.9249	-.9520
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	3000.	10.00	3000.	10.00	20.00	30.00	
Low	-3000.	-10.00	-3000.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-1.274	-1.330	-.4728	.0081	-.7572	.9298	-.1679
SDev	2.064	6.511	3.1435	.2791	.0716	.6571	.3693
%RSD	162.0	489.7	664.9	3455.	9.453	70.67	220.0
#1	-2.733	3.275	-2.696	.2055	-.7066	.4652	-.4290
#2	.1857	-5.934	1.750	-.1893	-.8078	1.394	.0932
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.000	5.000	50.00	10.00
Low				-5.000	-5.000	-50.00	-5.000
Elem	Mo2020	Sn1899	Sr4215	Ti3349	□□Analysis Report		

05/13/09 07:30:06 PM page 52

Units	ppb	ppb	ppb	ppb
Avge	.1272	-3.134	-.1667	.4337
SDev	.0481	.009	.0086	.1227
%RSD	37.77	.2953	5.149	28.29
#1	.1612	-3.127	-.1606	.5204
#2	.0933	-3.140	-.1727	.3469
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	50.00	50.00	20.00
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1040	--	--	--	--	--	--
SDev	6.346957	--	--	--	--	--	--
%RSD	.6101517	--	--	--	--	--	--
#1	1045	--	--	--	--	--	--
#2	1036	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1462-A-5-C Operator:
Run Time: 05/13/09 19:30:09
Comment: 7834
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	87.64	4.366	-.2301	11.50	-.5556	-.2209	48380.
SDev	5.69	.316	.9391	.05	.0828	.1815	41.
%RSD	6.495	7.245	408.1	.4683	14.91	82.17	.0853

#1	83.62	4.589	-.8941	11.46	-.6142	-.3493	48410.
#2	91.67	4.142	.4340	11.54	-.4970	-.0926	48350.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0081	-1.105	.7015	10.17	10100.	25.99	.7585
SDev	.3936	.214	.0228	2.23	22.	.04	.2320
%RSD	4834.	19.40	3.249	21.93	.2158	.1724	30.58
#1	.2864	-1.257	.7176	8.595	10120.	26.02	.5945
#2	-.2702	-.9535	.6854	11.75	10080.	25.96	.9225
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	6987.	.0600	5444.	-2.733	5.646	22.72	7.155

SDev	7.	.2243	14.	.037	.756	.33	1.848
%RSD	.0971	373.7	.2493	1.372	13.40	1.467	25.83
#1	6982.	.2187	5453.	-2.707	5.111	22.49	8.462
#2	6992.	-.0986	5434.	-2.760	6.181	22.96	5.849
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-2.448	-2.505	1.122	.7537	-.0847	64.99	-.2824
SDev	1.550	3.694	1.340	1.649	2.1241	.92	.2141
%RSD	63.33	147.5	119.4	218.7	2509.	1.421	75.84
#1	-1.351	-5.117	.1746	1.919	-1.587	64.34	-.4338
#2	-3.544	.1074	2.070	-.4121	1.417	65.64	-.1309
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10.05	-.8989	212.1	.3247
SDev	.16	1.6994	.0	.0978
%RSD	1.640	189.1	.0176	30.11
#1	10.16	.3028	212.1	.2556
#2	9.932	-2.101	212.0	.3939
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1023	--	--	--	--	--	--
SDev	4.573622	--	--	--	--	--	--
%RSD	.4472670	--	--	--	--	--	--
#1	1026	--	--	--	--	--	--
#2	1019	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1462-A-6-C Operator:
Run Time: 05/13/09 19:36:58

Comment: 8195
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	78.39	2.765	-.3640	53.67	-.8200	-.0681	57940.
SDev	4.18	.182	.3727	.09	.0013	.0804	19.

%RSD	5.335	6.595	102.4	.1683	.1599	118.1	.0326
#1	75.43	2.894	-.1004	53.74	-.8210	-.1249	57920.
#2	81.34	2.636	-.6275	53.61	-.8191	-.0112	57950.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2977	-.7517	-.3504	14.13	13000.	71.85	.5396
SDev	.0657	.0878	.1159	5.45	11.	.02	.0423
%RSD	22.07	11.68	33.08	38.56	.0863	.0306	7.839
#1	.2512	-.6896	-.2684	10.28	13010.	71.83	.5695
#2	.3441	-.8138	-.4324	17.98	12990.	71.86	.5097
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	5403.	-.0626	95770.	-3.241	3.630	5.805	5.610
SDev	18.	.0538	356.	1.412	.285	.216	2.790
%RSD	.3255	85.99	.3715	43.57	7.840	3.726	49.73
#1	5415.	-.0245	96020.	-2.242	3.831	5.652	3.637
#2	5391.	-.1006	95520.	-4.239	3.429	5.958	7.582
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-1.519	-1.608	2.764	.8580	1.309	26.42	-.1695
SDev	1.212	2.037	2.054	.1203	.692	.26	.6529
%RSD	79.83	126.7	74.31	14.02	52.91	.9760	385.1
#1	-.6614	-.1676	1.312	.7729	.8191	26.60	-.6312
#2	-2.376	-3.048	4.217	.9430	1.798	26.24	.2921
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1.193	-.7602	294.4	-.2083
SDev	.082	.7913	.5	.0389
%RSD	6.871	104.1	.1595	18.67
#1	1.251	-.2006	294.7	-.1808
#2	1.135	-1.320	294.1	-.2358

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	1009	--	--	--	--	--	--
SDev	1.680069	--	--	--	--	--	--
%RSD	.1665778	--	--	--	--	--	--
#1	1007	--	--	--	--	--	--
#2	1010	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1462-A-7-C Operator:
Run Time: 05/13/09 19:43:47
Comment: 7834
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	76.49	3.656	-.4044	24.64	-.6632	-.2762	35200.
SDev	2.51	.676	.0618	.04	.0348	.0590	113.
%RSD	3.280	18.48	15.27	.1822	5.242	21.37	.3203
#1	74.71	3.178	-.3607	24.61	-.6878	-.2345	35280.
#2	78.26	4.134	-.4481	24.67	-.6387	-.3179	35120.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1071	-.1248	-.8035	46.25	8566.	1641.	-.7945
SDev	.1646	.1789	.0364	6.96	30.	4.	.7297
%RSD	153.6	143.3	4.532	15.04	.3557	.2316	91.84
#1	.0092	.0016	-.7778	41.33	8587.	1644.	-.2785
#2	-.2235	-.2513	-.8293	51.17	8544.	1639.	-1.310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	3026.	-.0381	32670.	-3.476	4.215	11.75	7.066
SDev	9.	.3423	33.	.603	.017	.08	1.361
%RSD	.2838	898.3	.1012	17.35	.4011	.6739	19.26
#1	3020.	.2039	32700.	-3.050	4.203	11.81	8.028
#2	3032.	-.2801	32650.	-3.902	4.227	11.69	6.103
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	

Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-1.450	-4.236	2.688	1.390	.3833	143.8	-.6819
SDev	1.061	2.000	3.111	.255	1.409	.3	.1334
%RSD	73.22	47.22	115.7	18.33	367.6	.2214	19.57
#1	-2.200	-2.822	.4880	1.210	-.6131	144.0	-.7763
#2	-.6991	-5.650	4.888	1.570	1.380	143.6	-.5876
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.4335	-.8741	179.9	-.2119
SDev	.0592	.8079	.1	.0090
%RSD	13.67	92.43	.0446	4.235
#1	.3916	-.3028	179.8	-.2055
#2	.4754	-1.445	179.9	-.2182

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1021	--	--	--	--	--	--
SDev	1.820118	--	--	--	--	--	--
%RSD	.1782647	--	--	--	--	--	--
#1	1022	--	--	--	--	--	--
#2	1020	--	--	--	--	--	--

Method: SW846 Sample Name: 460-1462-A-8-C Operator:
Run Time: 05/13/09 19:50:36
Comment: 8420
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	75.11	7.916	-.3193	26.83	-.5366	-.2071	20700.
SDev	3.37	.416	1.1665	.15	.0308	.1265	6.
%RSD	4.485	5.256	365.4	.5614	5.743	61.08	.0309
#1	77.49	7.621	-1.144	26.73	-.5584	-.1177	20700.
#2	72.73	8.210	.5056	26.94	-.5148	-.2965	20700.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-5.000	-20.00	-3.000	-5.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9678	-.9705	-.9024	5.807	8060.	64.43	-1.026
SDev	.1389	.3677	.1481	7.787	9.	.12	.030
%RSD	14.36	37.89	16.42	134.1	.1102	.1895	2.893
#1	.8696	-.7105	-1.007	.3010	8054.	64.34	-1.005
#2	1.066	-1.230	-.7977	11.31	8066.	64.51	-1.047

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2518.	-.2720	18030.	-3.738	3.859	5.592	5.701
SDev	12.	.0884	18.	.248	.153	.253	3.315
%RSD	.4761	32.52	.1013	6.624	3.965	4.522	58.15
#1	2510.	-.2094	18020.	-3.913	3.968	5.771	8.045
#2	2527.	-.3345	18040.	-3.563	3.751	5.414	3.357

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	100000.	2500.	250000.	10000.	5000.	15000.	
Low	-2500.	-10.00	-2500.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-.2070	-10.87	4.559	1.762	-.5767	22.18	-.5177
SDev	.1950	.03	1.203	1.234	.8118	.57	.0560
%RSD	94.20	.2568	26.39	70.01	140.8	2.555	10.81
#1	-.0691	-10.89	3.708	2.635	-1.151	21.78	-.4782
#2	-.3448	-10.85	5.410	.8899	-.0026	22.58	-.5573

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				20000.	10000.	2000.	2000.
Low				-6.000	-10.00	-50.00	-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349

Units	ppb	ppb	ppb	ppb
Avge	-2.051	-.4887	119.2	-.2121
SDev	.198	2.7066	.2	.1057
%RSD	9.676	553.9	.1931	49.86
#1	-1.911	1.425	119.1	-.2869
#2	-2.192	-2.403	119.4	-.1373
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	2000.	10000.	20000.
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1002	--	--	--	--	--	--
SDev	3.360181	--	--	--	--	--	--
%RSD	.3354760	--	--	--	--	--	--
#1	1004	--	--	--	--	--	--
#2	999	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 051609 Operator:
Run Time: 05/13/09 19:57:25
Comment: 7928
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	480400.	1.312	-1.667	-1.550	-.9698	-2.283	456800.
SDev	1684.	.061	.708	.039	.1376	.295	569.
%RSD	.3505	4.636	42.46	2.537	14.19	12.93	.1246
#1	479200.	1.269	-2.167	-1.522	-.8725	-2.491	457300.
#2	481600.	1.355	-1.166	-1.578	-1.067	-2.074	456400.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	10.00	8.000	100.0	2.000	5.000	600000.
Low	400000.	-10.00	-8.000	-100.0	-2.000	-5.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.628	1.860	-3.898	196100.	510400.	-.7318	1.250
SDev	.206	.185	.173	71.	430.	.0822	.205
%RSD	12.68	9.946	4.440	.0362	.0843	11.24	16.36
#1	1.774	1.729	-4.020	196100.	510100.	-.6737	1.105
#2	1.482	1.990	-3.775	196200.	510700.	-.7900	1.394
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	20.00	25.00	240000.	600000.	15.00	40.00
Low	-10.00	-20.00	-25.00	160000.	400000.	-15.00	-40.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-92.43	-.9880	46.35	-1.061	8.211	4.530	17.37
SDev	6.49	.0669	42.69	2.791	.556	.444	2.92
%RSD	7.017	6.772	92.10	263.0	6.778	9.803	16.83
#1	-87.85	-1.035	76.54	-3.035	7.817	4.216	15.30
#2	-97.02	-.9407	16.16	.9123	8.604	4.844	19.44
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	5000.	10.00	5000.	10.00	20.00	30.00	
Low	-5000.	-10.00	-5000.	-10.00	-20.00	-30.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	-10.07	-4.852	-.4836	-.9269	-1.937	.0365	-.3668
SDev	.26	1.389	3.6549	1.1462	1.975	.0629	.3357
%RSD	2.572	28.62	755.8	123.7	102.0	172.1	91.52

#1	-10.25	-5.834	2.101	-1.737	-.5405	.0810	-.6042
#2	-9.885	-3.870	-3.068	-.1164	-3.334	-.0079	-.1294
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High				5.000	10.00		20.00
Low				-5.000	-10.00		-20.00

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-2.949	-.9919	-6.644	-1.041
SDev	.423	1.5342	.021	.132
%RSD	14.35	154.7	.3114	12.73
#1	-2.650	-2.077	-6.658	-.9472
#2	-3.248	.0929	-6.629	-1.135
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	50.00	20.00	20.00
Low	-20.00	-50.00	-20.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	981	--	--	--	--	--	--
SDev	.1400058	--	--	--	--	--	--
%RSD	.0142738	--	--	--	--	--	--
#1	981	--	--	--	--	--	--
#2	981	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 051627 Operator:
Run Time: 05/13/09 20:04:14
Comment: 7928
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	470300.	92.90	97.72	100.7	92.71	91.55	459700.
SDev	789.	.56	.72	.1	.33	.27	2032.
%RSD	.1677	.6002	.7375	.0898	.3580	.2997	.4421
#1	469800.	93.30	97.21	100.7	92.94	91.75	461100.
#2	470900.	92.51	98.23	100.8	92.47	91.36	458200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	95.87	96.72	95.71	195600.	504900.	94.58	97.29
SDev	.74	.42	.20	645.	1232.	.15	.42
%RSD	.7683	.4366	.2087	.3296	.2441	.1566	.4322
#1	96.39	97.01	95.57	196100.	505700.	94.69	97.59
#2	95.35	96.42	95.85	195200.	504000.	94.48	96.99

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	10920.	97.01	10160.	93.42	99.79	98.07	121.2
SDev	29.	.03	11.	1.41	.37	1.23	5.1
%RSD	.2686	.0289	.1099	1.514	.3706	1.249	4.244
#1	10900.	96.99	10150.	94.42	100.0	98.93	124.9
#2	10940.	97.03	10160.	92.42	99.52	97.20	117.6

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	12000.	120.0	12000.	120.0	120.0	120.0	
Low	800.0	80.00	800.0	80.00	80.00	80.00	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	80.16	90.81	96.96	93.84	94.91	99.37	-.1697
SDev	1.18	.00	.68	.93	.46	1.85	.6169
%RSD	1.472	.0013	.7030	.9871	.4795	1.859	363.5
#1	79.33	90.81	97.45	94.49	95.24	100.7	.2665
#2	81.00	90.81	96.48	93.18	94.59	98.07	-.6059

Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				120.0	120.0	120.0	
Low				80.00	80.00	80.00	

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	90.03	95.66	96.14	96.85
SDev	.21	.77	.09	.04
%RSD	.2323	.8002	.0968	.0375
#1	89.89	96.20	96.08	96.88
#2	90.18	95.11	96.21	96.83

Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	120.0
Low	80.00	80.00	80.00	80.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	978	--	--	--	--	--	--
SDev	2.310095	--	--	--	--	--	--
%RSD	.2360934	--	--	--	--	--	--
#1	980	--	--	--	--	--	--
#2	977	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 051637 Operator:
Run Time: 05/13/09 20:11:03
Comment: 8217
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123700.	949.2	5084.	9660.	972.2	2521.	124200.
SDev	272.	1.5	3.	4.	3.6	9.	561.
%RSD	.2197	.1574	.0544	.0381	.3711	.3481	.4517
#1	123500.	948.1	5086.	9657.	974.8	2527.	124600.
#2	123900.	950.2	5082.	9662.	969.7	2515.	123900.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1105.	5525.	11050.	1105.	2762.	138100.
Low	112000.	895.0	4475.	8950.	895.0	2238.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4931.	2529.	11990.	98090.	120900.	4842.	2534.
SDev	15.	2.	15.	328.	229.	13.	2.
%RSD	.2959	.0767	.1277	.3343	.1898	.2735	.0885
#1	4942.	2531.	11980.	98320.	121100.	4852.	2536.
#2	4921.	2528.	12000.	97860.	120700.	4833.	2533.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5525.	2762.	13810.	110500.	138100.	5525.	2762.
Low	4480.	2238.	11200.	89500.	112000.	4480.	2238.

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1

Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	50290.	1209.	120700.	5167.	2393.	7184.	10020.
SDev	154.	.	75.	2.	8.	38.	9.
%RSD	.3053	.0351	.0621	.0429	.3249	.5346	.0867
#1	50180.	1209.	120600.	5165.	2399.	7211.	10030.
#2	50400.	1209.	120700.	5169.	2388.	7157.	10020.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	55250.	1381.	138100.	5524.	2762.	8285.	
Low	44750.	1120.	112000.	4475.	2238.	6714.	

Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	9946.	5041.	5041.	9972.	5041.	995.8	475.3
SDev	25.	5.	8.	20.	4.	2.0	.5
%RSD	.2508	.1016	.1560	.1959	.0702	.2032	.1144
#1	9964.	5038.	5047.	9985.	5044.	997.2	474.9
#2	9929.	5045.	5036.	9958.	5039.	994.3	475.7
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				11050.	5525.	1104.	552.5
Low				8951.	4475.	896.0	447.5

Elem	Mo2020	Sn1899	Sr4215	Ti3349	□□Analysis Report
05/13/09	08:17:48 PM		page 62		

Units	ppb	ppb	ppb	ppb
Avge	2435.	1001.	4916.	9995.
SDev	3.	.	4.	3.
%RSD	.1136	.0314	.0723	.0257
#1	2437.	1001.	4914.	9993.
#2	2433.	1001.	4919.	9997.
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	2760.	1104.	5520.	11040.
Low	2239.	896.0	4478.	8960.

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1017	--	--	--	--	--	--
SDev	.8166859	--	--	--	--	--	--
%RSD	.0803235	--	--	--	--	--	--
#1	1017	--	--	--	--	--	--
#2	1016	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 05/13/09 20:17:51
Comment: 8217
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	80.45	-.4972	-.3698	-.1670	-.5795	-.1723	10.08
SDev	1.16	2.5861	2.4424	.0845	.0174	.1584	4.89
%RSD	1.447	520.2	660.5	50.57	3.007	91.94	48.54
#1	81.27	-2.326	-2.097	-.2268	-.5918	-.2843	13.54
#2	79.63	1.332	1.357	-.1073	-.5671	-.0603	6.621
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	100.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-100.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg2790	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0945	-.2527	-1.440	-.0434	16.30	-.0544	.1635
SDev	1.166	.3501	.254	24.846	4.12	.1608	1.615
%RSD	1234.	138.5	17.63	57220.	25.27	295.8	987.8

#1	-.7300	-.5002	-1.619	-17.61	13.39	-.1681	-.9788
#2	.9190	-.0051	-1.260	17.53	19.21	.0593	1.306
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	2203/1
Units	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-67.03	-.1467	101.8	4.608	4.365	.0520	4.043

SDev	2.72	.2419	15.4	.527	.432	.8191	7.769
%RSD	4.051	164.9	15.17	11.43	9.894	1574.	192.2
#1	-68.95	-.3178	90.86	4.980	4.059	-.5272	9.536
#2	-65.11	.0243	112.7	4.236	4.670	.6312	-1.451
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	3000.	10.00	3000.	10.00	20.00	30.00	
Low	-3000.	-10.00	-3000.	-10.00	-20.00	-30.00	
Elem	2203/2	1960/1	1960/2	Pb2203	Se1960	B_2496	La3988
Units				ppb	ppb	ppb	ppb
Avge	.2767	-2.950	1.516	1.534	.0297	.9699	.4834
SDev	.5571	.827	2.314	2.216	1.268	1.128	1.715
%RSD	201.4	28.03	152.7	144.5	4266.	116.3	354.9
#1	-.1173	-2.365	-.1209	3.100	-.8672	.1725	-.7297
#2	.6706	-3.534	3.152	-.0330	.9266	1.767	1.696
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.000	5.000	50.00	10.00
Low				-5.000	-5.000	-50.00	-5.000

Elem	Mo2020	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.5072	-.8064	-.1140	.4613
SDev	.8612	.4532	.0099	.2788
%RSD	169.8	56.20	8.687	60.44
#1	-.1018	-1.127	-.1210	.2642
#2	1.116	-.4859	-.1070	.6584
Errors	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	50.00	50.00	20.00
Low	-20.00	-50.00	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1039	--	--	--	--	--	--
SDev	1.376752	--	--	--	--	--	--
%RSD	.1324963	--	--	--	--	--	--
#1	1038	--	--	--	--	--	--
#2	1040	--	--	--	--	--	--

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		11:17:25 13 May 09		HG
Hg	.000	ppb	136					
*** Standard: 2 Rep: 1				Seq: 2		11:19:10 13 May 09		HG
Hg	.100	ppb	340					
*** Standard: 3 Rep: 1				Seq: 3		11:20:54 13 May 09		HG
Hg	1.00	ppb	3274					
*** Standard: 4 Rep: 1				Seq: 4		11:22:48 13 May 09		HG
Hg	2.00	ppb	6260					
*** Standard: 5 Rep: 1				Seq: 5		11:24:32 13 May 09		HG
Hg	5.00	ppb	15840					
*** Standard: 6 Rep: 1				Seq: 6		11:26:33 13 May 09		HG
Hg	10.0	ppb	31282					

*** Check Standard: 3 Ck3ACCV1 Seq: 7 11:28:28 13 May 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.8	4.94	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 8 11:30:14 13 May 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.041	.200	ppb	.000

*** Check Standard: 2 Ck2AICV Seq: 9 11:32:02 13 May 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.02	5.00	ppb	.000

*** Sample ID: mb 460-6217/9-a				Seq: 10		11:33:46 13 May 09		HG
Hg	-.030	ppb	.000	-.030				
*** Sample ID: lcs 460-6217/10-a				Seq: 11		11:35:41 13 May 09		HG
Hg	1.02	ppb	.000	1.02				
*** Sample ID: 460-1570-c-1-e				Seq: 12		11:37:30 13 May 09		HG
Hg	.404	ppb	.000	.404				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 460-1570-c-1-f du				Seq: 13		11:39:18 13 May 09		HG
Hg	.398	ppb	.000	.398				

*** Sample ID: Seq: 14 11:41:43 13 May 09 HG
460-1570-c-1-g ms
Hg 1.49 ppb .000 1.49

*** Sample ID: Seq: 15 11:43:48 13 May 09 HG
460-1628-f-1-a
Hg .003 ppb .000 .003

*** Sample ID: Seq: 16 11:46:05 13 May 09 HG
460-1629-f-1-a
Hg .195 ppb .000 .195

*** Sample ID: Seq: 17 11:47:49 13 May 09 HG
460-1508-e-1-a
Hg -.012 ppb .000 -.012

*** Sample ID: Seq: 18 11:49:44 13 May 09 HG
460-1508-h-2-b
Hg -.002 ppb .000 -.002

*** Sample ID: Seq: 19 11:51:31 13 May 09 HG
460-1570-c-2-b
Hg .034 ppb .000 .034

*** Check Standard: 4 Ck4ACCV Seq: 20 11:53:30 13 May 09 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 105. 5.27 5.00 ppb .000

*** Check Standard: 1 Ck1CCB Seq: 21 11:56:16 13 May 09 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.008 .200 ppb .000

*** Sample ID: Seq: 22 11:58:03 13 May 09 HG
460-1570-c-3-b
Hg -.012 ppb .000 -.012

*** Sample ID: Seq: 23 11:59:46 13 May 09 HG
460-1570-c-4-b
Hg -.022 ppb .000 -.022

*** Sample ID: Seq: 24 12:02:39 13 May 09 HG
460-1570-c-5-a
Hg -.026 ppb .000 -.026

Folder: 6217HG1 Page 1324
Protocol: 245_7470
POST-RUN REPORT
Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 25 12:04:23 13 May 09 HG
460-1619-g-2-a
Hg .000 ppb .000 .000

*** Sample ID: Seq: 26 12:06:47 13 May 09 HG
460-1633-g-1-a
Hg -.005 ppb .000 -.005

*** Sample ID: Seq: 27 12:08:36 13 May 09 HG
460-1633-g-2-a
Hg -.012 ppb .000 -.012

*** Sample ID: Seq: 28 12:11:04 13 May 09 HG
460-1633-g-3-a

```
Hg   -.008    ppb       .000     -.008

*** Sample ID:                        Seq:  29     12:13:08 13 May 09   HG
                          460-1633-g-4-a
Hg   -.003    ppb       .000     -.003

*** Sample ID:                        Seq:  30     12:15:35 13 May 09   HG
                          460-1633-g-5-a
Hg    .012    ppb       .000      .012

*** Check Standard: 4  Ck4ACCV      Seq:  31      12:17:20 13 May 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          107.     5.34    5.00   ppb        .000

*** Check Standard: 1  Ck1CCB       Seq:  32      12:19:19 13 May 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.018     .200     ppb        .000
```

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		11:17:25 13 May 09	HG	
Hg	.000	ppb	136					
*** Standard: 2 Rep: 1				Seq: 2		11:19:10 13 May 09	HG	
Hg	.100	ppb	340					
*** Standard: 3 Rep: 1				Seq: 3		11:20:54 13 May 09	HG	
Hg	1.00	ppb	3274					
*** Standard: 4 Rep: 1				Seq: 4		11:22:48 13 May 09	HG	
Hg	2.00	ppb	6260					
*** Standard: 5 Rep: 1				Seq: 5		11:24:32 13 May 09	HG	
Hg	5.00	ppb	15840					
*** Standard: 6 Rep: 1				Seq: 6		11:26:33 13 May 09	HG	
Hg	10.0	ppb	31282					
*** Check Standard: 3			Ck3ACCV1	Seq: 7		11:28:28 13 May 09	HG	
Line Flag			Intensities					
Hg			15524					
*** Check Standard: 1			Ck1CCB	Seq: 8		11:30:14 13 May 09	HG	
Line Flag			Intensities					
Hg			-26					
*** Check Standard: 2			Ck2AICV	Seq: 9		11:32:02 13 May 09	HG	
Line Flag			Intensities					
Hg			15765					
*** Sample ID:				Seq: 10		11:33:46 13 May 09	HG	
				mb 460-6217/9-a				
Hg	-.030	ppb	8					
*** Sample ID:				Seq: 11		11:35:41 13 May 09	HG	
				lcs 460-6217/10-a				
Hg	1.02	ppb	3286					
*** Sample ID:				Seq: 12		11:37:30 13 May 09	HG	
				460-1570-c-1-e				
Hg	.404	ppb	1361					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 13		11:39:18 13 May 09	HG	
				460-1570-c-1-f du				
Hg	.398	ppb	1342					

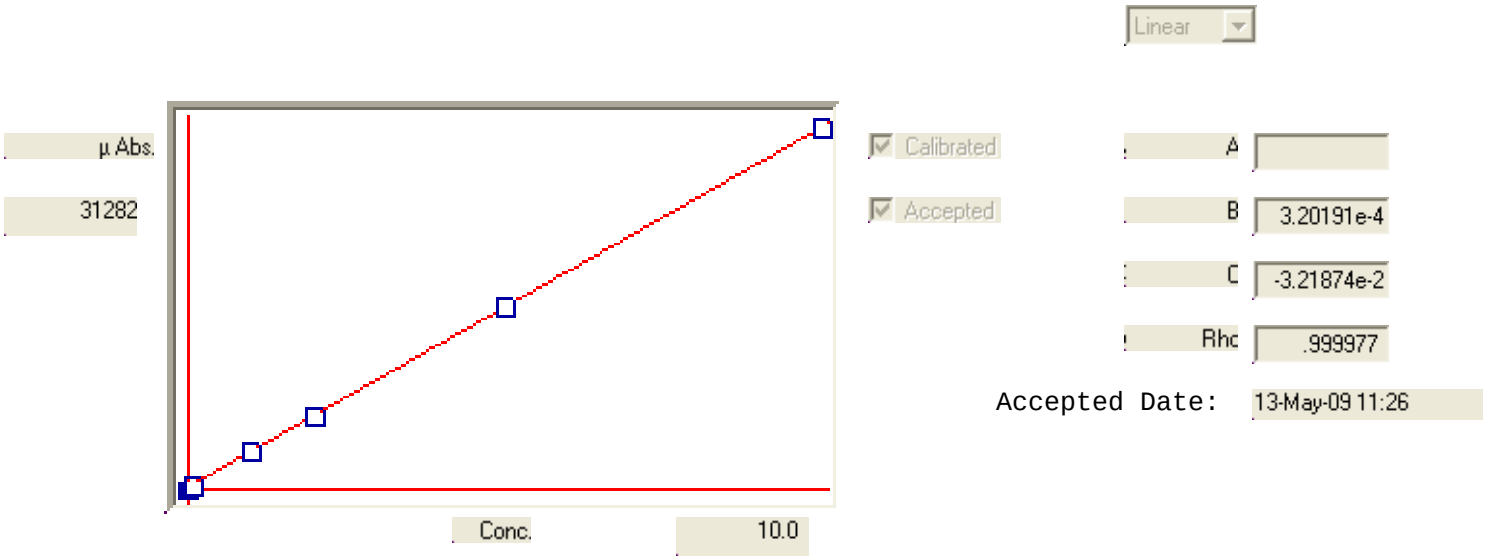
```
*** Sample ID:                        Seq:  14     11:41:43 13 May 09   HG
                          460-1570-c-1-g ms
Hg    1.49    ppb      4764

*** Sample ID:                        Seq:  15     11:43:48 13 May 09   HG
                          460-1628-f-1-a
Hg    .003    ppb      111

*** Sample ID:                        Seq:  16     11:46:05 13 May 09   HG
                          460-1629-f-1-a
Hg    .195    ppb      709

*** Sample ID:                        Seq:  17     11:47:49 13 May 09   HG
                          460-1508-e-1-a
Hg   -.012    ppb      63

*** Sample ID:                        Seq:  18     11:49:44 13 May 09   HG
                          460-1508-h-2-b
Hg   -.002    ppb      95

*** Sample ID:                        Seq:  19     11:51:31 13 May 09   HG
                          460-1570-c-2-b
Hg    .034    ppb      206

*** Check Standard: 4  Ck4ACCV      Seq:  20      11:53:30 13 May 09   HG
Line  Flag             Intensities
Hg                     16560

*** Check Standard: 1  Ck1CCB       Seq:  21      11:56:16 13 May 09   HG
Line  Flag             Intensities
Hg                     74

*** Sample ID:                        Seq:  22     11:58:03 13 May 09   HG
                          460-1570-c-3-b
Hg   -.012    ppb      64

*** Sample ID:                        Seq:  23     11:59:46 13 May 09   HG
                          460-1570-c-4-b
Hg   -.022    ppb      31

*** Sample ID:                        Seq:  24     12:02:39 13 May 09   HG
                          460-1570-c-5-a
Hg   -.026    ppb      19
```



```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------

*** Sample ID:                        Seq:  25     12:04:23 13 May 09   HG
                          460-1619-g-2-a
Hg    .000    ppb      101

*** Sample ID:                        Seq:  26     12:06:47 13 May 09   HG
                          460-1633-g-1-a
Hg   -.005    ppb      84

*** Sample ID:                        Seq:  27     12:08:36 13 May 09   HG
                          460-1633-g-2-a
Hg   -.012    ppb      63

*** Sample ID:                        Seq:  28     12:11:04 13 May 09   HG
                          460-1633-g-3-a
```

```
Hg   -.008    ppb      76

*** Sample ID:                    Seq:  29     12:13:08 13 May 09   HG
                        460-1633-g-4-a
Hg   -.003    ppb      90

*** Sample ID:                    Seq:  30     12:15:35 13 May 09   HG
                        460-1633-g-5-a
Hg    .012    ppb      137

*** Check Standard: 4  Ck4ACCV      Seq:  31     12:17:20 13 May 09   HG
Line  Flag             Intensities
Hg                     16766

*** Check Standard: 1  Ck1CCB       Seq:  32     12:19:19 13 May 09   HG
Line  Flag             Intensities
Hg                     43
```

Protocol: 245_7470



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.011	.011	137	1	136				
02	.10000	.077	-.023	340	0%	340				
03	1.0000	1.02	.016	3274	0%	3274				
04	2.0000	1.97	-.028	6260	0%	6260				
05	5.0000	5.04	.040	15840	0%	15840				
06	10.000	9.98	-.016	31283	0%	31282				
07										
08										
09										
10										

Metals Worksheet

Batch Number: 460-6076
Method: 3010A
Analyst: Yang, Qin

Date Open: May 12 2009 9:57AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00012
MB~460-6076/1		3010A, 6010B		100 mL	100 mL	
LCS~460-6076/2		3010A, 6010B		100 mL	100 mL	2 mL
460-1520-E-13	DDGP08-12	3010A, 6010B	T	100 mL	100 mL	
460-1520-E-13~DU			T	100 mL	100 mL	
460-1520-C-13~MS	DDGP08-12		T	100 mL	100 mL	2 mL
460-1570-C-1	GW-017338-050809-ACH-001	3010A, 6010B	T	100 mL	100 mL	
460-1570-C-1~DU		3010A, 6010B	T	100 mL	100 mL	
460-1570-C-1~MS	GW-017338-050809-ACH-001	3010A, 6010B	T	100 mL	100 mL	2 mL
460-1509-I-5	HDLGPMW1-GW-1		D	100 mL	100 mL	
460-1520-E-1	DDGP12-31		T	100 mL	100 mL	
460-1520-E-13	DDGP08-12		T	100 mL	100 mL	
460-1520-F-16	DDGP19-12		T	100 mL	100 mL	
460-1520-F-17	DDGP26-12		T	100 mL	100 mL	
460-1520-F-18	DDGP06-52		T	100 mL	100 mL	
460-1520-F-21	DDGP06-22		T	100 mL	100 mL	
460-1520-F-22	DDGP06-12		T	100 mL	100 mL	
460-1520-F-25	DDGP16-12		T	100 mL	100 mL	
460-1520-F-3	DDGP12-11		T	100 mL	100 mL	
460-1520-F-4	DDGP14-32		T	100 mL	100 mL	
460-1520-F-6	DDGP14-12		T	100 mL	100 mL	
460-1520-F-7	DDGP10-32		T	100 mL	100 mL	
460-1520-F-9	DDGP10-12		T	100 mL	100 mL	
460-1570-C-1	GW-017338-050809-ACH-001		T	100 mL	100 mL	
460-1570-C-2	GW-017338-050809-ACH-002	3010A, 6010B	T	100 mL	100 mL	
460-1570-C-3	GW-017338-050809-ACH-003	3010A, 6010B	T	100 mL	100 mL	

Metals Worksheet

Batch Number: 460-6076
Method: 3010A
Analyst: Yang, Qin

Date Open: May 12 2009 9:57AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00012
460-1570-C-4	GW-017338-050809-ACH-004	3010A, 6010B	T	100 mL	100 mL	

Lot # of hydrochloric acid:	G49A25
Lot # of Nitric Acid:	G17026
DigestionTubes:	A811LS095
Hot Block ID number:	5
ID number of the thermometer:	2
Oven, Bath or Block Temperature 1:	95 Degrees C
First Start time:	9:00
First End time:	1:30

Metals Worksheet

Batch Number: 460-6076
Method: 3010A
Analyst: Yang, Qin

Date Open: May 12 2009 9:57AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-6076/1		3010A, 6010B		
LCS~460-6076/2		3010A, 6010B		
460-1520-E-13	DDGP08-12	3010A, 6010B	T	
460-1520-E-13~DU			T	
460-1520-C-13~MS	DDGP08-12		T	
460-1570-C-1	GW-017338-050809-ACH-001	3010A, 6010B	T	
460-1570-C-1~DU		3010A, 6010B	T	
460-1570-C-1~MS	GW-017338-050809-ACH-001	3010A, 6010B	T	
460-1509-I-5	HDLGPMW1-GW-1		D	
460-1520-E-1	DDGP12-31		T	
460-1520-E-13	DDGP08-12		T	
460-1520-F-16	DDGP19-12		T	
460-1520-F-17	DDGP26-12		T	
460-1520-F-18	DDGP06-52		T	
460-1520-F-21	DDGP06-22		T	
460-1520-F-22	DDGP06-12		T	
460-1520-F-25	DDGP16-12		T	
460-1520-F-3	DDGP12-11		T	
460-1520-F-4	DDGP14-32		T	
460-1520-F-6	DDGP14-12		T	
460-1520-F-7	DDGP10-32		T	
460-1520-F-9	DDGP10-12		T	
460-1570-C-1	GW-017338-050809-ACH-001		T	
460-1570-C-2	GW-017338-050809-ACH-002	3010A, 6010B	T	
460-1570-C-3	GW-017338-050809-ACH-003	3010A, 6010B	T	

Metals Worksheet

Batch Number: 460-6076
Method: 3010A
Analyst: Yang, Qin

Date Open: May 12 2009 9:57AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
460-1570-C-4	GW-017338-050809-ACH-004	3010A, 6010B	T	

Batch Comment: 1:1 HCL LOT MPR126

Metals Worksheet

Batch Number: 460-6217
Method: 245.1
Analyst: Staib, Thomas

Date Open: May 13 2009 7:45AM
Batch End: May 13 2009 9:45AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00029	ME_DICV-IN_00028
IC~460-6217/1				100 mL	100 mL		
IC~460-6217/2				100 mL	100 mL	0.1 mL	
IC~460-6217/3				100 mL	100 mL	1 mL	
IC~460-6217/4				100 mL	100 mL	2 mL	
IC~460-6217/5				100 mL	100 mL	5 mL	
IC~460-6217/6				100 mL	100 mL	10 mL	
CCV~460-6217/7		7470A, 7470A		100 mL	100 mL	5 mL	
ICV~460-6217/8		7470A, 7470A		100 mL	100 mL		5 mL
MB~460-6217/9		7470A, 7470A		100 mL	100 mL		
LCS~460-6217/10		7470A, 7470A		100 mL	100 mL	1 mL	
460-1570-C-1	GW-017338-050809-ACH-001	7470A, 7470A	T	100 mL	100 mL		
460-1570-C-1~DU		7470A, 7470A	T	100 mL	100 mL		
460-1570-C-1~MS	GW-017338-050809-ACH-001	7470A, 7470A	T	100 mL	100 mL	1 mL	
460-1628-F-1	EFFLUENT-Comp		T	100 mL	100 mL		
460-1629-F-1	EFFLUENT- Comp		T	100 mL	100 mL		
460-1508-E-1	Outfall 006		T	100 mL	100 mL		
460-1508-H-2	Outfall 005		T	100 mL	100 mL		
460-1570-C-2	GW-017338-050809-ACH-002	7470A, 7470A	T	100 mL	100 mL		
460-1570-C-3	GW-017338-050809-ACH-003	7470A, 7470A	T	100 mL	100 mL		
460-1570-C-4	GW-017338-050809-ACH-004	7470A, 7470A	T	100 mL	100 mL		
460-1570-C-5	GW-017338-050809-ACH-005	7470A, 7470A	T	100 mL	100 mL		
460-1619-G-2	01 Composite		T	100 mL	100 mL		
460-1633-G-1	MW-1A		T	100 mL	100 mL		
460-1633-G-2	MW-1		T	100 mL	100 mL		
460-1633-G-3	MW-7A		T	100 mL	100 mL		

Metals Worksheet

Batch Number: 460-6217
Method: 245.1
Analyst: Staib, Thomas

Date Open: May 13 2009 7:45AM
Batch End: May 13 2009 9:45AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00029	ME_DICV-IN_00028
460-1633-G-4	SB-NW		T	100 mL	100 mL		
460-1633-G-5	MW-6A		T	100 mL	100 mL		

Oven, Bath or Block Temperature 1:	95 Degrees C
Oven, Bath or Block Temperature 2:	95 Degrees C
Hood ID or number:	#2
ID number of the thermometer:	Prep-1
Temperature:	95 Degrees C
Lot # of Nitric Acid:	G17026
Lot # of hydrochloric acid:	HgR01022
Sulfuric Acid Lot Number:	G35029
Potassium Permanganate Lot Number:	HgR01019
Potassium Persulfate Lot Number:	HgR01021
Stannous Chloride Lot Number:	HgR01023
Hydroxylamine Hydrochloride Lot:	G06477
NaCL Lot #:	G28618

Metals Worksheet

Batch Number: 460-6220
Method: 3010A
Analyst: Sanagavarapu, Suguna

Date Open: May 13 2009 9:36AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00013
MB~460-6220/1		3010A, 6010B		100 mL	100 mL	
LCS~460-6220/2		3010A, 6010B		100 mL	100 mL	2 mL
460-1570-C-5	GW-017338-050809-ACH-005	3010A, 6010B	T	100 mL	100 mL	
460-1570-C-5~DU		3010A, 6010B	T	100 mL	100 mL	
460-1570-C-5~MS		3010A, 6010B	T	100 mL	100 mL	2 mL
460-1437-D-1-A	MW-1_20090531		D	100 mL	100 mL	
460-1437-D-11-A	MW-9_20090531		D	100 mL	100 mL	
460-1437-D-12-A	RW-10_20090531		D	100 mL	100 mL	
460-1437-D-13-A	RW-11_20090531		D	100 mL	100 mL	
460-1437-D-3-A	MW-13_20090531		D	100 mL	100 mL	
460-1437-D-6-A	MW-3_20090531		D	100 mL	100 mL	
460-1437-D-7-A	MW-4_20090531		D	100 mL	100 mL	
460-1437-D-9-A	MW-7_20090531		D	100 mL	100 mL	
460-1438-H-7	HDLMW-1S		D	100 mL	100 mL	
460-1462-A-1-A	HCRC-B1W		D	100 mL	100 mL	
460-1462-A-2-A	TOH-B5W		D	100 mL	100 mL	
460-1462-A-3-A	TOH-B8W		D	100 mL	100 mL	
460-1462-A-4-A	TOH-B4W		D	100 mL	100 mL	
460-1462-A-5-A	TOH-B3W		D	100 mL	100 mL	
460-1462-A-6-A	PDS-B2W		D	100 mL	100 mL	
460-1462-A-7-A	CDL8-B1W		D	100 mL	100 mL	
460-1462-A-8-A	CRR-B1W		D	100 mL	100 mL	

Lot # of hydrochloric acid: G39A12
Lot # of Nitric Acid: G17026
DigestionTubes: A811LS095
Oven, Bath or Block Temperature 1: 95 Degrees C

Metals Worksheet

Batch Number: 460-6220
Method: 3010A
Analyst: Sanagavarapu, Suguna

Date Open: May 13 2009 9:36AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-6220/1		3010A, 6010B		
LCS~460-6220/2		3010A, 6010B		
460-1570-C-5	GW-017338-050809-ACH-005	3010A, 6010B	T	
460-1570-C-5~DU		3010A, 6010B	T	
460-1570-C-5~MS		3010A, 6010B	T	
460-1437-D-1-A	MW-1_20090531		D	
460-1437-D-11-A	MW-9_20090531		D	
460-1437-D-12-A	RW-10_20090531		D	
460-1437-D-13-A	RW-11_20090531		D	
460-1437-D-3-A	MW-13_20090531		D	
460-1437-D-6-A	MW-3_20090531		D	
460-1437-D-7-A	MW-4_20090531		D	
460-1437-D-9-A	MW-7_20090531		D	
460-1438-H-7	HDLMW-1S		D	
460-1462-A-1-A	HCRC-B1W		D	
460-1462-A-2-A	TOH-B5W		D	
460-1462-A-3-A	TOH-B8W		D	
460-1462-A-4-A	TOH-B4W		D	
460-1462-A-5-A	TOH-B3W		D	
460-1462-A-6-A	PDS-B2W		D	
460-1462-A-7-A	CDL8-B1W		D	
460-1462-A-8-A	CRR-B1W		D	

Batch Comment: 1:1HCL-MPR126

Shipping and Receiving Documents

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

ID # Nº 09626

SSOW Ref. Code:

Required Client Information:

Company: CRA	Report To: Sue Scrocchi
Address: 261 Martindale Rd Unit 3 St. Catharines ON L2W1A2	Copy To: Greg Carli
	Invoice To: Darla Stewart
	P.O.: 4006278
Phone: 905 682 0510	Project Name: GM Wilmington
Fax:	Project Number: 017338
E-mail:	

Laboratory: Test America	
Laboratory Location: Edison NJ	
Laboratory Contact: Jay Kelly	
Requested Due Date:	TAT: Standard
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: VOC's	SVOC's	Metals	Remarks/Lab ID
1. GW-017338-050809-ACH-001	GW	05/08/09	1020	10	X	X		X			X	X	X	MS/MSD
2. GW-017338-050809-ACH-002	GW	05/08/09	1140	6	X	X		X			X	X	X	2
3. GW-017338-050809-ACH-003	GW	05/08/09	1245	6	X	X		X			X	X	X	3
4. GW-017338-050809-ACH-004	GW	05/08/09	1250	6	X	X		X			X	X	X	4
5. EB-017338-050809-ACH-005	EB	05/08/09	1315	6	X	X		X			X	X	X	5
6. TB-017338-050809-ACH-001	TB	05/08/09	—	12		X					X			6
7.														
8.														
9.														
10.														
11.														
12.														
13.														
14.														
15.														
TOTAL NUMBER OF CONTAINERS														

1570

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Courier	2	Amanda Hunter	05/08/09	13:30	Test America	5/8/09	13:30
AIRBILL NO.		Test America	5/8/09	15:20		5/8	1900
			5/8	2000		5	

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Amanda Hunter

Sampler Signature: Amanda Hunter Date: 05/08/09

2/2 #98

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

06/03/2009

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-1570-1

Login Number: 1570

List Source: TestAmerica Edison

Creator: Hernandez, Baltazar

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	False	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2°C, 2°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	2 Amber Liter containers & 1 plastic 500 HNO3 of sample 1 are labeled ACH 000.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-4835-1

Job Description: GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304

Attention: Ms. Sue Scrocchi

Joy Kelly

Approved for release.
Joy Kelly
Project Manager II
9/2/2009 5:40 PM

Joy Kelly
Project Manager II
joy.kelly@testamericainc.com
09/02/2009

cc: Mr. Greg Carli

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Table of Contents

Cover Title Page 1

Data Summaries 5

Report Narrative 5

Sample Summary 8

Executive Summary 9

Method Summary 21

Method / Analyst Summary 22

Sample Datasheets 23

Surrogate Summary 109

QC Data Summary 114

Data Qualifiers 188

QC Association Summary 189

Lab Chronicle 196

Organic Sample Data 206

GC/MS VOA 206

Method 8260B 206

Method 8260B QC Summary 207

Method 8260B Sample Data 267

Standards Data 517

Method 8260B ICAL Data 517

Method 8260B CCAL Data 599

Raw QC Data 644

Method 8260B Tune Data 644

Method 8260B Blank Data 676

Method 8260B LCS/LCSD Data 700

Method 8260B MS/MSD Data 746

Table of Contents

Method 8260B Run Logs 830

GC/MS Semi VOA 855

Method 8270C 855

Method 8270C QC Summary 856

Method 8270C Sample Data 879

Standards Data 985

Method 8270C ICAL Data 985

Method 8270C CCAL Data 1057

Raw QC Data 1071

Method 8270C Tune Data 1071

Method 8270C Blank Data 1087

Method 8270C LCS/LCSD Data 1099

Method 8270C MS/MSD Data 1120

Method 8270C Run Logs 1135

Method 8270C Prep Data 1147

Inorganic Sample Data 1153

Metals Data 1153

Met Cover Page 1154

Met Sample Data 1155

Met QC Data 1170

Met ICV/CCV 1170

Met Blanks 1177

Met ICSA/ICSAB 1184

Met MS/MSD/PDS 1192

Met Duplicates 1194

Met LCS/LCSD 1196

Table of Contents

Met Serial Dilution 1199

Met MDL 1200

Met IECF 1202

Met Linear Ranges 1206

Met Preparation Log 1207

Met Analysis Run Log 1210

Met Raw Data 1219

Met Prep Data 1349

Shipping and Receiving Documents 1357

Client Chain of Custody 1358

Sample Receipt Checklist 1360

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: GM Wilmington

Report Number: 460-4835-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 08/18/2009 and 08/19/2009; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.0 and 3.0 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-4869-1 through 460-4869-5 and 460-4869-7 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. Samples 460-4835-1 through 460-4835-8 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 08/21/2009 and analyzed on 08/21/2009 and 08/24/2009.

Sample 460-4869-7(3X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Due to the high concentration of ailuminum, iron, the matrix spike (MS) for batch 14861 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses. No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits. All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-4869-1 through 460-4869-5 and 460-4869-7 were analyzed for total mercury in accordance with EPA SW-846 Method 7470A. Samples 460-4835-1 through 460-4835-8 were analyzed for total mercury in accordance with EPA SW-846 Method 7470A. The samples were prepared on 08/23/2009 and 08/24/2009 and analyzed on 08/24/2009.

The matrix duplicate %RPD was outside the control limits.

No difficulties were encountered during the mercury analyses. No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits. All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-4835-1 through 460-4835-9 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. Samples 460-4869-1 through 460-4869-5, 460-4869-7 and 460-4869-8 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/21/2009, 08/24/2009, 08/26/2009,

08/27/2009, 08/28/2009 and 08/31/2009.

Toluene failed the recovery criteria low for the MS of sample 460-4869-4 in batch 460-15029 due to the high sample concentration relative to the spike amount. The associated laboratory control sample (LCS) met acceptance criteria. .

Chlorobenzene failed the recovery criteria high for the MS of sample 460-5002-21 in batch 460-15569. The associated laboratory control sample (LCS) met acceptance criteria.

Dichlorodifluoromethane failed the recovery criteria low for the MS/MSD of sample 460-5074-1 in batch 460-15423. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Samples 460-4869-1(5X), 460-4869-2(5X), 460-4869-4(25X), 460-4869-4(5X), 460-4869-5(10X), 460-4869-5(2X), 460-4869-6(5X), 460-4869-7(10X), 460-4869-7(100X), 460-4869-7(1000X) and 460-4869-7(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Due to the high concentration of Ethylbenzene and Total Xylenes, the matrix spike / matrix spike duplicate (MS/MSD) for batch 14918 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

The following sample(s) was diluted due to the abundance of target analyte(s): GW-017338-081909-ACH-09 (460-4869-1), GW-017338-081909-ACH-10 (460-4869-2). Elevated reporting limits (RLs) are provided.

The matrix spike (MS) recovery of cis-1,3 Dichloropropene in batch 15245 was outside control limits. The matrix spike duplicate (MSD) recoveries for 2-Butanone and 4-Methyl-2-Pentanone were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

No other difficulties were encountered during the volatiles analyses. No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits. All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-4835-1 through 460-4835-8 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. Samples 460-4869-1 through 460-4869-5 and 460-4869-7 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 08/20/2009 and analyzed on 08/21/2009, 08/22/2009 and 08/31/2009.

2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-4869-4. 2-Fluorophenol failed the surrogate recovery criteria low for 460-4869-7. 2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-4869-4MS. 2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-4869-4MSD. The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

3,3'-Dichlorobenzidine and 3-Nitroaniline failed the recovery criteria high for LCS 460-14834/2-A. 3,3'-Dichlorobenzidine and Benzaldehyde failed the recovery criteria high for LCS 460-15687/2-A. 3,3'-Dichlorobenzidine and Benzaldehyde failed the recovery criteria high for LCSD 460-15687/3-A. Refer to the QC report for details.

2,4-Dinitrophenol, Di-n-octyl phthalate, Hexachlorocyclopentadiene and Pentachlorophenol failed the recovery criteria low for the MS of sample 460-4869-4 in batch 460-15714. Acetophenone, Benzaldehyde, Hexachloroethane and Naphthalene failed the recovery criteria high.

2,4-Dinitrophenol, Hexachlorocyclopentadiene and Pentachlorophenol failed the recovery criteria low for the MSD of sample 460-4869-4 in batch 460-14918. Acetophenone, Benzaldehyde, Hexachloroethane and Naphthalene failed the recovery criteria high.

Sample 460-4869-4(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Surrogate recovery for the following sample was outside control limits in analytical batch 15714 : RB-017338-081909-ACH-14 (460-4869-6). Re-extraction was performed outside of holding time with acceptable results.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses. No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits. All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-4835-1	GW-017338-081709-ACH-01	Water	08/17/2009 1330	08/18/2009 1845
460-4835-2	GW-017338-081709-ACH-02	Water	08/17/2009 1430	08/18/2009 1845
460-4835-3	GW-017338-081709-ACH-03	Water	08/17/2009 1540	08/18/2009 1845
460-4835-4	GW-017338-081809-ACH-04	Water	08/18/2009 0930	08/18/2009 1845
460-4835-5	GW-017338-081809-ACH-05	Water	08/18/2009 1030	08/18/2009 1845
460-4835-6	GW-017338-081809-ACH-06	Water	08/18/2009 1140	08/18/2009 1845
460-4835-7	GW-017338-081809-ACH-07	Water	08/18/2009 1340	08/18/2009 1845
460-4835-8	GW-017338-081809-ACH-08	Water	08/18/2009 1450	08/18/2009 1845
460-4835-9TB	TB-017338-081809-ACH-001	Water	08/18/2009 0000	08/18/2009 1845
460-4869-1	GW-017338-081909-ACH-09	Water	08/19/2009 0900	08/19/2009 1911
460-4869-2	GW-017338-081909-ACH-10	Water	08/19/2009 0915	08/19/2009 1911
460-4869-3	GW-017338-081909-ACH-11	Water	08/19/2009 1030	08/19/2009 1911
460-4869-4	GW-017338-081909-ACH-12	Water	08/19/2009 1145	08/19/2009 1911
460-4869-4DU	GW-017338-081909-ACH-12	Water	08/19/2009 1145	08/19/2009 1911
460-4869-4MS	GW-017338-081909-ACH-12	Water	08/19/2009 1145	08/19/2009 1911
460-4869-4MSD	GW-017338-081909-ACH-12	Water	08/19/2009 1145	08/19/2009 1911
460-4869-5	GW-017338-081909-ACH-13	Water	08/19/2009 1400	08/19/2009 1911
460-4869-6RB	RB-017338-081909-ACH-14	Water	08/19/2009 1430	08/19/2009 1911
460-4869-7	GW-017338-081909-ACH-15	Water	08/19/2009 1530	08/19/2009 1911
460-4869-8TB	TB-017338-081909-ACH-002	Water	08/19/2009 0000	08/19/2009 1911

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4835-1	**GW-017338-081709-ACH-01**					
Tetrachloroethene		0.32	J	1.0	ug/L	8260B
Aluminum		1390		200	ug/L	6010B
Barium		220		200	ug/L	6010B
Calcium		55100		5000	ug/L	6010B
Iron		4220		150	ug/L	6010B
Magnesium		27500		5000	ug/L	6010B
Manganese		536		15.0	ug/L	6010B
Potassium		8400		5000	ug/L	6010B
Sodium		145000		5000	ug/L	6010B
Zinc		8.0	J	30.0	ug/L	6010B
Mercury		0.44		0.20	ug/L	7470A
460-4835-2	**GW-017338-081709-ACH-02**					
Carbon disulfide		0.29	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260B
Trichloroethene		0.38	J	1.0	ug/L	8260B
Aluminum		12500		200	ug/L	6010B
Barium		176	J	200	ug/L	6010B
Calcium		32100		5000	ug/L	6010B
Chromium		14.5		10.0	ug/L	6010B
Cobalt		3.1	J	50.0	ug/L	6010B
Copper		31.2		25.0	ug/L	6010B
Iron		8460		150	ug/L	6010B
Lead		7.7		5.0	ug/L	6010B
Magnesium		8880		5000	ug/L	6010B
Manganese		264		15.0	ug/L	6010B
Nickel		7.8	J	40.0	ug/L	6010B
Potassium		4830	J	5000	ug/L	6010B
Silver		1.1	J	10.0	ug/L	6010B
Sodium		66600		5000	ug/L	6010B
Vanadium		26.5	J	50.0	ug/L	6010B
Zinc		30.3		30.0	ug/L	6010B
Mercury		0.22		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4835-3	**GW-017338-081709-ACH-03**					
Chloroform		5.3		1.0	ug/L	8260B
Tetrachloroethene		0.31	J	1.0	ug/L	8260B
Aluminum		2710		200	ug/L	6010B
Barium		207		200	ug/L	6010B
Calcium		14600		5000	ug/L	6010B
Chromium		3.6	J	10.0	ug/L	6010B
Cobalt		8.6	J	50.0	ug/L	6010B
Iron		9210		150	ug/L	6010B
Magnesium		10600		5000	ug/L	6010B
Manganese		167		15.0	ug/L	6010B
Nickel		3.6	J	40.0	ug/L	6010B
Potassium		2450	J	5000	ug/L	6010B
Silver		1.5	J	10.0	ug/L	6010B
Sodium		62300		5000	ug/L	6010B
Vanadium		4.4	J	50.0	ug/L	6010B
Zinc		9.7	J	30.0	ug/L	6010B
460-4835-4	**GW-017338-081809-ACH-04**					
MTBE		1.8		1.0	ug/L	8260B
Cyclohexane		0.64	J	1.0	ug/L	8260B
Methylcyclohexane		0.77	J	1.0	ug/L	8260B
Benzene		0.49	J	1.0	ug/L	8260B
Isopropylbenzene		4.4		1.0	ug/L	8260B
Ethylbenzene		5.8		1.0	ug/L	8260B
Xylenes, Total		13		3.0	ug/L	8260B
Aluminum		3710		200	ug/L	6010B
Barium		363		200	ug/L	6010B
Calcium		44100		5000	ug/L	6010B
Chromium		4.7	J	10.0	ug/L	6010B
Copper		35.5		25.0	ug/L	6010B
Iron		30300		150	ug/L	6010B
Magnesium		27400		5000	ug/L	6010B
Manganese		423		15.0	ug/L	6010B
Nickel		6.4	J	40.0	ug/L	6010B
Potassium		5640		5000	ug/L	6010B
Silver		7.7	J	10.0	ug/L	6010B
Sodium		81400		5000	ug/L	6010B
Vanadium		6.8	J	50.0	ug/L	6010B
Zinc		26.0	J	30.0	ug/L	6010B
Mercury		0.28		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4835-5	**GW-017338-081809-ACH-05**					
MTBE		7.1		1.0	ug/L	8260B
Cyclohexane		2.1		1.0	ug/L	8260B
Methylcyclohexane		7.2		1.0	ug/L	8260B
Benzene		3.7		1.0	ug/L	8260B
Isopropylbenzene		7.1		1.0	ug/L	8260B
Toluene		0.30	J	1.0	ug/L	8260B
Chlorobenzene		2.0		1.0	ug/L	8260B
Ethylbenzene		0.43	J	1.0	ug/L	8260B
Xylenes, Total		18		3.0	ug/L	8260B
Naphthalene		83		11	ug/L	8270C
Aluminum		6530		200	ug/L	6010B
Barium		614		200	ug/L	6010B
Calcium		61300		5000	ug/L	6010B
Chromium		5.8	J	10.0	ug/L	6010B
Cobalt		21.5	J	50.0	ug/L	6010B
Copper		31.3		25.0	ug/L	6010B
Iron		87500		150	ug/L	6010B
Magnesium		42000		5000	ug/L	6010B
Manganese		2070		15.0	ug/L	6010B
Nickel		5.5	J	40.0	ug/L	6010B
Potassium		3760	J	5000	ug/L	6010B
Sodium		101000		5000	ug/L	6010B
Vanadium		8.5	J	50.0	ug/L	6010B
Zinc		8.9	J	30.0	ug/L	6010B
Mercury		0.33		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4835-6	**GW-017338-081809-ACH-06**					
MTBE		0.28	J	1.0	ug/L	8260B
Cyclohexane		10		1.0	ug/L	8260B
Methylcyclohexane		20		1.0	ug/L	8260B
Benzene		12		1.0	ug/L	8260B
Isopropylbenzene		85		1.0	ug/L	8260B
Toluene		270		1.0	ug/L	8260B
Chlorobenzene		0.51	J	1.0	ug/L	8260B
Ethylbenzene		490		5.0	ug/L	8260B
Xylenes, Total		1300		15	ug/L	8260B
1,4-Dichlorobenzene		0.27	J	1.0	ug/L	8260B
Aluminum		5920		200	ug/L	6010B
Barium		431		200	ug/L	6010B
Calcium		35400		5000	ug/L	6010B
Chromium		8.4	J	10.0	ug/L	6010B
Cobalt		9.2	J	50.0	ug/L	6010B
Copper		32.7		25.0	ug/L	6010B
Iron		26500		150	ug/L	6010B
Magnesium		28400		5000	ug/L	6010B
Manganese		1320		15.0	ug/L	6010B
Nickel		6.5	J	40.0	ug/L	6010B
Potassium		4300	J	5000	ug/L	6010B
Sodium		70800		5000	ug/L	6010B
Vanadium		11.8	J	50.0	ug/L	6010B
Zinc		19.7	J	30.0	ug/L	6010B
Mercury		0.50		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4835-7	**GW-017338-081809-ACH-07**					
Cyclohexane		3.7		2.0	ug/L	8260B
Methylcyclohexane		11		2.0	ug/L	8260B
Benzene		3.0		2.0	ug/L	8260B
Isopropylbenzene		93		2.0	ug/L	8260B
Toluene		3400		10	ug/L	8260B
Ethylbenzene		1100		10	ug/L	8260B
Xylenes, Total		2200		6.0	ug/L	8260B
2-Methylphenol		9.7	J	10	ug/L	8270C
4-Methylphenol		10		10	ug/L	8270C
Aluminum		9250		200	ug/L	6010B
Arsenic		21.5		5.0	ug/L	6010B
Barium		644		200	ug/L	6010B
Calcium		62700		5000	ug/L	6010B
Chromium		9.0	J	10.0	ug/L	6010B
Cobalt		6.4	J	50.0	ug/L	6010B
Copper		25.7		25.0	ug/L	6010B
Iron		31400		150	ug/L	6010B
Magnesium		23200		5000	ug/L	6010B
Manganese		758		15.0	ug/L	6010B
Nickel		6.9	J	40.0	ug/L	6010B
Potassium		14800		5000	ug/L	6010B
Silver		1.5	J	10.0	ug/L	6010B
Sodium		180000		5000	ug/L	6010B
Vanadium		12.2	J	50.0	ug/L	6010B
Zinc		21.1	J	30.0	ug/L	6010B
Mercury		0.28		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4835-8	**GW-017338-081809-ACH-08**					
Vinyl chloride		0.80	J	1.0	ug/L	8260B
MTBE		46		1.0	ug/L	8260B
Cyclohexane		6.7		1.0	ug/L	8260B
Methylcyclohexane		12		1.0	ug/L	8260B
Benzene		270		1.0	ug/L	8260B
Isopropylbenzene		79		1.0	ug/L	8260B
Toluene		53		1.0	ug/L	8260B
Ethylbenzene		34		1.0	ug/L	8260B
Xylenes, Total		190		3.0	ug/L	8260B
Naphthalene		33		10	ug/L	8270C
Aluminum		14500		200	ug/L	6010B
Arsenic		10.3		5.0	ug/L	6010B
Barium		197	J	200	ug/L	6010B
Calcium		32200		5000	ug/L	6010B
Chromium		27.1		10.0	ug/L	6010B
Cobalt		4.1	J	50.0	ug/L	6010B
Copper		48.1		25.0	ug/L	6010B
Iron		60000		150	ug/L	6010B
Lead		51.4		5.0	ug/L	6010B
Magnesium		37200		5000	ug/L	6010B
Manganese		390		15.0	ug/L	6010B
Nickel		16.7	J	40.0	ug/L	6010B
Potassium		3050	J	5000	ug/L	6010B
Silver		1.5	J	10.0	ug/L	6010B
Sodium		36200		5000	ug/L	6010B
Vanadium		38.6	J	50.0	ug/L	6010B
Zinc		94.5		30.0	ug/L	6010B
Mercury		0.54		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4869-1	**GW-017338-081909-ACH-09**					
MTBE		0.54	J	1.0	ug/L	8260B
Benzene		2.2		1.0	ug/L	8260B
Isopropylbenzene		1.9		1.0	ug/L	8260B
Toluene		20		1.0	ug/L	8260B
Chlorobenzene		870		5.0	ug/L	8260B
Ethylbenzene		16		1.0	ug/L	8260B
Xylenes, Total		36		3.0	ug/L	8260B
1,3-Dichlorobenzene		0.81	J	1.0	ug/L	8260B
1,4-Dichlorobenzene		6.2		1.0	ug/L	8260B
1,2-Dichlorobenzene		0.67	J	1.0	ug/L	8260B
Aluminum		7300		200	ug/L	6010B
Arsenic		16.2		5.0	ug/L	6010B
Barium		424		200	ug/L	6010B
Calcium		38600		5000	ug/L	6010B
Chromium		9.0	J	10.0	ug/L	6010B
Cobalt		17.0	J	50.0	ug/L	6010B
Copper		34.1		25.0	ug/L	6010B
Iron		86200		150	ug/L	6010B
Magnesium		30700		5000	ug/L	6010B
Manganese		2190		15.0	ug/L	6010B
Nickel		8.7	J	40.0	ug/L	6010B
Potassium		4160	J	5000	ug/L	6010B
Silver		8.6	J	10.0	ug/L	6010B
Sodium		58800		5000	ug/L	6010B
Vanadium		17.6	J	50.0	ug/L	6010B
Zinc		31.4		30.0	ug/L	6010B
Mercury		0.51		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4869-2	**GW-017338-081909-ACH-10**					
MTBE		0.58	J	1.0	ug/L	8260B
Benzene		2.2		1.0	ug/L	8260B
Isopropylbenzene		1.9		1.0	ug/L	8260B
Toluene		16		1.0	ug/L	8260B
Chlorobenzene		960		5.0	ug/L	8260B
Ethylbenzene		13		1.0	ug/L	8260B
Xylenes, Total		29		3.0	ug/L	8260B
1,3-Dichlorobenzene		0.81	J	1.0	ug/L	8260B
1,4-Dichlorobenzene		6.7		1.0	ug/L	8260B
1,2-Dichlorobenzene		0.70	J	1.0	ug/L	8260B
Aluminum		2380		200	ug/L	6010B
Arsenic		14.0		5.0	ug/L	6010B
Barium		348		200	ug/L	6010B
Calcium		32700		5000	ug/L	6010B
Cobalt		13.5	J	50.0	ug/L	6010B
Copper		25.8		25.0	ug/L	6010B
Iron		72500		150	ug/L	6010B
Magnesium		26300		5000	ug/L	6010B
Manganese		1900		15.0	ug/L	6010B
Potassium		3370	J	5000	ug/L	6010B
Silver		1.1	J	10.0	ug/L	6010B
Sodium		49700		5000	ug/L	6010B
Vanadium		5.8	J	50.0	ug/L	6010B
Mercury		0.43		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4869-3	**GW-017338-081909-ACH-11**					
MTBE		2.1		1.0	ug/L	8260B
Cyclohexane		5.9		1.0	ug/L	8260B
Methylcyclohexane		5.4		1.0	ug/L	8260B
Benzene		0.91	J	1.0	ug/L	8260B
Isopropylbenzene		10		1.0	ug/L	8260B
Toluene		14		1.0	ug/L	8260B
Chlorobenzene		5.9		1.0	ug/L	8260B
Ethylbenzene		12		1.0	ug/L	8260B
Xylenes, Total		28		3.0	ug/L	8260B
1,4-Dichlorobenzene		0.27	J	1.0	ug/L	8260B
1,2-Dichlorobenzene		0.20	J	1.0	ug/L	8260B
Arsenic		13.3		5.0	ug/L	6010B
Barium		526		200	ug/L	6010B
Calcium		46400		5000	ug/L	6010B
Cobalt		4.2	J	50.0	ug/L	6010B
Copper		8.1	J	25.0	ug/L	6010B
Iron		61800		150	ug/L	6010B
Magnesium		41400		5000	ug/L	6010B
Manganese		948		15.0	ug/L	6010B
Potassium		4610	J	5000	ug/L	6010B
Sodium		174000		5000	ug/L	6010B
Zinc		19.0	J	30.0	ug/L	6010B
Mercury		0.32		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID / Result / Qualifier		Reporting Limit	Units	Method
460-4869-4	**GW-017338-081909-ACH-12**				
MTBE	25		5.0	ug/L	8260B
Cyclohexane	6.9		5.0	ug/L	8260B
Methylcyclohexane	54		5.0	ug/L	8260B
Benzene	12		5.0	ug/L	8260B
Isopropylbenzene	8.2		5.0	ug/L	8260B
Toluene	4800		25	ug/L	8260B
Chlorobenzene	2.3	J	5.0	ug/L	8260B
Ethylbenzene	550		5.0	ug/L	8260B
Xylenes, Total	3100		15	ug/L	8260B
Naphthalene	1900		100	ug/L	8270C
2-Methylnaphthalene	61	J	100	ug/L	8270C
Indeno[1,2,3-cd]pyrene	3.7	J	10	ug/L	8270C
Dibenz(a,h)anthracene	3.7	J	10	ug/L	8270C
Aluminum	11200		200	ug/L	6010B
Arsenic	30.9		5.0	ug/L	6010B
Barium	187	J	200	ug/L	6010B
Calcium	27300		5000	ug/L	6010B
Chromium	16.5		10.0	ug/L	6010B
Cobalt	8.1	J	50.0	ug/L	6010B
Copper	29.6		25.0	ug/L	6010B
Iron	69300		150	ug/L	6010B
Magnesium	18400		5000	ug/L	6010B
Manganese	800		15.0	ug/L	6010B
Nickel	9.6	J	40.0	ug/L	6010B
Potassium	3920	J	5000	ug/L	6010B
Silver	2.0	J	10.0	ug/L	6010B
Sodium	76700		5000	ug/L	6010B
Vanadium	24.1	J	50.0	ug/L	6010B
Zinc	25.6	J	30.0	ug/L	6010B
Mercury	0.24		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4869-5	**GW-017338-081909-ACH-13**					
Acetone		24		20	ug/L	8260B
cis-1,2-Dichloroethene		1.0	J	2.0	ug/L	8260B
MTBE		440		2.0	ug/L	8260B
2-Butanone		7.2	J	20	ug/L	8260B
Cyclohexane		0.85	J	2.0	ug/L	8260B
Methylcyclohexane		0.42	J	2.0	ug/L	8260B
Benzene		260		2.0	ug/L	8260B
Isopropylbenzene		4.0		2.0	ug/L	8260B
4-Methyl-2-pentanone		1.6	J	20	ug/L	8260B
Toluene		200		2.0	ug/L	8260B
Chlorobenzene		0.91	J	2.0	ug/L	8260B
Ethylbenzene		1500		10	ug/L	8260B
Xylenes, Total		4900		30	ug/L	8260B
2,4-Dimethylphenol		28		10	ug/L	8270C
Naphthalene		15		10	ug/L	8270C
Aluminum		5510		200	ug/L	6010B
Arsenic		46.5		5.0	ug/L	6010B
Barium		385		200	ug/L	6010B
Calcium		78400		5000	ug/L	6010B
Chromium		7.1	J	10.0	ug/L	6010B
Cobalt		137		50.0	ug/L	6010B
Copper		31.7		25.0	ug/L	6010B
Iron		107000		150	ug/L	6010B
Magnesium		61700		5000	ug/L	6010B
Manganese		931		15.0	ug/L	6010B
Nickel		8.8	J	40.0	ug/L	6010B
Potassium		4270	J	5000	ug/L	6010B
Sodium		98200		5000	ug/L	6010B
Vanadium		12.8	J	50.0	ug/L	6010B
Zinc		16.3	J	30.0	ug/L	6010B
Mercury		0.56		0.20	ug/L	7470A
460-4869-6RB	**RB-017338-081909-ACH-14**					
Methylene Chloride		0.60	J	1.0	ug/L	8260B
Benzene		2.2		1.0	ug/L	8260B
Isopropylbenzene		0.52	J	1.0	ug/L	8260B
Toluene		30		1.0	ug/L	8260B
Chlorobenzene		1.3		1.0	ug/L	8260B
Ethylbenzene		37		1.0	ug/L	8260B
Xylenes, Total		120		3.0	ug/L	8260B
Naphthalene		11	H	11	ug/L	8270C
Calcium		312	J	5000	ug/L	6010B
Magnesium		158	J	5000	ug/L	6010B
Sodium		427	J	5000	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-4869-7	**GW-017338-081909-ACH-15**					
Acetone		200000		10000	ug/L	8260B
MTBE		470		100	ug/L	8260B
2-Butanone		170	J	1000	ug/L	8260B
Benzene		580		100	ug/L	8260B
4-Methyl-2-pentanone		440	J	1000	ug/L	8260B
Toluene		150000		1000	ug/L	8260B
Ethylbenzene		10000		100	ug/L	8260B
Xylenes, Total		17000		300	ug/L	8260B
2-Methylphenol		100		10	ug/L	8270C
Acetophenone		14		10	ug/L	8270C
2,4-Dimethylphenol		200		10	ug/L	8270C
Naphthalene		19		10	ug/L	8270C
4-Methylphenol		240		10	ug/L	8270C
Aluminum		193	J	200	ug/L	6010B
Barium		705		200	ug/L	6010B
Calcium		92500		5000	ug/L	6010B
Copper		6.6	J	25.0	ug/L	6010B
Iron		258000		450	ug/L	6010B
Magnesium		98600		5000	ug/L	6010B
Manganese		22100		45.0	ug/L	6010B
Potassium		4580	J	5000	ug/L	6010B
Sodium		131000		5000	ug/L	6010B
Vanadium		2.3	J	50.0	ug/L	6010B
Zinc		34.8		30.0	ug/L	6010B
Mercury		0.40		0.20	ug/L	7470A
460-4869-8TB	**TB-017338-081909-ACH-002**					
Methylene Chloride		0.94	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Desai, Saurab	SD
SW846 8260B	Moroney, Christopher J	CJM
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MC
SW846 6010B	Polidori, Michael	MPP
SW846 7470A	Staib, Thomas	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-01**

Lab Sample ID: 460-4835-1 Date Sampled: 08/17/2009 1330
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30432.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1642		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1642		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	0.32	J	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-01**

Lab Sample ID: 460-4835-1 Date Sampled: 08/17/2009 1330
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30432.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1642		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1642		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		56 - 125
Toluene-d8 (Surr)	98		72 - 127
Bromofluorobenzene	113		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-02**

Lab Sample ID: 460-4835-2 Date Sampled: 08/17/2009 1430
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30433.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1707		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1707		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	0.29	J	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	0.54	J	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	0.38	J	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-02**

Lab Sample ID: 460-4835-2 Date Sampled: 08/17/2009 1430
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30433.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1707		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1707		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		56 - 125
Toluene-d8 (Surr)	97		72 - 127
Bromofluorobenzene	110		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-03**

Lab Sample ID: 460-4835-3 Date Sampled: 08/17/2009 1540
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30434.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1733		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1733		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	5.3		0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	0.31	J	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-03**

Lab Sample ID: 460-4835-3 Date Sampled: 08/17/2009 1540
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30434.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1733		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1733		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		56 - 125
Toluene-d8 (Surr)	89		72 - 127
Bromofluorobenzene	102		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-04**

Lab Sample ID: 460-4835-4 Date Sampled: 08/18/2009 0930
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30435.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1758		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1758		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.8		0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	0.64	J	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	0.77	J	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	0.49	J	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	4.4		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	5.8		0.25	1.0
Xylenes, Total	13		0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-04**

Lab Sample ID: 460-4835-4 Date Sampled: 08/18/2009 0930
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30435.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1758		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1758		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		56 - 125
Toluene-d8 (Surr)	97		72 - 127
Bromofluorobenzene	112		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-05**

Lab Sample ID: 460-4835-5 Date Sampled: 08/18/2009 1030
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30455.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/24/2009 1450		Final Weight/Volume: 5 mL
Date Prepared:	08/24/2009 1450		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	7.1		0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	2.1		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	7.2		0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	3.7		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	7.1		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	0.30	J	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	2.0		0.16	1.0
Ethylbenzene	0.43	J	0.25	1.0
Xylenes, Total	18		0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-05**

Lab Sample ID: 460-4835-5 Date Sampled: 08/18/2009 1030
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30455.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/24/2009 1450		Final Weight/Volume: 5 mL
Date Prepared:	08/24/2009 1450		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		56 - 125
Toluene-d8 (Surr)	97		72 - 127
Bromofluorobenzene	113		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-06**

Lab Sample ID: 460-4835-6 Date Sampled: 08/18/2009 1140
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15423		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30578.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1628			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1628				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	0.28	J	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	10		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	20		0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	12		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	85		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	270		0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	0.51	J	0.16	1.0
Ethylbenzene	710	E	0.25	1.0
Xylenes, Total	1800	E	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	0.27	J	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-06**

Lab Sample ID: 460-4835-6 Date Sampled: 08/18/2009 1140
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15423		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30578.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1628			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1628				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		56 - 125
Toluene-d8 (Surr)	102		72 - 127
Bromofluorobenzene	105		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-06**

Lab Sample ID: 460-4835-6 Date Sampled: 08/18/2009 1140
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30418.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/21/2009 1047	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	08/21/2009 1047				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	490		1.2	5.0
Xylenes, Total	1300		2.2	15

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		56 - 125
Toluene-d8 (Surr)	98		72 - 127
Bromofluorobenzene	113		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-07**

Lab Sample ID: 460-4835-7 Date Sampled: 08/18/2009 1340
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15423		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30580.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1718			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1718				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.0	U	0.58	2.0
Chloromethane	2.0	U	0.42	2.0
Bromomethane	2.0	U	0.62	2.0
Vinyl chloride	2.0	U	0.26	2.0
Chloroethane	2.0	U	0.90	2.0
Trichlorofluoromethane	2.0	U	0.32	2.0
Freon TF	2.0	U	0.56	2.0
Methylene Chloride	2.0	U	0.38	2.0
Acetone	20	U	5.0	20
Carbon disulfide	2.0	U	0.30	2.0
Methyl acetate	4.0	U	0.66	4.0
1,1-Dichloroethene	2.0	U	0.28	2.0
1,1-Dichloroethane	2.0	U	0.20	2.0
cis-1,2-Dichloroethene	2.0	U	0.40	2.0
trans-1,2-Dichloroethene	2.0	U	0.28	2.0
MTBE	2.0	U	0.36	2.0
Chloroform	2.0	U	0.30	2.0
1,2-Dichloroethane	2.0	U	0.48	2.0
2-Butanone	20	U	1.6	20
1,1,1-Trichloroethane	2.0	U	0.50	2.0
Cyclohexane	3.7		0.26	2.0
Carbon tetrachloride	2.0	U	0.38	2.0
Bromodichloromethane	2.0	U	0.19	2.0
1,2-Dichloropropane	2.0	U	0.18	2.0
cis-1,3-Dichloropropene	2.0	U	0.22	2.0
Trichloroethene	2.0	U	0.36	2.0
Methylcyclohexane	11		0.18	2.0
Dibromochloromethane	2.0	U	0.22	2.0
1,1,2-Trichloroethane	2.0	U	0.20	2.0
Benzene	3.0		0.26	2.0
trans-1,3-Dichloropropene	2.0	U	0.24	2.0
Bromoform	2.0	U	0.20	2.0
Isopropylbenzene	93		0.42	2.0
4-Methyl-2-pentanone	20	U	1.4	20
2-Hexanone	20	U	1.1	20
Tetrachloroethene	2.0	U	0.40	2.0
Toluene	2500	E	0.18	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.18	2.0
Chlorobenzene	2.0	U	0.32	2.0
Ethylbenzene	1100	E	0.50	2.0
Xylenes, Total	2200		0.86	6.0
Styrene	2.0	U	0.26	2.0
1,2-Dibromo-3-Chloropropane	2.0	U	0.30	2.0
1,3-Dichlorobenzene	2.0	U	0.44	2.0
1,4-Dichlorobenzene	2.0	U	0.30	2.0
1,2-Dichlorobenzene	2.0	U	0.32	2.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-07**

Lab Sample ID: 460-4835-7 Date Sampled: 08/18/2009 1340
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15423		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30580.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1718			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1718				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	2.0	U	0.88	2.0
1,2-Dibromoethane	2.0	U	0.18	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		56 - 125
Toluene-d8 (Surr)	96		72 - 127
Bromofluorobenzene	102		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-07**

Lab Sample ID: 460-4835-7 Date Sampled: 08/18/2009 1340
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30437.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	08/21/2009 1849	Run Type:	DL	Final Weight/Volume:	5 mL
Date Prepared:	08/21/2009 1849				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	3400		0.90	10
Ethylbenzene	1100		2.5	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 125
Toluene-d8 (Surr)	97		72 - 127
Bromofluorobenzene	113		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-08**

Lab Sample ID: 460-4835-8 Date Sampled: 08/18/2009 1450
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30436.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/21/2009 1823			Final Weight/Volume:	5 mL
Date Prepared:	08/21/2009 1823				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	0.80	J	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	46		0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	6.7		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	12		0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	270		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	79		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	53		0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	34		0.25	1.0
Xylenes, Total	190		0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-08**

Lab Sample ID: 460-4835-8 Date Sampled: 08/18/2009 1450
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30436.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1823		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1823		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		56 - 125
Toluene-d8 (Surr)	106		72 - 127
Bromofluorobenzene	125		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **TB-017338-081809-ACH-001**

Lab Sample ID: 460-4835-9TB Date Sampled: 08/18/2009 0000
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30428.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/21/2009 1501			Final Weight/Volume:	5 mL
Date Prepared:	08/21/2009 1501				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **TB-017338-081809-ACH-001**

Lab Sample ID: 460-4835-9TB Date Sampled: 08/18/2009 0000
Client Matrix: Water Date Received: 08/18/2009 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-14918	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30428.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/21/2009 1501		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2009 1501		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		56 - 125
Toluene-d8 (Surr)	98		72 - 127
Bromofluorobenzene	109		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-09**

Lab Sample ID: 460-4869-1 Date Sampled: 08/19/2009 0900
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15720	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30642.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/31/2009 1853		Final Weight/Volume: 5 mL
Date Prepared:	08/31/2009 1853		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	0.54	J	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	2.2		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.9		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	20		0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1100	E	0.16	1.0
Ethylbenzene	16		0.25	1.0
Xylenes, Total	36		0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	0.81	J	0.22	1.0
1,4-Dichlorobenzene	6.2		0.15	1.0
1,2-Dichlorobenzene	0.67	J	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-09**

Lab Sample ID: 460-4869-1 Date Sampled: 08/19/2009 0900
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15720	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30642.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/31/2009 1853		Final Weight/Volume: 5 mL
Date Prepared:	08/31/2009 1853		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		56 - 125
Toluene-d8 (Surr)	98		72 - 127
Bromofluorobenzene	110		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-09**

Lab Sample ID: 460-4869-1 Date Sampled: 08/19/2009 0900
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15245		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30511.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/26/2009 0613	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	08/26/2009 0613				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chlorobenzene	870		0.80	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		56 - 125
Toluene-d8 (Surr)	91		72 - 127
Bromofluorobenzene	113		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-10**

Lab Sample ID: 460-4869-2 Date Sampled: 08/19/2009 0915
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 460-15720 Instrument ID: VOAMS13
Preparation: 5030B Lab File ID: p30644.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 08/31/2009 1943 Final Weight/Volume: 5 mL
Date Prepared: 08/31/2009 1943

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	0.58	J	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	2.2		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.9		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	16		0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1100	E	0.16	1.0
Ethylbenzene	13		0.25	1.0
Xylenes, Total	29		0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	0.81	J	0.22	1.0
1,4-Dichlorobenzene	6.7		0.15	1.0
1,2-Dichlorobenzene	0.70	J	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-10**

Lab Sample ID: 460-4869-2 Date Sampled: 08/19/2009 0915
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15720	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30644.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/31/2009 1943		Final Weight/Volume: 5 mL
Date Prepared:	08/31/2009 1943		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		56 - 125
Toluene-d8 (Surr)	96		72 - 127
Bromofluorobenzene	110		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-10**

Lab Sample ID: 460-4869-2 Date Sampled: 08/19/2009 0915
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15245		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30512.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/26/2009 0638	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	08/26/2009 0638				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chlorobenzene	960		0.80	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		56 - 125
Toluene-d8 (Surr)	92		72 - 127
Bromofluorobenzene	113		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-11**

Lab Sample ID: 460-4869-3 Date Sampled: 08/19/2009 1030
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30457.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1541			Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1541				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	2.1		0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	5.9		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	5.4		0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	0.91	J	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	10		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	14		0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	5.9		0.16	1.0
Ethylbenzene	12		0.25	1.0
Xylenes, Total	28		0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	0.27	J	0.15	1.0
1,2-Dichlorobenzene	0.20	J	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-11**

Lab Sample ID: 460-4869-3 Date Sampled: 08/19/2009 1030
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30457.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/24/2009 1541		Final Weight/Volume: 5 mL
Date Prepared:	08/24/2009 1541		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		56 - 125
Toluene-d8 (Surr)	90		72 - 127
Bromofluorobenzene	107		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-12**

Lab Sample ID: 460-4869-4 Date Sampled: 08/19/2009 1145
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15423		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30582.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1809			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1809				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	5.0	U	1.4	5.0
Chloromethane	5.0	U	1.0	5.0
Bromomethane	5.0	U	1.6	5.0
Vinyl chloride	5.0	U	0.65	5.0
Chloroethane	5.0	U	2.2	5.0
Trichlorofluoromethane	5.0	U	0.80	5.0
Freon TF	5.0	U	1.4	5.0
Methylene Chloride	5.0	U	0.95	5.0
Acetone	50	U	12	50
Carbon disulfide	5.0	U	0.75	5.0
Methyl acetate	10	U	1.6	10
1,1-Dichloroethene	5.0	U	0.70	5.0
1,1-Dichloroethane	5.0	U	0.50	5.0
cis-1,2-Dichloroethene	5.0	U	1.0	5.0
trans-1,2-Dichloroethene	5.0	U	0.70	5.0
MTBE	25		0.90	5.0
Chloroform	5.0	U	0.75	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
2-Butanone	50	U	4.1	50
1,1,1-Trichloroethane	5.0	U	1.2	5.0
Cyclohexane	6.9		0.65	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
Bromodichloromethane	5.0	U	0.46	5.0
1,2-Dichloropropane	5.0	U	0.45	5.0
cis-1,3-Dichloropropene	5.0	U	0.55	5.0
Trichloroethene	5.0	U	0.90	5.0
Methylcyclohexane	54		0.45	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1,2-Trichloroethane	5.0	U	0.50	5.0
Benzene	12		0.65	5.0
trans-1,3-Dichloropropene	5.0	U	0.60	5.0
Bromoform	5.0	U	0.50	5.0
Isopropylbenzene	8.2		1.0	5.0
4-Methyl-2-pentanone	50	U	3.4	50
2-Hexanone	50	U	2.8	50
Tetrachloroethene	5.0	U	1.0	5.0
Toluene	4500	E	0.45	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.45	5.0
Chlorobenzene	2.3	J	0.80	5.0
Ethylbenzene	550		1.2	5.0
Xylenes, Total	3100		2.2	15
Styrene	5.0	U	0.65	5.0
1,2-Dibromo-3-Chloropropane	5.0	U	0.75	5.0
1,3-Dichlorobenzene	5.0	U	1.1	5.0
1,4-Dichlorobenzene	5.0	U	0.75	5.0
1,2-Dichlorobenzene	5.0	U	0.80	5.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-12**

Lab Sample ID: 460-4869-4 Date Sampled: 08/19/2009 1145
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15423		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30582.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1809			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1809				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	5.0	U	2.2	5.0
1,2-Dibromoethane	5.0	U	0.45	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 125
Toluene-d8 (Surr)	103		72 - 127
Bromofluorobenzene	105		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-12**

Lab Sample ID: 460-4869-4 Date Sampled: 08/19/2009 1145
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30458.d
Dilution:	25			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1607	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1607				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	4800		2.2	25

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		56 - 125
Toluene-d8 (Surr)	96		72 - 127
Bromofluorobenzene	111		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-13**

Lab Sample ID: 460-4869-5 Date Sampled: 08/19/2009 1400
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15423		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30584.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1900			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1900				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.0	U	0.58	2.0
Chloromethane	2.0	U	0.42	2.0
Bromomethane	2.0	U	0.62	2.0
Vinyl chloride	2.0	U	0.26	2.0
Chloroethane	2.0	U	0.90	2.0
Trichlorofluoromethane	2.0	U	0.32	2.0
Freon TF	2.0	U	0.56	2.0
Methylene Chloride	2.0	U	0.38	2.0
Acetone	24		5.0	20
Carbon disulfide	2.0	U	0.30	2.0
Methyl acetate	4.0	U	0.66	4.0
1,1-Dichloroethene	2.0	U	0.28	2.0
1,1-Dichloroethane	2.0	U	0.20	2.0
cis-1,2-Dichloroethene	1.0	J	0.40	2.0
trans-1,2-Dichloroethene	2.0	U	0.28	2.0
MTBE	440		0.36	2.0
Chloroform	2.0	U	0.30	2.0
1,2-Dichloroethane	2.0	U	0.48	2.0
2-Butanone	7.2	J	1.6	20
1,1,1-Trichloroethane	2.0	U	0.50	2.0
Cyclohexane	0.85	J	0.26	2.0
Carbon tetrachloride	2.0	U	0.38	2.0
Bromodichloromethane	2.0	U	0.19	2.0
1,2-Dichloropropane	2.0	U	0.18	2.0
cis-1,3-Dichloropropene	2.0	U	0.22	2.0
Trichloroethene	2.0	U	0.36	2.0
Methylcyclohexane	0.42	J	0.18	2.0
Dibromochloromethane	2.0	U	0.22	2.0
1,1,2-Trichloroethane	2.0	U	0.20	2.0
Benzene	260		0.26	2.0
trans-1,3-Dichloropropene	2.0	U	0.24	2.0
Bromoform	2.0	U	0.20	2.0
Isopropylbenzene	4.0		0.42	2.0
4-Methyl-2-pentanone	1.6	J	1.4	20
2-Hexanone	20	U	1.1	20
Tetrachloroethene	2.0	U	0.40	2.0
Toluene	200		0.18	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.18	2.0
Chlorobenzene	0.91	J	0.32	2.0
Ethylbenzene	1300	E	0.50	2.0
Xylenes, Total	4500	E	0.86	6.0
Styrene	2.0	U	0.26	2.0
1,2-Dibromo-3-Chloropropane	2.0	U	0.30	2.0
1,3-Dichlorobenzene	2.0	U	0.44	2.0
1,4-Dichlorobenzene	2.0	U	0.30	2.0
1,2-Dichlorobenzene	2.0	U	0.32	2.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-13**

Lab Sample ID: 460-4869-5 Date Sampled: 08/19/2009 1400
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15423	Instrument ID:	VOAMS13
Preparation:	5030B		Lab File ID:	p30584.d
Dilution:	2.0		Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1900		Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1900			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	2.0	U	0.88	2.0
1,2-Dibromoethane	2.0	U	0.18	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		56 - 125
Toluene-d8 (Surr)	96		72 - 127
Bromofluorobenzene	99		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-13**

Lab Sample ID: 460-4869-5 Date Sampled: 08/19/2009 1400
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30461.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1723	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1723				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	1500		2.5	10
Xylenes, Total	4900		4.3	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 125
Toluene-d8 (Surr)	94		72 - 127
Bromofluorobenzene	111		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **RB-017338-081909-ACH-14**

Lab Sample ID: 460-4869-6RB Date Sampled: 08/19/2009 1430
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30454.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1425			Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1425				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	0.60	J	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	2.2		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	0.52	J	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	30		0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.3		0.16	1.0
Ethylbenzene	37		0.25	1.0
Xylenes, Total	120		0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **RB-017338-081909-ACH-14**

Lab Sample ID: 460-4869-6RB Date Sampled: 08/19/2009 1430
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029	Instrument ID:	VOAMS13
Preparation:	5030B		Lab File ID:	p30454.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1425		Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1425			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		56 - 125
Toluene-d8 (Surr)	95		72 - 127
Bromofluorobenzene	110		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-15**

Lab Sample ID: 460-4869-7 Date Sampled: 08/19/2009 1530
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15569		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30598.d
Dilution:	100			Initial Weight/Volume:	5 mL
Date Analyzed:	08/28/2009 1248			Final Weight/Volume:	5 mL
Date Prepared:	08/28/2009 1248				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	100	U	29	100
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	13	100
Chloroethane	100	U	45	100
Trichlorofluoromethane	100	U	16	100
Freon TF	100	U	28	100
Methylene Chloride	100	U	19	100
Acetone	140000	E	250	1000
Carbon disulfide	100	U	15	100
Methyl acetate	200	U	33	200
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
cis-1,2-Dichloroethene	100	U	20	100
trans-1,2-Dichloroethene	100	U	14	100
MTBE	470		18	100
Chloroform	100	U	15	100
1,2-Dichloroethane	100	U	24	100
2-Butanone	170	J	82	1000
1,1,1-Trichloroethane	100	U	25	100
Cyclohexane	100	U	13	100
Carbon tetrachloride	100	U	19	100
Bromodichloromethane	100	U	9.3	100
1,2-Dichloropropane	100	U	9.0	100
cis-1,3-Dichloropropene	100	U	11	100
Trichloroethene	100	U	18	100
Methylcyclohexane	100	U	9.0	100
Dibromochloromethane	100	U	11	100
1,1,2-Trichloroethane	100	U	10	100
Benzene	580		13	100
trans-1,3-Dichloropropene	100	U	12	100
Bromoform	100	U	10	100
Isopropylbenzene	100	U	21	100
4-Methyl-2-pentanone	440	J	68	1000
2-Hexanone	1000	U	55	1000
Tetrachloroethene	100	U	20	100
Toluene	98000	E	9.0	100
1,1,2,2-Tetrachloroethane	100	U	9.0	100
Chlorobenzene	100	U	16	100
Ethylbenzene	10000		25	100
Xylenes, Total	17000		43	300
Styrene	100	U	13	100
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,3-Dichlorobenzene	100	U	22	100
1,4-Dichlorobenzene	100	U	15	100
1,2-Dichlorobenzene	100	U	16	100

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-15**

Lab Sample ID: 460-4869-7 Date Sampled: 08/19/2009 1530
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15569	Instrument ID:	VOAMS13
Preparation:	5030B		Lab File ID:	p30598.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	08/28/2009 1248		Final Weight/Volume:	5 mL
Date Prepared:	08/28/2009 1248			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	100	U	44	100
1,2-Dibromoethane	100	U	9.0	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		56 - 125
Toluene-d8 (Surr)	95		72 - 127
Bromofluorobenzene	102		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-15**

Lab Sample ID: 460-4869-7 Date Sampled: 08/19/2009 1530
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30462.d
Dilution:	1000			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1748	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1748				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	200000		2500	10000
Toluene	150000		90	1000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 125
Toluene-d8 (Surr)	94		72 - 127
Bromofluorobenzene	111		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **TB-017338-081909-ACH-002**

Lab Sample ID: 460-4869-8TB Date Sampled: 08/19/2009 0000
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p30453.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1359			Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1359				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	0.94	J	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **TB-017338-081909-ACH-002**

Lab Sample ID: 460-4869-8TB Date Sampled: 08/19/2009 0000
Client Matrix: Water Date Received: 08/19/2009 1911

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-15029	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p30453.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/24/2009 1359		Final Weight/Volume: 5 mL
Date Prepared:	08/24/2009 1359		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		56 - 125
Toluene-d8 (Surr)	94		72 - 127
Bromofluorobenzene	111		72 - 145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-01**

Lab Sample ID: 460-4835-1 Date Sampled: 08/17/2009 1330
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2095.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	08/21/2009 2217			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.4	10
Phenol	10	U	0.91	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2-Chlorophenol	10	U	2.7	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.4	10
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
2,4-Dimethylphenol	10	U	2.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Caprolactam	10	U	0.51	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.7	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.8	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.1	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
3-Nitroaniline	20	U *	4.4	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
4-Nitrophenol	31	U	2.4	31
Dibenzofuran	10	U	3.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
Diethyl phthalate	10	U	3.9	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.1	20
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Hexachlorobenzene	1.0	U	0.28	1.0
Atrazine	10	U	4.9	10
Pentachlorophenol	31	U	5.2	31
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-01**

Lab Sample ID: 460-4835-1 Date Sampled: 08/17/2009 1330
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2095.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	08/21/2009 2217			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U *	7.1	20
Benzo[a]anthracene	1.0	U	0.28	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.8	10
Diphenyl	10	U	5.5	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	47		19 - 66
2-Fluorobiphenyl	95		53 - 110
Phenol-d5	33		13 - 44
Nitrobenzene-d5	104		49 - 114
2,4,6-Tribromophenol	78		52 - 122
Terphenyl-d14	110		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-02**

Lab Sample ID: 460-4835-2 Date Sampled: 08/17/2009 1430
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2096.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	08/21/2009 2242			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	11	U	1.4	11
Phenol	11	U	0.94	11
Bis(2-chloroethyl)ether	1.1	U	0.43	1.1
2-Chlorophenol	11	U	2.8	11
2-Methylphenol	11	U	1.7	11
Acetophenone	11	U	4.5	11
N-Nitrosodi-n-propylamine	1.1	U	0.34	1.1
Hexachloroethane	1.1	U	0.53	1.1
Nitrobenzene	1.1	U	0.43	1.1
Isophorone	11	U	3.8	11
2-Nitrophenol	11	U	3.6	11
2,4-Dimethylphenol	11	U	2.6	11
Bis(2-chloroethoxy)methane	11	U	3.7	11
2,4-Dichlorophenol	11	U	2.9	11
Naphthalene	11	U	3.9	11
4-Chloroaniline	11	U	2.2	11
Hexachlorobutadiene	2.1	U	0.99	2.1
Caprolactam	11	U	0.53	11
4-Chloro-3-methylphenol	11	U	2.1	11
2-Methylnaphthalene	11	U	3.3	11
Hexachlorocyclopentadiene	11	U	4.8	11
2,4,6-Trichlorophenol	11	U	3.3	11
2,4,5-Trichlorophenol	11	U	2.6	11
2-Chloronaphthalene	11	U	3.9	11
2-Nitroaniline	21	U	6.0	21
Dimethyl phthalate	11	U	3.4	11
Acenaphthylene	11	U	4.2	11
2,6-Dinitrotoluene	2.1	U	0.62	2.1
3-Nitroaniline	21	U *	4.6	21
Acenaphthene	11	U	4.0	11
2,4-Dinitrophenol	32	U	5.1	32
4-Nitrophenol	32	U	2.4	32
Dibenzofuran	11	U	3.8	11
2,4-Dinitrotoluene	2.1	U	0.45	2.1
Diethyl phthalate	11	U	4.0	11
4-Chlorophenyl phenyl ether	11	U	4.1	11
Fluorene	11	U	3.4	11
4-Nitroaniline	21	U	4.2	21
4,6-Dinitro-2-methylphenol	32	U	5.5	32
N-Nitrosodiphenylamine	11	U	4.1	11
4-Bromophenyl phenyl ether	11	U	4.1	11
Hexachlorobenzene	1.1	U	0.28	1.1
Atrazine	11	U	5.0	11
Pentachlorophenol	32	U	5.4	32
Phenanthrene	11	U	3.7	11
Anthracene	11	U	3.7	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-02**

Lab Sample ID: 460-4835-2 Date Sampled: 08/17/2009 1430
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036	Instrument ID: BNAMS5
Preparation:	3510C	Prep Batch: 460-14834	Lab File ID: x2096.d
Dilution:	1.0		Initial Weight/Volume: 950 mL
Date Analyzed:	08/21/2009 2242		Final Weight/Volume: 2 mL
Date Prepared:	08/20/2009 1838		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	11	U	3.2	11
Di-n-butyl phthalate	11	U	2.9	11
Fluoranthene	11	U	2.8	11
Pyrene	11	U	4.5	11
Butyl benzyl phthalate	11	U	2.9	11
3,3'-Dichlorobenzidine	21	U *	7.3	21
Benzo[a]anthracene	1.1	U	0.28	1.1
Chrysene	11	U	4.0	11
Bis(2-ethylhexyl) phthalate	11	U	2.5	11
Di-n-octyl phthalate	11	U	2.0	11
Benzo[b]fluoranthene	1.1	U	0.22	1.1
Benzo[k]fluoranthene	1.1	U	0.32	1.1
Benzo[a]pyrene	1.1	U	0.19	1.1
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Dibenz(a,h)anthracene	1.1	U	0.17	1.1
Benzo[g,h,i]perylene	11	U	2.9	11
Diphenyl	11	U	5.7	11
4-Methylphenol	11	U	1.7	11
bis (2-chloroisopropyl) ether	11	U	3.4	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	44		19 - 66
2-Fluorobiphenyl	88		53 - 110
Phenol-d5	31		13 - 44
Nitrobenzene-d5	96		49 - 114
2,4,6-Tribromophenol	96		52 - 122
Terphenyl-d14	101		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-03**

Lab Sample ID: 460-4835-3 Date Sampled: 08/17/2009 1540
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2097.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	08/21/2009 2307			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	11	U	1.4	11
Phenol	11	U	0.94	11
Bis(2-chloroethyl)ether	1.1	U	0.43	1.1
2-Chlorophenol	11	U	2.8	11
2-Methylphenol	11	U	1.7	11
Acetophenone	11	U	4.5	11
N-Nitrosodi-n-propylamine	1.1	U	0.34	1.1
Hexachloroethane	1.1	U	0.53	1.1
Nitrobenzene	1.1	U	0.43	1.1
Isophorone	11	U	3.8	11
2-Nitrophenol	11	U	3.6	11
2,4-Dimethylphenol	11	U	2.6	11
Bis(2-chloroethoxy)methane	11	U	3.7	11
2,4-Dichlorophenol	11	U	2.9	11
Naphthalene	11	U	3.9	11
4-Chloroaniline	11	U	2.2	11
Hexachlorobutadiene	2.1	U	0.99	2.1
Caprolactam	11	U	0.53	11
4-Chloro-3-methylphenol	11	U	2.1	11
2-Methylnaphthalene	11	U	3.3	11
Hexachlorocyclopentadiene	11	U	4.8	11
2,4,6-Trichlorophenol	11	U	3.3	11
2,4,5-Trichlorophenol	11	U	2.6	11
2-Chloronaphthalene	11	U	3.9	11
2-Nitroaniline	21	U	6.0	21
Dimethyl phthalate	11	U	3.4	11
Acenaphthylene	11	U	4.2	11
2,6-Dinitrotoluene	2.1	U	0.62	2.1
3-Nitroaniline	21	U *	4.6	21
Acenaphthene	11	U	4.0	11
2,4-Dinitrophenol	32	U	5.1	32
4-Nitrophenol	32	U	2.4	32
Dibenzofuran	11	U	3.8	11
2,4-Dinitrotoluene	2.1	U	0.45	2.1
Diethyl phthalate	11	U	4.0	11
4-Chlorophenyl phenyl ether	11	U	4.1	11
Fluorene	11	U	3.4	11
4-Nitroaniline	21	U	4.2	21
4,6-Dinitro-2-methylphenol	32	U	5.5	32
N-Nitrosodiphenylamine	11	U	4.1	11
4-Bromophenyl phenyl ether	11	U	4.1	11
Hexachlorobenzene	1.1	U	0.28	1.1
Atrazine	11	U	5.0	11
Pentachlorophenol	32	U	5.4	32
Phenanthrene	11	U	3.7	11
Anthracene	11	U	3.7	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-03**

Lab Sample ID: 460-4835-3 Date Sampled: 08/17/2009 1540
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036	Instrument ID: BNAMS5
Preparation:	3510C	Prep Batch: 460-14834	Lab File ID: x2097.d
Dilution:	1.0		Initial Weight/Volume: 950 mL
Date Analyzed:	08/21/2009 2307		Final Weight/Volume: 2 mL
Date Prepared:	08/20/2009 1838		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	11	U	3.2	11
Di-n-butyl phthalate	11	U	2.9	11
Fluoranthene	11	U	2.8	11
Pyrene	11	U	4.5	11
Butyl benzyl phthalate	11	U	2.9	11
3,3'-Dichlorobenzidine	21	U *	7.3	21
Benzo[a]anthracene	1.1	U	0.28	1.1
Chrysene	11	U	4.0	11
Bis(2-ethylhexyl) phthalate	11	U	2.5	11
Di-n-octyl phthalate	11	U	2.0	11
Benzo[b]fluoranthene	1.1	U	0.22	1.1
Benzo[k]fluoranthene	1.1	U	0.32	1.1
Benzo[a]pyrene	1.1	U	0.19	1.1
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Dibenz(a,h)anthracene	1.1	U	0.17	1.1
Benzo[g,h,i]perylene	11	U	2.9	11
Diphenyl	11	U	5.7	11
4-Methylphenol	11	U	1.7	11
bis (2-chloroisopropyl) ether	11	U	3.4	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	46		19 - 66
2-Fluorobiphenyl	90		53 - 110
Phenol-d5	32		13 - 44
Nitrobenzene-d5	102		49 - 114
2,4,6-Tribromophenol	97		52 - 122
Terphenyl-d14	109		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-04**

Lab Sample ID: 460-4835-4 Date Sampled: 08/18/2009 0930
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2098.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	08/21/2009 2332			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.4	10
Phenol	10	U	0.92	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2-Chlorophenol	10	U	2.7	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.4	10
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Hexachloroethane	1.0	U	0.52	1.0
Nitrobenzene	1.0	U	0.42	1.0
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
2,4-Dimethylphenol	10	U	2.6	10
Bis(2-chloroethoxy)methane	10	U	3.6	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.8	10
4-Chloroaniline	10	U	2.2	10
Hexachlorobutadiene	2.1	U	0.97	2.1
Caprolactam	10	U	0.52	10
4-Chloro-3-methylphenol	10	U	2.1	10
2-Methylnaphthalene	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.7	10
2,4,6-Trichlorophenol	10	U	3.3	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	3.9	10
2-Nitroaniline	21	U	5.9	21
Dimethyl phthalate	10	U	3.4	10
Acenaphthylene	10	U	4.2	10
2,6-Dinitrotoluene	2.1	U	0.61	2.1
3-Nitroaniline	21	U *	4.5	21
Acenaphthene	10	U	3.9	10
2,4-Dinitrophenol	31	U	5.0	31
4-Nitrophenol	31	U	2.4	31
Dibenzofuran	10	U	3.7	10
2,4-Dinitrotoluene	2.1	U	0.44	2.1
Diethyl phthalate	10	U	3.9	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
Fluorene	10	U	3.4	10
4-Nitroaniline	21	U	4.1	21
4,6-Dinitro-2-methylphenol	31	U	5.4	31
N-Nitrosodiphenylamine	10	U	4.0	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Hexachlorobenzene	1.0	U	0.28	1.0
Atrazine	10	U	4.9	10
Pentachlorophenol	31	U	5.3	31
Phenanthrene	10	U	3.7	10
Anthracene	10	U	3.7	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-04**

Lab Sample ID: 460-4835-4 Date Sampled: 08/18/2009 0930
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2098.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	08/21/2009 2332			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.9	10
3,3'-Dichlorobenzidine	21	U *	7.2	21
Benzo[a]anthracene	1.0	U	0.28	1.0
Chrysene	10	U	3.9	10
Bis(2-ethylhexyl) phthalate	10	U	2.5	10
Di-n-octyl phthalate	10	U	2.0	10
Benzo[b]fluoranthene	1.0	U	0.22	1.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Benzo[a]pyrene	1.0	U	0.19	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.8	10
Diphenyl	10	U	5.6	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	48		19 - 66
2-Fluorobiphenyl	95		53 - 110
Phenol-d5	33		13 - 44
Nitrobenzene-d5	103		49 - 114
2,4,6-Tribromophenol	110		52 - 122
Terphenyl-d14	110		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-05**

Lab Sample ID: 460-4835-5 Date Sampled: 08/18/2009 1030
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2099.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	08/21/2009 2357			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	11	U	1.4	11
Phenol	11	U	0.94	11
Bis(2-chloroethyl)ether	1.1	U	0.43	1.1
2-Chlorophenol	11	U	2.8	11
2-Methylphenol	11	U	1.7	11
Acetophenone	11	U	4.5	11
N-Nitrosodi-n-propylamine	1.1	U	0.34	1.1
Hexachloroethane	1.1	U	0.53	1.1
Nitrobenzene	1.1	U	0.43	1.1
Isophorone	11	U	3.8	11
2-Nitrophenol	11	U	3.6	11
2,4-Dimethylphenol	11	U	2.6	11
Bis(2-chloroethoxy)methane	11	U	3.7	11
2,4-Dichlorophenol	11	U	2.9	11
Naphthalene	83		3.9	11
4-Chloroaniline	11	U	2.2	11
Hexachlorobutadiene	2.1	U	0.99	2.1
Caprolactam	11	U	0.53	11
4-Chloro-3-methylphenol	11	U	2.1	11
2-Methylnaphthalene	11	U	3.3	11
Hexachlorocyclopentadiene	11	U	4.8	11
2,4,6-Trichlorophenol	11	U	3.3	11
2,4,5-Trichlorophenol	11	U	2.6	11
2-Chloronaphthalene	11	U	3.9	11
2-Nitroaniline	21	U	6.0	21
Dimethyl phthalate	11	U	3.4	11
Acenaphthylene	11	U	4.2	11
2,6-Dinitrotoluene	2.1	U	0.62	2.1
3-Nitroaniline	21	U *	4.6	21
Acenaphthene	11	U	4.0	11
2,4-Dinitrophenol	32	U	5.1	32
4-Nitrophenol	32	U	2.4	32
Dibenzofuran	11	U	3.8	11
2,4-Dinitrotoluene	2.1	U	0.45	2.1
Diethyl phthalate	11	U	4.0	11
4-Chlorophenyl phenyl ether	11	U	4.1	11
Fluorene	11	U	3.4	11
4-Nitroaniline	21	U	4.2	21
4,6-Dinitro-2-methylphenol	32	U	5.5	32
N-Nitrosodiphenylamine	11	U	4.1	11
4-Bromophenyl phenyl ether	11	U	4.1	11
Hexachlorobenzene	1.1	U	0.28	1.1
Atrazine	11	U	5.0	11
Pentachlorophenol	32	U	5.4	32
Phenanthrene	11	U	3.7	11
Anthracene	11	U	3.7	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-05**

Lab Sample ID: 460-4835-5 Date Sampled: 08/18/2009 1030
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2099.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	08/21/2009 2357			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	11	U	3.2	11
Di-n-butyl phthalate	11	U	2.9	11
Fluoranthene	11	U	2.8	11
Pyrene	11	U	4.5	11
Butyl benzyl phthalate	11	U	2.9	11
3,3'-Dichlorobenzidine	21	U *	7.3	21
Benzo[a]anthracene	1.1	U	0.28	1.1
Chrysene	11	U	4.0	11
Bis(2-ethylhexyl) phthalate	11	U	2.5	11
Di-n-octyl phthalate	11	U	2.0	11
Benzo[b]fluoranthene	1.1	U	0.22	1.1
Benzo[k]fluoranthene	1.1	U	0.32	1.1
Benzo[a]pyrene	1.1	U	0.19	1.1
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Dibenz(a,h)anthracene	1.1	U	0.17	1.1
Benzo[g,h,i]perylene	11	U	2.9	11
Diphenyl	11	U	5.7	11
4-Methylphenol	11	U	1.7	11
bis (2-chloroisopropyl) ether	11	U	3.4	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	49		19 - 66
2-Fluorobiphenyl	95		53 - 110
Phenol-d5	35		13 - 44
Nitrobenzene-d5	99		49 - 114
2,4,6-Tribromophenol	111		52 - 122
Terphenyl-d14	103		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-06**

Lab Sample ID: 460-4835-6 Date Sampled: 08/18/2009 1140
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2100.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	08/22/2009 0022			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	11	U	1.4	11
Phenol	11	U	0.94	11
Bis(2-chloroethyl)ether	1.1	U	0.43	1.1
2-Chlorophenol	11	U	2.8	11
2-Methylphenol	11	U	1.7	11
Acetophenone	11	U	4.5	11
N-Nitrosodi-n-propylamine	1.1	U	0.34	1.1
Hexachloroethane	1.1	U	0.53	1.1
Nitrobenzene	1.1	U	0.43	1.1
Isophorone	11	U	3.8	11
2-Nitrophenol	11	U	3.6	11
2,4-Dimethylphenol	11	U	2.6	11
Bis(2-chloroethoxy)methane	11	U	3.7	11
2,4-Dichlorophenol	11	U	2.9	11
Naphthalene	11	U	3.9	11
4-Chloroaniline	11	U	2.2	11
Hexachlorobutadiene	2.1	U	0.99	2.1
Caprolactam	11	U	0.53	11
4-Chloro-3-methylphenol	11	U	2.1	11
2-Methylnaphthalene	11	U	3.3	11
Hexachlorocyclopentadiene	11	U	4.8	11
2,4,6-Trichlorophenol	11	U	3.3	11
2,4,5-Trichlorophenol	11	U	2.6	11
2-Chloronaphthalene	11	U	3.9	11
2-Nitroaniline	21	U	6.0	21
Dimethyl phthalate	11	U	3.4	11
Acenaphthylene	11	U	4.2	11
2,6-Dinitrotoluene	2.1	U	0.62	2.1
3-Nitroaniline	21	U *	4.6	21
Acenaphthene	11	U	4.0	11
2,4-Dinitrophenol	32	U	5.1	32
4-Nitrophenol	32	U	2.4	32
Dibenzofuran	11	U	3.8	11
2,4-Dinitrotoluene	2.1	U	0.45	2.1
Diethyl phthalate	11	U	4.0	11
4-Chlorophenyl phenyl ether	11	U	4.1	11
Fluorene	11	U	3.4	11
4-Nitroaniline	21	U	4.2	21
4,6-Dinitro-2-methylphenol	32	U	5.5	32
N-Nitrosodiphenylamine	11	U	4.1	11
4-Bromophenyl phenyl ether	11	U	4.1	11
Hexachlorobenzene	1.1	U	0.28	1.1
Atrazine	11	U	5.0	11
Pentachlorophenol	32	U	5.4	32
Phenanthrene	11	U	3.7	11
Anthracene	11	U	3.7	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-06**

Lab Sample ID: 460-4835-6 Date Sampled: 08/18/2009 1140
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2100.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	08/22/2009 0022			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	11	U	3.2	11
Di-n-butyl phthalate	11	U	2.9	11
Fluoranthene	11	U	2.8	11
Pyrene	11	U	4.5	11
Butyl benzyl phthalate	11	U	2.9	11
3,3'-Dichlorobenzidine	21	U *	7.3	21
Benzo[a]anthracene	1.1	U	0.28	1.1
Chrysene	11	U	4.0	11
Bis(2-ethylhexyl) phthalate	11	U	2.5	11
Di-n-octyl phthalate	11	U	2.0	11
Benzo[b]fluoranthene	1.1	U	0.22	1.1
Benzo[k]fluoranthene	1.1	U	0.32	1.1
Benzo[a]pyrene	1.1	U	0.19	1.1
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Dibenz(a,h)anthracene	1.1	U	0.17	1.1
Benzo[g,h,i]perylene	11	U	2.9	11
Diphenyl	11	U	5.7	11
4-Methylphenol	11	U	1.7	11
bis (2-chloroisopropyl) ether	11	U	3.4	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	36		19 - 66
2-Fluorobiphenyl	94		53 - 110
Phenol-d5	32		13 - 44
Nitrobenzene-d5	102		49 - 114
2,4,6-Tribromophenol	108		52 - 122
Terphenyl-d14	103		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-07**

Lab Sample ID: 460-4835-7 Date Sampled: 08/18/2009 1340
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2101.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	08/22/2009 0047			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.4	10
Phenol	10	U	0.90	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	9.7	J	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.95	2.0
Caprolactam	10	U	0.51	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.8	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.1	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
3-Nitroaniline	20	U *	4.4	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.9	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.9	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.3	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.2	30
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-07**

Lab Sample ID: 460-4835-7 Date Sampled: 08/18/2009 1340
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2101.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	08/22/2009 0047			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U *	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.5	10
4-Methylphenol	10		1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	36		19 - 66
2-Fluorobiphenyl	85		53 - 110
Phenol-d5	31		13 - 44
Nitrobenzene-d5	92		49 - 114
2,4,6-Tribromophenol	105		52 - 122
Terphenyl-d14	95		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-08**

Lab Sample ID: 460-4835-8 Date Sampled: 08/18/2009 1450
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2102.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	08/22/2009 0111			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.4	10
Phenol	10	U	0.91	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2-Chlorophenol	10	U	2.7	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.4	10
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
2,4-Dimethylphenol	10	U	2.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	33		3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Caprolactam	10	U	0.51	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.7	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.8	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.1	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
3-Nitroaniline	20	U *	4.4	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
4-Nitrophenol	31	U	2.4	31
Dibenzofuran	10	U	3.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
Diethyl phthalate	10	U	3.9	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.1	20
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Hexachlorobenzene	1.0	U	0.28	1.0
Atrazine	10	U	4.9	10
Pentachlorophenol	31	U	5.2	31
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-08**

Lab Sample ID: 460-4835-8 Date Sampled: 08/18/2009 1450
Client Matrix: Water Date Received: 08/18/2009 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2102.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	08/22/2009 0111			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U *	7.1	20
Benzo[a]anthracene	1.0	U	0.28	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.8	10
Diphenyl	10	U	5.5	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	49		19 - 66
2-Fluorobiphenyl	96		53 - 110
Phenol-d5	33		13 - 44
Nitrobenzene-d5	104		49 - 114
2,4,6-Tribromophenol	107		52 - 122
Terphenyl-d14	103		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-09**

Lab Sample ID: 460-4869-1 Date Sampled: 08/19/2009 0900
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2086.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	08/21/2009 1837			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	11	U	1.5	11
Phenol	11	U	0.99	11
Bis(2-chloroethyl)ether	1.1	U	0.46	1.1
2-Chlorophenol	11	U	2.9	11
2-Methylphenol	11	U	1.8	11
Acetophenone	11	U	4.8	11
N-Nitrosodi-n-propylamine	1.1	U	0.36	1.1
Hexachloroethane	1.1	U	0.56	1.1
Nitrobenzene	1.1	U	0.46	1.1
Isophorone	11	U	4.0	11
2-Nitrophenol	11	U	3.8	11
2,4-Dimethylphenol	11	U	2.8	11
Bis(2-chloroethoxy)methane	11	U	3.9	11
2,4-Dichlorophenol	11	U	3.1	11
Naphthalene	11	U	4.1	11
4-Chloroaniline	11	U	2.3	11
Hexachlorobutadiene	2.2	U	1.0	2.2
Caprolactam	11	U	0.56	11
4-Chloro-3-methylphenol	11	U	2.2	11
2-Methylnaphthalene	11	U	3.4	11
Hexachlorocyclopentadiene	11	U	5.1	11
2,4,6-Trichlorophenol	11	U	3.5	11
2,4,5-Trichlorophenol	11	U	2.8	11
2-Chloronaphthalene	11	U	4.2	11
2-Nitroaniline	22	U	6.3	22
Dimethyl phthalate	11	U	3.6	11
Acenaphthylene	11	U	4.5	11
2,6-Dinitrotoluene	2.2	U	0.66	2.2
3-Nitroaniline	22	U *	4.8	22
Acenaphthene	11	U	4.2	11
2,4-Dinitrophenol	33	U	5.3	33
4-Nitrophenol	33	U	2.6	33
Dibenzofuran	11	U	4.0	11
2,4-Dinitrotoluene	2.2	U	0.48	2.2
Diethyl phthalate	11	U	4.2	11
4-Chlorophenyl phenyl ether	11	U	4.4	11
Fluorene	11	U	3.6	11
4-Nitroaniline	22	U	4.4	22
4,6-Dinitro-2-methylphenol	33	U	5.8	33
N-Nitrosodiphenylamine	11	U	4.3	11
4-Bromophenyl phenyl ether	11	U	4.4	11
Hexachlorobenzene	1.1	U	0.30	1.1
Atrazine	11	U	5.3	11
Pentachlorophenol	33	U	5.7	33
Phenanthrene	11	U	4.0	11
Anthracene	11	U	3.9	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-09**

Lab Sample ID: 460-4869-1 Date Sampled: 08/19/2009 0900
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2086.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	08/21/2009 1837			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	11	U	3.4	11
Di-n-butyl phthalate	11	U	3.1	11
Fluoranthene	11	U	2.9	11
Pyrene	11	U	4.7	11
Butyl benzyl phthalate	11	U	3.1	11
3,3'-Dichlorobenzidine	22	U *	7.7	22
Benzo[a]anthracene	1.1	U	0.30	1.1
Chrysene	11	U	4.2	11
Bis(2-ethylhexyl) phthalate	11	U	2.7	11
Di-n-octyl phthalate	11	U	2.1	11
Benzo[b]fluoranthene	1.1	U	0.23	1.1
Benzo[k]fluoranthene	1.1	U	0.33	1.1
Benzo[a]pyrene	1.1	U	0.20	1.1
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Dibenz(a,h)anthracene	1.1	U	0.18	1.1
Benzo[g,h,i]perylene	11	U	3.0	11
Diphenyl	11	U	6.0	11
4-Methylphenol	11	U	1.8	11
bis (2-chloroisopropyl) ether	11	U	3.6	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	52		19 - 66
2-Fluorobiphenyl	92		53 - 110
Phenol-d5	37		13 - 44
Nitrobenzene-d5	103		49 - 114
2,4,6-Tribromophenol	113		52 - 122
Terphenyl-d14	102		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-10**

Lab Sample ID: 460-4869-2 Date Sampled: 08/19/2009 0915
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2087.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	08/21/2009 1902			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	11	U	1.4	11
Phenol	11	U	0.94	11
Bis(2-chloroethyl)ether	1.1	U	0.43	1.1
2-Chlorophenol	11	U	2.8	11
2-Methylphenol	11	U	1.7	11
Acetophenone	11	U	4.5	11
N-Nitrosodi-n-propylamine	1.1	U	0.34	1.1
Hexachloroethane	1.1	U	0.53	1.1
Nitrobenzene	1.1	U	0.43	1.1
Isophorone	11	U	3.8	11
2-Nitrophenol	11	U	3.6	11
2,4-Dimethylphenol	11	U	2.6	11
Bis(2-chloroethoxy)methane	11	U	3.7	11
2,4-Dichlorophenol	11	U	2.9	11
Naphthalene	11	U	3.9	11
4-Chloroaniline	11	U	2.2	11
Hexachlorobutadiene	2.1	U	0.99	2.1
Caprolactam	11	U	0.53	11
4-Chloro-3-methylphenol	11	U	2.1	11
2-Methylnaphthalene	11	U	3.3	11
Hexachlorocyclopentadiene	11	U	4.8	11
2,4,6-Trichlorophenol	11	U	3.3	11
2,4,5-Trichlorophenol	11	U	2.6	11
2-Chloronaphthalene	11	U	3.9	11
2-Nitroaniline	21	U	6.0	21
Dimethyl phthalate	11	U	3.4	11
Acenaphthylene	11	U	4.2	11
2,6-Dinitrotoluene	2.1	U	0.62	2.1
3-Nitroaniline	21	U *	4.6	21
Acenaphthene	11	U	4.0	11
2,4-Dinitrophenol	32	U	5.1	32
4-Nitrophenol	32	U	2.4	32
Dibenzofuran	11	U	3.8	11
2,4-Dinitrotoluene	2.1	U	0.45	2.1
Diethyl phthalate	11	U	4.0	11
4-Chlorophenyl phenyl ether	11	U	4.1	11
Fluorene	11	U	3.4	11
4-Nitroaniline	21	U	4.2	21
4,6-Dinitro-2-methylphenol	32	U	5.5	32
N-Nitrosodiphenylamine	11	U	4.1	11
4-Bromophenyl phenyl ether	11	U	4.1	11
Hexachlorobenzene	1.1	U	0.28	1.1
Atrazine	11	U	5.0	11
Pentachlorophenol	32	U	5.4	32
Phenanthrene	11	U	3.7	11
Anthracene	11	U	3.7	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-10**

Lab Sample ID: 460-4869-2 Date Sampled: 08/19/2009 0915
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036	Instrument ID: BNAMS5
Preparation:	3510C	Prep Batch: 460-14834	Lab File ID: x2087.d
Dilution:	1.0		Initial Weight/Volume: 950 mL
Date Analyzed:	08/21/2009 1902		Final Weight/Volume: 2 mL
Date Prepared:	08/20/2009 1838		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	11	U	3.2	11
Di-n-butyl phthalate	11	U	2.9	11
Fluoranthene	11	U	2.8	11
Pyrene	11	U	4.5	11
Butyl benzyl phthalate	11	U	2.9	11
3,3'-Dichlorobenzidine	21	U *	7.3	21
Benzo[a]anthracene	1.1	U	0.28	1.1
Chrysene	11	U	4.0	11
Bis(2-ethylhexyl) phthalate	11	U	2.5	11
Di-n-octyl phthalate	11	U	2.0	11
Benzo[b]fluoranthene	1.1	U	0.22	1.1
Benzo[k]fluoranthene	1.1	U	0.32	1.1
Benzo[a]pyrene	1.1	U	0.19	1.1
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Dibenz(a,h)anthracene	1.1	U	0.17	1.1
Benzo[g,h,i]perylene	11	U	2.9	11
Diphenyl	11	U	5.7	11
4-Methylphenol	11	U	1.7	11
bis (2-chloroisopropyl) ether	11	U	3.4	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	50		19 - 66
2-Fluorobiphenyl	95		53 - 110
Phenol-d5	34		13 - 44
Nitrobenzene-d5	105		49 - 114
2,4,6-Tribromophenol	119		52 - 122
Terphenyl-d14	101		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-11**

Lab Sample ID: 460-4869-3 Date Sampled: 08/19/2009 1030
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2088.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	08/21/2009 1926			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.4	10
Phenol	10	U	0.93	10
Bis(2-chloroethyl)ether	1.0	U	0.43	1.0
2-Chlorophenol	10	U	2.7	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.5	10
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Hexachloroethane	1.0	U	0.52	1.0
Nitrobenzene	1.0	U	0.43	1.0
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
2,4-Dimethylphenol	10	U	2.6	10
Bis(2-chloroethoxy)methane	10	U	3.6	10
2,4-Dichlorophenol	10	U	2.9	10
Naphthalene	10	U	3.8	10
4-Chloroaniline	10	U	2.2	10
Hexachlorobutadiene	2.1	U	0.98	2.1
Caprolactam	10	U	0.52	10
4-Chloro-3-methylphenol	10	U	2.1	10
2-Methylnaphthalene	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.8	10
2,4,6-Trichlorophenol	10	U	3.3	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	3.9	10
2-Nitroaniline	21	U	5.9	21
Dimethyl phthalate	10	U	3.4	10
Acenaphthylene	10	U	4.2	10
2,6-Dinitrotoluene	2.1	U	0.61	2.1
3-Nitroaniline	21	U *	4.5	21
Acenaphthene	10	U	3.9	10
2,4-Dinitrophenol	31	U	5.0	31
4-Nitrophenol	31	U	2.4	31
Dibenzofuran	10	U	3.7	10
2,4-Dinitrotoluene	2.1	U	0.45	2.1
Diethyl phthalate	10	U	4.0	10
4-Chlorophenyl phenyl ether	10	U	4.1	10
Fluorene	10	U	3.4	10
4-Nitroaniline	21	U	4.1	21
4,6-Dinitro-2-methylphenol	31	U	5.4	31
N-Nitrosodiphenylamine	10	U	4.0	10
4-Bromophenyl phenyl ether	10	U	4.1	10
Hexachlorobenzene	1.0	U	0.28	1.0
Atrazine	10	U	5.0	10
Pentachlorophenol	31	U	5.3	31
Phenanthrene	10	U	3.7	10
Anthracene	10	U	3.7	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-11**

Lab Sample ID: 460-4869-3 Date Sampled: 08/19/2009 1030
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2088.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	08/21/2009 1926			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.9	10
3,3'-Dichlorobenzidine	21	U *	7.3	21
Benzo[a]anthracene	1.0	U	0.28	1.0
Chrysene	10	U	3.9	10
Bis(2-ethylhexyl) phthalate	10	U	2.5	10
Di-n-octyl phthalate	10	U	2.0	10
Benzo[b]fluoranthene	1.0	U	0.22	1.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Benzo[a]pyrene	1.0	U	0.19	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.17	1.0
Benzo[g,h,i]perylene	10	U	2.8	10
Diphenyl	10	U	5.6	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	46		19 - 66
2-Fluorobiphenyl	86		53 - 110
Phenol-d5	31		13 - 44
Nitrobenzene-d5	94		49 - 114
2,4,6-Tribromophenol	102		52 - 122
Terphenyl-d14	94		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-12**

Lab Sample ID: 460-4869-4 Date Sampled: 08/19/2009 1145
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15714		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	z3502.d
Dilution:	10			Initial Weight/Volume:	980 mL
Date Analyzed:	08/31/2009 0552			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	100	U	14	100
Phenol	100	U	9.1	100
Bis(2-chloroethyl)ether	10	U	4.2	10
2-Chlorophenol	100	U	27	100
2-Methylphenol	100	U	17	100
Acetophenone	100	U	44	100
N-Nitrosodi-n-propylamine	10	U	3.3	10
Hexachloroethane	10	U	5.1	10
Nitrobenzene	10	U	4.2	10
Isophorone	100	U	37	100
2-Nitrophenol	100	U	35	100
2,4-Dimethylphenol	100	U	26	100
Bis(2-chloroethoxy)methane	100	U	35	100
2,4-Dichlorophenol	100	U	28	100
Naphthalene	1900		37	100
4-Chloroaniline	100	U	21	100
Hexachlorobutadiene	20	U	9.6	20
Caprolactam	100	U	5.1	100
4-Chloro-3-methylphenol	100	U	20	100
2-Methylnaphthalene	61	J	32	100
Hexachlorocyclopentadiene	100	U	47	100
2,4,6-Trichlorophenol	100	U	32	100
2,4,5-Trichlorophenol	100	U	26	100
2-Chloronaphthalene	100	U	38	100
2-Nitroaniline	200	U	58	200
Dimethyl phthalate	100	U	33	100
Acenaphthylene	100	U	41	100
2,6-Dinitrotoluene	20	U	6.0	20
3-Nitroaniline	200	U *	44	200
Acenaphthene	100	U	38	100
2,4-Dinitrophenol	310	U	49	310
4-Nitrophenol	310	U	24	310
Dibenzofuran	100	U	37	100
2,4-Dinitrotoluene	20	U	4.4	20
Diethyl phthalate	100	U	39	100
4-Chlorophenyl phenyl ether	100	U	40	100
Fluorene	100	U	33	100
4-Nitroaniline	200	U	41	200
4,6-Dinitro-2-methylphenol	310	U	53	310
N-Nitrosodiphenylamine	100	U	39	100
4-Bromophenyl phenyl ether	100	U	40	100
Hexachlorobenzene	10	U	2.8	10
Atrazine	100	U	49	100
Pentachlorophenol	310	U	52	310
Phenanthrene	100	U	36	100
Anthracene	100	U	36	100

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-12**

Lab Sample ID: 460-4869-4 Date Sampled: 08/19/2009 1145
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15714		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	z3502.d
Dilution:	10			Initial Weight/Volume:	980 mL
Date Analyzed:	08/31/2009 0552			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	100	U	31	100
Di-n-butyl phthalate	100	U	28	100
Fluoranthene	100	U	27	100
Pyrene	100	U	44	100
Butyl benzyl phthalate	100	U	28	100
3,3'-Dichlorobenzidine	200	U *	71	200
Benzo[a]anthracene	10	U	2.8	10
Chrysene	100	U	38	100
Bis(2-ethylhexyl) phthalate	100	U	24	100
Di-n-octyl phthalate	100	U	19	100
Benzo[b]fluoranthene	10	U	2.1	10
Benzo[k]fluoranthene	10	U	3.1	10
Benzo[a]pyrene	10	U	1.8	10
Indeno[1,2,3-cd]pyrene	3.7	J	1.2	10
Dibenz(a,h)anthracene	3.7	J	1.6	10
Benzo[g,h,i]perylene	100	U	28	100
Diphenyl	100	U	55	100
4-Methylphenol	100	U	16	100
bis (2-chloroisopropyl) ether	100	U	33	100

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	0	D	19 - 66
2-Fluorobiphenyl	0	D	53 - 110
Phenol-d5	0	D	13 - 44
Nitrobenzene-d5	0	D	49 - 114
2,4,6-Tribromophenol	0	D	52 - 122
Terphenyl-d14	0	D	46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-13**

Lab Sample ID: 460-4869-5 Date Sampled: 08/19/2009 1400
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2092.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	08/21/2009 2104			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.4	10
Phenol	10	U	0.90	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	28		2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	15		3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.95	2.0
Caprolactam	10	U	0.51	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.8	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.1	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
3-Nitroaniline	20	U *	4.4	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.9	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.9	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.3	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.2	30
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-13**

Lab Sample ID: 460-4869-5 Date Sampled: 08/19/2009 1400
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2092.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	08/21/2009 2104			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U *	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.5	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	22		19 - 66
2-Fluorobiphenyl	94		53 - 110
Phenol-d5	30		13 - 44
Nitrobenzene-d5	111		49 - 114
2,4,6-Tribromophenol	102		52 - 122
Terphenyl-d14	93		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **RB-017338-081909-ACH-14**

Lab Sample ID: 460-4869-6RB Date Sampled: 08/19/2009 1430
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15839		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-15687		Lab File ID:	z3555.d
Dilution:	1.0			Initial Weight/Volume:	940 mL
Date Analyzed:	09/01/2009 1031	Run Type:	RE	Final Weight/Volume:	2 mL
Date Prepared:	08/31/2009 1213			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	11	U H *	1.4	11
Phenol	11	U H	0.95	11
Bis(2-chloroethyl)ether	1.1	U H	0.44	1.1
2-Chlorophenol	11	U H	2.8	11
2-Methylphenol	11	U H	1.8	11
Acetophenone	11	U H	4.6	11
N-Nitrosodi-n-propylamine	1.1	U H	0.34	1.1
Hexachloroethane	1.1	U H	0.53	1.1
Nitrobenzene	1.1	U H	0.44	1.1
Isophorone	11	U H	3.8	11
2-Nitrophenol	11	U H	3.6	11
2,4-Dimethylphenol	11	U H	2.7	11
Bis(2-chloroethoxy)methane	11	U H	3.7	11
2,4-Dichlorophenol	11	U H	2.9	11
Naphthalene	11	H	3.9	11
4-Chloroaniline	11	U H	2.2	11
Hexachlorobutadiene	2.1	U H	1.0	2.1
Caprolactam	11	U H	0.53	11
4-Chloro-3-methylphenol	11	U H	2.1	11
2-Methylnaphthalene	11	U H	3.3	11
Hexachlorocyclopentadiene	11	U H	4.9	11
2,4,6-Trichlorophenol	11	U H	3.4	11
2,4,5-Trichlorophenol	11	U H	2.7	11
2-Chloronaphthalene	11	U H	4.0	11
2-Nitroaniline	21	U H	6.1	21
Dimethyl phthalate	11	U H	3.5	11
Acenaphthylene	11	U H	4.3	11
2,6-Dinitrotoluene	2.1	U H	0.63	2.1
3-Nitroaniline	21	U H	4.6	21
Acenaphthene	11	U H	4.0	11
2,4-Dinitrophenol	32	U H	5.1	32
4-Nitrophenol	32	U H	2.5	32
Dibenzofuran	11	U H	3.8	11
2,4-Dinitrotoluene	2.1	U H	0.46	2.1
Diethyl phthalate	11	U H	4.1	11
4-Chlorophenyl phenyl ether	11	U H	4.2	11
Fluorene	11	U H	3.5	11
4-Nitroaniline	21	U H	4.2	21
4,6-Dinitro-2-methylphenol	32	U H	5.6	32
N-Nitrosodiphenylamine	11	U H	4.1	11
4-Bromophenyl phenyl ether	11	U H	4.2	11
Hexachlorobenzene	1.1	U H	0.29	1.1
Atrazine	11	U H	5.1	11
Pentachlorophenol	32	U H	5.4	32
Phenanthrene	11	U H	3.8	11
Anthracene	11	U H	3.8	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **RB-017338-081909-ACH-14**

Lab Sample ID: 460-4869-6RB Date Sampled: 08/19/2009 1430
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15839		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-15687		Lab File ID:	z3555.d
Dilution:	1.0			Initial Weight/Volume:	940 mL
Date Analyzed:	09/01/2009 1031	Run Type:	RE	Final Weight/Volume:	2 mL
Date Prepared:	08/31/2009 1213			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	11	U H	3.3	11
Di-n-butyl phthalate	11	U H	2.9	11
Fluoranthene	11	U H	2.8	11
Pyrene	11	U H	4.5	11
Butyl benzyl phthalate	11	U H	3.0	11
3,3'-Dichlorobenzidine	21	U H *	7.4	21
Benzo[a]anthracene	1.1	U H	0.29	1.1
Chrysene	11	U H	4.0	11
Bis(2-ethylhexyl) phthalate	11	U H	2.6	11
Di-n-octyl phthalate	11	U H	2.0	11
Benzo[b]fluoranthene	1.1	U H	0.22	1.1
Benzo[k]fluoranthene	1.1	U H	0.32	1.1
Benzo[a]pyrene	1.1	U H	0.19	1.1
Indeno[1,2,3-cd]pyrene	1.1	U H	0.13	1.1
Dibenz(a,h)anthracene	1.1	U H	0.17	1.1
Benzo[g,h,i]perylene	11	U H	2.9	11
Diphenyl	11	U H	5.8	11
4-Methylphenol	11	U H	1.7	11
bis (2-chloroisopropyl) ether	11	U H	3.4	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	42		19 - 66
2-Fluorobiphenyl	83		53 - 110
Phenol-d5	31		13 - 44
Nitrobenzene-d5	81		49 - 114
2,4,6-Tribromophenol	87		52 - 122
Terphenyl-d14	84		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-15**

Lab Sample ID: 460-4869-7 Date Sampled: 08/19/2009 1530
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2094.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	08/21/2009 2153			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U	1.4	10
Phenol	10	U	0.90	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	100		1.7	10
Acetophenone	14		4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	200		2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	19		3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.95	2.0
Caprolactam	10	U	0.51	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.8	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.1	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
3-Nitroaniline	20	U *	4.4	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.9	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.9	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.3	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.2	30
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-15**

Lab Sample ID: 460-4869-7 Date Sampled: 08/19/2009 1530
Client Matrix: Water Date Received: 08/19/2009 1911

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-15036		Instrument ID:	BNAMS5
Preparation:	3510C	Prep Batch: 460-14834		Lab File ID:	x2094.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	08/21/2009 2153			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U *	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.5	10
4-Methylphenol	240		1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	15	X	19 - 66
2-Fluorobiphenyl	95		53 - 110
Phenol-d5	34		13 - 44
Nitrobenzene-d5	103		49 - 114
2,4,6-Tribromophenol	101		52 - 122
Terphenyl-d14	96		46 - 129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-01**

Lab Sample ID: 460-4835-1 Date Sampled: 08/17/2009 1330
Client Matrix: Water Date Received: 08/18/2009 1845

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1839			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1390		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	220		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	55100		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	4220		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	27500		56.9	5000
Manganese	536		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	8400		209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	145000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	8.0	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0930			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.44		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-02**

Lab Sample ID: 460-4835-2 Date Sampled: 08/17/2009 1430
Client Matrix: Water Date Received: 08/18/2009 1845

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1845			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	12500		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	176	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	32100		72.2	5000
Chromium	14.5		3.2	10.0
Cobalt	3.1	J	2.8	50.0
Copper	31.2		3.6	25.0
Iron	8460		40.2	150
Lead	7.7		2.8	5.0
Magnesium	8880		56.9	5000
Manganese	264		2.5	15.0
Nickel	7.8	J	3.5	40.0
Potassium	4830	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.1	J	0.97	10.0
Sodium	66600		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	26.5	J	2.0	50.0
Zinc	30.3		5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0933			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.22		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081709-ACH-03**

Lab Sample ID: 460-4835-3 Date Sampled: 08/17/2009 1540
Client Matrix: Water Date Received: 08/18/2009 1845

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1852			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	2710		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	207		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	14600		72.2	5000
Chromium	3.6	J	3.2	10.0
Cobalt	8.6	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	9210		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	10600		56.9	5000
Manganese	167		2.5	15.0
Nickel	3.6	J	3.5	40.0
Potassium	2450	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.5	J	0.97	10.0
Sodium	62300		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	4.4	J	2.0	50.0
Zinc	9.7	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0935			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-04**

Lab Sample ID: 460-4835-4 Date Sampled: 08/18/2009 0930
Client Matrix: Water Date Received: 08/18/2009 1845

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1858			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	3710		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	363		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	44100		72.2	5000
Chromium	4.7	J	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	35.5		3.6	25.0
Iron	30300		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	27400		56.9	5000
Manganese	423		2.5	15.0
Nickel	6.4	J	3.5	40.0
Potassium	5640		209	5000
Selenium	10.0	U	4.8	10.0
Silver	7.7	J	0.97	10.0
Sodium	81400		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	6.8	J	2.0	50.0
Zinc	26.0	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0942			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.28		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-05**

Lab Sample ID: 460-4835-5 Date Sampled: 08/18/2009 1030
Client Matrix: Water Date Received: 08/18/2009 1845

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1904			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	6530		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	614		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	61300		72.2	5000
Chromium	5.8	J	3.2	10.0
Cobalt	21.5	J	2.8	50.0
Copper	31.3		3.6	25.0
Iron	87500		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	42000		56.9	5000
Manganese	2070		2.5	15.0
Nickel	5.5	J	3.5	40.0
Potassium	3760	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	101000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	8.5	J	2.0	50.0
Zinc	8.9	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0944			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.33		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-06**

Lab Sample ID: 460-4835-6 Date Sampled: 08/18/2009 1140
Client Matrix: Water Date Received: 08/18/2009 1845

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1910			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	5920		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	431		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	35400		72.2	5000
Chromium	8.4	J	3.2	10.0
Cobalt	9.2	J	2.8	50.0
Copper	32.7		3.6	25.0
Iron	26500		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	28400		56.9	5000
Manganese	1320		2.5	15.0
Nickel	6.5	J	3.5	40.0
Potassium	4300	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	70800		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	11.8	J	2.0	50.0
Zinc	19.7	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0946			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.50		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-07**

Lab Sample ID: 460-4835-7 Date Sampled: 08/18/2009 1340
Client Matrix: Water Date Received: 08/18/2009 1845

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1917			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	9250		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	21.5		3.8	5.0
Barium	644		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	62700		72.2	5000
Chromium	9.0	J	3.2	10.0
Cobalt	6.4	J	2.8	50.0
Copper	25.7		3.6	25.0
Iron	31400		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	23200		56.9	5000
Manganese	758		2.5	15.0
Nickel	6.9	J	3.5	40.0
Potassium	14800		209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.5	J	0.97	10.0
Sodium	180000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	12.2	J	2.0	50.0
Zinc	21.1	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0948			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.28		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081809-ACH-08**

Lab Sample ID: 460-4835-8 Date Sampled: 08/18/2009 1450
Client Matrix: Water Date Received: 08/18/2009 1845

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1923			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	14500		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	10.3		3.8	5.0
Barium	197	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	32200		72.2	5000
Chromium	27.1		3.2	10.0
Cobalt	4.1	J	2.8	50.0
Copper	48.1		3.6	25.0
Iron	60000		40.2	150
Lead	51.4		2.8	5.0
Magnesium	37200		56.9	5000
Manganese	390		2.5	15.0
Nickel	16.7	J	3.5	40.0
Potassium	3050	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.5	J	0.97	10.0
Sodium	36200		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	38.6	J	2.0	50.0
Zinc	94.5		5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0951			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.54		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-09**

Lab Sample ID: 460-4869-1 Date Sampled: 08/19/2009 0900
Client Matrix: Water Date Received: 08/19/2009 1911

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1942			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	7300		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	16.2		3.8	5.0
Barium	424		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	38600		72.2	5000
Chromium	9.0	J	3.2	10.0
Cobalt	17.0	J	2.8	50.0
Copper	34.1		3.6	25.0
Iron	86200		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	30700		56.9	5000
Manganese	2190		2.5	15.0
Nickel	8.7	J	3.5	40.0
Potassium	4160	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	8.6	J	0.97	10.0
Sodium	58800		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	17.6	J	2.0	50.0
Zinc	31.4		5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0953			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.51		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-10**

Lab Sample ID: 460-4869-2 Date Sampled: 08/19/2009 0915
Client Matrix: Water Date Received: 08/19/2009 1911

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1948			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	2380		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	14.0		3.8	5.0
Barium	348		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	32700		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	13.5	J	2.8	50.0
Copper	25.8		3.6	25.0
Iron	72500		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	26300		56.9	5000
Manganese	1900		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	3370	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.1	J	0.97	10.0
Sodium	49700		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	5.8	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0955			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.43		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-11**

Lab Sample ID: 460-4869-3 Date Sampled: 08/19/2009 1030
Client Matrix: Water Date Received: 08/19/2009 1911

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1954			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	13.3		3.8	5.0
Barium	526		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	46400		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	4.2	J	2.8	50.0
Copper	8.1	J	3.6	25.0
Iron	61800		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	41400		56.9	5000
Manganese	948		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	4610	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	174000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	19.0	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0957			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.32		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-12**

Lab Sample ID: 460-4869-4 Date Sampled: 08/19/2009 1145
Client Matrix: Water Date Received: 08/19/2009 1911

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 1756			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	11200		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	30.9		3.8	5.0
Barium	187	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	27300		72.2	5000
Chromium	16.5		3.2	10.0
Cobalt	8.1	J	2.8	50.0
Copper	29.6		3.6	25.0
Iron	69300		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	18400		56.9	5000
Manganese	800		2.5	15.0
Nickel	9.6	J	3.5	40.0
Potassium	3920	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	2.0	J	0.97	10.0
Sodium	76700		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	24.1	J	2.0	50.0
Zinc	25.6	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0920			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.24		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-13**

Lab Sample ID: 460-4869-5 Date Sampled: 08/19/2009 1400
Client Matrix: Water Date Received: 08/19/2009 1911

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 2000			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	5510		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	46.5		3.8	5.0
Barium	385		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	78400		72.2	5000
Chromium	7.1	J	3.2	10.0
Cobalt	137		2.8	50.0
Copper	31.7		3.6	25.0
Iron	107000		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	61700		56.9	5000
Manganese	931		2.5	15.0
Nickel	8.8	J	3.5	40.0
Potassium	4270	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	98200		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	12.8	J	2.0	50.0
Zinc	16.3	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15032		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-14991		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 0959			Final Weight/Volume:	100 mL
Date Prepared:	08/23/2009 1319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.56		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **RB-017338-081909-ACH-14**

Lab Sample ID: 460-4869-6RB Date Sampled: 08/19/2009 1430
Client Matrix: Water Date Received: 08/19/2009 1911

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 2007			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	312	J	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	158	J	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	427	J	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15074		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-15017		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 1234			Final Weight/Volume:	100 mL
Date Prepared:	08/24/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Client Sample ID: **GW-017338-081909-ACH-15**

Lab Sample ID: 460-4869-7 Date Sampled: 08/19/2009 1530
Client Matrix: Water Date Received: 08/19/2009 1911

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-15014		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14861V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/21/2009 2013			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	193	J	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	705		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	92500		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	6.6	J	3.6	25.0
Lead	5.0	U	2.8	5.0
Magnesium	98600		56.9	5000
Nickel	40.0	U	3.5	40.0
Potassium	4580	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	131000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.3	J	2.0	50.0
Zinc	34.8		5.8	30.0

Method:	6010B	Analysis Batch: 460-15138		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-14861		Lab File ID:	14929V1
Dilution:	3.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 2050			Final Weight/Volume:	100 mL
Date Prepared:	08/21/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	258000		120	450
Manganese	22100		7.5	45.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-15074		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-15017		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	08/24/2009 1215			Final Weight/Volume:	100 mL
Date Prepared:	08/24/2009 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.40		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec
460-4835-1	GW-017338-081709-ACH-01	100	98	113
460-4835-2	GW-017338-081709-ACH-02	101	97	110
460-4835-3	GW-017338-081709-ACH-03	95	89	102
460-4835-4	GW-017338-081809-ACH-04	100	97	112
460-4835-5	GW-017338-081809-ACH-05	100	97	113
460-4835-6 DL	GW-017338-081809-ACH-06 DL	100	98	113
460-4835-6	GW-017338-081809-ACH-06	75	102	105
460-4835-7 DL	GW-017338-081809-ACH-07 DL	99	97	113
460-4835-7	GW-017338-081809-ACH-07	92	96	102
460-4835-8	GW-017338-081809-ACH-08	108	106	125
460-4835-9	TB-017338-081809-ACH-001	98	98	109
460-4869-1 DL	GW-017338-081909-ACH-09 DL	96	91	113
460-4869-1	GW-017338-081909-ACH-09	97	98	110
460-4869-2 DL	GW-017338-081909-ACH-10 DL	98	92	113
460-4869-2	GW-017338-081909-ACH-10	93	96	110
460-4869-3	GW-017338-081909-ACH-11	92	90	107
460-4869-4 DL	GW-017338-081909-ACH-12 DL	96	96	111
460-4869-4	GW-017338-081909-ACH-12	99	103	105

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	56-125
TOL = Toluene-d8 (Surr)	72-127
BFB = Bromofluorobenzene	72-145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec
460-4869-5 DL	GW-017338-081909-ACH-13 DL	99	94	111
460-4869-5	GW-017338-081909-ACH-13	94	96	99
460-4869-6	RB-017338-081909-ACH-14	95	95	110
460-4869-7 DL	GW-017338-081909-ACH-15 DL	99	94	111
460-4869-7	GW-017338-081909-ACH-15	94	95	102
460-4869-8	TB-017338-081909-ACH-002	95	94	111
MB 460-14918/3		99	96	110
MB 460-15029/4		102	94	111
MB 460-15245/4		97	92	109
MB 460-15423/5		96	96	97
MB 460-15569/3		96	95	102
MB 460-15720/4		99	100	110
LCS 460-14918/10		95	96	106
LCS 460-15029/3		95	94	112
LCS 460-15245/3		94	93	111
LCS 460-15423/3		94	98	102
LCS 460-15569/4		93	96	101
LCS 460-15720/3		101	107	115
LCSD 460-15423/4		102	98	99
460-4835-6 MS	GW-017338-081809-ACH-06 MS	98	97	109
460-4869-4 MS	GW-017338-081909-ACH-12 MS	96	95	110
460-4928-C-5 MS		94	92	109
460-5074-E-1 MS		96	98	100
460-5002-C-21 MS		98	99	103
460-5092-B-1 MS		79	83	91

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	56-125
TOL = Toluene-d8 (Surr)	72-127
BFB = Bromofluorobenzene	72-145

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec
460-4835-6 MSD	GW-017338-081809-ACH-06 MSD	98	96	108
460-4869-4 MSD	GW-017338-081909-ACH-12 MSD	97	97	111
460-4928-C-5 MSD		93	94	108
460-5074-C-1 MSD		102	99	98
460-5002-C-21 MSD		93	95	100
460-5092-A-1 MSD		96	101	110

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	56-125
TOL = Toluene-d8 (Surr)	72-127
BFB = Bromofluorobenzene	72-145

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-4835-1	GW-017338-081709-ACH-01	47	33	104	95	78	110
460-4835-2	GW-017338-081709-ACH-02	44	31	96	88	96	101
460-4835-3	GW-017338-081709-ACH-03	46	32	102	90	97	109
460-4835-4	GW-017338-081809-ACH-04	48	33	103	95	110	110
460-4835-5	GW-017338-081809-ACH-05	49	35	99	95	111	103
460-4835-6	GW-017338-081809-ACH-06	36	32	102	94	108	103
460-4835-7	GW-017338-081809-ACH-07	36	31	92	85	105	95
460-4835-8	GW-017338-081809-ACH-08	49	33	104	96	107	103
460-4869-1	GW-017338-081909-ACH-09	52	37	103	92	113	102
460-4869-2	GW-017338-081909-ACH-10	50	34	105	95	119	101
460-4869-3	GW-017338-081909-ACH-11	46	31	94	86	102	94
460-4869-4	GW-017338-081909-ACH-12	0D	0D	0D	0D	0D	0D
460-4869-5	GW-017338-081909-ACH-13	22	30	111	94	102	93
460-4869-6 RE	RB-017338-081909-ACH-14 RE	42	31	81	83	87	84
460-4869-7	GW-017338-081909-ACH-15	15X	34	103	95	101	96
MB 460-14834/1-A		51	36	100	92	106	107
MB 460-15687/1-A		40	28	88	78	86	87
LCS 460-14834/2-A		48	32	102	100	107	105
LCS 460-15687/2-A		41	27	85	85	88	89
LCSD 460-15687/3-A		41	28	85	86	87	89

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	19-66
PHL = Phenol-d5	13-44
NBZ = Nitrobenzene-d5	49-114
FBP = 2-Fluorobiphenyl	53-110
TBP = 2,4,6-Tribromophenol	52-122
TPH = Terphenyl-d14	46-129

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-4869-4 MS	GW-017338-081909-ACH-12 MS	0D	0D	0D	0D	0D	0D
460-4869-4 MSD	GW-017338-081909-ACH-12 MSD	0D	0D	0D	0D	0D	0D

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	19-66
PHL = Phenol-d5	13-44
NBZ = Nitrobenzene-d5	49-114
FBP = 2-Fluorobiphenyl	53-110
TBP = 2,4,6-Tribromophenol	52-122
TPH = Terphenyl-d14	46-129

Method Blank - Batch: 460-14918

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-14918/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 0926
Date Prepared: 08/21/2009 0926

Analysis Batch: 460-14918
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30415.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-14918

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-14918/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 0926
Date Prepared: 08/21/2009 0926

Analysis Batch: 460-14918
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30415.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	56 - 125
Toluene-d8 (Surr)	96	72 - 127
Bromofluorobenzene	110	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-14918

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-14918/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 1320
Date Prepared: 08/21/2009 1320

Analysis Batch: 460-14918
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30424.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	18.8	94	70 - 130	
Chloromethane	20.0	16.5	82	69 - 134	
Bromomethane	20.0	13.4	67	64 - 145	
Vinyl chloride	20.0	17.9	89	74 - 128	
Chloroethane	20.0	19.8	99	52 - 155	
Trichlorofluoromethane	20.0	17.9	89	51 - 165	
Freon TF	20.0	16.9	85	70 - 130	
Methylene Chloride	20.0	17.7	89	78 - 129	
Acetone	20.0	18.1	91	69 - 143	
Carbon disulfide	20.0	17.3	87	71 - 129	
Methyl acetate	20.0	19.8	99	70 - 130	
1,1-Dichloroethene	20.0	20.4	102	67 - 133	
1,1-Dichloroethane	20.0	17.0	85	73 - 129	
cis-1,2-Dichloroethene	20.0	17.9	90	80 - 120	
trans-1,2-Dichloroethene	20.0	18.0	90	78 - 129	
MTBE	20.0	18.5	93	70 - 130	
Chloroform	20.0	19.6	98	80 - 120	
1,2-Dichloroethane	20.0	18.6	93	79 - 129	
2-Butanone	20.0	22.4	112	58 - 131	
1,1,1-Trichloroethane	20.0	20.3	102	77 - 130	
Cyclohexane	20.0	18.3	92	70 - 130	
Carbon tetrachloride	20.0	20.9	104	76 - 131	
Bromodichloromethane	20.0	18.3	91	76 - 124	
1,2-Dichloropropane	20.0	17.4	87	76 - 127	
cis-1,3-Dichloropropene	20.0	16.9	84	80 - 120	
Trichloroethene	20.0	18.6	93	75 - 127	
Methylcyclohexane	20.0	17.9	90	70 - 130	
Dibromochloromethane	20.0	18.0	90	80 - 120	
1,1,2-Trichloroethane	20.0	17.4	87	76 - 130	
Benzene	20.0	17.1	85	73 - 131	
trans-1,3-Dichloropropene	20.0	17.3	87	76 - 126	
Bromoform	20.0	18.1	90	56 - 129	
Isopropylbenzene	20.0	19.5	97	70 - 130	
4-Methyl-2-pentanone	20.0	17.3	87	60 - 130	
2-Hexanone	20.0	19.1	96	53 - 135	
Tetrachloroethene	20.0	18.9	94	78 - 125	
Toluene	20.0	18.6	93	78 - 128	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	65 - 129	
Chlorobenzene	20.0	17.6	88	79 - 125	
Ethylbenzene	20.0	17.8	89	77 - 130	
Xylenes, Total	60.0	53.4	89	70 - 130	
Styrene	20.0	17.6	88	75 - 127	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-14918

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-14918/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 1320
Date Prepared: 08/21/2009 1320

Analysis Batch: 460-14918
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30424.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	20.0	18.9	94	70 - 130	
1,3-Dichlorobenzene	20.0	17.7	88	80 - 120	
1,4-Dichlorobenzene	20.0	17.9	90	80 - 120	
1,2-Dichlorobenzene	20.0	17.7	89	80 - 120	
1,2,4-Trichlorobenzene	20.0	17.6	88	70 - 130	
1,2-Dibromoethane	20.0	18.1	91	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	56 - 125
Toluene-d8 (Surr)	96	72 - 127
Bromofluorobenzene	106	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-14918

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4835-6	Analysis Batch:	460-14918	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30425.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/21/2009 1345			Final Weight/Volume:	5 mL
Date Prepared:	08/21/2009 1345				

MSD Lab Sample ID:	460-4835-6	Analysis Batch:	460-14918	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30426.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/21/2009 1410			Final Weight/Volume:	5 mL
Date Prepared:	08/21/2009 1410				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	110	98	70 - 130	12	30		
Chloromethane	90	91	69 - 134	0	30		
Bromomethane	72	81	64 - 145	11	30		
Vinyl chloride	100	102	74 - 128	3	30		
Chloroethane	106	106	52 - 155	0	30		
Trichlorofluoromethane	101	98	51 - 165	3	30		
Freon TF	89	88	70 - 130	2	30		
Methylene Chloride	88	89	78 - 129	2	30		
Acetone	110	110	69 - 143	0	30		
Carbon disulfide	89	85	71 - 129	5	30		
Methyl acetate	97	96	70 - 130	0	30		
1,1-Dichloroethene	103	102	67 - 133	1	30		
1,1-Dichloroethane	86	87	73 - 129	1	30		
cis-1,2-Dichloroethene	92	89	80 - 120	2	30		
trans-1,2-Dichloroethene	89	91	78 - 129	2	30		
MTBE	95	93	70 - 130	2	30		
Chloroform	101	100	80 - 120	1	30		
1,2-Dichloroethane	98	93	79 - 129	5	30		
2-Butanone	114	111	58 - 131	3	30		
1,1,1-Trichloroethane	106	104	77 - 130	2	30		
Cyclohexane	98	95	70 - 130	3	30		
Carbon tetrachloride	109	110	76 - 131	0	30		
Bromodichloromethane	92	91	76 - 124	1	30		
1,2-Dichloropropane	89	89	76 - 127	1	30		
cis-1,3-Dichloropropene	86	84	80 - 120	2	30		
Trichloroethene	93	93	75 - 127	0	30		
Methylcyclohexane	96	89	70 - 130	6	30		
Dibromochloromethane	89	91	80 - 120	2	30		
1,1,2-Trichloroethane	91	90	76 - 130	1	30		
Benzene	88	87	73 - 131	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-14918

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4835-6	Analysis Batch:	460-14918	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30425.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/21/2009 1345			Final Weight/Volume:	5 mL
Date Prepared:	08/21/2009 1345				

MSD Lab Sample ID:	460-4835-6	Analysis Batch:	460-14918	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30426.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/21/2009 1410			Final Weight/Volume:	5 mL
Date Prepared:	08/21/2009 1410				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	86	86	76 - 126	0	30		
Bromoform	95	93	56 - 129	2	30		
Isopropylbenzene	98	98	70 - 130	0	30		
4-Methyl-2-pentanone	91	93	60 - 130	1	30		
2-Hexanone	96	92	53 - 135	4	30		
Tetrachloroethene	91	95	78 - 125	4	30		
Toluene	84	85	78 - 128	1	30		
1,1,2,2-Tetrachloroethane	91	92	65 - 129	1	30		
Chlorobenzene	90	89	79 - 125	0	30		
Ethylbenzene	55	57	77 - 130	0	30	4	4
Xylenes, Total	61	66	70 - 130	1	30	4	4
Styrene	88	89	75 - 127	0	30		
1,2-Dibromo-3-Chloropropane	87	94	70 - 130	7	30		
1,3-Dichlorobenzene	89	90	80 - 120	2	30		
1,4-Dichlorobenzene	90	89	80 - 120	1	30		
1,2-Dichlorobenzene	93	90	80 - 120	3	30		
1,2,4-Trichlorobenzene	92	93	70 - 130	2	30		
1,2-Dibromoethane	91	88	70 - 130	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	98	56 - 125
Toluene-d8 (Surr)	97	96	72 - 127
Bromofluorobenzene	109	108	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-14918

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4835-6	Units: ug/L	MSD Lab Sample ID:	460-4835-6	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	5.0		Dilution:	5.0	
Date Analyzed:	08/21/2009 1345		Date Analyzed:	08/21/2009 1410	
Date Prepared:	08/21/2009 1345		Date Prepared:	08/21/2009 1410	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	5.0	U	100	100	110	98.1
Chloromethane	5.0	U	100	100	90.1	90.6
Bromomethane	5.0	U	100	100	72.5	81.0
Vinyl chloride	5.0	U	100	100	99.9	102
Chloroethane	5.0	U	100	100	106	106
Trichlorofluoromethane	5.0	U	100	100	101	98.1
Freon TF	5.0	U	100	100	89.2	87.6
Methylene Chloride	5.0	U	100	100	87.5	89.5
Acetone	50	U	100	100	110	110
Carbon disulfide	5.0	U	100	100	88.9	84.8
Methyl acetate	10	U	100	100	97.0	96.5
1,1-Dichloroethene	5.0	U	100	100	103	102
1,1-Dichloroethane	5.0	U	100	100	85.6	86.5
cis-1,2-Dichloroethene	5.0	U	100	100	91.5	89.4
trans-1,2-Dichloroethene	5.0	U	100	100	88.8	90.9
MTBE	5.0	U	100	100	95.3	93.1
Chloroform	5.0	U	100	100	101	99.9
1,2-Dichloroethane	5.0	U	100	100	97.8	92.9
2-Butanone	50	U	100	100	114	111
1,1,1-Trichloroethane	5.0	U	100	100	106	104
Cyclohexane	6.0		100	100	104	101
Carbon tetrachloride	5.0	U	100	100	109	110
Bromodichloromethane	5.0	U	100	100	91.9	91.3
1,2-Dichloropropane	5.0	U	100	100	89.4	88.7
cis-1,3-Dichloropropene	5.0	U	100	100	86.1	84.4
Trichloroethene	5.0	U	100	100	92.9	93.3
Methylcyclohexane	14		100	100	109	103
Dibromochloromethane	5.0	U	100	100	89.2	90.8
1,1,2-Trichloroethane	5.0	U	100	100	90.8	89.9
Benzene	8.7		100	100	96.6	95.4
trans-1,3-Dichloropropene	5.0	U	100	100	85.9	85.8
Bromoform	5.0	U	100	100	94.7	93.2
Isopropylbenzene	58		100	100	156	156
4-Methyl-2-pentanone	50	U	100	100	91.5	92.5
2-Hexanone	50	U	100	100	96.3	92.4
Tetrachloroethene	5.0	U	100	100	91.3	94.5
Toluene	210		100	100	289	291
1,1,2,2-Tetrachloroethane	5.0	U	100	100	91.2	92.2
Chlorobenzene	5.0	U	100	100	89.5	89.1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-14918

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4835-6	Units: ug/L	MSD Lab Sample ID:	460-4835-6	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	5.0		Dilution:	5.0	
Date Analyzed:	08/21/2009 1345		Date Analyzed:	08/21/2009 1410	
Date Prepared:	08/21/2009 1345		Date Prepared:	08/21/2009 1410	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Ethylbenzene	490		100	100	547	4	549	4
Xylenes, Total	1300		300	300	1460	4	1480	4
Styrene	5.0	U	100	100	88.4		88.7	
1,2-Dibromo-3-Chloropropane	5.0	U	100	100	87.0		93.6	
1,3-Dichlorobenzene	5.0	U	100	100	88.7		90.4	
1,4-Dichlorobenzene	5.0	U	100	100	90.4		89.4	
1,2-Dichlorobenzene	5.0	U	100	100	92.6		89.6	
1,2,4-Trichlorobenzene	5.0	U	100	100	91.5		93.2	
1,2-Dibromoethane	5.0	U	100	100	90.6		88.0	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-15029

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15029/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 0941
Date Prepared: 08/24/2009 0941

Analysis Batch: 460-15029
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30444.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-15029

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15029/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 0941
Date Prepared: 08/24/2009 0941

Analysis Batch: 460-15029
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30444.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	56 - 125
Toluene-d8 (Surr)	94	72 - 127
Bromofluorobenzene	111	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-15029

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-15029/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 0813
Date Prepared: 08/24/2009 0813

Analysis Batch: 460-15029
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30442.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	22.5	113	70 - 130	
Chloromethane	20.0	17.8	89	69 - 134	
Bromomethane	20.0	16.9	85	64 - 145	
Vinyl chloride	20.0	20.7	103	74 - 128	
Chloroethane	20.0	23.1	115	52 - 155	
Trichlorofluoromethane	20.0	22.3	111	51 - 165	
Freon TF	20.0	16.0	80	70 - 130	
Methylene Chloride	20.0	16.9	85	78 - 129	
Acetone	20.0	21.2	106	69 - 143	
Carbon disulfide	20.0	14.7	73	71 - 129	
Methyl acetate	20.0	19.2	96	70 - 130	
1,1-Dichloroethene	20.0	18.3	91	67 - 133	
1,1-Dichloroethane	20.0	16.2	81	73 - 129	
cis-1,2-Dichloroethene	20.0	17.4	87	80 - 120	
trans-1,2-Dichloroethene	20.0	16.4	82	78 - 129	
MTBE	20.0	18.6	93	70 - 130	
Chloroform	20.0	19.7	98	80 - 120	
1,2-Dichloroethane	20.0	18.4	92	79 - 129	
2-Butanone	20.0	24.4	122	58 - 131	
1,1,1-Trichloroethane	20.0	20.0	100	77 - 130	
Cyclohexane	20.0	17.9	89	70 - 130	
Carbon tetrachloride	20.0	21.1	105	76 - 131	
Bromodichloromethane	20.0	18.1	90	76 - 124	
1,2-Dichloropropane	20.0	17.4	87	76 - 127	
cis-1,3-Dichloropropene	20.0	17.0	85	80 - 120	
Trichloroethene	20.0	18.4	92	75 - 127	
Methylcyclohexane	20.0	18.0	90	70 - 130	
Dibromochloromethane	20.0	18.2	91	80 - 120	
1,1,2-Trichloroethane	20.0	17.2	86	76 - 130	
Benzene	20.0	16.3	81	73 - 131	
trans-1,3-Dichloropropene	20.0	17.2	86	76 - 126	
Bromoform	20.0	19.3	96	56 - 129	
Isopropylbenzene	20.0	19.6	98	70 - 130	
4-Methyl-2-pentanone	20.0	18.3	91	60 - 130	
2-Hexanone	20.0	19.6	98	53 - 135	
Tetrachloroethene	20.0	18.5	92	78 - 125	
Toluene	20.0	18.2	91	78 - 128	
1,1,2,2-Tetrachloroethane	20.0	18.1	91	65 - 129	
Chlorobenzene	20.0	17.4	87	79 - 125	
Ethylbenzene	20.0	17.6	88	77 - 130	
Xylenes, Total	60.0	53.2	89	70 - 130	
Styrene	20.0	17.4	87	75 - 127	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-15029

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-15029/3	Analysis Batch:	460-15029	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30442.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 0813			Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 0813				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	20.0	20.6	103	70 - 130	
1,3-Dichlorobenzene	20.0	17.7	89	80 - 120	
1,4-Dichlorobenzene	20.0	17.3	87	80 - 120	
1,2-Dichlorobenzene	20.0	17.8	89	80 - 120	
1,2,4-Trichlorobenzene	20.0	18.6	93	70 - 130	
1,2-Dibromoethane	20.0	18.1	90	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	56 - 125
Toluene-d8 (Surr)	94	72 - 127
Bromofluorobenzene	112	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15029

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4869-4	Analysis Batch:	460-15029	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30450.d
Dilution:	25			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1243			Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1243				

MSD Lab Sample ID:	460-4869-4	Analysis Batch:	460-15029	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30451.d
Dilution:	25			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1309			Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1309				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	110	112	70 - 130	2	30		
Chloromethane	85	96	69 - 134	12	30		
Bromomethane	92	94	64 - 145	2	30		
Vinyl chloride	97	105	74 - 128	8	30		
Chloroethane	106	111	52 - 155	5	30		
Trichlorofluoromethane	111	116	51 - 165	4	30		
Freon TF	81	86	70 - 130	5	30		
Methylene Chloride	82	86	78 - 129	6	30		
Acetone	113	122	69 - 143	8	30		
Carbon disulfide	73	78	71 - 129	6	30		
Methyl acetate	97	102	70 - 130	5	30		
1,1-Dichloroethene	93	98	67 - 133	6	30		
1,1-Dichloroethane	81	84	73 - 129	3	30		
cis-1,2-Dichloroethene	85	89	80 - 120	5	30		
trans-1,2-Dichloroethene	84	86	78 - 129	2	30		
MTBE	93	97	70 - 130	4	30		
Chloroform	98	98	80 - 120	1	30		
1,2-Dichloroethane	94	93	79 - 129	0	30		
2-Butanone	111	124	58 - 131	11	30		
1,1,1-Trichloroethane	102	104	77 - 130	2	30		
Cyclohexane	89	93	70 - 130	5	30		
Carbon tetrachloride	106	108	76 - 131	3	30		
Bromodichloromethane	90	91	76 - 124	1	30		
1,2-Dichloropropane	85	88	76 - 127	3	30		
cis-1,3-Dichloropropene	82	85	80 - 120	4	30		
Trichloroethene	93	92	75 - 127	1	30		
Methylcyclohexane	96	99	70 - 130	3	30		
Dibromochloromethane	90	91	80 - 120	1	30		
1,1,2-Trichloroethane	104	105	76 - 130	1	30		
Benzene	81	84	73 - 131	3	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15029

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4869-4	Analysis Batch:	460-15029	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30450.d
Dilution:	25			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1243			Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1243				

MSD Lab Sample ID:	460-4869-4	Analysis Batch:	460-15029	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30451.d
Dilution:	25			Initial Weight/Volume:	5 mL
Date Analyzed:	08/24/2009 1309			Final Weight/Volume:	5 mL
Date Prepared:	08/24/2009 1309				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	86	89	76 - 126	4	30		
Bromoform	97	98	56 - 129	1	30		
Isopropylbenzene	97	101	70 - 130	5	30		
4-Methyl-2-pentanone	93	95	60 - 130	2	30		
2-Hexanone	98	99	53 - 135	1	30		
Tetrachloroethene	91	95	78 - 125	4	30		
Toluene	44	88	78 - 128	4	30	4	4
1,1,2,2-Tetrachloroethane	93	97	65 - 129	4	30		
Chlorobenzene	87	91	79 - 125	4	30		
Ethylbenzene	86	95	77 - 130	4	30		
Xylenes, Total	79	90	70 - 130	4	30		
Styrene	86	89	75 - 127	4	30		
1,2-Dibromo-3-Chloropropane	96	100	70 - 130	3	30		
1,3-Dichlorobenzene	87	90	80 - 120	3	30		
1,4-Dichlorobenzene	90	89	80 - 120	1	30		
1,2-Dichlorobenzene	91	91	80 - 120	0	30		
1,2,4-Trichlorobenzene	95	99	70 - 130	4	30		
1,2-Dibromoethane	89	91	70 - 130	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	97	56 - 125
Toluene-d8 (Surr)	95	97	72 - 127
Bromofluorobenzene	110	111	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15029

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4869-4	Units: ug/L	MSD Lab Sample ID:	460-4869-4	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	25		Dilution:	25	
Date Analyzed:	08/24/2009 1243		Date Analyzed:	08/24/2009 1309	
Date Prepared:	08/24/2009 1243		Date Prepared:	08/24/2009 1309	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	25	U	500	500	550		559	
Chloromethane	25	U	500	500	425		478	
Bromomethane	25	U	500	500	461		468	
Vinyl chloride	25	U	500	500	487		527	
Chloroethane	25	U	500	500	531		557	
Trichlorofluoromethane	25	U	500	500	555		578	
Freon TF	25	U	500	500	407		430	
Methylene Chloride	25	U	500	500	408		432	
Acetone	250	U	500	500	564		611	
Carbon disulfide	25	U	500	500	367		389	
Methyl acetate	50	U	500	500	486		512	
1,1-Dichloroethene	25	U	500	500	464		491	
1,1-Dichloroethane	25	U	500	500	407		421	
cis-1,2-Dichloroethene	25	U	500	500	425		446	
trans-1,2-Dichloroethene	25	U	500	500	418		429	
MTBE	25		500	500	491		510	
Chloroform	25	U	500	500	488		491	
1,2-Dichloroethane	25	U	500	500	468		466	
2-Butanone	250	U	500	500	557		621	
1,1,1-Trichloroethane	25	U	500	500	510		518	
Cyclohexane	8.5	J	500	500	452		473	
Carbon tetrachloride	25	U	500	500	529		542	
Bromodichloromethane	25	U	500	500	448		453	
1,2-Dichloropropane	25	U	500	500	427		442	
cis-1,3-Dichloropropene	25	U	500	500	410		426	
Trichloroethene	25	U	500	500	464		458	
Methylcyclohexane	73		500	500	553		568	
Dibromochloromethane	25	U	500	500	451		453	
1,1,2-Trichloroethane	25	U	500	500	518		524	
Benzene	14	J	500	500	421		435	
trans-1,3-Dichloropropene	25	U	500	500	428		446	
Bromoform	25	U	500	500	484		488	
Isopropylbenzene	10	J	500	500	494		517	
4-Methyl-2-pentanone	250	U	500	500	467		477	
2-Hexanone	250	U	500	500	491		494	
Tetrachloroethene	25	U	500	500	457		476	
Toluene	4800		500	500	5040	4	5260	4
1,1,2,2-Tetrachloroethane	25	U	500	500	464		484	
Chlorobenzene	25	U	500	500	435		453	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15029

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4869-4	Units: ug/L	MSD Lab Sample ID:	460-4869-4	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	25		Dilution:	25	
Date Analyzed:	08/24/2009 1243		Date Analyzed:	08/24/2009 1309	
Date Prepared:	08/24/2009 1243		Date Prepared:	08/24/2009 1309	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Ethylbenzene	580		500	500	1010	1050
Xylenes, Total	3200		1500	1500	4430	4590
Styrene	25	U	500	500	431	447
1,2-Dibromo-3-Chloropropane	25	U	500	500	482	499
1,3-Dichlorobenzene	25	U	500	500	437	450
1,4-Dichlorobenzene	25	U	500	500	450	446
1,2-Dichlorobenzene	25	U	500	500	453	453
1,2,4-Trichlorobenzene	25	U	500	500	474	494
1,2-Dibromoethane	25	U	500	500	444	455

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-15245

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15245/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/25/2009 2346
Date Prepared: 08/25/2009 2346

Analysis Batch: 460-15245
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30497.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-15245

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15245/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/25/2009 2346
Date Prepared: 08/25/2009 2346

Analysis Batch: 460-15245
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30497.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	56 - 125
Toluene-d8 (Surr)	92	72 - 127
Bromofluorobenzene	109	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-15245

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-15245/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/25/2009 2255
Date Prepared: 08/25/2009 2255

Analysis Batch: 460-15245
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30495.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	24.4	122	70 - 130	
Chloromethane	20.0	18.2	91	69 - 134	
Bromomethane	20.0	15.0	75	64 - 145	
Vinyl chloride	20.0	21.6	108	74 - 128	
Chloroethane	20.0	25.9	129	52 - 155	
Trichlorofluoromethane	20.0	24.4	122	51 - 165	
Freon TF	20.0	17.9	90	70 - 130	
Methylene Chloride	20.0	17.3	87	78 - 129	
Acetone	20.0	21.7	109	69 - 143	
Carbon disulfide	20.0	15.4	77	71 - 129	
Methyl acetate	20.0	19.0	95	70 - 130	
1,1-Dichloroethene	20.0	19.6	98	67 - 133	
1,1-Dichloroethane	20.0	16.5	83	73 - 129	
cis-1,2-Dichloroethene	20.0	18.2	91	80 - 120	
trans-1,2-Dichloroethene	20.0	17.7	89	78 - 129	
MTBE	20.0	19.2	96	70 - 130	
Chloroform	20.0	20.0	100	80 - 120	
1,2-Dichloroethane	20.0	19.4	97	79 - 129	
2-Butanone	20.0	24.7	124	58 - 131	
1,1,1-Trichloroethane	20.0	21.7	108	77 - 130	
Cyclohexane	20.0	19.0	95	70 - 130	
Carbon tetrachloride	20.0	22.6	113	76 - 131	
Bromodichloromethane	20.0	19.5	97	76 - 124	
1,2-Dichloropropane	20.0	18.3	92	76 - 127	
cis-1,3-Dichloropropene	20.0	17.7	89	80 - 120	
Trichloroethene	20.0	19.8	99	75 - 127	
Methylcyclohexane	20.0	19.9	100	70 - 130	
Dibromochloromethane	20.0	18.8	94	80 - 120	
1,1,2-Trichloroethane	20.0	17.4	87	76 - 130	
Benzene	20.0	16.7	83	73 - 131	
trans-1,3-Dichloropropene	20.0	17.6	88	76 - 126	
Bromoform	20.0	19.7	98	56 - 129	
Isopropylbenzene	20.0	20.9	105	70 - 130	
4-Methyl-2-pentanone	20.0	17.6	88	60 - 130	
2-Hexanone	20.0	18.7	94	53 - 135	
Tetrachloroethene	20.0	19.7	98	78 - 125	
Toluene	20.0	19.4	97	78 - 128	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	65 - 129	
Chlorobenzene	20.0	18.6	93	79 - 125	
Ethylbenzene	20.0	18.8	94	77 - 130	
Xylenes, Total	60.0	56.0	93	70 - 130	
Styrene	20.0	18.4	92	75 - 127	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-15245

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-15245/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/25/2009 2255
Date Prepared: 08/25/2009 2255

Analysis Batch: 460-15245
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30495.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	20.0	20.0	100	70 - 130	
1,3-Dichlorobenzene	20.0	18.8	94	80 - 120	
1,4-Dichlorobenzene	20.0	18.7	93	80 - 120	
1,2-Dichlorobenzene	20.0	18.7	93	80 - 120	
1,2,4-Trichlorobenzene	20.0	19.1	95	70 - 130	
1,2-Dibromoethane	20.0	18.9	95	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	56 - 125
Toluene-d8 (Surr)	93	72 - 127
Bromofluorobenzene	111	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15245

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4928-C-5 MS	Analysis Batch:	460-15245	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30499.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/26/2009 0107			Final Weight/Volume:	5 mL
Date Prepared:	08/26/2009 0107				

MSD Lab Sample ID:	460-4928-C-5 MSD	Analysis Batch:	460-15245	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30500.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/26/2009 0133			Final Weight/Volume:	5 mL
Date Prepared:	08/26/2009 0133				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	117	123	70 - 130	4	30		
Chloromethane	94	100	69 - 134	6	30		
Bromomethane	68	80	64 - 145	16	30		
Vinyl chloride	105	112	74 - 128	6	30		
Chloroethane	119	132	52 - 155	10	30		
Trichlorofluoromethane	113	122	51 - 165	7	30		
Freon TF	84	93	70 - 130	10	30		
Methylene Chloride	81	95	78 - 129	15	30		
Acetone	128	141	69 - 143	10	30		
Carbon disulfide	71	82	71 - 129	13	30		
Methyl acetate	96	112	70 - 130	15	30		
1,1-Dichloroethene	91	105	67 - 133	14	30		
1,1-Dichloroethane	78	89	73 - 129	13	30		
cis-1,2-Dichloroethene	85	95	80 - 120	11	30		
trans-1,2-Dichloroethene	83	97	78 - 129	16	30		
MTBE	90	105	70 - 130	15	30		
Chloroform	91	106	80 - 120	15	30		
1,2-Dichloroethane	90	103	79 - 129	13	30		
2-Butanone	119	139	58 - 131	15	30		F
1,1,1-Trichloroethane	99	112	77 - 130	13	30		
Cyclohexane	87	99	70 - 130	14	30		
Carbon tetrachloride	105	117	76 - 131	10	30		
Bromodichloromethane	88	99	76 - 124	11	30		
1,2-Dichloropropane	83	95	76 - 127	13	30		
cis-1,3-Dichloropropene	79	90	80 - 120	12	30	F	
Trichloroethene	94	102	75 - 127	9	30		
Methylcyclohexane	92	104	70 - 130	11	30		
Dibromochloromethane	86	101	80 - 120	15	30		
1,1,2-Trichloroethane	89	92	76 - 130	4	30		
Benzene	76	88	73 - 131	15	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15245

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4928-C-5 MS	Analysis Batch:	460-15245	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30499.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/26/2009 0107			Final Weight/Volume:	5 mL
Date Prepared:	08/26/2009 0107				

MSD Lab Sample ID:	460-4928-C-5 MSD	Analysis Batch:	460-15245	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30500.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/26/2009 0133			Final Weight/Volume:	5 mL
Date Prepared:	08/26/2009 0133				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	83	94	76 - 126	12	30		
Bromoform	93	106	56 - 129	13	30		
Isopropylbenzene	76	96	70 - 130	6	30		
4-Methyl-2-pentanone	110	131	60 - 130	17	30		F
2-Hexanone	103	124	53 - 135	19	30		
Tetrachloroethene	89	104	78 - 125	16	30		
Toluene	101	150	78 - 128	5	30	4	4
1,1,2,2-Tetrachloroethane	93	104	65 - 129	12	30		
Chlorobenzene	84	97	79 - 125	14	30		
Ethylbenzene	79	110	77 - 130	4	30	4	4
Xylenes, Total	70	98	70 - 130	3	30	4	4
Styrene	85	97	75 - 127	13	30		
1,2-Dibromo-3-Chloropropane	100	106	70 - 130	5	30		
1,3-Dichlorobenzene	84	96	80 - 120	14	30		
1,4-Dichlorobenzene	87	95	80 - 120	10	30		
1,2-Dichlorobenzene	86	98	80 - 120	13	30		
1,2,4-Trichlorobenzene	91	102	70 - 130	11	30		
1,2-Dibromoethane	85	96	70 - 130	12	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	93	56 - 125
Toluene-d8 (Surr)	92	94	72 - 127
Bromofluorobenzene	109	108	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15245

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4928-C-5 MS	Units: ug/L	MSD Lab Sample ID:	460-4928-C-5 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	08/26/2009 0107		Date Analyzed:	08/26/2009 0133	
Date Prepared:	08/26/2009 0107		Date Prepared:	08/26/2009 0133	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	1.0	U	20.0	20.0	23.5		24.6	
Chloromethane	1.0	U	20.0	20.0	18.8		19.9	
Bromomethane	1.0	U	20.0	20.0	13.6		15.9	
Vinyl chloride	1.0	U	20.0	20.0	21.1		22.4	
Chloroethane	1.0	U	20.0	20.0	23.8		26.3	
Trichlorofluoromethane	1.0	U	20.0	20.0	22.7		24.4	
Freon TF	1.0	U	20.0	20.0	16.8		18.6	
Methylene Chloride	1.0	U	20.0	20.0	16.3		18.9	
Acetone	10	U	20.0	20.0	25.7		28.2	
Carbon disulfide	1.0	U	20.0	20.0	14.3		16.3	
Methyl acetate	2.0	U	20.0	20.0	19.2		22.3	
1,1-Dichloroethene	1.0	U	20.0	20.0	18.2		21.0	
1,1-Dichloroethane	1.0	U	20.0	20.0	15.6		17.9	
cis-1,2-Dichloroethene	0.31	J	20.0	20.0	17.3		19.2	
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	16.6		19.4	
MTBE	1.0	U	20.0	20.0	18.1		21.0	
Chloroform	1.0	U	20.0	20.0	18.2		21.2	
1,2-Dichloroethane	1.0	U	20.0	20.0	18.0		20.6	
2-Butanone	10	U	20.0	20.0	23.8		27.8	F
1,1,1-Trichloroethane	1.0	U	20.0	20.0	19.8		22.5	
Cyclohexane	1.0	U	20.0	20.0	17.3		19.9	
Carbon tetrachloride	1.0	U	20.0	20.0	21.1		23.4	
Bromodichloromethane	1.0	U	20.0	20.0	17.6		19.7	
1,2-Dichloropropane	1.0	U	20.0	20.0	16.7		19.1	
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	15.8	F	17.9	
Trichloroethene	1.0	U	20.0	20.0	18.7		20.4	
Methylcyclohexane	1.5		20.0	20.0	20.0		22.3	
Dibromochloromethane	1.0	U	20.0	20.0	17.3		20.1	
1,1,2-Trichloroethane	1.0	U	20.0	20.0	17.8		18.5	
Benzene	1.0	U	20.0	20.0	15.1		17.6	
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	16.6		18.8	
Bromoform	1.0	U	20.0	20.0	18.6		21.3	
Isopropylbenzene	44		20.0	20.0	59.4		63.4	
4-Methyl-2-pentanone	10	U	20.0	20.0	21.9		26.1	F
2-Hexanone	10	U	20.0	20.0	20.6		24.8	
Tetrachloroethene	1.0	U	20.0	20.0	17.8		20.8	
Toluene	190		20.0	20.0	206	4	216	4
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	18.5		20.9	
Chlorobenzene	1.1		20.0	20.0	17.9		20.6	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15245

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-4928-C-5 MS	Units: ug/L	MSD Lab Sample ID:	460-4928-C-5 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	08/26/2009 0107		Date Analyzed:	08/26/2009 0133	
Date Prepared:	08/26/2009 0107		Date Prepared:	08/26/2009 0133	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Ethylbenzene	130		20.0	20.0	141	4	147	4
Xylenes, Total	500		60.0	60.0	547	4	564	4
Styrene	1.0	U	20.0	20.0	17.0		19.4	
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	20.0		21.1	
1,3-Dichlorobenzene	1.0	U	20.0	20.0	16.8		19.3	
1,4-Dichlorobenzene	1.0	U	20.0	20.0	17.3		19.1	
1,2-Dichlorobenzene	0.78	J	20.0	20.0	18.0		20.4	
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	18.1		20.3	
1,2-Dibromoethane	1.0	U	20.0	20.0	17.1		19.3	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-15423

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15423/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 0950
Date Prepared: 08/27/2009 0950

Analysis Batch: 460-15423
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30566.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-15423

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15423/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 0950
Date Prepared: 08/27/2009 0950

Analysis Batch: 460-15423
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30566.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	56 - 125
Toluene-d8 (Surr)	96	72 - 127
Bromofluorobenzene	97	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-15423

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-15423/3	Analysis Batch:	460-15423	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30563.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 0834			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 0834				

LCSD Lab Sample ID:	LCSD 460-15423/4	Analysis Batch:	460-15423	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30564.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 0859			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 0859				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dichlorodifluoromethane	108	105	70 - 130	3	30		
Chloromethane	101	105	69 - 134	4	30		
Bromomethane	115	115	64 - 145	1	30		
Vinyl chloride	111	109	74 - 128	2	30		
Chloroethane	91	92	52 - 155	1	30		
Trichlorofluoromethane	94	94	51 - 165	0	30		
Freon TF	89	88	70 - 130	2	30		
Methylene Chloride	94	97	78 - 129	4	30		
Acetone	101	114	69 - 143	12	30		
Carbon disulfide	85	86	71 - 129	1	30		
Methyl acetate	93	96	70 - 130	2	30		
1,1-Dichloroethene	104	105	67 - 133	1	30		
1,1-Dichloroethane	93	95	73 - 129	2	30		
cis-1,2-Dichloroethene	93	97	80 - 120	4	30		
trans-1,2-Dichloroethene	91	95	78 - 129	4	30		
MTBE	92	92	70 - 130	0	30		
Chloroform	94	97	80 - 120	3	30		
1,2-Dichloroethane	91	93	79 - 129	2	30		
2-Butanone	92	93	58 - 131	0	30		
1,1,1-Trichloroethane	95	99	77 - 130	4	30		
Cyclohexane	89	92	70 - 130	2	30		
Carbon tetrachloride	99	98	76 - 131	1	30		
Bromodichloromethane	94	94	76 - 124	0	30		
1,2-Dichloropropane	93	96	76 - 127	3	30		
cis-1,3-Dichloropropene	94	97	80 - 120	3	30		
Trichloroethene	92	94	75 - 127	2	30		
Methylcyclohexane	91	91	70 - 130	0	30		
Dibromochloromethane	95	94	80 - 120	1	30		
1,1,2-Trichloroethane	94	96	76 - 130	2	30		
Benzene	90	94	73 - 131	4	30		
trans-1,3-Dichloropropene	96	96	76 - 126	0	30		
Bromoform	95	98	56 - 129	3	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-15423

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-15423/3	Analysis Batch:	460-15423	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30563.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 0834			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 0834				

LCSD Lab Sample ID:	LCSD 460-15423/4	Analysis Batch:	460-15423	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30564.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 0859			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 0859				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Isopropylbenzene	97	100	70 - 130	3	30		
4-Methyl-2-pentanone	97	97	60 - 130	0	30		
2-Hexanone	93	102	53 - 135	9	30		
Tetrachloroethene	97	97	78 - 125	0	30		
Toluene	91	92	78 - 128	2	30		
1,1,2,2-Tetrachloroethane	101	102	65 - 129	1	30		
Chlorobenzene	92	93	79 - 125	1	30		
Ethylbenzene	92	94	77 - 130	3	30		
Xylenes, Total	93	95	70 - 130	2	30		
Styrene	90	93	75 - 127	4	30		
1,2-Dibromo-3-Chloropropane	98	105	70 - 130	7	30		
1,3-Dichlorobenzene	94	95	80 - 120	1	30		
1,4-Dichlorobenzene	95	96	80 - 120	1	30		
1,2-Dichlorobenzene	94	96	80 - 120	2	30		
1,2,4-Trichlorobenzene	96	97	70 - 130	1	30		
1,2-Dibromoethane	94	96	70 - 130	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	102	56 - 125
Toluene-d8 (Surr)	98	98	72 - 127
Bromofluorobenzene	102	99	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-15423

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-15423/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-15423/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	08/27/2009 0834			Date Analyzed:	08/27/2009 0859
Date Prepared:	08/27/2009 0834			Date Prepared:	08/27/2009 0859

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Dichlorodifluoromethane	20.0	20.0	21.6	21.0
Chloromethane	20.0	20.0	20.1	20.9
Bromomethane	20.0	20.0	22.9	23.1
Vinyl chloride	20.0	20.0	22.2	21.7
Chloroethane	20.0	20.0	18.1	18.4
Trichlorofluoromethane	20.0	20.0	18.8	18.8
Freon TF	20.0	20.0	17.8	17.5
Methylene Chloride	20.0	20.0	18.7	19.4
Acetone	20.0	20.0	20.3	22.9
Carbon disulfide	20.0	20.0	17.1	17.3
Methyl acetate	20.0	20.0	18.7	19.1
1,1-Dichloroethene	20.0	20.0	20.8	20.9
1,1-Dichloroethane	20.0	20.0	18.6	19.0
cis-1,2-Dichloroethene	20.0	20.0	18.6	19.3
trans-1,2-Dichloroethene	20.0	20.0	18.3	19.1
MTBE	20.0	20.0	18.4	18.4
Chloroform	20.0	20.0	18.8	19.4
1,2-Dichloroethane	20.0	20.0	18.1	18.6
2-Butanone	20.0	20.0	18.5	18.5
1,1,1-Trichloroethane	20.0	20.0	19.0	19.8
Cyclohexane	20.0	20.0	17.9	18.3
Carbon tetrachloride	20.0	20.0	19.7	19.6
Bromodichloromethane	20.0	20.0	18.8	18.7
1,2-Dichloropropane	20.0	20.0	18.6	19.1
cis-1,3-Dichloropropene	20.0	20.0	18.8	19.3
Trichloroethene	20.0	20.0	18.4	18.8
Methylcyclohexane	20.0	20.0	18.2	18.1
Dibromochloromethane	20.0	20.0	18.9	18.7
1,1,2-Trichloroethane	20.0	20.0	18.8	19.1
Benzene	20.0	20.0	18.0	18.8
trans-1,3-Dichloropropene	20.0	20.0	19.2	19.1
Bromoform	20.0	20.0	19.0	19.5
Isopropylbenzene	20.0	20.0	19.4	19.9
4-Methyl-2-pentanone	20.0	20.0	19.3	19.3
2-Hexanone	20.0	20.0	18.5	20.3
Tetrachloroethene	20.0	20.0	19.5	19.4
Toluene	20.0	20.0	18.1	18.5
1,1,2,2-Tetrachloroethane	20.0	20.0	20.3	20.4
Chlorobenzene	20.0	20.0	18.3	18.5

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-15423

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-15423/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-15423/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	08/27/2009 0834			Date Analyzed:	08/27/2009 0859
Date Prepared:	08/27/2009 0834			Date Prepared:	08/27/2009 0859

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Ethylbenzene	20.0	20.0	18.4	18.9
Xylenes, Total	60.0	60.0	55.8	56.7
Styrene	20.0	20.0	17.9	18.7
1,2-Dibromo-3-Chloropropane	20.0	20.0	19.6	21.0
1,3-Dichlorobenzene	20.0	20.0	18.7	19.0
1,4-Dichlorobenzene	20.0	20.0	19.0	19.2
1,2-Dichlorobenzene	20.0	20.0	18.8	19.2
1,2,4-Trichlorobenzene	20.0	20.0	19.1	19.4
1,2-Dibromoethane	20.0	20.0	18.8	19.1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15423

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5074-E-1 MS	Analysis Batch:	460-15423	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30574.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1446			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1446				

MSD Lab Sample ID:	460-5074-C-1 MSD	Analysis Batch:	460-15423	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30575.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1512			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1512				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	0	0	70 - 130	NC	30	U F	U F
Chloromethane	108	111	69 - 134	3	30		
Bromomethane	93	100	64 - 145	7	30		
Vinyl chloride	109	114	74 - 128	5	30		
Chloroethane	90	99	52 - 155	9	30		
Trichlorofluoromethane	93	95	51 - 165	2	30		
Freon TF	77	80	70 - 130	4	30		
Methylene Chloride	92	95	78 - 129	3	30		
Acetone	98	99	69 - 143	0	30		
Carbon disulfide	77	80	71 - 129	3	30		
Methyl acetate	93	96	70 - 130	4	30		
1,1-Dichloroethene	97	97	67 - 133	0	30		
1,1-Dichloroethane	93	95	73 - 129	3	30		
cis-1,2-Dichloroethene	92	94	80 - 120	2	30		
trans-1,2-Dichloroethene	91	92	78 - 129	0	30		
MTBE	87	89	70 - 130	2	30		
Chloroform	95	99	80 - 120	4	30		
1,2-Dichloroethane	93	94	79 - 129	1	30		
2-Butanone	94	96	58 - 131	2	30		
1,1,1-Trichloroethane	94	97	77 - 130	3	30		
Cyclohexane	83	87	70 - 130	4	30		
Carbon tetrachloride	100	99	76 - 131	1	30		
Bromodichloromethane	95	96	76 - 124	1	30		
1,2-Dichloropropane	94	97	76 - 127	3	30		
cis-1,3-Dichloropropene	95	96	80 - 120	1	30		
Trichloroethene	92	94	75 - 127	3	30		
Methylcyclohexane	83	86	70 - 130	4	30		
Dibromochloromethane	95	93	80 - 120	2	30		
1,1,2-Trichloroethane	94	95	76 - 130	2	30		
Benzene	91	92	73 - 131	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15423

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5074-E-1 MS	Analysis Batch:	460-15423	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30574.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1446			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1446				

MSD Lab Sample ID:	460-5074-C-1 MSD	Analysis Batch:	460-15423	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30575.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/27/2009 1512			Final Weight/Volume:	5 mL
Date Prepared:	08/27/2009 1512				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	92	95	76 - 126	4	30		
Bromoform	95	94	56 - 129	1	30		
Isopropylbenzene	99	102	70 - 130	3	30		
4-Methyl-2-pentanone	92	91	60 - 130	1	30		
2-Hexanone	92	92	53 - 135	0	30		
Tetrachloroethene	98	95	78 - 125	4	30		
Toluene	91	94	78 - 128	3	30		
1,1,2,2-Tetrachloroethane	99	99	65 - 129	0	30		
Chlorobenzene	94	95	79 - 125	1	30		
Ethylbenzene	94	95	77 - 130	1	30		
Xylenes, Total	94	95	70 - 130	1	30		
Styrene	93	92	75 - 127	2	30		
1,2-Dibromo-3-Chloropropane	93	99	70 - 130	6	30		
1,3-Dichlorobenzene	94	93	80 - 120	1	30		
1,4-Dichlorobenzene	96	98	80 - 120	2	30		
1,2-Dichlorobenzene	92	94	80 - 120	2	30		
1,2,4-Trichlorobenzene	91	97	70 - 130	7	30		
1,2-Dibromoethane	93	96	70 - 130	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	102	56 - 125
Toluene-d8 (Surr)	98	99	72 - 127
Bromofluorobenzene	100	98	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15423

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5074-E-1 MS	Units: ug/L	MSD Lab Sample ID:	460-5074-C-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	08/27/2009 1446		Date Analyzed:	08/27/2009 1512	
Date Prepared:	08/27/2009 1446		Date Prepared:	08/27/2009 1512	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	1.0	U	20.0	20.0	1.0	U F	1.0	U F
Chloromethane	1.0	U	20.0	20.0	21.6		22.2	
Bromomethane	1.0	U	20.0	20.0	18.6		20.0	
Vinyl chloride	1.0	U	20.0	20.0	21.8		22.8	
Chloroethane	1.0	U	20.0	20.0	18.0		19.7	
Trichlorofluoromethane	1.0	U	20.0	20.0	18.7		19.0	
Freon TF	1.0	U	20.0	20.0	15.3		16.0	
Methylene Chloride	1.0	U	20.0	20.0	18.4		19.0	
Acetone	10	U	20.0	20.0	19.6		19.7	
Carbon disulfide	1.0	U	20.0	20.0	15.5		15.9	
Methyl acetate	2.0	U	20.0	20.0	18.5		19.2	
1,1-Dichloroethene	1.0	U	20.0	20.0	19.4		19.4	
1,1-Dichloroethane	1.0	U	20.0	20.0	18.5		19.0	
cis-1,2-Dichloroethene	1.0	U	20.0	20.0	18.4		18.8	
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	18.3		18.3	
MTBE	0.36	J	20.0	20.0	17.8		18.1	
Chloroform	1.0	U	20.0	20.0	19.1		19.9	
1,2-Dichloroethane	1.0	U	20.0	20.0	18.6		18.8	
2-Butanone	10	U	20.0	20.0	18.8		19.2	
1,1,1-Trichloroethane	1.0	U	20.0	20.0	18.9		19.5	
Cyclohexane	1.0	U	20.0	20.0	16.7		17.4	
Carbon tetrachloride	1.0	U	20.0	20.0	19.9		19.7	
Bromodichloromethane	1.0	U	20.0	20.0	18.9		19.2	
1,2-Dichloropropane	1.0	U	20.0	20.0	18.9		19.4	
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	19.0		19.2	
Trichloroethene	1.0	U	20.0	20.0	18.3		18.8	
Methylcyclohexane	1.0	U	20.0	20.0	16.5		17.2	
Dibromochloromethane	1.0	U	20.0	20.0	18.9		18.5	
1,1,2-Trichloroethane	1.0	U	20.0	20.0	18.7		19.1	
Benzene	1.0	U	20.0	20.0	18.3		18.4	
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	18.3		19.0	
Bromoform	1.0	U	20.0	20.0	19.0		18.8	
Isopropylbenzene	1.0	U	20.0	20.0	19.7		20.3	
4-Methyl-2-pentanone	10	U	20.0	20.0	18.4		18.2	
2-Hexanone	10	U	20.0	20.0	18.4		18.4	
Tetrachloroethene	1.0	U	20.0	20.0	19.7		19.0	
Toluene	1.0	U	20.0	20.0	18.3		18.7	
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	19.8		19.7	
Chlorobenzene	1.0	U	20.0	20.0	18.9		19.0	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15423

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5074-E-1 MS	Units: ug/L	MSD Lab Sample ID:	460-5074-C-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	08/27/2009 1446		Date Analyzed:	08/27/2009 1512	
Date Prepared:	08/27/2009 1446		Date Prepared:	08/27/2009 1512	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Ethylbenzene	1.0	U	20.0	20.0	18.7	18.9
Xylenes, Total	3.0	U	60.0	60.0	56.3	57.1
Styrene	1.0	U	20.0	20.0	18.7	18.3
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	18.5	19.7
1,3-Dichlorobenzene	1.0	U	20.0	20.0	18.7	18.6
1,4-Dichlorobenzene	1.0	U	20.0	20.0	19.2	19.6
1,2-Dichlorobenzene	1.0	U	20.0	20.0	18.4	18.9
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	18.1	19.4
1,2-Dibromoethane	1.0	U	20.0	20.0	18.5	19.3

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-15569

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15569/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0926
Date Prepared: 08/28/2009 0926

Analysis Batch: 460-15569
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30592.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-15569

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15569/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0926
Date Prepared: 08/28/2009 0926

Analysis Batch: 460-15569
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30592.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	56 - 125
Toluene-d8 (Surr)	95	72 - 127
Bromofluorobenzene	102	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-15569

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-15569/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1036
Date Prepared: 08/28/2009 1036

Analysis Batch: 460-15569
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30593.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	21.3	107	70 - 130	
Chloromethane	20.0	20.2	101	69 - 134	
Bromomethane	20.0	18.0	90	64 - 145	
Vinyl chloride	20.0	21.3	107	74 - 128	
Chloroethane	20.0	17.6	88	52 - 155	
Trichlorofluoromethane	20.0	18.3	91	51 - 165	
Freon TF	20.0	17.5	87	70 - 130	
Methylene Chloride	20.0	19.0	95	78 - 129	
Acetone	20.0	20.9	104	69 - 143	
Carbon disulfide	20.0	16.3	82	71 - 129	
Methyl acetate	20.0	19.5	98	70 - 130	
1,1-Dichloroethene	20.0	20.7	104	67 - 133	
1,1-Dichloroethane	20.0	19.6	98	73 - 129	
cis-1,2-Dichloroethene	20.0	20.0	100	80 - 120	
trans-1,2-Dichloroethene	20.0	18.9	95	78 - 129	
MTBE	20.0	18.6	93	70 - 130	
Chloroform	20.0	20.2	101	80 - 120	
1,2-Dichloroethane	20.0	19.4	97	79 - 129	
2-Butanone	20.0	20.0	100	58 - 131	
1,1,1-Trichloroethane	20.0	20.5	103	77 - 130	
Cyclohexane	20.0	18.8	94	70 - 130	
Carbon tetrachloride	20.0	20.1	101	76 - 131	
Bromodichloromethane	20.0	19.8	99	76 - 124	
1,2-Dichloropropane	20.0	20.1	100	76 - 127	
cis-1,3-Dichloropropene	20.0	20.5	102	80 - 120	
Trichloroethene	20.0	19.6	98	75 - 127	
Methylcyclohexane	20.0	18.2	91	70 - 130	
Dibromochloromethane	20.0	20.2	101	80 - 120	
1,1,2-Trichloroethane	20.0	20.0	100	76 - 130	
Benzene	20.0	19.0	95	73 - 131	
trans-1,3-Dichloropropene	20.0	19.8	99	76 - 126	
Bromoform	20.0	20.1	101	56 - 129	
Isopropylbenzene	20.0	20.9	105	70 - 130	
4-Methyl-2-pentanone	20.0	19.0	95	60 - 130	
2-Hexanone	20.0	20.2	101	53 - 135	
Tetrachloroethene	20.0	20.1	100	78 - 125	
Toluene	20.0	19.0	95	78 - 128	
1,1,2,2-Tetrachloroethane	20.0	20.9	104	65 - 129	
Chlorobenzene	20.0	19.5	98	79 - 125	
Ethylbenzene	20.0	20.1	100	77 - 130	
Xylenes, Total	60.0	59.1	98	70 - 130	
Styrene	20.0	19.3	96	75 - 127	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-15569

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-15569/4	Analysis Batch:	460-15569	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30593.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	08/28/2009 1036			Final Weight/Volume:	5 mL
Date Prepared:	08/28/2009 1036				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	20.0	19.7	98	70 - 130	
1,3-Dichlorobenzene	20.0	19.9	99	80 - 120	
1,4-Dichlorobenzene	20.0	19.9	100	80 - 120	
1,2-Dichlorobenzene	20.0	19.3	97	80 - 120	
1,2,4-Trichlorobenzene	20.0	20.1	101	70 - 130	
1,2-Dibromoethane	20.0	19.7	98	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	56 - 125
Toluene-d8 (Surr)	96	72 - 127
Bromofluorobenzene	101	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15569

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5002-C-21 MS	Analysis Batch: 460-15569	Instrument ID: VOAMS13
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p30594.d
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	08/28/2009 1106		Final Weight/Volume: 5 mL
Date Prepared:	08/28/2009 1106		

MSD Lab Sample ID:	460-5002-C-21 MSD	Analysis Batch: 460-15569	Instrument ID: VOAMS13
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p30595.d
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	08/28/2009 1132		Final Weight/Volume: 5 mL
Date Prepared:	08/28/2009 1132		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	114	104	70 - 130	9	30		
Chloromethane	109	101	69 - 134	7	30		
Bromomethane	91	92	64 - 145	0	30		
Vinyl chloride	113	105	74 - 128	7	30		
Chloroethane	94	90	52 - 155	4	30		
Trichlorofluoromethane	98	94	51 - 165	4	30		
Freon TF	83	78	70 - 130	5	30		
Methylene Chloride	97	89	78 - 129	8	30		
Acetone	103	102	69 - 143	0	30		
Carbon disulfide	76	72	71 - 129	6	30		
Methyl acetate	95	91	70 - 130	4	30		
1,1-Dichloroethene	98	94	67 - 133	4	30		
1,1-Dichloroethane	94	90	73 - 129	5	30		
cis-1,2-Dichloroethene	97	90	80 - 120	8	30		
trans-1,2-Dichloroethene	92	86	78 - 129	7	30		
MTBE	90	87	70 - 130	3	30		
Chloroform	101	95	80 - 120	6	30		
1,2-Dichloroethane	94	90	79 - 129	5	30		
2-Butanone	97	94	58 - 131	4	30		
1,1,1-Trichloroethane	99	94	77 - 130	5	30		
Cyclohexane	90	85	70 - 130	5	30		
Carbon tetrachloride	101	95	76 - 131	6	30		
Bromodichloromethane	101	96	76 - 124	5	30		
1,2-Dichloropropane	97	92	76 - 127	6	30		
cis-1,3-Dichloropropene	98	94	80 - 120	4	30		
Trichloroethene	94	91	75 - 127	4	30		
Methylcyclohexane	93	89	70 - 130	5	30		
Dibromochloromethane	98	95	80 - 120	3	30		
1,1,2-Trichloroethane	98	93	76 - 130	5	30		
Benzene	97	90	73 - 131	5	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15569

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5002-C-21 MS	Analysis Batch: 460-15569	Instrument ID: VOAMS13
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p30594.d
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	08/28/2009 1106		Final Weight/Volume: 5 mL
Date Prepared:	08/28/2009 1106		

MSD Lab Sample ID:	460-5002-C-21 MSD	Analysis Batch: 460-15569	Instrument ID: VOAMS13
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p30595.d
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	08/28/2009 1132		Final Weight/Volume: 5 mL
Date Prepared:	08/28/2009 1132		

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	98	93	76 - 126	5	30		
Bromoform	102	96	56 - 129	6	30		
Isopropylbenzene	103	97	70 - 130	5	30		
4-Methyl-2-pentanone	96	97	60 - 130	1	30		
2-Hexanone	100	97	53 - 135	3	30		
Tetrachloroethene	103	97	78 - 125	6	30		
Toluene	94	89	78 - 128	6	30		
1,1,2,2-Tetrachloroethane	104	102	65 - 129	2	30		
Chlorobenzene	144	91	79 - 125	5	30	4	4
Ethylbenzene	98	95	77 - 130	3	30		
Xylenes, Total	96	93	70 - 130	3	30		
Styrene	96	90	75 - 127	6	30		
1,2-Dibromo-3-Chloropropane	101	96	70 - 130	5	30		
1,3-Dichlorobenzene	98	93	80 - 120	5	30		
1,4-Dichlorobenzene	99	94	80 - 120	6	30		
1,2-Dichlorobenzene	98	94	80 - 120	4	30		
1,2,4-Trichlorobenzene	99	93	70 - 130	7	30		
1,2-Dibromoethane	98	92	70 - 130	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	93	56 - 125
Toluene-d8 (Surr)	99	95	72 - 127
Bromofluorobenzene	103	100	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15569

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5002-C-21 MS	Units: ug/L	MSD Lab Sample ID:	460-5002-C-21 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Date Analyzed:	08/28/2009 1106		Date Analyzed:	08/28/2009 1132	
Date Prepared:	08/28/2009 1106		Date Prepared:	08/28/2009 1132	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	10	U	200	200	227		208	
Chloromethane	10	U	200	200	217		202	
Bromomethane	10	U	200	200	183		184	
Vinyl chloride	10	U	200	200	225		211	
Chloroethane	10	U	200	200	188		181	
Trichlorofluoromethane	10	U	200	200	195		187	
Freon TF	10	U	200	200	165		157	
Methylene Chloride	10	U	200	200	194		179	
Acetone	100	U	200	200	206		205	
Carbon disulfide	10	U	200	200	153		145	
Methyl acetate	20	U	200	200	191		182	
1,1-Dichloroethene	10	U	200	200	196		189	
1,1-Dichloroethane	10	U	200	200	188		179	
cis-1,2-Dichloroethene	10	U	200	200	195		179	
trans-1,2-Dichloroethene	10	U	200	200	185		172	
MTBE	10	U	200	200	181		175	
Chloroform	10	U	200	200	201		190	
1,2-Dichloroethane	10	U	200	200	189		180	
2-Butanone	100	U	200	200	195		188	
1,1,1-Trichloroethane	10	U	200	200	198		188	
Cyclohexane	10	U	200	200	180		171	
Carbon tetrachloride	10	U	200	200	201		190	
Bromodichloromethane	10	U	200	200	202		193	
1,2-Dichloropropane	10	U	200	200	195		184	
cis-1,3-Dichloropropene	10	U	200	200	196		188	
Trichloroethene	10	U	200	200	189		181	
Methylcyclohexane	10	U	200	200	187		178	
Dibromochloromethane	10	U	200	200	196		190	
1,1,2-Trichloroethane	10	U	200	200	195		186	
Benzene	95		200	200	288		275	
trans-1,3-Dichloropropene	10	U	200	200	195		186	
Bromoform	10	U	200	200	204		192	
Isopropylbenzene	10	U	200	200	206		195	
4-Methyl-2-pentanone	100	U	200	200	191		193	
2-Hexanone	100	U	200	200	200		194	
Tetrachloroethene	10	U	200	200	206		195	
Toluene	10	U	200	200	189		177	
1,1,2,2-Tetrachloroethane	10	U	200	200	207		203	
Chlorobenzene	1700		200	200	2030	4	1920	4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15569

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5002-C-21 MS	Units: ug/L	MSD Lab Sample ID:	460-5002-C-21 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Date Analyzed:	08/28/2009 1106		Date Analyzed:	08/28/2009 1132	
Date Prepared:	08/28/2009 1106		Date Prepared:	08/28/2009 1132	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Ethylbenzene	10	U	200	200	196	190
Xylenes, Total	30	U	600	600	578	559
Styrene	10	U	200	200	192	180
1,2-Dibromo-3-Chloropropane	10	U	200	200	203	193
1,3-Dichlorobenzene	10	U	200	200	196	186
1,4-Dichlorobenzene	6.6	J	200	200	205	194
1,2-Dichlorobenzene	27		200	200	223	216
1,2,4-Trichlorobenzene	10	U	200	200	199	186
1,2-Dibromoethane	10	U	200	200	195	185

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-15720

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15720/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/31/2009 1017
Date Prepared: 08/31/2009 1017

Analysis Batch: 460-15720
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30622.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-15720

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-15720/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/31/2009 1017
Date Prepared: 08/31/2009 1017

Analysis Batch: 460-15720
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30622.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	56 - 125
Toluene-d8 (Surr)	100	72 - 127
Bromofluorobenzene	110	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-15720

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-15720/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/31/2009 0916
Date Prepared: 08/31/2009 0916

Analysis Batch: 460-15720
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p30620.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	19.7	99	70 - 130	
Chloromethane	20.0	19.9	99	69 - 134	
Bromomethane	20.0	20.2	101	64 - 145	
Vinyl chloride	20.0	20.8	104	74 - 128	
Chloroethane	20.0	17.7	89	52 - 155	
Trichlorofluoromethane	20.0	17.7	88	51 - 165	
Freon TF	20.0	17.6	88	70 - 130	
Methylene Chloride	20.0	20.0	100	78 - 129	
Acetone	20.0	23.6	118	69 - 143	
Carbon disulfide	20.0	17.6	88	71 - 129	
Methyl acetate	20.0	21.7	109	70 - 130	
1,1-Dichloroethene	20.0	21.1	105	67 - 133	
1,1-Dichloroethane	20.0	20.0	100	73 - 129	
cis-1,2-Dichloroethene	20.0	20.0	100	80 - 120	
trans-1,2-Dichloroethene	20.0	18.8	94	78 - 129	
MTBE	20.0	20.1	100	70 - 130	
Chloroform	20.0	20.4	102	80 - 120	
1,2-Dichloroethane	20.0	19.7	99	79 - 129	
2-Butanone	20.0	21.3	107	58 - 131	
1,1,1-Trichloroethane	20.0	19.5	98	77 - 130	
Cyclohexane	20.0	18.5	93	70 - 130	
Carbon tetrachloride	20.0	20.0	100	76 - 131	
Bromodichloromethane	20.0	20.0	100	76 - 124	
1,2-Dichloropropane	20.0	20.1	101	76 - 127	
cis-1,3-Dichloropropene	20.0	20.9	105	80 - 120	
Trichloroethene	20.0	18.6	93	75 - 127	
Methylcyclohexane	20.0	18.1	90	70 - 130	
Dibromochloromethane	20.0	20.8	104	80 - 120	
1,1,2-Trichloroethane	20.0	21.1	105	76 - 130	
Benzene	20.0	19.1	96	73 - 131	
trans-1,3-Dichloropropene	20.0	20.8	104	76 - 126	
Bromoform	20.0	21.5	107	56 - 129	
Isopropylbenzene	20.0	20.6	103	70 - 130	
4-Methyl-2-pentanone	20.0	23.1	116	60 - 130	
2-Hexanone	20.0	21.8	109	53 - 135	
Tetrachloroethene	20.0	19.4	97	78 - 125	
Toluene	20.0	19.0	95	78 - 128	
1,1,2,2-Tetrachloroethane	20.0	22.5	112	65 - 129	
Chlorobenzene	20.0	19.3	96	79 - 125	
Ethylbenzene	20.0	19.8	99	77 - 130	
Xylenes, Total	60.0	58.4	97	70 - 130	
Styrene	20.0	19.4	97	75 - 127	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-15720

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-15720/3	Analysis Batch:	460-15720	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30620.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	08/31/2009 0916			Final Weight/Volume:	5 mL
Date Prepared:	08/31/2009 0916				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	20.0	22.7	113	70 - 130	
1,3-Dichlorobenzene	20.0	19.5	98	80 - 120	
1,4-Dichlorobenzene	20.0	19.7	98	80 - 120	
1,2-Dichlorobenzene	20.0	19.8	99	80 - 120	
1,2,4-Trichlorobenzene	20.0	19.9	99	70 - 130	
1,2-Dibromoethane	20.0	21.0	105	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	56 - 125
Toluene-d8 (Surr)	107	72 - 127
Bromofluorobenzene	115	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15720

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5092-B-1 MS	Analysis Batch:	460-15720	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30626.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/31/2009 1206			Final Weight/Volume:	5 mL
Date Prepared:	08/31/2009 1206				

MSD Lab Sample ID:	460-5092-A-1 MSD	Analysis Batch:	460-15720	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p30627.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/31/2009 1232			Final Weight/Volume:	5 mL
Date Prepared:	08/31/2009 1232				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	105	111	70 - 130	6	30		
Chloromethane	103	111	69 - 134	7	30		
Bromomethane	85	100	64 - 145	17	30		
Vinyl chloride	103	117	74 - 128	13	30		
Chloroethane	93	99	52 - 155	6	30		
Trichlorofluoromethane	89	98	51 - 165	9	30		
Freon TF	74	80	70 - 130	8	30		
Methylene Chloride	85	97	78 - 129	12	30		
Acetone	88	104	69 - 143	16	30		
Carbon disulfide	71	79	71 - 129	11	30		
Methyl acetate	87	99	70 - 130	12	30		
1,1-Dichloroethene	89	97	67 - 133	8	30		
1,1-Dichloroethane	87	94	73 - 129	8	30		
cis-1,2-Dichloroethene	86	97	80 - 120	13	30		
trans-1,2-Dichloroethene	82	92	78 - 129	11	30		
MTBE	84	96	70 - 130	13	30		
Chloroform	91	100	80 - 120	8	30		
1,2-Dichloroethane	88	95	79 - 129	8	30		
2-Butanone	87	99	58 - 131	12	30		
1,1,1-Trichloroethane	89	97	77 - 130	8	30		
Cyclohexane	81	85	70 - 130	4	30		
Carbon tetrachloride	91	97	76 - 131	7	30		
Bromodichloromethane	89	98	76 - 124	9	30		
1,2-Dichloropropane	91	100	76 - 127	9	30		
cis-1,3-Dichloropropene	91	101	80 - 120	11	30		
Trichloroethene	85	93	75 - 127	8	30		
Methylcyclohexane	79	87	70 - 130	10	30		
Dibromochloromethane	92	101	80 - 120	9	30		
1,1,2-Trichloroethane	93	100	76 - 130	8	30		
Benzene	84	95	73 - 131	12	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-15720

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5092-B-1 MS	Analysis Batch: 460-15720	Instrument ID: VOAMS13
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p30626.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/31/2009 1206		Final Weight/Volume: 5 mL
Date Prepared:	08/31/2009 1206		

MSD Lab Sample ID:	460-5092-A-1 MSD	Analysis Batch: 460-15720	Instrument ID: VOAMS13
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p30627.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/31/2009 1232		Final Weight/Volume: 5 mL
Date Prepared:	08/31/2009 1232		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	90	101	76 - 126	11	30		
Bromoform	90	106	56 - 129	16	30		
Isopropylbenzene	93	104	70 - 130	12	30		
4-Methyl-2-pentanone	92	107	60 - 130	16	30		
2-Hexanone	92	98	53 - 135	7	30		
Tetrachloroethene	90	102	78 - 125	12	30		
Toluene	85	97	78 - 128	13	30		
1,1,2,2-Tetrachloroethane	96	105	65 - 129	10	30		
Chlorobenzene	86	98	79 - 125	12	30		
Ethylbenzene	88	98	77 - 130	11	30		
Xylenes, Total	87	98	70 - 130	12	30		
Styrene	86	98	75 - 127	13	30		
1,2-Dibromo-3-Chloropropane	90	109	70 - 130	19	30		
1,3-Dichlorobenzene	87	97	80 - 120	12	30		
1,4-Dichlorobenzene	88	98	80 - 120	11	30		
1,2-Dichlorobenzene	87	96	80 - 120	10	30		
1,2,4-Trichlorobenzene	87	99	70 - 130	13	30		
1,2-Dibromoethane	89	99	70 - 130	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79	96	56 - 125
Toluene-d8 (Surr)	83	101	72 - 127
Bromofluorobenzene	91	110	72 - 145

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15720

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5092-B-1 MS	Units: ug/L	MSD Lab Sample ID:	460-5092-A-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	08/31/2009 1206		Date Analyzed:	08/31/2009 1232	
Date Prepared:	08/31/2009 1206		Date Prepared:	08/31/2009 1232	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	1.0	U	20.0	20.0	21.0	22.3
Chloromethane	1.0	U	20.0	20.0	20.7	22.2
Bromomethane	1.0	U	20.0	20.0	16.9	20.1
Vinyl chloride	1.0	U	20.0	20.0	20.6	23.4
Chloroethane	1.0	U	20.0	20.0	18.7	19.9
Trichlorofluoromethane	1.0	U	20.0	20.0	17.8	19.6
Freon TF	1.0	U	20.0	20.0	14.8	16.0
Methylene Chloride	1.0	U	20.0	20.0	17.1	19.3
Acetone	10	U	20.0	20.0	17.6	20.7
Carbon disulfide	1.0	U	20.0	20.0	14.2	15.8
Methyl acetate	2.0	U	20.0	20.0	17.4	19.8
1,1-Dichloroethene	1.0	U	20.0	20.0	17.8	19.4
1,1-Dichloroethane	1.0	U	20.0	20.0	17.4	18.8
cis-1,2-Dichloroethene	0.33	J	20.0	20.0	17.4	19.8
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	16.4	18.3
MTBE	0.30	J	20.0	20.0	17.0	19.5
Chloroform	1.8		20.0	20.0	20.1	21.8
1,2-Dichloroethane	1.0	U	20.0	20.0	17.7	19.1
2-Butanone	10	U	20.0	20.0	17.5	19.7
1,1,1-Trichloroethane	1.0	U	20.0	20.0	17.9	19.5
Cyclohexane	1.0	U	20.0	20.0	16.2	16.9
Carbon tetrachloride	1.0	U	20.0	20.0	18.2	19.5
Bromodichloromethane	1.0	U	20.0	20.0	17.9	19.6
1,2-Dichloropropane	1.0	U	20.0	20.0	18.2	19.9
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	18.1	20.3
Trichloroethene	1.0	U	20.0	20.0	17.1	18.6
Methylcyclohexane	1.0	U	20.0	20.0	15.7	17.4
Dibromochloromethane	1.0	U	20.0	20.0	18.4	20.1
1,1,2-Trichloroethane	1.0	U	20.0	20.0	18.6	20.1
Benzene	1.0	U	20.0	20.0	16.8	19.0
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	18.1	20.2
Bromoform	1.0	U	20.0	20.0	18.0	21.1
Isopropylbenzene	1.0	U	20.0	20.0	18.5	20.8
4-Methyl-2-pentanone	10	U	20.0	20.0	18.3	21.4
2-Hexanone	10	U	20.0	20.0	18.4	19.6
Tetrachloroethene	1.0	U	20.0	20.0	18.0	20.4
Toluene	1.0	U	20.0	20.0	17.0	19.3
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	19.1	21.1
Chlorobenzene	1.0	U	20.0	20.0	17.3	19.6

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-15720

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-5092-B-1 MS	Units: ug/L	MSD Lab Sample ID:	460-5092-A-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	08/31/2009 1206		Date Analyzed:	08/31/2009 1232	
Date Prepared:	08/31/2009 1206		Date Prepared:	08/31/2009 1232	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Ethylbenzene	1.0	U	20.0	20.0	17.7	19.6
Xylenes, Total	3.0	U	60.0	60.0	52.4	58.8
Styrene	1.0	U	20.0	20.0	17.1	19.6
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	17.9	21.8
1,3-Dichlorobenzene	1.0	U	20.0	20.0	17.4	19.5
1,4-Dichlorobenzene	1.0	U	20.0	20.0	17.5	19.6
1,2-Dichlorobenzene	1.0	U	20.0	20.0	17.4	19.2
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	17.4	19.8
1,2-Dibromoethane	1.0	U	20.0	20.0	17.7	19.9

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-14834

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-14834/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 1748
Date Prepared: 08/20/2009 1838

Analysis Batch: 460-15036
Prep Batch: 460-14834
Units: ug/L

Instrument ID: Agilent 7890A/5975C
Lab File ID: x2084.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Benzaldehyde	10	U	1.3	10
Phenol	10	U	0.89	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Caprolactam	10	U	0.50	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-14834

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-14834/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 1748
Date Prepared: 08/20/2009 1838

Analysis Batch: 460-15036
Prep Batch: 460-14834
Units: ug/L

Instrument ID: Agilent 7890A/5975C
Lab File ID: x2084.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.1	30
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.4	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	51	19 - 66
2-Fluorobiphenyl	92	53 - 110
Phenol-d5	36	13 - 44
Nitrobenzene-d5	100	49 - 114
2,4,6-Tribromophenol	106	52 - 122
Terphenyl-d14	107	46 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-14834

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 460-14834/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 1813
Date Prepared: 08/20/2009 1838

Analysis Batch: 460-15036
Prep Batch: 460-14834
Units: ug/L

Instrument ID: Agilent 7890A/5975C
Lab File ID: x2085.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	100	120	120	26 - 176	
Phenol	100	33.9	34	17 - 145	
Bis(2-chloroethyl)ether	100	90.2	90	47 - 122	
2-Chlorophenol	100	82.0	82	58 - 98	
2-Methylphenol	100	70.6	71	50 - 86	
Acetophenone	100	97.2	97	66 - 112	
N-Nitrosodi-n-propylamine	100	104	104	56 - 120	
Hexachloroethane	100	81.5	81	12 - 127	
Nitrobenzene	100	93.5	94	21 - 131	
Isophorone	100	95.6	96	39 - 136	
2-Nitrophenol	100	98.9	99	65 - 113	
2,4-Dimethylphenol	100	87.9	88	38 - 111	
Bis(2-chloroethoxy)methane	100	98.2	98	66 - 112	
2,4-Dichlorophenol	100	95.7	96	22 - 143	
Naphthalene	100	91.4	91	61 - 108	
4-Chloroaniline	100	94.3	94	32 - 97	
Hexachlorobutadiene	100	87.1	87	43 - 112	
Caprolactam	100	25.9	26	2 - 35	
4-Chloro-3-methylphenol	100	91.4	91	59 - 107	
2-Methylnaphthalene	100	94.5	95	57 - 110	
Hexachlorocyclopentadiene	100	83.0	83	41 - 124	
2,4,6-Trichlorophenol	100	96.4	96	65 - 117	
2,4,5-Trichlorophenol	100	105	105	66 - 111	
2-Chloronaphthalene	100	92.0	92	64 - 109	
2-Nitroaniline	100	98.0	98	65 - 116	
Dimethyl phthalate	100	108	108	68 - 110	
Acenaphthylene	100	98.0	98	63 - 110	
2,6-Dinitrotoluene	100	103	103	73 - 112	
3-Nitroaniline	100	105	105	55 - 100	*
Acenaphthene	100	96.8	97	66 - 117	
2,4-Dinitrophenol	100	92.9	93	59 - 130	
4-Nitrophenol	100	32.0	32	0.1 - 111	
Dibenzofuran	100	101	101	70 - 113	
2,4-Dinitrotoluene	100	104	104	70 - 117	
Diethyl phthalate	100	105	105	69 - 110	
4-Chlorophenyl phenyl ether	100	98.0	98	65 - 116	
Fluorene	100	102	102	70 - 110	
4-Nitroaniline	100	106	106	55 - 107	
4,6-Dinitro-2-methylphenol	100	96.4	96	58 - 129	
N-Nitrosodiphenylamine	100	109	109	61 - 111	
4-Bromophenyl phenyl ether	100	93.3	93	61 - 113	
Hexachlorobenzene	100	93.4	93	59 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-14834

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-14834/2-A	Analysis Batch:	460-15036	Instrument ID:	Agilent 7890A/5975C
Client Matrix:	Water	Prep Batch:	460-14834	Lab File ID:	x2085.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	08/21/2009 1813			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	100	83.0	83	46 - 128	
Pentachlorophenol	100	89.4	89	72 - 122	
Phenanthrene	100	98.3	98	65 - 115	
Anthracene	100	97.7	98	69 - 106	
Carbazole	100	103	103	65 - 106	
Di-n-butyl phthalate	100	96.4	96	59 - 113	
Fluoranthene	100	100	100	60 - 113	
Pyrene	100	94.1	94	66 - 115	
Butyl benzyl phthalate	100	96.7	97	66 - 110	
3,3'-Dichlorobenzidine	100	108	108	34 - 100	*
Benzo[a]anthracene	100	99.6	100	64 - 110	
Chrysene	100	101	101	67 - 115	
Bis(2-ethylhexyl) phthalate	100	93.9	94	66 - 112	
Di-n-octyl phthalate	100	95.3	95	62 - 174	
Benzo[b]fluoranthene	100	97.6	98	60 - 164	
Benzo[k]fluoranthene	100	98.7	99	48 - 199	
Benzo[a]pyrene	100	92.3	92	50 - 172	
Indeno[1,2,3-cd]pyrene	100	87.1	87	44 - 191	
Dibenz(a,h)anthracene	100	98.1	98	42 - 186	
Benzo[g,h,i]perylene	100	95.9	96	37 - 192	
Diphenyl	100	94.4	94	67 - 112	
bis (2-chloroisopropyl) ether	100	92.5	92	47 - 122	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	48	19 - 66
2-Fluorobiphenyl	100	53 - 110
Phenol-d5	32	13 - 44
Nitrobenzene-d5	102	49 - 114
2,4,6-Tribromophenol	107	52 - 122
Terphenyl-d14	105	46 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-14834

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-4869-4	Analysis Batch:	460-15714	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-14834	Lab File ID:	z3503.d
Dilution:	10			Initial Weight/Volume:	900 mL
Date Analyzed:	08/31/2009 0617			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

MSD Lab Sample ID:	460-4869-4	Analysis Batch:	460-15714	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-14834	Lab File ID:	z3504.d
Dilution:	10			Initial Weight/Volume:	900 mL
Date Analyzed:	08/31/2009 0641			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	198	206	26 - 176	4	30	F	F
Phenol	36	38	17 - 145	4	30	J	J
Bis(2-chloroethyl)ether	91	99	47 - 122	8	30		
2-Chlorophenol	76	81	58 - 98	6	30	J	J
2-Methylphenol	72	72	50 - 86	1	30	J	J
Acetophenone	276	273	66 - 112	1	30	F	F
N-Nitrosodi-n-propylamine	99	108	56 - 120	9	30		
Hexachloroethane	150	158	12 - 127	5	30	F	F
Nitrobenzene	99	104	21 - 131	5	30		
Isophorone	88	94	39 - 136	7	30	J	J
2-Nitrophenol	82	89	65 - 113	8	30	J	J
2,4-Dimethylphenol	79	72	38 - 111	10	30	J	J
Bis(2-chloroethoxy)methane	95	105	66 - 112	9	30	J	
2,4-Dichlorophenol	83	90	22 - 143	8	30	J	J
Naphthalene	112	110	61 - 108	0	30	4	4
4-Chloroaniline	73	73	32 - 97	1	30	J	J
Hexachlorobutadiene	74	78	43 - 112	6	30		
Caprolactam	24	24	2 - 35	3	30	J	J
4-Chloro-3-methylphenol	82	85	59 - 107	3	30	J	J
2-Methylnaphthalene	91	100	57 - 110	6	30		
Hexachlorocyclopentadiene	29	30	41 - 124	NC	30	U F	U F
2,4,6-Trichlorophenol	84	91	65 - 117	7	30	J	J
2,4,5-Trichlorophenol	86	93	66 - 111	8	30	J	J
2-Chloronaphthalene	84	93	64 - 109	10	30	J	J
2-Nitroaniline	96	100	65 - 116	5	30	J	J
Dimethyl phthalate	89	96	68 - 110	8	30	J	J
Acenaphthylene	84	91	63 - 110	9	30	J	J
2,6-Dinitrotoluene	84	91	73 - 112	8	30		
3-Nitroaniline	77	78	55 - 100	1	30	J	J
Acenaphthene	85	92	66 - 117	7	30	J	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-14834

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-4869-4	Analysis Batch:	460-15714	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-14834	Lab File ID:	z3503.d
Dilution:	10			Initial Weight/Volume:	900 mL
Date Analyzed:	08/31/2009 0617			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

MSD Lab Sample ID:	460-4869-4	Analysis Batch:	460-15714	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-14834	Lab File ID:	z3504.d
Dilution:	10			Initial Weight/Volume:	900 mL
Date Analyzed:	08/31/2009 0641			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,4-Dinitrophenol	44	47	59 - 130	NC	30	U F	U F
4-Nitrophenol	20	20	0.1 - 111	NC	30	U	U
Dibenzofuran	83	92	70 - 113	9	30	J	J
2,4-Dinitrotoluene	79	83	70 - 117	6	30		
Diethyl phthalate	90	97	69 - 110	7	30	J	J
4-Chlorophenyl phenyl ether	82	89	65 - 116	9	30	J	J
Fluorene	86	92	70 - 110	7	30	J	J
4-Nitroaniline	94	92	55 - 107	2	30	J	J
4,6-Dinitro-2-methylphenol	59	60	58 - 129	2	30	J	J
N-Nitrosodiphenylamine	94	104	61 - 111	11	30	J	
4-Bromophenyl phenyl ether	79	85	61 - 113	8	30	J	J
Hexachlorobenzene	79	84	59 - 120	6	30		
Atrazine	64	69	46 - 128	7	30	J	J
Pentachlorophenol	57	55	72 - 122	3	30	J F	J F
Phenanthrene	84	92	65 - 115	9	30	J	J
Anthracene	82	87	69 - 106	7	30	J	J
Carbazole	87	95	65 - 106	9	30	J	J
Di-n-butyl phthalate	83	90	59 - 113	9	30	J	J
Fluoranthene	85	92	60 - 113	8	30	J	J
Pyrene	81	89	66 - 115	9	30	J	J
Butyl benzyl phthalate	80	86	66 - 110	7	30	J	J
3,3'-Dichlorobenzidine	90	94	34 - 100	4	30	J	J
Benzo[a]anthracene	85	92	64 - 110	8	30		
Chrysene	93	100	67 - 115	7	30	J	J
Bis(2-ethylhexyl) phthalate	73	82	66 - 112	12	30	J	J
Di-n-octyl phthalate	61	63	62 - 174	3	30	J F	J
Benzo[b]fluoranthene	75	87	60 - 164	15	30		
Benzo[k]fluoranthene	91	92	48 - 199	1	30		
Benzo[a]pyrene	71	75	50 - 172	5	30		
Indeno[1,2,3-cd]pyrene	81	85	44 - 191	5	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-14834

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-4869-4	Analysis Batch:	460-15714	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-14834	Lab File ID:	z3503.d
Dilution:	10			Initial Weight/Volume:	900 mL
Date Analyzed:	08/31/2009 0617			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

MSD Lab Sample ID:	460-4869-4	Analysis Batch:	460-15714	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-14834	Lab File ID:	z3504.d
Dilution:	10			Initial Weight/Volume:	900 mL
Date Analyzed:	08/31/2009 0641			Final Weight/Volume:	2 mL
Date Prepared:	08/20/2009 1838			Injection Volume:	1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dibenz(a,h)anthracene	62	62	42 - 186	1	30		
Benzo[g,h,i]perylene	73	81	37 - 192	10	30	J	J
Diphenyl	87	96	67 - 112	10	30	J	J
bis (2-chloroisopropyl) ether	97	103	47 - 122	6	30	J	

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
2-Fluorophenol	0	D	0	D	19 - 66
2-Fluorobiphenyl	0	D	0	D	53 - 110
Phenol-d5	0	D	0	D	13 - 44
Nitrobenzene-d5	0	D	0	D	49 - 114
2,4,6-Tribromophenol	0	D	0	D	52 - 122
Terphenyl-d14	0	D	0	D	46 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-14834

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-4869-4	Units: ug/L	MSD Lab Sample ID:	460-4869-4	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Date Analyzed:	08/31/2009 0617		Date Analyzed:	08/31/2009 0641	
Date Prepared:	08/20/2009 1838		Date Prepared:	08/20/2009 1838	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzaldehyde	100	U	111	111	220	F	229	F
Phenol	100	U	111	111	40.0	J	41.7	J
Bis(2-chloroethyl)ether	10	U	111	111	101		110	
2-Chlorophenol	100	U	111	111	85.0	J	89.9	J
2-Methylphenol	100	U	111	111	80.0	J	79.5	J
Acetophenone	100	U	111	111	307	F	304	F
N-Nitrosodi-n-propylamine	10	U	111	111	110		120	
Hexachloroethane	10	U	111	111	167	F	176	F
Nitrobenzene	10	U	111	111	110		115	
Isophorone	100	U	111	111	97.4	J	105	J
2-Nitrophenol	100	U	111	111	91.6	J	98.9	J
2,4-Dimethylphenol	100	U	111	111	88.1	J	79.9	J
Bis(2-chloroethoxy)methane	100	U	111	111	106	J	116	
2,4-Dichlorophenol	100	U	111	111	92.0	J	99.6	J
Naphthalene	1900		111	111	1990	4	1990	4
4-Chloroaniline	100	U	111	111	80.8	J	81.5	J
Hexachlorobutadiene	20	U	111	111	81.7		86.8	
Caprolactam	100	U	111	111	26.2	J	26.9	J
4-Chloro-3-methylphenol	100	U	111	111	91.6	J	94.8	J
2-Methylnaphthalene	61	J	111	111	162		172	
Hexachlorocyclopentadiene	100	U	111	111	110	U F	110	U F
2,4,6-Trichlorophenol	100	U	111	111	93.8	J	101	J
2,4,5-Trichlorophenol	100	U	111	111	95.7	J	103	J
2-Chloronaphthalene	100	U	111	111	93.3	J	103	J
2-Nitroaniline	200	U	111	111	106	J	111	J
Dimethyl phthalate	100	U	111	111	98.6	J	107	J
Acenaphthylene	100	U	111	111	92.9	J	101	J
2,6-Dinitrotoluene	20	U	111	111	93.2		101	
3-Nitroaniline	200	U	111	111	86.0	J	86.6	J
Acenaphthene	100	U	111	111	94.3	J	102	J
2,4-Dinitrophenol	310	U	111	111	330	U F	330	U F
4-Nitrophenol	310	U	111	111	330	U	330	U
Dibenzofuran	100	U	111	111	92.7	J	102	J
2,4-Dinitrotoluene	20	U	111	111	87.3		92.3	
Diethyl phthalate	100	U	111	111	100	J	108	J
4-Chlorophenyl phenyl ether	100	U	111	111	90.6	J	98.8	J
Fluorene	100	U	111	111	95.1	J	102	J
4-Nitroaniline	200	U	111	111	104	J	102	J
4,6-Dinitro-2-methylphenol	310	U	111	111	65.4	J	66.8	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-4835-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-14834

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-4869-4	Units: ug/L	MSD Lab Sample ID:	460-4869-4	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Date Analyzed:	08/31/2009 0617		Date Analyzed:	08/31/2009 0641	
Date Prepared:	08/20/2009 1838		Date Prepared:	08/20/2009 1838	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
N-Nitrosodiphenylamine	100	U	111	111	104	J	116	
4-Bromophenyl phenyl ether	100	U	111	111	87.5	J	94.4	J
Hexachlorobenzene	10	U	111	111	88.0		93.9	
Atrazine	100	U	111	111	71.0	J	76.2	J
Pentachlorophenol	310	U	111	111	62.8	J F	61.0	J F
Phenanthrene	100	U	111	111	92.8	J	102	J
Anthracene	100	U	111	111	91.0	J	97.2	J
Carbazole	100	U	111	111	96.3	J	105	J
Di-n-butyl phthalate	100	U	111	111	92.2	J	100	J
Fluoranthene	100	U	111	111	94.3	J	103	J
Pyrene	100	U	111	111	90.5	J	98.8	J
Butyl benzyl phthalate	100	U	111	111	88.9	J	95.1	J
3,3'-Dichlorobenzidine	200	U	111	111	100	J	104	J
Benzo[a]anthracene	10	U	111	111	94.6		103	
Chrysene	100	U	111	111	103	J	111	J
Bis(2-ethylhexyl) phthalate	100	U	111	111	80.9	J	90.9	J
Di-n-octyl phthalate	100	U	111	111	67.7	J F	69.5	J
Benzo[b]fluoranthene	10	U	111	111	83.1		96.7	
Benzo[k]fluoranthene	10	U	111	111	102		102	
Benzo[a]pyrene	10	U	111	111	78.8		83.2	
Indeno[1,2,3-cd]pyrene	3.7	J	111	111	93.3		98.4	
Dibenz(a,h)anthracene	3.7	J	111	111	72.1		73.0	
Benzo[g,h,i]perylene	100	U	111	111	81.5	J	90.3	J
Diphenyl	100	U	111	111	96.9	J	107	J
bis (2-chloroisopropyl) ether	100	U	111	111	108	J	115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-15687

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-15687/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0917
Date Prepared: 08/31/2009 0839

Analysis Batch: 460-15839
Prep Batch: 460-15687
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z3552.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Benzaldehyde	10	U	1.3	10
Phenol	10	U	0.89	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Caprolactam	10	U	0.50	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-15687

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-15687/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0917
Date Prepared: 08/31/2009 0839

Analysis Batch: 460-15839
Prep Batch: 460-15687
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z3552.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Pentachlorophenol	30	U	5.1	30
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
Diphenyl	10	U	5.4	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	40	19 - 66
2-Fluorobiphenyl	78	53 - 110
Phenol-d5	28	13 - 44
Nitrobenzene-d5	88	49 - 114
2,4,6-Tribromophenol	86	52 - 122
Terphenyl-d14	87	46 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-15687

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-15687/2-A	Analysis Batch:	460-15839	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-15687	Lab File ID:	z3553.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	09/01/2009 0942			Final Weight/Volume:	2 mL
Date Prepared:	08/31/2009 0839			Injection Volume:	1.0 uL

LCSD Lab Sample ID:	LCSD 460-15687/3-A	Analysis Batch:	460-15839	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-15687	Lab File ID:	z3554.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	09/01/2009 1006			Final Weight/Volume:	2 mL
Date Prepared:	08/31/2009 0839			Injection Volume:	1.0 uL

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzaldehyde	192	196	26 - 176	2	30	*	*
Phenol	31	31	17 - 145	2	30		
Bis(2-chloroethyl)ether	81	82	47 - 122	2	30		
2-Chlorophenol	72	74	58 - 98	2	30		
2-Methylphenol	62	64	50 - 86	2	30		
Acetophenone	88	89	66 - 112	2	30		
N-Nitrosodi-n-propylamine	88	89	56 - 120	1	30		
Hexachloroethane	71	72	12 - 127	1	30		
Nitrobenzene	80	79	21 - 131	2	30		
Isophorone	81	78	39 - 136	3	30		
2-Nitrophenol	83	84	65 - 113	1	30		
2,4-Dimethylphenol	79	79	38 - 111	0	30		
Bis(2-chloroethoxy)methane	83	82	66 - 112	1	30		
2,4-Dichlorophenol	83	83	22 - 143	0	30		
Naphthalene	79	79	61 - 108	0	30		
4-Chloroaniline	81	79	32 - 97	3	30		
Hexachlorobutadiene	74	74	43 - 112	0	30		
Caprolactam	16	16	2 - 35	4	30		
4-Chloro-3-methylphenol	78	76	59 - 107	3	30		
2-Methylnaphthalene	83	82	57 - 110	0	30		
Hexachlorocyclopentadiene	67	69	41 - 124	3	30		
2,4,6-Trichlorophenol	89	88	65 - 117	1	30		
2,4,5-Trichlorophenol	88	89	66 - 111	1	30		
2-Chloronaphthalene	82	81	64 - 109	1	30		
2-Nitroaniline	82	80	65 - 116	3	30		
Dimethyl phthalate	84	81	68 - 110	4	30		
Acenaphthylene	84	82	63 - 110	2	30		
2,6-Dinitrotoluene	84	82	73 - 112	2	30		
3-Nitroaniline	86	83	55 - 100	3	30		
Acenaphthene	82	80	66 - 117	3	30		
2,4-Dinitrophenol	64	71	59 - 130	9	30		
4-Nitrophenol	23	23	0.1 - 111	1	30	J	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-15687

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-15687/2-A	Analysis Batch:	460-15839	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-15687	Lab File ID:	z3553.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	09/01/2009 0942			Final Weight/Volume:	2 mL
Date Prepared:	08/31/2009 0839			Injection Volume:	1.0 uL

LCSD Lab Sample ID:	LCSD 460-15687/3-A	Analysis Batch:	460-15839	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-15687	Lab File ID:	z3554.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	09/01/2009 1006			Final Weight/Volume:	2 mL
Date Prepared:	08/31/2009 0839			Injection Volume:	1.0 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenzofuran	84	82	70 - 113	1	30		
2,4-Dinitrotoluene	82	79	70 - 117	3	30		
Diethyl phthalate	84	82	69 - 110	3	30		
4-Chlorophenyl phenyl ether	83	82	65 - 116	1	30		
Fluorene	83	81	70 - 110	3	30		
4-Nitroaniline	89	86	55 - 107	3	30		
4,6-Dinitro-2-methylphenol	80	79	58 - 129	1	30		
N-Nitrosodiphenylamine	93	95	61 - 111	2	30		
4-Bromophenyl phenyl ether	85	83	61 - 113	2	30		
Hexachlorobenzene	82	82	59 - 120	1	30		
Atrazine	69	62	46 - 128	10	30		
Pentachlorophenol	75	74	72 - 122	1	30		
Phenanthrene	83	81	65 - 115	3	30		
Anthracene	81	80	69 - 106	1	30		
Carbazole	86	82	65 - 106	4	30		
Di-n-butyl phthalate	81	77	59 - 113	4	30		
Fluoranthene	80	77	60 - 113	4	30		
Pyrene	84	83	66 - 115	1	30		
Butyl benzyl phthalate	82	79	66 - 110	3	30		
3,3'-Dichlorobenzidine	103	104	34 - 100	1	30	*	*
Benzo[a]anthracene	82	81	64 - 110	2	30		
Chrysene	85	85	67 - 115	0	30		
Bis(2-ethylhexyl) phthalate	80	76	66 - 112	4	30		
Di-n-octyl phthalate	76	71	62 - 174	6	30		
Benzo[b]fluoranthene	80	80	60 - 164	0	30		
Benzo[k]fluoranthene	84	81	48 - 199	4	30		
Benzo[a]pyrene	73	73	50 - 172	0	30		
Indeno[1,2,3-cd]pyrene	82	83	44 - 191	1	30		
Dibenz(a,h)anthracene	85	84	42 - 186	1	30		
Benzo[g,h,i]perylene	84	85	37 - 192	2	30		
Diphenyl	86	85	67 - 112	1	30		
bis (2-chloroisopropyl) ether	82	83	47 - 122	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-15687

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-15687/2-A	Analysis Batch:	460-15839	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-15687	Lab File ID:	z3553.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	09/01/2009 0942			Final Weight/Volume:	2 mL
Date Prepared:	08/31/2009 0839			Injection Volume:	1.0 uL

LCSD Lab Sample ID:	LCSD 460-15687/3-A	Analysis Batch:	460-15839	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-15687	Lab File ID:	z3554.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	09/01/2009 1006			Final Weight/Volume:	2 mL
Date Prepared:	08/31/2009 0839			Injection Volume:	1.0 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorophenol	41	41	19 - 66
2-Fluorobiphenyl	85	86	53 - 110
Phenol-d5	27	28	13 - 44
Nitrobenzene-d5	85	85	49 - 114
2,4,6-Tribromophenol	88	87	52 - 122
Terphenyl-d14	89	89	46 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-15687

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-15687/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-15687/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	09/01/2009 0942			Date Analyzed:	09/01/2009 1006
Date Prepared:	08/31/2009 0839			Date Prepared:	08/31/2009 0839

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Benzaldehyde	100	100	192	*	196	*
Phenol	100	100	30.6		31.1	
Bis(2-chloroethyl)ether	100	100	80.8		82.4	
2-Chlorophenol	100	100	72.4		73.5	
2-Methylphenol	100	100	62.3		63.7	
Acetophenone	100	100	87.7		89.1	
N-Nitrosodi-n-propylamine	100	100	88.4		89.0	
Hexachloroethane	100	100	71.0		71.5	
Nitrobenzene	100	100	80.5		79.2	
Isophorone	100	100	80.6		78.2	
2-Nitrophenol	100	100	83.1		84.1	
2,4-Dimethylphenol	100	100	79.3		79.3	
Bis(2-chloroethoxy)methane	100	100	82.8		82.1	
2,4-Dichlorophenol	100	100	83.4		83.1	
Naphthalene	100	100	78.7		78.7	
4-Chloroaniline	100	100	81.0		78.9	
Hexachlorobutadiene	100	100	73.6		73.6	
Caprolactam	100	100	15.6		16.2	
4-Chloro-3-methylphenol	100	100	77.6		75.6	
2-Methylnaphthalene	100	100	82.8		82.4	
Hexachlorocyclopentadiene	100	100	67.0		68.9	
2,4,6-Trichlorophenol	100	100	88.5		88.0	
2,4,5-Trichlorophenol	100	100	88.2		88.7	
2-Chloronaphthalene	100	100	82.3		81.1	
2-Nitroaniline	100	100	82.4		80.0	
Dimethyl phthalate	100	100	84.1		81.0	
Acenaphthylene	100	100	83.8		82.3	
2,6-Dinitrotoluene	100	100	84.1		82.1	
3-Nitroaniline	100	100	86.0		83.1	
Acenaphthene	100	100	82.4		80.4	
2,4-Dinitrophenol	100	100	64.3		70.7	
4-Nitrophenol	100	100	23.0	J	22.8	J
Dibenzofuran	100	100	83.5		82.4	
2,4-Dinitrotoluene	100	100	81.8		79.1	
Diethyl phthalate	100	100	84.4		81.8	
4-Chlorophenyl phenyl ether	100	100	82.6		81.7	
Fluorene	100	100	83.4		81.0	
4-Nitroaniline	100	100	88.7		85.8	
4,6-Dinitro-2-methylphenol	100	100	79.7		78.8	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-15687

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-15687/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-15687/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	09/01/2009 0942			Date Analyzed:	09/01/2009 1006
Date Prepared:	08/31/2009 0839			Date Prepared:	08/31/2009 0839

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
N-Nitrosodiphenylamine	100	100	93.1		94.7	
4-Bromophenyl phenyl ether	100	100	84.9		83.3	
Hexachlorobenzene	100	100	82.3		81.7	
Atrazine	100	100	68.7		62.3	
Pentachlorophenol	100	100	74.5		74.0	
Phenanthrene	100	100	83.2		80.6	
Anthracene	100	100	80.9		80.2	
Carbazole	100	100	85.7		82.5	
Di-n-butyl phthalate	100	100	81.0		77.5	
Fluoranthene	100	100	80.0		77.1	
Pyrene	100	100	84.3		83.4	
Butyl benzyl phthalate	100	100	81.5		79.1	
3,3'-Dichlorobenzidine	100	100	103	*	104	*
Benzo[a]anthracene	100	100	82.0		80.6	
Chrysene	100	100	85.0		84.7	
Bis(2-ethylhexyl) phthalate	100	100	79.5		76.3	
Di-n-octyl phthalate	100	100	76.3		71.5	
Benzo[b]fluoranthene	100	100	80.4		80.4	
Benzo[k]fluoranthene	100	100	83.6		80.6	
Benzo[a]pyrene	100	100	73.2		73.4	
Indeno[1,2,3-cd]pyrene	100	100	82.0		83.3	
Dibenz(a,h)anthracene	100	100	84.5		83.5	
Benzo[g,h,i]perylene	100	100	83.6		85.5	
Diphenyl	100	100	86.1		85.1	
bis (2-chloroisopropyl) ether	100	100	81.5		82.6	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Method Blank - Batch: 460-14861

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 460-14861/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 1737
Date Prepared: 08/21/2009 0800

Analysis Batch: 460-15014
Prep Batch: 460-14861
Units: ug/L

Instrument ID: Trace2
Lab File ID: 14861V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Control Sample - Batch: 460-14861

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 460-14861/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 1743
Date Prepared: 08/21/2009 0800

Analysis Batch: 460-15014
Prep Batch: 460-14861
Units: ug/L

Instrument ID: Trace2
Lab File ID: 14861V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	1800	90	80 - 120	
Antimony	500	449	90	80 - 120	
Arsenic	2000	1780	89	80 - 120	
Barium	2000	1840	92	80 - 120	
Beryllium	50.0	45.7	91	80 - 120	
Cadmium	50.0	46.4	93	80 - 120	
Calcium	20000	18700	93	80 - 120	
Chromium	200	186	93	80 - 120	
Cobalt	500	455	91	80 - 120	
Copper	250	225	90	80 - 120	
Iron	1000	953	95	80 - 120	
Lead	500	458	92	80 - 120	
Magnesium	20000	17740	89	80 - 120	
Manganese	500	465	93	80 - 120	
Nickel	500	460	92	80 - 120	
Potassium	20000	17020	85	80 - 120	
Selenium	2000	1770	89	80 - 120	
Silver	50.0	44.1	88	80 - 120	
Sodium	20000	18240	91	80 - 120	
Thallium	2000	1810	91	80 - 120	
Vanadium	500	462	92	80 - 120	
Zinc	500	482	96	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Matrix Spike - Batch: 460-14861

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-4869-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 1808
Date Prepared: 08/21/2009 0800

Analysis Batch: 460-15014
Prep Batch: 460-14861
Units: ug/L

Instrument ID: Trace2
Lab File ID: 14861V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	11200		2000	16170	249	75 - 125	4
Antimony	10.0	U	500	425	85	75 - 125	
Arsenic	30.9		2000	1750	86	75 - 125	
Barium	187	J	2000	1980	90	75 - 125	
Beryllium	2.0	U	50.0	44.6	89	75 - 125	
Cadmium	5.0	U	50.0	43.4	87	75 - 125	
Calcium	27300		20000	45150	89	75 - 125	
Chromium	16.5		200	196	90	75 - 125	
Cobalt	8.1	J	500	450	88	75 - 125	
Copper	29.6		250	250	88	75 - 125	
Iron	69300		1000	68760	-52	75 - 125	4
Lead	5.0	U	500	443	89	75 - 125	
Magnesium	18400		20000	35890	87	75 - 125	
Manganese	800		500	1240	88	75 - 125	
Nickel	9.6	J	500	454	89	75 - 125	
Potassium	3920	J	20000	20650	84	75 - 125	
Selenium	10.0	U	2000	1700	85	75 - 125	
Silver	2.0	J	50.0	44.4	85	75 - 125	
Sodium	76700		20000	94230	87	75 - 125	
Thallium	10.0	U	2000	1750	87	75 - 125	
Vanadium	24.1	J	500	467	89	75 - 125	
Zinc	25.6	J	500	479	91	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Duplicate - Batch: 460-14861

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-4869-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/21/2009 1749
Date Prepared: 08/21/2009 0800

Analysis Batch: 460-15014
Prep Batch: 460-14861
Units: ug/L

Instrument ID: Trace2
Lab File ID: 14861V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	11200		9610	15	20	
Antimony	10.0	U	10.0	NC	20	U
Arsenic	30.9		30.8	0	20	
Barium	187	J	174	7	20	J
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	27300		25440	7	20	
Chromium	16.5		15.1	9	20	
Cobalt	8.1	J	7.81	3	20	J
Copper	29.6		28.2	5	20	
Iron	69300		64010	8	20	
Lead	5.0	U	5.0	NC	20	U
Magnesium	18400		17070	8	20	
Manganese	800		740	8	20	
Nickel	9.6	J	9.18	4	20	J
Potassium	3920	J	3630	8	20	J
Selenium	10.0	U	10.0	NC	20	U
Silver	2.0	J	1.56	23	20	J
Sodium	76700		71470	7	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	24.1	J	21.7	10	20	J
Zinc	25.6	J	22.2	14	20	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-14991

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 460-14991/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 0916
Date Prepared: 08/23/2009 1319

Analysis Batch: 460-15032
Prep Batch: 460-14991
Units: ug/L

Instrument ID: Leeman5
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.18	0.20

Lab Control Sample - Batch: 460-14991

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 460-14991/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 0918
Date Prepared: 08/23/2009 1319

Analysis Batch: 460-15032
Prep Batch: 460-14991
Units: ug/L

Instrument ID: Leeman5
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.10	110	80 - 120	

Matrix Spike - Batch: 460-14991

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-4869-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 0924
Date Prepared: 08/23/2009 1319

Analysis Batch: 460-15032
Prep Batch: 460-14991
Units: ug/L

Instrument ID: Leeman5
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.24	1.00	1.22	98	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-4835-1

Duplicate - Batch: 460-14991

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-4869-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 0922
Date Prepared: 08/23/2009 1319

Analysis Batch: 460-15032
Prep Batch: 460-14991
Units: ug/L

Instrument ID: Leeman5
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.24	0.305	23	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-15017

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 460-15017/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 1211
Date Prepared: 08/24/2009 0800

Analysis Batch: 460-15074
Prep Batch: 460-15017
Units: ug/L

Instrument ID: Leeman5
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.18	0.20

Lab Control Sample - Batch: 460-15017

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 460-15017/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 1214
Date Prepared: 08/24/2009 0800

Analysis Batch: 460-15074
Prep Batch: 460-15017
Units: ug/L

Instrument ID: Leeman5
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.937	94	80 - 120	

Matrix Spike - Batch: 460-15017

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-4869-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 1219
Date Prepared: 08/24/2009 0800

Analysis Batch: 460-15074
Prep Batch: 460-15017
Units: ug/L

Instrument ID: Leeman5
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.40	1.00	1.62	122	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Duplicate - Batch: 460-15017

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-4869-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 1217
Date Prepared: 08/24/2009 0800

Analysis Batch: 460-15074
Prep Batch: 460-15017
Units: ug/L

Instrument ID: Leeman5
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.40	0.494	21	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-14918					
LCS 460-14918/10	Lab Control Sample	T	Water	8260B	
MB 460-14918/3	Method Blank	T	Water	8260B	
460-4835-1	GW-017338-081709-ACH-01	T	Water	8260B	
460-4835-2	GW-017338-081709-ACH-02	T	Water	8260B	
460-4835-3	GW-017338-081709-ACH-03	T	Water	8260B	
460-4835-4	GW-017338-081809-ACH-04	T	Water	8260B	
460-4835-6DL	GW-017338-081809-ACH-06	T	Water	8260B	
460-4835-6MS	Matrix Spike	T	Water	8260B	
460-4835-6MSD	Matrix Spike Duplicate	T	Water	8260B	
460-4835-7DL	GW-017338-081809-ACH-07	T	Water	8260B	
460-4835-8	GW-017338-081809-ACH-08	T	Water	8260B	
460-4835-9TB	TB-017338-081809-ACH-001	T	Water	8260B	
Analysis Batch:460-15029					
LCS 460-15029/3	Lab Control Sample	T	Water	8260B	
MB 460-15029/4	Method Blank	T	Water	8260B	
460-4835-5	GW-017338-081809-ACH-05	T	Water	8260B	
460-4869-3	GW-017338-081909-ACH-11	T	Water	8260B	
460-4869-4DL	GW-017338-081909-ACH-12	T	Water	8260B	
460-4869-4MS	Matrix Spike	T	Water	8260B	
460-4869-4MSD	Matrix Spike Duplicate	T	Water	8260B	
460-4869-5DL	GW-017338-081909-ACH-13	T	Water	8260B	
460-4869-6RB	RB-017338-081909-ACH-14	T	Water	8260B	
460-4869-7DL	GW-017338-081909-ACH-15	T	Water	8260B	
460-4869-8TB	TB-017338-081909-ACH-002	T	Water	8260B	
Analysis Batch:460-15245					
LCS 460-15245/3	Lab Control Sample	T	Water	8260B	
MB 460-15245/4	Method Blank	T	Water	8260B	
460-4869-1DL	GW-017338-081909-ACH-09	T	Water	8260B	
460-4869-2DL	GW-017338-081909-ACH-10	T	Water	8260B	
460-4928-C-5 MS	Matrix Spike	T	Water	8260B	
460-4928-C-5 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:460-15423					
LCS 460-15423/3	Lab Control Sample	T	Water	8260B	
LCSD 460-15423/4	Lab Control Sample Duplicate	T	Water	8260B	
MB 460-15423/5	Method Blank	T	Water	8260B	
460-4835-6	GW-017338-081809-ACH-06	T	Water	8260B	
460-4835-7	GW-017338-081809-ACH-07	T	Water	8260B	
460-4869-4	GW-017338-081909-ACH-12	T	Water	8260B	
460-4869-5	GW-017338-081909-ACH-13	T	Water	8260B	
460-5074-E-1 MS	Matrix Spike	T	Water	8260B	
460-5074-C-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-15569					
LCS 460-15569/4	Lab Control Sample	T	Water	8260B	
MB 460-15569/3	Method Blank	T	Water	8260B	
460-4869-7	GW-017338-081909-ACH-15	T	Water	8260B	
460-5002-C-21 MS	Matrix Spike	T	Water	8260B	
460-5002-C-21 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:460-15720					
LCS 460-15720/3	Lab Control Sample	T	Water	8260B	
MB 460-15720/4	Method Blank	T	Water	8260B	
460-4869-1	GW-017338-081909-ACH-09	T	Water	8260B	
460-4869-2	GW-017338-081909-ACH-10	T	Water	8260B	
460-5092-B-1 MS	Matrix Spike	T	Water	8260B	
460-5092-A-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-14834					
LCS 460-14834/2-A	Lab Control Sample	T	Water	3510C	
MB 460-14834/1-A	Method Blank	T	Water	3510C	
460-4835-1	GW-017338-081709-ACH-01	T	Water	3510C	
460-4835-2	GW-017338-081709-ACH-02	T	Water	3510C	
460-4835-3	GW-017338-081709-ACH-03	T	Water	3510C	
460-4835-4	GW-017338-081809-ACH-04	T	Water	3510C	
460-4835-5	GW-017338-081809-ACH-05	T	Water	3510C	
460-4835-6	GW-017338-081809-ACH-06	T	Water	3510C	
460-4835-7	GW-017338-081809-ACH-07	T	Water	3510C	
460-4835-8	GW-017338-081809-ACH-08	T	Water	3510C	
460-4869-1	GW-017338-081909-ACH-09	T	Water	3510C	
460-4869-2	GW-017338-081909-ACH-10	T	Water	3510C	
460-4869-3	GW-017338-081909-ACH-11	T	Water	3510C	
460-4869-4	GW-017338-081909-ACH-12	T	Water	3510C	
460-4869-4MS	Matrix Spike	T	Water	3510C	
460-4869-4MSD	Matrix Spike Duplicate	T	Water	3510C	
460-4869-5	GW-017338-081909-ACH-13	T	Water	3510C	
460-4869-7	GW-017338-081909-ACH-15	T	Water	3510C	
Analysis Batch:460-15036					
LCS 460-14834/2-A	Lab Control Sample	T	Water	8270C	460-14834
MB 460-14834/1-A	Method Blank	T	Water	8270C	460-14834
460-4835-1	GW-017338-081709-ACH-01	T	Water	8270C	460-14834
460-4835-2	GW-017338-081709-ACH-02	T	Water	8270C	460-14834
460-4835-3	GW-017338-081709-ACH-03	T	Water	8270C	460-14834
460-4835-4	GW-017338-081809-ACH-04	T	Water	8270C	460-14834
460-4835-5	GW-017338-081809-ACH-05	T	Water	8270C	460-14834
460-4835-6	GW-017338-081809-ACH-06	T	Water	8270C	460-14834
460-4835-7	GW-017338-081809-ACH-07	T	Water	8270C	460-14834
460-4835-8	GW-017338-081809-ACH-08	T	Water	8270C	460-14834
460-4869-1	GW-017338-081909-ACH-09	T	Water	8270C	460-14834
460-4869-2	GW-017338-081909-ACH-10	T	Water	8270C	460-14834
460-4869-3	GW-017338-081909-ACH-11	T	Water	8270C	460-14834
460-4869-5	GW-017338-081909-ACH-13	T	Water	8270C	460-14834
460-4869-7	GW-017338-081909-ACH-15	T	Water	8270C	460-14834
Prep Batch: 460-15687					
LCS 460-15687/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-15687/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-15687/1-A	Method Blank	T	Water	3510C	
460-4869-6RBRE	RB-017338-081909-ACH-14	T	Water	3510C	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-15714					
460-4869-4	GW-017338-081909-ACH-12	T	Water	8270C	460-14834
460-4869-4MS	Matrix Spike	T	Water	8270C	460-14834
460-4869-4MSD	Matrix Spike Duplicate	T	Water	8270C	460-14834
Analysis Batch:460-15839					
LCS 460-15687/2-A	Lab Control Sample	T	Water	8270C	460-15687
LCSD 460-15687/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-15687
MB 460-15687/1-A	Method Blank	T	Water	8270C	460-15687
460-4869-6RBRE	RB-017338-081909-ACH-14	T	Water	8270C	460-15687

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-14861					
LCS 460-14861/2-A	Lab Control Sample	T	Water	3010A	
MB 460-14861/1-A	Method Blank	T	Water	3010A	
460-4835-1	GW-017338-081709-ACH-01	T	Water	3010A	
460-4835-2	GW-017338-081709-ACH-02	T	Water	3010A	
460-4835-3	GW-017338-081709-ACH-03	T	Water	3010A	
460-4835-4	GW-017338-081809-ACH-04	T	Water	3010A	
460-4835-5	GW-017338-081809-ACH-05	T	Water	3010A	
460-4835-6	GW-017338-081809-ACH-06	T	Water	3010A	
460-4835-7	GW-017338-081809-ACH-07	T	Water	3010A	
460-4835-8	GW-017338-081809-ACH-08	T	Water	3010A	
460-4869-1	GW-017338-081909-ACH-09	T	Water	3010A	
460-4869-2	GW-017338-081909-ACH-10	T	Water	3010A	
460-4869-3	GW-017338-081909-ACH-11	T	Water	3010A	
460-4869-4	GW-017338-081909-ACH-12	T	Water	3010A	
460-4869-4DU	Duplicate	T	Water	3010A	
460-4869-4MS	Matrix Spike	T	Water	3010A	
460-4869-5	GW-017338-081909-ACH-13	T	Water	3010A	
460-4869-6RB	RB-017338-081909-ACH-14	T	Water	3010A	
460-4869-7	GW-017338-081909-ACH-15	T	Water	3010A	
Prep Batch: 460-14991					
LCS 460-14991/2-A	Lab Control Sample	T	Water	7470A	
MB 460-14991/1-A	Method Blank	T	Water	7470A	
460-4835-1	GW-017338-081709-ACH-01	T	Water	7470A	
460-4835-2	GW-017338-081709-ACH-02	T	Water	7470A	
460-4835-3	GW-017338-081709-ACH-03	T	Water	7470A	
460-4835-4	GW-017338-081809-ACH-04	T	Water	7470A	
460-4835-5	GW-017338-081809-ACH-05	T	Water	7470A	
460-4835-6	GW-017338-081809-ACH-06	T	Water	7470A	
460-4835-7	GW-017338-081809-ACH-07	T	Water	7470A	
460-4835-8	GW-017338-081809-ACH-08	T	Water	7470A	
460-4869-1	GW-017338-081909-ACH-09	T	Water	7470A	
460-4869-2	GW-017338-081909-ACH-10	T	Water	7470A	
460-4869-3	GW-017338-081909-ACH-11	T	Water	7470A	
460-4869-4	GW-017338-081909-ACH-12	T	Water	7470A	
460-4869-4DU	Duplicate	T	Water	7470A	
460-4869-4MS	Matrix Spike	T	Water	7470A	
460-4869-5	GW-017338-081909-ACH-13	T	Water	7470A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-15014					
LCS 460-14861/2-A	Lab Control Sample	T	Water	6010B	460-14861
MB 460-14861/1-A	Method Blank	T	Water	6010B	460-14861
460-4835-1	GW-017338-081709-ACH-01	T	Water	6010B	460-14861
460-4835-2	GW-017338-081709-ACH-02	T	Water	6010B	460-14861
460-4835-3	GW-017338-081709-ACH-03	T	Water	6010B	460-14861
460-4835-4	GW-017338-081809-ACH-04	T	Water	6010B	460-14861
460-4835-5	GW-017338-081809-ACH-05	T	Water	6010B	460-14861
460-4835-6	GW-017338-081809-ACH-06	T	Water	6010B	460-14861
460-4835-7	GW-017338-081809-ACH-07	T	Water	6010B	460-14861
460-4835-8	GW-017338-081809-ACH-08	T	Water	6010B	460-14861
460-4869-1	GW-017338-081909-ACH-09	T	Water	6010B	460-14861
460-4869-2	GW-017338-081909-ACH-10	T	Water	6010B	460-14861
460-4869-3	GW-017338-081909-ACH-11	T	Water	6010B	460-14861
460-4869-4	GW-017338-081909-ACH-12	T	Water	6010B	460-14861
460-4869-4DU	Duplicate	T	Water	6010B	460-14861
460-4869-4MS	Matrix Spike	T	Water	6010B	460-14861
460-4869-5	GW-017338-081909-ACH-13	T	Water	6010B	460-14861
460-4869-6RB	RB-017338-081909-ACH-14	T	Water	6010B	460-14861
460-4869-7	GW-017338-081909-ACH-15	T	Water	6010B	460-14861
Prep Batch: 460-15017					
LCS 460-15017/11-A	Lab Control Sample	T	Water	7470A	
MB 460-15017/10-A	Method Blank	T	Water	7470A	
460-4869-6RB	RB-017338-081909-ACH-14	T	Water	7470A	
460-4869-7	GW-017338-081909-ACH-15	T	Water	7470A	
460-4869-7DU	Duplicate	T	Water	7470A	
460-4869-7MS	Matrix Spike	T	Water	7470A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-15032					
LCS 460-14991/2-A	Lab Control Sample	T	Water	7470A	460-14991
MB 460-14991/1-A	Method Blank	T	Water	7470A	460-14991
460-4835-1	GW-017338-081709-ACH-01	T	Water	7470A	460-14991
460-4835-2	GW-017338-081709-ACH-02	T	Water	7470A	460-14991
460-4835-3	GW-017338-081709-ACH-03	T	Water	7470A	460-14991
460-4835-4	GW-017338-081809-ACH-04	T	Water	7470A	460-14991
460-4835-5	GW-017338-081809-ACH-05	T	Water	7470A	460-14991
460-4835-6	GW-017338-081809-ACH-06	T	Water	7470A	460-14991
460-4835-7	GW-017338-081809-ACH-07	T	Water	7470A	460-14991
460-4835-8	GW-017338-081809-ACH-08	T	Water	7470A	460-14991
460-4869-1	GW-017338-081909-ACH-09	T	Water	7470A	460-14991
460-4869-2	GW-017338-081909-ACH-10	T	Water	7470A	460-14991
460-4869-3	GW-017338-081909-ACH-11	T	Water	7470A	460-14991
460-4869-4	GW-017338-081909-ACH-12	T	Water	7470A	460-14991
460-4869-4DU	Duplicate	T	Water	7470A	460-14991
460-4869-4MS	Matrix Spike	T	Water	7470A	460-14991
460-4869-5	GW-017338-081909-ACH-13	T	Water	7470A	460-14991
Analysis Batch:460-15074					
LCS 460-15017/11-A	Lab Control Sample	T	Water	7470A	460-15017
MB 460-15017/10-A	Method Blank	T	Water	7470A	460-15017
460-4869-6RB	RB-017338-081909-ACH-14	T	Water	7470A	460-15017
460-4869-7	GW-017338-081909-ACH-15	T	Water	7470A	460-15017
460-4869-7DU	Duplicate	T	Water	7470A	460-15017
460-4869-7MS	Matrix Spike	T	Water	7470A	460-15017
Analysis Batch:460-15138					
460-4869-7	GW-017338-081909-ACH-15	T	Water	6010B	460-14861

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: 460-4835-1 **Client ID: GW-017338-081709-ACH-01**

Sample Date/Time: 08/17/2009 13:30 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-C-1		460-14918		08/21/2009 16:42	1	TAL EDI	SD
A:8260B	460-4835-C-1		460-14918		08/21/2009 16:42	1	TAL EDI	SD
P:3510C	460-4835-E-1-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4835-E-1-A		460-15036	460-14834	08/21/2009 22:17	1	TAL EDI	AAA
P:3010A	460-4835-F-1-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4835-F-1-A		460-15014	460-14861	08/21/2009 18:39	1	TAL EDI	MPP
P:7470A	460-4835-F-1-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4835-F-1-B		460-15032	460-14991	08/24/2009 09:30	1	TAL EDI	TS

Lab ID: 460-4835-2 **Client ID: GW-017338-081709-ACH-02**

Sample Date/Time: 08/17/2009 14:30 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-C-2		460-14918		08/21/2009 17:07	1	TAL EDI	SD
A:8260B	460-4835-C-2		460-14918		08/21/2009 17:07	1	TAL EDI	SD
P:3510C	460-4835-E-2-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4835-E-2-A		460-15036	460-14834	08/21/2009 22:42	1	TAL EDI	AAA
P:3010A	460-4835-F-2-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4835-F-2-A		460-15014	460-14861	08/21/2009 18:45	1	TAL EDI	MPP
P:7470A	460-4835-F-2-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4835-F-2-B		460-15032	460-14991	08/24/2009 09:33	1	TAL EDI	TS

Lab ID: 460-4835-3 **Client ID: GW-017338-081709-ACH-03**

Sample Date/Time: 08/17/2009 15:40 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-C-3		460-14918		08/21/2009 17:33	1	TAL EDI	SD
A:8260B	460-4835-C-3		460-14918		08/21/2009 17:33	1	TAL EDI	SD
P:3510C	460-4835-D-3-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4835-D-3-A		460-15036	460-14834	08/21/2009 23:07	1	TAL EDI	AAA
P:3010A	460-4835-F-3-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4835-F-3-A		460-15014	460-14861	08/21/2009 18:52	1	TAL EDI	MPP
P:7470A	460-4835-F-3-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4835-F-3-B		460-15032	460-14991	08/24/2009 09:35	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: 460-4835-4 **Client ID: GW-017338-081809-ACH-04**

Sample Date/Time: 08/18/2009 09:30 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-C-4		460-14918		08/21/2009 17:58	1	TAL EDI	SD
A:8260B	460-4835-C-4		460-14918		08/21/2009 17:58	1	TAL EDI	SD
P:3510C	460-4835-E-4-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4835-E-4-A		460-15036	460-14834	08/21/2009 23:32	1	TAL EDI	AAA
P:3010A	460-4835-F-4-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4835-F-4-A		460-15014	460-14861	08/21/2009 18:58	1	TAL EDI	MPP
P:7470A	460-4835-F-4-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4835-F-4-B		460-15032	460-14991	08/24/2009 09:42	1	TAL EDI	TS

Lab ID: 460-4835-5 **Client ID: GW-017338-081809-ACH-05**

Sample Date/Time: 08/18/2009 10:30 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-B-5		460-15029		08/24/2009 14:50	1	TAL EDI	CJM
A:8260B	460-4835-B-5		460-15029		08/24/2009 14:50	1	TAL EDI	CJM
P:3510C	460-4835-E-5-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4835-E-5-A		460-15036	460-14834	08/21/2009 23:57	1	TAL EDI	AAA
P:3010A	460-4835-F-5-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4835-F-5-A		460-15014	460-14861	08/21/2009 19:04	1	TAL EDI	MPP
P:7470A	460-4835-F-5-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4835-F-5-B		460-15032	460-14991	08/24/2009 09:44	1	TAL EDI	TS

Lab ID: 460-4835-6 **Client ID: GW-017338-081809-ACH-06**

Sample Date/Time: 08/18/2009 11:40 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-C-6	DL	460-14918		08/21/2009 10:47	5	TAL EDI	SD
A:8260B	460-4835-C-6	DL	460-14918		08/21/2009 10:47	5	TAL EDI	SD
P:5030B	460-4835-B-6		460-15423		08/27/2009 16:28	1	TAL EDI	SD
A:8260B	460-4835-B-6		460-15423		08/27/2009 16:28	1	TAL EDI	SD
P:3510C	460-4835-D-6-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4835-D-6-A		460-15036	460-14834	08/22/2009 00:22	1	TAL EDI	AAA
P:3010A	460-4835-F-6-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4835-F-6-A		460-15014	460-14861	08/21/2009 19:10	1	TAL EDI	MPP
P:7470A	460-4835-F-6-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4835-F-6-B		460-15032	460-14991	08/24/2009 09:46	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: 460-4835-6 MS **Client ID:** GW-017338-081809-ACH-06

Sample Date/Time: 08/18/2009 11:40 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-C-6 MS		460-14918		08/21/2009 13:45	5	TAL EDI	SD
A:8260B	460-4835-C-6 MS		460-14918		08/21/2009 13:45	5	TAL EDI	SD

Lab ID: 460-4835-6 MSD **Client ID:** GW-017338-081809-ACH-06

Sample Date/Time: 08/18/2009 11:40 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-C-6 MSD		460-14918		08/21/2009 14:10	5	TAL EDI	SD
A:8260B	460-4835-C-6 MSD		460-14918		08/21/2009 14:10	5	TAL EDI	SD

Lab ID: 460-4835-7 **Client ID:** GW-017338-081809-ACH-07

Sample Date/Time: 08/18/2009 13:40 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-B-7	DL	460-14918		08/21/2009 18:49	10	TAL EDI	SD
A:8260B	460-4835-B-7	DL	460-14918		08/21/2009 18:49	10	TAL EDI	SD
P:5030B	460-4835-B-7		460-15423		08/27/2009 17:18	2	TAL EDI	SD
A:8260B	460-4835-B-7		460-15423		08/27/2009 17:18	2	TAL EDI	SD
P:3510C	460-4835-E-7-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4835-E-7-A		460-15036	460-14834	08/22/2009 00:47	1	TAL EDI	AAA
P:3010A	460-4835-F-7-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4835-F-7-A		460-15014	460-14861	08/21/2009 19:17	1	TAL EDI	MPP
P:7470A	460-4835-F-7-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4835-F-7-B		460-15032	460-14991	08/24/2009 09:48	1	TAL EDI	TS

Lab ID: 460-4835-8 **Client ID:** GW-017338-081809-ACH-08

Sample Date/Time: 08/18/2009 14:50 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-C-8		460-14918		08/21/2009 18:23	1	TAL EDI	SD
A:8260B	460-4835-C-8		460-14918		08/21/2009 18:23	1	TAL EDI	SD
P:3510C	460-4835-E-8-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4835-E-8-A		460-15036	460-14834	08/22/2009 01:11	1	TAL EDI	AAA
P:3010A	460-4835-F-8-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4835-F-8-A		460-15014	460-14861	08/21/2009 19:23	1	TAL EDI	MPP
P:7470A	460-4835-F-8-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4835-F-8-B		460-15032	460-14991	08/24/2009 09:51	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: 460-4835-9 **Client ID: TB-017338-081809-ACH-001**

Sample Date/Time: 08/18/2009 00:00 Received Date/Time: 08/18/2009 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4835-C-9		460-14918		08/21/2009 15:01	1	TAL EDI	SD
A:8260B	460-4835-C-9		460-14918		08/21/2009 15:01	1	TAL EDI	SD

Lab ID: 460-4869-1 **Client ID: GW-017338-081909-ACH-09**

Sample Date/Time: 08/19/2009 09:00 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-E-1	DL	460-15245		08/26/2009 06:13	5	TAL EDI	KB
A:8260B	460-4869-E-1	DL	460-15245		08/26/2009 06:13	5	TAL EDI	KB
P:5030B	460-4869-E-1		460-15720		08/31/2009 18:53	1	TAL EDI	SD
A:8260B	460-4869-E-1		460-15720		08/31/2009 18:53	1	TAL EDI	SD
P:3510C	460-4869-B-1-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4869-B-1-A		460-15036	460-14834	08/21/2009 18:37	1	TAL EDI	AAA
P:3010A	460-4869-C-1-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4869-C-1-A		460-15014	460-14861	08/21/2009 19:42	1	TAL EDI	MPP
P:7470A	460-4869-C-1-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4869-C-1-B		460-15032	460-14991	08/24/2009 09:53	1	TAL EDI	TS

Lab ID: 460-4869-2 **Client ID: GW-017338-081909-ACH-10**

Sample Date/Time: 08/19/2009 09:15 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-E-2	DL	460-15245		08/26/2009 06:38	5	TAL EDI	KB
A:8260B	460-4869-E-2	DL	460-15245		08/26/2009 06:38	5	TAL EDI	KB
P:5030B	460-4869-E-2		460-15720		08/31/2009 19:43	1	TAL EDI	SD
A:8260B	460-4869-E-2		460-15720		08/31/2009 19:43	1	TAL EDI	SD
P:3510C	460-4869-A-2-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4869-A-2-A		460-15036	460-14834	08/21/2009 19:02	1	TAL EDI	AAA
P:3010A	460-4869-C-2-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4869-C-2-A		460-15014	460-14861	08/21/2009 19:48	1	TAL EDI	MPP
P:7470A	460-4869-C-2-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4869-C-2-B		460-15032	460-14991	08/24/2009 09:55	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: 460-4869-3 **Client ID:** GW-017338-081909-ACH-11

Sample Date/Time: 08/19/2009 10:30 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-F-3		460-15029		08/24/2009 15:41	1	TAL EDI	CJM
A:8260B	460-4869-F-3		460-15029		08/24/2009 15:41	1	TAL EDI	CJM
P:3510C	460-4869-B-3-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4869-B-3-A		460-15036	460-14834	08/21/2009 19:26	1	TAL EDI	AAA
P:3010A	460-4869-C-3-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4869-C-3-A		460-15014	460-14861	08/21/2009 19:54	1	TAL EDI	MPP
P:7470A	460-4869-C-3-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4869-C-3-B		460-15032	460-14991	08/24/2009 09:57	1	TAL EDI	TS

Lab ID: 460-4869-4 **Client ID:** GW-017338-081909-ACH-12

Sample Date/Time: 08/19/2009 11:45 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-F-4	DL	460-15029		08/24/2009 16:07	25	TAL EDI	CJM
A:8260B	460-4869-F-4	DL	460-15029		08/24/2009 16:07	25	TAL EDI	CJM
P:5030B	460-4869-E-4		460-15423		08/27/2009 18:09	5	TAL EDI	SD
A:8260B	460-4869-E-4		460-15423		08/27/2009 18:09	5	TAL EDI	SD
P:3510C	460-4869-A-4-B		460-15714	460-14834	08/20/2009 18:38	10	TAL EDI	JH
A:8270C	460-4869-A-4-B		460-15714	460-14834	08/31/2009 05:52	10	TAL EDI	AAA
P:3010A	460-4869-C-4-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4869-C-4-A		460-15014	460-14861	08/21/2009 17:56	1	TAL EDI	MPP
P:7470A	460-4869-A-4-D		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4869-A-4-D		460-15032	460-14991	08/24/2009 09:20	1	TAL EDI	TS

Lab ID: 460-4869-4 **Client ID:** GW-017338-081909-ACH-12

Sample Date/Time: 08/19/2009 11:45 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-F-4 MS		460-15029		08/24/2009 12:43	25	TAL EDI	CJM
A:8260B	460-4869-F-4 MS		460-15029		08/24/2009 12:43	25	TAL EDI	CJM
P:3510C	460-4869-A-4-A MS		460-15714	460-14834	08/20/2009 18:38	10	TAL EDI	JH
A:8270C	460-4869-A-4-A MS		460-15714	460-14834	08/31/2009 06:17	10	TAL EDI	AAA
P:3010A	460-4869-C-4-B MS		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4869-C-4-B MS		460-15014	460-14861	08/21/2009 18:08	1	TAL EDI	MPP
P:7470A	460-4869-A-4-F MS		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4869-A-4-F MS		460-15032	460-14991	08/24/2009 09:24	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: 460-4869-4 **Client ID:** GW-017338-081909-ACH-12

Sample Date/Time: 08/19/2009 11:45 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-F-4 MSD		460-15029		08/24/2009 13:09	25	TAL EDI	CJM
A:8260B	460-4869-F-4 MSD		460-15029		08/24/2009 13:09	25	TAL EDI	CJM
P:3510C	460-4869-B-4-A MSD		460-15714	460-14834	08/20/2009 18:38	10	TAL EDI	JH
A:8270C	460-4869-B-4-A MSD		460-15714	460-14834	08/31/2009 06:41	10	TAL EDI	AAA

Lab ID: 460-4869-4 **Client ID:** GW-017338-081909-ACH-12

Sample Date/Time: 08/19/2009 11:45 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-4869-A-4-C DU		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4869-A-4-C DU		460-15014	460-14861	08/21/2009 17:49	1	TAL EDI	MPP
P:7470A	460-4869-A-4-E DU		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4869-A-4-E DU		460-15032	460-14991	08/24/2009 09:22	1	TAL EDI	TS

Lab ID: 460-4869-5 **Client ID:** GW-017338-081909-ACH-13

Sample Date/Time: 08/19/2009 14:00 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-F-5	DL	460-15029		08/24/2009 17:23	10	TAL EDI	CJM
A:8260B	460-4869-F-5	DL	460-15029		08/24/2009 17:23	10	TAL EDI	CJM
P:5030B	460-4869-E-5		460-15423		08/27/2009 19:00	2	TAL EDI	SD
A:8260B	460-4869-E-5		460-15423		08/27/2009 19:00	2	TAL EDI	SD
P:3510C	460-4869-A-5-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4869-A-5-A		460-15036	460-14834	08/21/2009 21:04	1	TAL EDI	AAA
P:3010A	460-4869-C-5-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4869-C-5-A		460-15014	460-14861	08/21/2009 20:00	1	TAL EDI	MPP
P:7470A	460-4869-C-5-B		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	460-4869-C-5-B		460-15032	460-14991	08/24/2009 09:59	1	TAL EDI	TS

Lab ID: 460-4869-6 **Client ID:** RB-017338-081909-ACH-14

Sample Date/Time: 08/19/2009 14:30 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-F-6		460-15029		08/24/2009 14:25	1	TAL EDI	CJM
A:8260B	460-4869-F-6		460-15029		08/24/2009 14:25	1	TAL EDI	CJM
P:3510C	460-4869-A-6-A	RE	460-15839	460-15687	08/31/2009 12:13	1	TAL EDI	MC
A:8270C	460-4869-A-6-A	RE	460-15839	460-15687	09/01/2009 10:31	1	TAL EDI	MC
P:3010A	460-4869-C-6-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4869-C-6-A		460-15014	460-14861	08/21/2009 20:07	1	TAL EDI	MPP
P:7470A	460-4869-C-6-B		460-15074	460-15017	08/24/2009 08:00	1	TAL EDI	TS
A:7470A	460-4869-C-6-B		460-15074	460-15017	08/24/2009 12:34	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: 460-4869-7 **Client ID: GW-017338-081909-ACH-15**

Sample Date/Time: 08/19/2009 15:30 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-F-7	DL	460-15029		08/24/2009 17:48	1000	TAL EDI	CJM
A:8260B	460-4869-F-7	DL	460-15029		08/24/2009 17:48	1000	TAL EDI	CJM
P:5030B	460-4869-E-7		460-15569		08/28/2009 12:48	100	TAL EDI	SD
A:8260B	460-4869-E-7		460-15569		08/28/2009 12:48	100	TAL EDI	SD
P:3510C	460-4869-B-7-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	460-4869-B-7-A		460-15036	460-14834	08/21/2009 21:53	1	TAL EDI	AAA
P:3010A	460-4869-C-7-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	460-4869-C-7-A		460-15014	460-14861	08/21/2009 20:13	1	TAL EDI	MPP
P:3010A	460-4869-C-7-A ^3		460-15138	460-14861	08/21/2009 08:00	3	TAL EDI	SS
A:6010B	460-4869-C-7-A ^3		460-15138	460-14861	08/24/2009 20:50	3	TAL EDI	MPP
P:7470A	460-4869-C-7-B		460-15074	460-15017	08/24/2009 08:00	1	TAL EDI	TS
A:7470A	460-4869-C-7-B		460-15074	460-15017	08/24/2009 12:15	1	TAL EDI	TS

Lab ID: 460-4869-7 MS **Client ID: GW-017338-081909-ACH-15**

Sample Date/Time: 08/19/2009 15:30 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-4869-C-7-D MS		460-15074	460-15017	08/24/2009 08:00	1	TAL EDI	TS
A:7470A	460-4869-C-7-D MS		460-15074	460-15017	08/24/2009 12:19	1	TAL EDI	TS

Lab ID: 460-4869-7 DU **Client ID: GW-017338-081909-ACH-15**

Sample Date/Time: 08/19/2009 15:30 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-4869-C-7-C DU		460-15074	460-15017	08/24/2009 08:00	1	TAL EDI	TS
A:7470A	460-4869-C-7-C DU		460-15074	460-15017	08/24/2009 12:17	1	TAL EDI	TS

Lab ID: 460-4869-8 **Client ID: TB-017338-081909-ACH-002**

Sample Date/Time: 08/19/2009 00:00 Received Date/Time: 08/19/2009 19:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4869-F-8		460-15029		08/24/2009 13:59	1	TAL EDI	CJM
A:8260B	460-4869-F-8		460-15029		08/24/2009 13:59	1	TAL EDI	CJM

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: **MB** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-14918/3		460-14918		08/21/2009 09:26	1	TAL EDI	SD
A:8260B	MB 460-14918/3		460-14918		08/21/2009 09:26	1	TAL EDI	SD
P:5030B	MB 460-15029/4		460-15029		08/24/2009 09:41	1	TAL EDI	CJM
A:8260B	MB 460-15029/4		460-15029		08/24/2009 09:41	1	TAL EDI	CJM
P:5030B	MB 460-15245/4		460-15245		08/25/2009 23:46	1	TAL EDI	KB
A:8260B	MB 460-15245/4		460-15245		08/25/2009 23:46	1	TAL EDI	KB
P:5030B	MB 460-15423/5		460-15423		08/27/2009 09:50	1	TAL EDI	SD
A:8260B	MB 460-15423/5		460-15423		08/27/2009 09:50	1	TAL EDI	SD
P:5030B	MB 460-15569/3		460-15569		08/28/2009 09:26	1	TAL EDI	SD
A:8260B	MB 460-15569/3		460-15569		08/28/2009 09:26	1	TAL EDI	SD
P:5030B	MB 460-15720/4		460-15720		08/31/2009 10:17	1	TAL EDI	SD
A:8260B	MB 460-15720/4		460-15720		08/31/2009 10:17	1	TAL EDI	SD
P:3510C	MB 460-14834/1-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	MB 460-14834/1-A		460-15036	460-14834	08/21/2009 17:48	1	TAL EDI	AAA
P:3510C	MB 460-15687/1-A		460-15839	460-15687	08/31/2009 08:39	1	TAL EDI	MC
A:8270C	MB 460-15687/1-A		460-15839	460-15687	09/01/2009 09:17	1	TAL EDI	MC
P:3010A	MB 460-14861/1-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	MB 460-14861/1-A		460-15014	460-14861	08/21/2009 17:37	1	TAL EDI	MPP
P:7470A	MB 460-14991/1-A		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	MB 460-14991/1-A		460-15032	460-14991	08/24/2009 09:16	1	TAL EDI	TS
P:7470A	MB 460-15017/10-A		460-15074	460-15017	08/24/2009 08:00	1	TAL EDI	TS
A:7470A	MB 460-15017/10-A		460-15074	460-15017	08/24/2009 12:11	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-14918/10		460-14918		08/21/2009 13:20	1	TAL EDI	SD
A:8260B	LCS 460-14918/10		460-14918		08/21/2009 13:20	1	TAL EDI	SD
P:5030B	LCS 460-15029/3		460-15029		08/24/2009 08:13	1	TAL EDI	CJM
A:8260B	LCS 460-15029/3		460-15029		08/24/2009 08:13	1	TAL EDI	CJM
P:5030B	LCS 460-15245/3		460-15245		08/25/2009 22:55	1	TAL EDI	KB
A:8260B	LCS 460-15245/3		460-15245		08/25/2009 22:55	1	TAL EDI	KB
P:5030B	LCS 460-15423/3		460-15423		08/27/2009 08:34	1	TAL EDI	SD
A:8260B	LCS 460-15423/3		460-15423		08/27/2009 08:34	1	TAL EDI	SD
P:5030B	LCS 460-15569/4		460-15569		08/28/2009 10:36	1	TAL EDI	SD
A:8260B	LCS 460-15569/4		460-15569		08/28/2009 10:36	1	TAL EDI	SD
P:5030B	LCS 460-15720/3		460-15720		08/31/2009 09:16	1	TAL EDI	SD
A:8260B	LCS 460-15720/3		460-15720		08/31/2009 09:16	1	TAL EDI	SD
P:3510C	LCS 460-14834/2-A		460-15036	460-14834	08/20/2009 18:38	1	TAL EDI	JH
A:8270C	LCS 460-14834/2-A		460-15036	460-14834	08/21/2009 18:13	1	TAL EDI	AAA
P:3510C	LCS 460-15687/2-A		460-15839	460-15687	08/31/2009 08:39	1	TAL EDI	MC
A:8270C	LCS 460-15687/2-A		460-15839	460-15687	09/01/2009 09:42	1	TAL EDI	MC
P:3010A	LCS 460-14861/2-A		460-15014	460-14861	08/21/2009 08:00	1	TAL EDI	SS
A:6010B	LCS 460-14861/2-A		460-15014	460-14861	08/21/2009 17:43	1	TAL EDI	MPP
P:7470A	LCS 460-14991/2-A		460-15032	460-14991	08/23/2009 13:19	1	TAL EDI	ARC
A:7470A	LCS 460-14991/2-A		460-15032	460-14991	08/24/2009 09:18	1	TAL EDI	TS
P:7470A	LCS 460-15017/11-A		460-15074	460-15017	08/24/2009 08:00	1	TAL EDI	TS
A:7470A	LCS 460-15017/11-A		460-15074	460-15017	08/24/2009 12:14	1	TAL EDI	TS

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 460-15423/4		460-15423		08/27/2009 08:59	1	TAL EDI	SD
A:8260B	LCSD 460-15423/4		460-15423		08/27/2009 08:59	1	TAL EDI	SD
P:3510C	LCSD 460-15687/3-A		460-15839	460-15687	08/31/2009 08:39	1	TAL EDI	MC
A:8270C	LCSD 460-15687/3-A		460-15839	460-15687	09/01/2009 10:06	1	TAL EDI	MC

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-4835-1

Laboratory Chronicle

Lab ID: MS **Client ID:** N/A

Sample Date/Time: NA 08/19/2009 13:17 Received Date/Time: NA 08/20/2009 19:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4928-C-5 MS		460-15245		08/26/2009 01:07	1	TAL EDI	KB
A:8260B	460-4928-C-5 MS		460-15245		08/26/2009 01:07	1	TAL EDI	KB
P:5030B	460-5074-E-1 MS		460-15423		08/27/2009 14:46	1	TAL EDI	SD
A:8260B	460-5074-E-1 MS		460-15423		08/27/2009 14:46	1	TAL EDI	SD
P:5030B	460-5002-C-21 MS		460-15569		08/28/2009 11:06	10	TAL EDI	SD
A:8260B	460-5002-C-21 MS		460-15569		08/28/2009 11:06	10	TAL EDI	SD
P:5030B	460-5092-B-1 MS		460-15720		08/31/2009 12:06	1	TAL EDI	SD
A:8260B	460-5092-B-1 MS		460-15720		08/31/2009 12:06	1	TAL EDI	SD

Lab ID: MSD **Client ID:** N/A

Sample Date/Time: NA 08/19/2009 13:17 Received Date/Time: NA 08/20/2009 19:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-4928-C-5 MSD		460-15245		08/26/2009 01:33	1	TAL EDI	KB
A:8260B	460-4928-C-5 MSD		460-15245		08/26/2009 01:33	1	TAL EDI	KB
P:5030B	460-5074-C-1 MSD		460-15423		08/27/2009 15:12	1	TAL EDI	SD
A:8260B	460-5074-C-1 MSD		460-15423		08/27/2009 15:12	1	TAL EDI	SD
P:5030B	460-5002-C-21 MSD		460-15569		08/28/2009 11:32	10	TAL EDI	SD
A:8260B	460-5002-C-21 MSD		460-15569		08/28/2009 11:32	10	TAL EDI	SD
P:5030B	460-5092-A-1 MSD		460-15720		08/31/2009 12:32	1	TAL EDI	SD
A:8260B	460-5092-A-1 MSD		460-15720		08/31/2009 12:32	1	TAL EDI	SD

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	12DCE #	TOL #	BFB #
GW-017338-081709-A CH-01	460-4835-1	100	98	113
GW-017338-081709-A CH-02	460-4835-2	101	97	110
GW-017338-081709-A CH-03	460-4835-3	95	89	102
GW-017338-081809-A CH-04	460-4835-4	100	97	112
GW-017338-081809-A CH-05	460-4835-5	100	97	113
GW-017338-081809-A CH-06	460-4835-6	75	102	105
GW-017338-081809-A CH-06 DL	460-4835-6 DL	100	98	113
GW-017338-081809-A CH-07	460-4835-7	92	96	102
GW-017338-081809-A CH-07 DL	460-4835-7 DL	99	97	113
GW-017338-081809-A CH-08	460-4835-8	108	106	125
TB-017338-081809-A CH-001	460-4835-9	98	98	109
GW-017338-081909-A CH-09	460-4869-1	97	98	110
GW-017338-081909-A CH-09 DL	460-4869-1 DL	96	91	113
GW-017338-081909-A CH-10	460-4869-2	93	96	110
GW-017338-081909-A CH-10 DL	460-4869-2 DL	98	92	113
GW-017338-081909-A CH-11	460-4869-3	92	90	107
GW-017338-081909-A CH-12	460-4869-4	99	103	105
GW-017338-081909-A CH-12 DL	460-4869-4 DL	96	96	111
GW-017338-081909-A CH-13	460-4869-5	94	96	99
GW-017338-081909-A CH-13 DL	460-4869-5 DL	99	94	111
RB-017338-081909-A CH-14	460-4869-6	95	95	110
GW-017338-081909-A CH-15	460-4869-7	94	95	102
GW-017338-081909-A CH-15 DL	460-4869-7 DL	99	94	111
TB-017338-081909-A CH-002	460-4869-8	95	94	111

	QC LIMITS
12DCE = 1,2-Dichloroethane-d4 (Surr)	56-125
TOL = Toluene-d8 (Surr)	72-127
BFB = Bromofluorobenzene	72-145

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	12DCE #	TOL #	BFB #
	MB 460-14918/3	99	96	110
	MB 460-15029/4	102	94	111
	MB 460-15245/4	97	92	109
	MB 460-15423/5	96	96	97
	MB 460-15569/3	96	95	102
	MB 460-15720/4	99	100	110
	LCS 460-14918/10	95	96	106
	LCS 460-15029/3	95	94	112
	LCS 460-15245/3	94	93	111
	LCS 460-15423/3	94	98	102
	LCS 460-15569/4	93	96	101
	LCS 460-15720/3	101	107	115
	LCSD 460-15423/4	102	98	99
GW-017338-081809-A CH-06 MS	460-4835-6 MS	98	97	109
GW-017338-081909-A CH-12 MS	460-4869-4 MS	96	95	110
	460-4928-C-5 MS	94	92	109
	460-5074-E-1 MS	96	98	100
	460-5002-C-21 MS	98	99	103
	460-5092-B-1 MS	79	83	91
GW-017338-081809-A CH-06 MSD	460-4835-6 MSD	98	96	108
GW-017338-081909-A CH-12 MSD	460-4869-4 MSD	97	97	111
	460-4928-C-5 MSD	93	94	108
	460-5074-C-1 MSD	102	99	98
	460-5002-C-21 MSD	93	95	100
	460-5092-A-1 MSD	96	101	110

	QC LIMITS
12DCE = 1,2-Dichloroethane-d4 (Surr)	56-125
TOL = Toluene-d8 (Surr)	72-127
BFB = Bromofluorobenzene	72-145

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30424.d

Lab ID: LCS 460-14918/10 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	18.8	94	70-130	
Chloromethane	20.0	16.5	82	69-134	
Bromomethane	20.0	13.4	67	64-145	
Vinyl chloride	20.0	17.9	89	74-128	
Chloroethane	20.0	19.8	99	52-155	
Trichlorofluoromethane	20.0	17.9	89	51-165	
Freon TF	20.0	16.9	85	70-130	
Methylene Chloride	20.0	17.7	89	78-129	
Acetone	20.0	18.1	91	69-143	
Carbon disulfide	20.0	17.3	87	71-129	
Methyl acetate	20.0	19.8	99	70-130	
1,1-Dichloroethene	20.0	20.4	102	67-133	
1,1-Dichloroethane	20.0	17.0	85	73-129	
cis-1,2-Dichloroethene	20.0	17.9	90	80-120	
trans-1,2-Dichloroethene	20.0	18.0	90	78-129	
MTBE	20.0	18.5	93	70-130	
Chloroform	20.0	19.6	98	80-120	
1,2-Dichloroethane	20.0	18.6	93	79-129	
2-Butanone	20.0	22.4	112	58-131	
1,1,1-Trichloroethane	20.0	20.3	102	77-130	
Cyclohexane	20.0	18.3	92	70-130	
Carbon tetrachloride	20.0	20.9	104	76-131	
Bromodichloromethane	20.0	18.3	91	76-124	
1,2-Dichloropropane	20.0	17.4	87	76-127	
cis-1,3-Dichloropropene	20.0	16.9	84	80-120	
Trichloroethene	20.0	18.6	93	75-127	
Methylcyclohexane	20.0	17.9	90	70-130	
Dibromochloromethane	20.0	18.0	90	80-120	
1,1,2-Trichloroethane	20.0	17.4	87	76-130	
Benzene	20.0	17.1	85	73-131	
trans-1,3-Dichloropropene	20.0	17.3	87	76-126	
Bromoform	20.0	18.1	90	56-129	
Isopropylbenzene	20.0	19.5	97	70-130	
4-Methyl-2-pentanone	20.0	17.3	87	60-130	
2-Hexanone	20.0	19.1	96	53-135	
Tetrachloroethene	20.0	18.9	94	78-125	
Toluene	20.0	18.6	93	78-128	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	65-129	
Chlorobenzene	20.0	17.6	88	79-125	
Ethylbenzene	20.0	17.8	89	77-130	
Xylenes, Total	60.0	53.4	89	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30424.d

Lab ID: LCS 460-14918/10 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	17.6	88	75-127	
1,2-Dibromo-3-Chloropropane	20.0	18.9	94	70-130	
1,3-Dichlorobenzene	20.0	17.7	88	80-120	
1,4-Dichlorobenzene	20.0	17.9	90	80-120	
1,2-Dichlorobenzene	20.0	17.7	89	80-120	
1,2,4-Trichlorobenzene	20.0	17.6	88	70-130	
1,2-Dibromoethane	20.0	18.1	91	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30442.d

Lab ID: LCS 460-15029/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	22.5	113	70-130	
Chloromethane	20.0	17.8	89	69-134	
Bromomethane	20.0	16.9	85	64-145	
Vinyl chloride	20.0	20.7	103	74-128	
Chloroethane	20.0	23.1	115	52-155	
Trichlorofluoromethane	20.0	22.3	111	51-165	
Freon TF	20.0	16.0	80	70-130	
Methylene Chloride	20.0	16.9	85	78-129	
Acetone	20.0	21.2	106	69-143	
Carbon disulfide	20.0	14.7	73	71-129	
Methyl acetate	20.0	19.2	96	70-130	
1,1-Dichloroethene	20.0	18.3	91	67-133	
1,1-Dichloroethane	20.0	16.2	81	73-129	
cis-1,2-Dichloroethene	20.0	17.4	87	80-120	
trans-1,2-Dichloroethene	20.0	16.4	82	78-129	
MTBE	20.0	18.6	93	70-130	
Chloroform	20.0	19.7	98	80-120	
1,2-Dichloroethane	20.0	18.4	92	79-129	
2-Butanone	20.0	24.4	122	58-131	
1,1,1-Trichloroethane	20.0	20.0	100	77-130	
Cyclohexane	20.0	17.9	89	70-130	
Carbon tetrachloride	20.0	21.1	105	76-131	
Bromodichloromethane	20.0	18.1	90	76-124	
1,2-Dichloropropane	20.0	17.4	87	76-127	
cis-1,3-Dichloropropene	20.0	17.0	85	80-120	
Trichloroethene	20.0	18.4	92	75-127	
Methylcyclohexane	20.0	18.0	90	70-130	
Dibromochloromethane	20.0	18.2	91	80-120	
1,1,2-Trichloroethane	20.0	17.2	86	76-130	
Benzene	20.0	16.3	81	73-131	
trans-1,3-Dichloropropene	20.0	17.2	86	76-126	
Bromoform	20.0	19.3	96	56-129	
Isopropylbenzene	20.0	19.6	98	70-130	
4-Methyl-2-pentanone	20.0	18.3	91	60-130	
2-Hexanone	20.0	19.6	98	53-135	
Tetrachloroethene	20.0	18.5	92	78-125	
Toluene	20.0	18.2	91	78-128	
1,1,2,2-Tetrachloroethane	20.0	18.1	91	65-129	
Chlorobenzene	20.0	17.4	87	79-125	
Ethylbenzene	20.0	17.6	88	77-130	
Xylenes, Total	60.0	53.2	89	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30442.d

Lab ID: LCS 460-15029/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	17.4	87	75-127	
1,2-Dibromo-3-Chloropropane	20.0	20.6	103	70-130	
1,3-Dichlorobenzene	20.0	17.7	89	80-120	
1,4-Dichlorobenzene	20.0	17.3	87	80-120	
1,2-Dichlorobenzene	20.0	17.8	89	80-120	
1,2,4-Trichlorobenzene	20.0	18.6	93	70-130	
1,2-Dibromoethane	20.0	18.1	90	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30495.d

Lab ID: LCS 460-15245/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	24.4	122	70-130	
Chloromethane	20.0	18.2	91	69-134	
Bromomethane	20.0	15.0	75	64-145	
Vinyl chloride	20.0	21.6	108	74-128	
Chloroethane	20.0	25.9	129	52-155	
Trichlorofluoromethane	20.0	24.4	122	51-165	
Freon TF	20.0	17.9	90	70-130	
Methylene Chloride	20.0	17.3	87	78-129	
Acetone	20.0	21.7	109	69-143	
Carbon disulfide	20.0	15.4	77	71-129	
Methyl acetate	20.0	19.0	95	70-130	
1,1-Dichloroethene	20.0	19.6	98	67-133	
1,1-Dichloroethane	20.0	16.5	83	73-129	
cis-1,2-Dichloroethene	20.0	18.2	91	80-120	
trans-1,2-Dichloroethene	20.0	17.7	89	78-129	
MTBE	20.0	19.2	96	70-130	
Chloroform	20.0	20.0	100	80-120	
1,2-Dichloroethane	20.0	19.4	97	79-129	
2-Butanone	20.0	24.7	124	58-131	
1,1,1-Trichloroethane	20.0	21.7	108	77-130	
Cyclohexane	20.0	19.0	95	70-130	
Carbon tetrachloride	20.0	22.6	113	76-131	
Bromodichloromethane	20.0	19.5	97	76-124	
1,2-Dichloropropane	20.0	18.3	92	76-127	
cis-1,3-Dichloropropene	20.0	17.7	89	80-120	
Trichloroethene	20.0	19.8	99	75-127	
Methylcyclohexane	20.0	19.9	100	70-130	
Dibromochloromethane	20.0	18.8	94	80-120	
1,1,2-Trichloroethane	20.0	17.4	87	76-130	
Benzene	20.0	16.7	83	73-131	
trans-1,3-Dichloropropene	20.0	17.6	88	76-126	
Bromoform	20.0	19.7	98	56-129	
Isopropylbenzene	20.0	20.9	105	70-130	
4-Methyl-2-pentanone	20.0	17.6	88	60-130	
2-Hexanone	20.0	18.7	94	53-135	
Tetrachloroethene	20.0	19.7	98	78-125	
Toluene	20.0	19.4	97	78-128	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	65-129	
Chlorobenzene	20.0	18.6	93	79-125	
Ethylbenzene	20.0	18.8	94	77-130	
Xylenes, Total	60.0	56.0	93	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30495.d

Lab ID: LCS 460-15245/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	18.4	92	75-127	
1,2-Dibromo-3-Chloropropane	20.0	20.0	100	70-130	
1,3-Dichlorobenzene	20.0	18.8	94	80-120	
1,4-Dichlorobenzene	20.0	18.7	93	80-120	
1,2-Dichlorobenzene	20.0	18.7	93	80-120	
1,2,4-Trichlorobenzene	20.0	19.1	95	70-130	
1,2-Dibromoethane	20.0	18.9	95	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30563.d

Lab ID: LCS 460-15423/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	21.6	108	70-130	
Chloromethane	20.0	20.1	101	69-134	
Bromomethane	20.0	22.9	115	64-145	
Vinyl chloride	20.0	22.2	111	74-128	
Chloroethane	20.0	18.1	91	52-155	
Trichlorofluoromethane	20.0	18.8	94	51-165	
Freon TF	20.0	17.8	89	70-130	
Methylene Chloride	20.0	18.7	94	78-129	
Acetone	20.0	20.3	101	69-143	
Carbon disulfide	20.0	17.1	85	71-129	
Methyl acetate	20.0	18.7	93	70-130	
1,1-Dichloroethene	20.0	20.8	104	67-133	
1,1-Dichloroethane	20.0	18.6	93	73-129	
cis-1,2-Dichloroethene	20.0	18.6	93	80-120	
trans-1,2-Dichloroethene	20.0	18.3	91	78-129	
MTBE	20.0	18.4	92	70-130	
Chloroform	20.0	18.8	94	80-120	
1,2-Dichloroethane	20.0	18.1	91	79-129	
2-Butanone	20.0	18.5	92	58-131	
1,1,1-Trichloroethane	20.0	19.0	95	77-130	
Cyclohexane	20.0	17.9	89	70-130	
Carbon tetrachloride	20.0	19.7	99	76-131	
Bromodichloromethane	20.0	18.8	94	76-124	
1,2-Dichloropropane	20.0	18.6	93	76-127	
cis-1,3-Dichloropropene	20.0	18.8	94	80-120	
Trichloroethene	20.0	18.4	92	75-127	
Methylcyclohexane	20.0	18.2	91	70-130	
Dibromochloromethane	20.0	18.9	95	80-120	
1,1,2-Trichloroethane	20.0	18.8	94	76-130	
Benzene	20.0	18.0	90	73-131	
trans-1,3-Dichloropropene	20.0	19.2	96	76-126	
Bromoform	20.0	19.0	95	56-129	
Isopropylbenzene	20.0	19.4	97	70-130	
4-Methyl-2-pentanone	20.0	19.3	97	60-130	
2-Hexanone	20.0	18.5	93	53-135	
Tetrachloroethene	20.0	19.5	97	78-125	
Toluene	20.0	18.1	91	78-128	
1,1,2,2-Tetrachloroethane	20.0	20.3	101	65-129	
Chlorobenzene	20.0	18.3	92	79-125	
Ethylbenzene	20.0	18.4	92	77-130	
Xylenes, Total	60.0	55.8	93	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30563.d

Lab ID: LCS 460-15423/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	17.9	90	75-127	
1,2-Dibromo-3-Chloropropane	20.0	19.6	98	70-130	
1,3-Dichlorobenzene	20.0	18.7	94	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	80-120	
1,2-Dichlorobenzene	20.0	18.8	94	80-120	
1,2,4-Trichlorobenzene	20.0	19.1	96	70-130	
1,2-Dibromoethane	20.0	18.8	94	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30593.d

Lab ID: LCS 460-15569/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	21.3	107	70-130	
Chloromethane	20.0	20.2	101	69-134	
Bromomethane	20.0	18.0	90	64-145	
Vinyl chloride	20.0	21.3	107	74-128	
Chloroethane	20.0	17.6	88	52-155	
Trichlorofluoromethane	20.0	18.3	91	51-165	
Freon TF	20.0	17.5	87	70-130	
Methylene Chloride	20.0	19.0	95	78-129	
Acetone	20.0	20.9	104	69-143	
Carbon disulfide	20.0	16.3	82	71-129	
Methyl acetate	20.0	19.5	98	70-130	
1,1-Dichloroethene	20.0	20.7	104	67-133	
1,1-Dichloroethane	20.0	19.6	98	73-129	
cis-1,2-Dichloroethene	20.0	20.0	100	80-120	
trans-1,2-Dichloroethene	20.0	18.9	95	78-129	
MTBE	20.0	18.6	93	70-130	
Chloroform	20.0	20.2	101	80-120	
1,2-Dichloroethane	20.0	19.4	97	79-129	
2-Butanone	20.0	20.0	100	58-131	
1,1,1-Trichloroethane	20.0	20.5	103	77-130	
Cyclohexane	20.0	18.8	94	70-130	
Carbon tetrachloride	20.0	20.1	101	76-131	
Bromodichloromethane	20.0	19.8	99	76-124	
1,2-Dichloropropane	20.0	20.1	100	76-127	
cis-1,3-Dichloropropene	20.0	20.5	102	80-120	
Trichloroethene	20.0	19.6	98	75-127	
Methylcyclohexane	20.0	18.2	91	70-130	
Dibromochloromethane	20.0	20.2	101	80-120	
1,1,2-Trichloroethane	20.0	20.0	100	76-130	
Benzene	20.0	19.0	95	73-131	
trans-1,3-Dichloropropene	20.0	19.8	99	76-126	
Bromoform	20.0	20.1	101	56-129	
Isopropylbenzene	20.0	20.9	105	70-130	
4-Methyl-2-pentanone	20.0	19.0	95	60-130	
2-Hexanone	20.0	20.2	101	53-135	
Tetrachloroethene	20.0	20.1	100	78-125	
Toluene	20.0	19.0	95	78-128	
1,1,2,2-Tetrachloroethane	20.0	20.9	104	65-129	
Chlorobenzene	20.0	19.5	98	79-125	
Ethylbenzene	20.0	20.1	100	77-130	
Xylenes, Total	60.0	59.1	98	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30593.d

Lab ID: LCS 460-15569/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.3	96	75-127	
1,2-Dibromo-3-Chloropropane	20.0	19.7	98	70-130	
1,3-Dichlorobenzene	20.0	19.9	99	80-120	
1,4-Dichlorobenzene	20.0	19.9	100	80-120	
1,2-Dichlorobenzene	20.0	19.3	97	80-120	
1,2,4-Trichlorobenzene	20.0	20.1	101	70-130	
1,2-Dibromoethane	20.0	19.7	98	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30620.d

Lab ID: LCS 460-15720/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	19.7	99	70-130	
Chloromethane	20.0	19.9	99	69-134	
Bromomethane	20.0	20.2	101	64-145	
Vinyl chloride	20.0	20.8	104	74-128	
Chloroethane	20.0	17.7	89	52-155	
Trichlorofluoromethane	20.0	17.7	88	51-165	
Freon TF	20.0	17.6	88	70-130	
Methylene Chloride	20.0	20.0	100	78-129	
Acetone	20.0	23.6	118	69-143	
Carbon disulfide	20.0	17.6	88	71-129	
Methyl acetate	20.0	21.7	109	70-130	
1,1-Dichloroethene	20.0	21.1	105	67-133	
1,1-Dichloroethane	20.0	20.0	100	73-129	
cis-1,2-Dichloroethene	20.0	20.0	100	80-120	
trans-1,2-Dichloroethene	20.0	18.8	94	78-129	
MTBE	20.0	20.1	100	70-130	
Chloroform	20.0	20.4	102	80-120	
1,2-Dichloroethane	20.0	19.7	99	79-129	
2-Butanone	20.0	21.3	107	58-131	
1,1,1-Trichloroethane	20.0	19.5	98	77-130	
Cyclohexane	20.0	18.5	93	70-130	
Carbon tetrachloride	20.0	20.0	100	76-131	
Bromodichloromethane	20.0	20.0	100	76-124	
1,2-Dichloropropane	20.0	20.1	101	76-127	
cis-1,3-Dichloropropene	20.0	20.9	105	80-120	
Trichloroethene	20.0	18.6	93	75-127	
Methylcyclohexane	20.0	18.1	90	70-130	
Dibromochloromethane	20.0	20.8	104	80-120	
1,1,2-Trichloroethane	20.0	21.1	105	76-130	
Benzene	20.0	19.1	96	73-131	
trans-1,3-Dichloropropene	20.0	20.8	104	76-126	
Bromoform	20.0	21.5	107	56-129	
Isopropylbenzene	20.0	20.6	103	70-130	
4-Methyl-2-pentanone	20.0	23.1	116	60-130	
2-Hexanone	20.0	21.8	109	53-135	
Tetrachloroethene	20.0	19.4	97	78-125	
Toluene	20.0	19.0	95	78-128	
1,1,2,2-Tetrachloroethane	20.0	22.5	112	65-129	
Chlorobenzene	20.0	19.3	96	79-125	
Ethylbenzene	20.0	19.8	99	77-130	
Xylenes, Total	60.0	58.4	97	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30620.d

Lab ID: LCS 460-15720/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.4	97	75-127	
1,2-Dibromo-3-Chloropropane	20.0	22.7	113	70-130	
1,3-Dichlorobenzene	20.0	19.5	98	80-120	
1,4-Dichlorobenzene	20.0	19.7	98	80-120	
1,2-Dichlorobenzene	20.0	19.8	99	80-120	
1,2,4-Trichlorobenzene	20.0	19.9	99	70-130	
1,2-Dibromoethane	20.0	21.0	105	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30564.d

Lab ID: LCSD 460-15423/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	21.0	105	3	30	70-130	
Chloromethane	20.0	20.9	105	4	30	69-134	
Bromomethane	20.0	23.1	115	1	30	64-145	
Vinyl chloride	20.0	21.7	109	2	30	74-128	
Chloroethane	20.0	18.4	92	1	30	52-155	
Trichlorofluoromethane	20.0	18.8	94	0	30	51-165	
Freon TF	20.0	17.5	88	2	30	70-130	
Methylene Chloride	20.0	19.4	97	4	30	78-129	
Acetone	20.0	22.9	114	12	30	69-143	
Carbon disulfide	20.0	17.3	86	1	30	71-129	
Methyl acetate	20.0	19.1	96	2	30	70-130	
1,1-Dichloroethene	20.0	20.9	105	1	30	67-133	
1,1-Dichloroethane	20.0	19.0	95	2	30	73-129	
cis-1,2-Dichloroethene	20.0	19.3	97	4	30	80-120	
trans-1,2-Dichloroethene	20.0	19.1	95	4	30	78-129	
MTBE	20.0	18.4	92	0	30	70-130	
Chloroform	20.0	19.4	97	3	30	80-120	
1,2-Dichloroethane	20.0	18.6	93	2	30	79-129	
2-Butanone	20.0	18.5	93	0	30	58-131	
1,1,1-Trichloroethane	20.0	19.8	99	4	30	77-130	
Cyclohexane	20.0	18.3	92	2	30	70-130	
Carbon tetrachloride	20.0	19.6	98	1	30	76-131	
Bromodichloromethane	20.0	18.7	94	0	30	76-124	
1,2-Dichloropropane	20.0	19.1	96	3	30	76-127	
cis-1,3-Dichloropropene	20.0	19.3	97	3	30	80-120	
Trichloroethene	20.0	18.8	94	2	30	75-127	
Methylcyclohexane	20.0	18.1	91	0	30	70-130	
Dibromochloromethane	20.0	18.7	94	1	30	80-120	
1,1,2-Trichloroethane	20.0	19.1	96	2	30	76-130	
Benzene	20.0	18.8	94	4	30	73-131	
trans-1,3-Dichloropropene	20.0	19.1	96	0	30	76-126	
Bromoform	20.0	19.5	98	3	30	56-129	
Isopropylbenzene	20.0	19.9	100	3	30	70-130	
4-Methyl-2-pentanone	20.0	19.3	97	0	30	60-130	
2-Hexanone	20.0	20.3	102	9	30	53-135	
Tetrachloroethene	20.0	19.4	97	0	30	78-125	
Toluene	20.0	18.5	92	2	30	78-128	
1,1,2,2-Tetrachloroethane	20.0	20.4	102	1	30	65-129	
Chlorobenzene	20.0	18.5	93	1	30	79-125	
Ethylbenzene	20.0	18.9	94	3	30	77-130	
Xylenes, Total	60.0	56.7	95	2	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30564.d

Lab ID: LCSD 460-15423/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	18.7	93	4	30	75-127	
1,2-Dibromo-3-Chloropropane	20.0	21.0	105	7	30	70-130	
1,3-Dichlorobenzene	20.0	19.0	95	1	30	80-120	
1,4-Dichlorobenzene	20.0	19.2	96	1	30	80-120	
1,2-Dichlorobenzene	20.0	19.2	96	2	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.4	97	1	30	70-130	
1,2-Dibromoethane	20.0	19.1	96	2	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30425.d

Lab ID: 460-4835-6 MS Client ID: GW-017338-081809-ACH-06 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	100	5.0 U	110	110	70-130	
Chloromethane	100	5.0 U	90.1	90	69-134	
Bromomethane	100	5.0 U	72.5	72	64-145	
Vinyl chloride	100	5.0 U	99.9	100	74-128	
Chloroethane	100	5.0 U	106	106	52-155	
Trichlorofluoromethane	100	5.0 U	101	101	51-165	
Freon TF	100	5.0 U	89.2	89	70-130	
Methylene Chloride	100	5.0 U	87.5	88	78-129	
Acetone	100	50 U	110	110	69-143	
Carbon disulfide	100	5.0 U	88.9	89	71-129	
Methyl acetate	100	10 U	97.0	97	70-130	
1,1-Dichloroethene	100	5.0 U	103	103	67-133	
1,1-Dichloroethane	100	5.0 U	85.6	86	73-129	
cis-1,2-Dichloroethene	100	5.0 U	91.5	92	80-120	
trans-1,2-Dichloroethene	100	5.0 U	88.8	89	78-129	
MTBE	100	5.0 U	95.3	95	70-130	
Chloroform	100	5.0 U	101	101	80-120	
1,2-Dichloroethane	100	5.0 U	97.8	98	79-129	
2-Butanone	100	50 U	114	114	58-131	
1,1,1-Trichloroethane	100	5.0 U	106	106	77-130	
Cyclohexane	100	6.0	104	98	70-130	
Carbon tetrachloride	100	5.0 U	109	109	76-131	
Bromodichloromethane	100	5.0 U	91.9	92	76-124	
1,2-Dichloropropane	100	5.0 U	89.4	89	76-127	
cis-1,3-Dichloropropene	100	5.0 U	86.1	86	80-120	
Trichloroethene	100	5.0 U	92.9	93	75-127	
Methylcyclohexane	100	14	109	96	70-130	
Dibromochloromethane	100	5.0 U	89.2	89	80-120	
1,1,2-Trichloroethane	100	5.0 U	90.8	91	76-130	
Benzene	100	8.7	96.6	88	73-131	
trans-1,3-Dichloropropene	100	5.0 U	85.9	86	76-126	
Bromoform	100	5.0 U	94.7	95	56-129	
Isopropylbenzene	100	58	156	98	70-130	
4-Methyl-2-pentanone	100	50 U	91.5	91	60-130	
2-Hexanone	100	50 U	96.3	96	53-135	
Tetrachloroethene	100	5.0 U	91.3	91	78-125	
Toluene	100	210	289	84	78-128	
1,1,2,2-Tetrachloroethane	100	5.0 U	91.2	91	65-129	
Chlorobenzene	100	5.0 U	89.5	90	79-125	
Ethylbenzene	100	490	547	55	77-130	4
Xylenes, Total	300	1300	1460	61	70-130	4

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30425.d

Lab ID: 460-4835-6 MS Client ID: GW-017338-081809-ACH-06 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	100	5.0 U	88.4	88	75-127	
1,2-Dibromo-3-Chloropropane	100	5.0 U	87.0	87	70-130	
1,3-Dichlorobenzene	100	5.0 U	88.7	89	80-120	
1,4-Dichlorobenzene	100	5.0 U	90.4	90	80-120	
1,2-Dichlorobenzene	100	5.0 U	92.6	93	80-120	
1,2,4-Trichlorobenzene	100	5.0 U	91.5	92	70-130	
1,2-Dibromoethane	100	5.0 U	90.6	91	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30450.d

Lab ID: 460-4869-4 MS Client ID: GW-017338-081909-ACH-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	500	25 U	550	110	70-130	
Chloromethane	500	25 U	425	85	69-134	
Bromomethane	500	25 U	461	92	64-145	
Vinyl chloride	500	25 U	487	97	74-128	
Chloroethane	500	25 U	531	106	52-155	
Trichlorofluoromethane	500	25 U	555	111	51-165	
Freon TF	500	25 U	407	81	70-130	
Methylene Chloride	500	25 U	408	82	78-129	
Acetone	500	250 U	564	113	69-143	
Carbon disulfide	500	25 U	367	73	71-129	
Methyl acetate	500	50 U	486	97	70-130	
1,1-Dichloroethene	500	25 U	464	93	67-133	
1,1-Dichloroethane	500	25 U	407	81	73-129	
cis-1,2-Dichloroethene	500	25 U	425	85	80-120	
trans-1,2-Dichloroethene	500	25 U	418	84	78-129	
MTBE	500	25	491	93	70-130	
Chloroform	500	25 U	488	98	80-120	
1,2-Dichloroethane	500	25 U	468	94	79-129	
2-Butanone	500	250 U	557	111	58-131	
1,1,1-Trichloroethane	500	25 U	510	102	77-130	
Cyclohexane	500	8.5 J	452	89	70-130	
Carbon tetrachloride	500	25 U	529	106	76-131	
Bromodichloromethane	500	25 U	448	90	76-124	
1,2-Dichloropropane	500	25 U	427	85	76-127	
cis-1,3-Dichloropropene	500	25 U	410	82	80-120	
Trichloroethene	500	25 U	464	93	75-127	
Methylcyclohexane	500	73	553	96	70-130	
Dibromochloromethane	500	25 U	451	90	80-120	
1,1,2-Trichloroethane	500	25 U	518	104	76-130	
Benzene	500	14 J	421	81	73-131	
trans-1,3-Dichloropropene	500	25 U	428	86	76-126	
Bromoform	500	25 U	484	97	56-129	
Isopropylbenzene	500	10 J	494	97	70-130	
4-Methyl-2-pentanone	500	250 U	467	93	60-130	
2-Hexanone	500	250 U	491	98	53-135	
Tetrachloroethene	500	25 U	457	91	78-125	
Toluene	500	4800	5040	44	78-128	4
1,1,2,2-Tetrachloroethane	500	25 U	464	93	65-129	
Chlorobenzene	500	25 U	435	87	79-125	
Ethylbenzene	500	580	1010	86	77-130	
Xylenes, Total	1500	3200	4430	79	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30450.d

Lab ID: 460-4869-4 MS Client ID: GW-017338-081909-ACH-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	500	25 U	431	86	75-127	
1,2-Dibromo-3-Chloropropane	500	25 U	482	96	70-130	
1,3-Dichlorobenzene	500	25 U	437	87	80-120	
1,4-Dichlorobenzene	500	25 U	450	90	80-120	
1,2-Dichlorobenzene	500	25 U	453	91	80-120	
1,2,4-Trichlorobenzene	500	25 U	474	95	70-130	
1,2-Dibromoethane	500	25 U	444	89	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30499.d

Lab ID: 460-4928-C-5 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	1.0 U	23.5	117	70-130	
Chloromethane	20.0	1.0 U	18.8	94	69-134	
Bromomethane	20.0	1.0 U	13.6	68	64-145	
Vinyl chloride	20.0	1.0 U	21.1	105	74-128	
Chloroethane	20.0	1.0 U	23.8	119	52-155	
Trichlorofluoromethane	20.0	1.0 U	22.7	113	51-165	
Freon TF	20.0	1.0 U	16.8	84	70-130	
Methylene Chloride	20.0	1.0 U	16.3	81	78-129	
Acetone	20.0	10 U	25.7	128	69-143	
Carbon disulfide	20.0	1.0 U	14.3	71	71-129	
Methyl acetate	20.0	2.0 U	19.2	96	70-130	
1,1-Dichloroethene	20.0	1.0 U	18.2	91	67-133	
1,1-Dichloroethane	20.0	1.0 U	15.6	78	73-129	
cis-1,2-Dichloroethene	20.0	0.31 J	17.3	85	80-120	
trans-1,2-Dichloroethene	20.0	1.0 U	16.6	83	78-129	
MTBE	20.0	1.0 U	18.1	90	70-130	
Chloroform	20.0	1.0 U	18.2	91	80-120	
1,2-Dichloroethane	20.0	1.0 U	18.0	90	79-129	
2-Butanone	20.0	10 U	23.8	119	58-131	
1,1,1-Trichloroethane	20.0	1.0 U	19.8	99	77-130	
Cyclohexane	20.0	1.0 U	17.3	87	70-130	
Carbon tetrachloride	20.0	1.0 U	21.1	105	76-131	
Bromodichloromethane	20.0	1.0 U	17.6	88	76-124	
1,2-Dichloropropane	20.0	1.0 U	16.7	83	76-127	
cis-1,3-Dichloropropene	20.0	1.0 U	15.8	79	80-120	F
Trichloroethene	20.0	1.0 U	18.7	94	75-127	
Methylcyclohexane	20.0	1.5	20.0	92	70-130	
Dibromochloromethane	20.0	1.0 U	17.3	86	80-120	
1,1,2-Trichloroethane	20.0	1.0 U	17.8	89	76-130	
Benzene	20.0	1.0 U	15.1	76	73-131	
trans-1,3-Dichloropropene	20.0	1.0 U	16.6	83	76-126	
Bromoform	20.0	1.0 U	18.6	93	56-129	
Isopropylbenzene	20.0	44	59.4	76	70-130	
4-Methyl-2-pentanone	20.0	10 U	21.9	110	60-130	
2-Hexanone	20.0	10 U	20.6	103	53-135	
Tetrachloroethene	20.0	1.0 U	17.8	89	78-125	
Toluene	20.0	190	206	101	78-128	4
1,1,2,2-Tetrachloroethane	20.0	1.0 U	18.5	93	65-129	
Chlorobenzene	20.0	1.1	17.9	84	79-125	
Ethylbenzene	20.0	130	141	79	77-130	4
Xylenes, Total	60.0	500	547	70	70-130	4

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30499.d

Lab ID: 460-4928-C-5 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	20.0	1.0 U	17.0	85	75-127	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	20.0	100	70-130	
1,3-Dichlorobenzene	20.0	1.0 U	16.8	84	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	17.3	87	80-120	
1,2-Dichlorobenzene	20.0	0.78 J	18.0	86	80-120	
1,2,4-Trichlorobenzene	20.0	1.0 U	18.1	91	70-130	
1,2-Dibromoethane	20.0	1.0 U	17.1	85	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30574.d

Lab ID: 460-5074-E-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	1.0 U	1.0 U	0	70-130	F
Chloromethane	20.0	1.0 U	21.6	108	69-134	
Bromomethane	20.0	1.0 U	18.6	93	64-145	
Vinyl chloride	20.0	1.0 U	21.8	109	74-128	
Chloroethane	20.0	1.0 U	18.0	90	52-155	
Trichlorofluoromethane	20.0	1.0 U	18.7	93	51-165	
Freon TF	20.0	1.0 U	15.3	77	70-130	
Methylene Chloride	20.0	1.0 U	18.4	92	78-129	
Acetone	20.0	10 U	19.6	98	69-143	
Carbon disulfide	20.0	1.0 U	15.5	77	71-129	
Methyl acetate	20.0	2.0 U	18.5	93	70-130	
1,1-Dichloroethene	20.0	1.0 U	19.4	97	67-133	
1,1-Dichloroethane	20.0	1.0 U	18.5	93	73-129	
cis-1,2-Dichloroethene	20.0	1.0 U	18.4	92	80-120	
trans-1,2-Dichloroethene	20.0	1.0 U	18.3	91	78-129	
MTBE	20.0	0.36 J	17.8	87	70-130	
Chloroform	20.0	1.0 U	19.1	95	80-120	
1,2-Dichloroethane	20.0	1.0 U	18.6	93	79-129	
2-Butanone	20.0	10 U	18.8	94	58-131	
1,1,1-Trichloroethane	20.0	1.0 U	18.9	94	77-130	
Cyclohexane	20.0	1.0 U	16.7	83	70-130	
Carbon tetrachloride	20.0	1.0 U	19.9	100	76-131	
Bromodichloromethane	20.0	1.0 U	18.9	95	76-124	
1,2-Dichloropropane	20.0	1.0 U	18.9	94	76-127	
cis-1,3-Dichloropropene	20.0	1.0 U	19.0	95	80-120	
Trichloroethene	20.0	1.0 U	18.3	92	75-127	
Methylcyclohexane	20.0	1.0 U	16.5	83	70-130	
Dibromochloromethane	20.0	1.0 U	18.9	95	80-120	
1,1,2-Trichloroethane	20.0	1.0 U	18.7	94	76-130	
Benzene	20.0	1.0 U	18.3	91	73-131	
trans-1,3-Dichloropropene	20.0	1.0 U	18.3	92	76-126	
Bromoform	20.0	1.0 U	19.0	95	56-129	
Isopropylbenzene	20.0	1.0 U	19.7	99	70-130	
4-Methyl-2-pentanone	20.0	10 U	18.4	92	60-130	
2-Hexanone	20.0	10 U	18.4	92	53-135	
Tetrachloroethene	20.0	1.0 U	19.7	98	78-125	
Toluene	20.0	1.0 U	18.3	91	78-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	19.8	99	65-129	
Chlorobenzene	20.0	1.0 U	18.9	94	79-125	
Ethylbenzene	20.0	1.0 U	18.7	94	77-130	
Xylenes, Total	60.0	3.0 U	56.3	94	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30574.d

Lab ID: 460-5074-E-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	20.0	1.0 U	18.7	93	75-127	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	18.5	93	70-130	
1,3-Dichlorobenzene	20.0	1.0 U	18.7	94	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	19.2	96	80-120	
1,2-Dichlorobenzene	20.0	1.0 U	18.4	92	80-120	
1,2,4-Trichlorobenzene	20.0	1.0 U	18.1	91	70-130	
1,2-Dibromoethane	20.0	1.0 U	18.5	93	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30594.d

Lab ID: 460-5002-C-21 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	200	10 U	227	114	70-130	
Chloromethane	200	10 U	217	109	69-134	
Bromomethane	200	10 U	183	91	64-145	
Vinyl chloride	200	10 U	225	113	74-128	
Chloroethane	200	10 U	188	94	52-155	
Trichlorofluoromethane	200	10 U	195	98	51-165	
Freon TF	200	10 U	165	83	70-130	
Methylene Chloride	200	10 U	194	97	78-129	
Acetone	200	100 U	206	103	69-143	
Carbon disulfide	200	10 U	153	76	71-129	
Methyl acetate	200	20 U	191	95	70-130	
1,1-Dichloroethene	200	10 U	196	98	67-133	
1,1-Dichloroethane	200	10 U	188	94	73-129	
cis-1,2-Dichloroethene	200	10 U	195	97	80-120	
trans-1,2-Dichloroethene	200	10 U	185	92	78-129	
MTBE	200	10 U	181	90	70-130	
Chloroform	200	10 U	201	101	80-120	
1,2-Dichloroethane	200	10 U	189	94	79-129	
2-Butanone	200	100 U	195	97	58-131	
1,1,1-Trichloroethane	200	10 U	198	99	77-130	
Cyclohexane	200	10 U	180	90	70-130	
Carbon tetrachloride	200	10 U	201	101	76-131	
Bromodichloromethane	200	10 U	202	101	76-124	
1,2-Dichloropropane	200	10 U	195	97	76-127	
cis-1,3-Dichloropropene	200	10 U	196	98	80-120	
Trichloroethene	200	10 U	189	94	75-127	
Methylcyclohexane	200	10 U	187	93	70-130	
Dibromochloromethane	200	10 U	196	98	80-120	
1,1,2-Trichloroethane	200	10 U	195	98	76-130	
Benzene	200	95	288	97	73-131	
trans-1,3-Dichloropropene	200	10 U	195	98	76-126	
Bromoform	200	10 U	204	102	56-129	
Isopropylbenzene	200	10 U	206	103	70-130	
4-Methyl-2-pentanone	200	100 U	191	96	60-130	
2-Hexanone	200	100 U	200	100	53-135	
Tetrachloroethene	200	10 U	206	103	78-125	
Toluene	200	10 U	189	94	78-128	
1,1,2,2-Tetrachloroethane	200	10 U	207	104	65-129	
Chlorobenzene	200	1700	2030	144	79-125	4
Ethylbenzene	200	10 U	196	98	77-130	
Xylenes, Total	600	30 U	578	96	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30594.d

Lab ID: 460-5002-C-21 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	200	10 U	192	96	75-127	
1,2-Dibromo-3-Chloropropane	200	10 U	203	101	70-130	
1,3-Dichlorobenzene	200	10 U	196	98	80-120	
1,4-Dichlorobenzene	200	6.6 J	205	99	80-120	
1,2-Dichlorobenzene	200	27	223	98	80-120	
1,2,4-Trichlorobenzene	200	10 U	199	99	70-130	
1,2-Dibromoethane	200	10 U	195	98	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30626.d

Lab ID: 460-5092-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	1.0 U	21.0	105	70-130	
Chloromethane	20.0	1.0 U	20.7	103	69-134	
Bromomethane	20.0	1.0 U	16.9	85	64-145	
Vinyl chloride	20.0	1.0 U	20.6	103	74-128	
Chloroethane	20.0	1.0 U	18.7	93	52-155	
Trichlorofluoromethane	20.0	1.0 U	17.8	89	51-165	
Freon TF	20.0	1.0 U	14.8	74	70-130	
Methylene Chloride	20.0	1.0 U	17.1	85	78-129	
Acetone	20.0	10 U	17.6	88	69-143	
Carbon disulfide	20.0	1.0 U	14.2	71	71-129	
Methyl acetate	20.0	2.0 U	17.4	87	70-130	
1,1-Dichloroethene	20.0	1.0 U	17.8	89	67-133	
1,1-Dichloroethane	20.0	1.0 U	17.4	87	73-129	
cis-1,2-Dichloroethene	20.0	0.33 J	17.4	86	80-120	
trans-1,2-Dichloroethene	20.0	1.0 U	16.4	82	78-129	
MTBE	20.0	0.30 J	17.0	84	70-130	
Chloroform	20.0	1.8	20.1	91	80-120	
1,2-Dichloroethane	20.0	1.0 U	17.7	88	79-129	
2-Butanone	20.0	10 U	17.5	87	58-131	
1,1,1-Trichloroethane	20.0	1.0 U	17.9	89	77-130	
Cyclohexane	20.0	1.0 U	16.2	81	70-130	
Carbon tetrachloride	20.0	1.0 U	18.2	91	76-131	
Bromodichloromethane	20.0	1.0 U	17.9	89	76-124	
1,2-Dichloropropane	20.0	1.0 U	18.2	91	76-127	
cis-1,3-Dichloropropene	20.0	1.0 U	18.1	91	80-120	
Trichloroethene	20.0	1.0 U	17.1	85	75-127	
Methylcyclohexane	20.0	1.0 U	15.7	79	70-130	
Dibromochloromethane	20.0	1.0 U	18.4	92	80-120	
1,1,2-Trichloroethane	20.0	1.0 U	18.6	93	76-130	
Benzene	20.0	1.0 U	16.8	84	73-131	
trans-1,3-Dichloropropene	20.0	1.0 U	18.1	90	76-126	
Bromoform	20.0	1.0 U	18.0	90	56-129	
Isopropylbenzene	20.0	1.0 U	18.5	93	70-130	
4-Methyl-2-pentanone	20.0	10 U	18.3	92	60-130	
2-Hexanone	20.0	10 U	18.4	92	53-135	
Tetrachloroethene	20.0	1.0 U	18.0	90	78-125	
Toluene	20.0	1.0 U	17.0	85	78-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	19.1	96	65-129	
Chlorobenzene	20.0	1.0 U	17.3	86	79-125	
Ethylbenzene	20.0	1.0 U	17.7	88	77-130	
Xylenes, Total	60.0	3.0 U	52.4	87	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30626.d

Lab ID: 460-5092-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	20.0	1.0 U	17.1	86	75-127	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	17.9	90	70-130	
1,3-Dichlorobenzene	20.0	1.0 U	17.4	87	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	17.5	88	80-120	
1,2-Dichlorobenzene	20.0	1.0 U	17.4	87	80-120	
1,2,4-Trichlorobenzene	20.0	1.0 U	17.4	87	70-130	
1,2-Dibromoethane	20.0	1.0 U	17.7	89	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30426.d

Lab ID: 460-4835-6 MSD Client ID: GW-017338-081809-ACH-06 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	100	98.1	98	12	30	70-130	
Chloromethane	100	90.6	91	0	30	69-134	
Bromomethane	100	81.0	81	11	30	64-145	
Vinyl chloride	100	102	102	3	30	74-128	
Chloroethane	100	106	106	0	30	52-155	
Trichlorofluoromethane	100	98.1	98	3	30	51-165	
Freon TF	100	87.6	88	2	30	70-130	
Methylene Chloride	100	89.5	89	2	30	78-129	
Acetone	100	110	110	0	30	69-143	
Carbon disulfide	100	84.8	85	5	30	71-129	
Methyl acetate	100	96.5	96	0	30	70-130	
1,1-Dichloroethene	100	102	102	1	30	67-133	
1,1-Dichloroethane	100	86.5	87	1	30	73-129	
cis-1,2-Dichloroethene	100	89.4	89	2	30	80-120	
trans-1,2-Dichloroethene	100	90.9	91	2	30	78-129	
MTBE	100	93.1	93	2	30	70-130	
Chloroform	100	99.9	100	1	30	80-120	
1,2-Dichloroethane	100	92.9	93	5	30	79-129	
2-Butanone	100	111	111	3	30	58-131	
1,1,1-Trichloroethane	100	104	104	2	30	77-130	
Cyclohexane	100	101	95	3	30	70-130	
Carbon tetrachloride	100	110	110	0	30	76-131	
Bromodichloromethane	100	91.3	91	1	30	76-124	
1,2-Dichloropropane	100	88.7	89	1	30	76-127	
cis-1,3-Dichloropropene	100	84.4	84	2	30	80-120	
Trichloroethene	100	93.3	93	0	30	75-127	
Methylcyclohexane	100	103	89	6	30	70-130	
Dibromochloromethane	100	90.8	91	2	30	80-120	
1,1,2-Trichloroethane	100	89.9	90	1	30	76-130	
Benzene	100	95.4	87	1	30	73-131	
trans-1,3-Dichloropropene	100	85.8	86	0	30	76-126	
Bromoform	100	93.2	93	2	30	56-129	
Isopropylbenzene	100	156	98	0	30	70-130	
4-Methyl-2-pentanone	100	92.5	93	1	30	60-130	
2-Hexanone	100	92.4	92	4	30	53-135	
Tetrachloroethene	100	94.5	95	4	30	78-125	
Toluene	100	291	85	1	30	78-128	
1,1,2,2-Tetrachloroethane	100	92.2	92	1	30	65-129	
Chlorobenzene	100	89.1	89	0	30	79-125	
Ethylbenzene	100	549	57	0	30	77-130	4
Xylenes, Total	300	1480	66	1	30	70-130	4

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30426.d

Lab ID: 460-4835-6 MSD Client ID: GW-017338-081809-ACH-06 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	100	88.7	89	0	30	75-127	
1,2-Dibromo-3-Chloropropane	100	93.6	94	7	30	70-130	
1,3-Dichlorobenzene	100	90.4	90	2	30	80-120	
1,4-Dichlorobenzene	100	89.4	89	1	30	80-120	
1,2-Dichlorobenzene	100	89.6	90	3	30	80-120	
1,2,4-Trichlorobenzene	100	93.2	93	2	30	70-130	
1,2-Dibromoethane	100	88.0	88	3	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30451.d

Lab ID: 460-4869-4 MSD Client ID: GW-017338-081909-ACH-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	500	559	112	2	30	70-130	
Chloromethane	500	478	96	12	30	69-134	
Bromomethane	500	468	94	2	30	64-145	
Vinyl chloride	500	527	105	8	30	74-128	
Chloroethane	500	557	111	5	30	52-155	
Trichlorofluoromethane	500	578	116	4	30	51-165	
Freon TF	500	430	86	5	30	70-130	
Methylene Chloride	500	432	86	6	30	78-129	
Acetone	500	611	122	8	30	69-143	
Carbon disulfide	500	389	78	6	30	71-129	
Methyl acetate	500	512	102	5	30	70-130	
1,1-Dichloroethene	500	491	98	6	30	67-133	
1,1-Dichloroethane	500	421	84	3	30	73-129	
cis-1,2-Dichloroethene	500	446	89	5	30	80-120	
trans-1,2-Dichloroethene	500	429	86	2	30	78-129	
MTBE	500	510	97	4	30	70-130	
Chloroform	500	491	98	1	30	80-120	
1,2-Dichloroethane	500	466	93	0	30	79-129	
2-Butanone	500	621	124	11	30	58-131	
1,1,1-Trichloroethane	500	518	104	2	30	77-130	
Cyclohexane	500	473	93	5	30	70-130	
Carbon tetrachloride	500	542	108	3	30	76-131	
Bromodichloromethane	500	453	91	1	30	76-124	
1,2-Dichloropropane	500	442	88	3	30	76-127	
cis-1,3-Dichloropropene	500	426	85	4	30	80-120	
Trichloroethene	500	458	92	1	30	75-127	
Methylcyclohexane	500	568	99	3	30	70-130	
Dibromochloromethane	500	453	91	1	30	80-120	
1,1,2-Trichloroethane	500	524	105	1	30	76-130	
Benzene	500	435	84	3	30	73-131	
trans-1,3-Dichloropropene	500	446	89	4	30	76-126	
Bromoform	500	488	98	1	30	56-129	
Isopropylbenzene	500	517	101	5	30	70-130	
4-Methyl-2-pentanone	500	477	95	2	30	60-130	
2-Hexanone	500	494	99	1	30	53-135	
Tetrachloroethene	500	476	95	4	30	78-125	
Toluene	500	5260	88	4	30	78-128	4
1,1,2,2-Tetrachloroethane	500	484	97	4	30	65-129	
Chlorobenzene	500	453	91	4	30	79-125	
Ethylbenzene	500	1050	95	4	30	77-130	
Xylenes, Total	1500	4590	90	4	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30451.d

Lab ID: 460-4869-4 MSD Client ID: GW-017338-081909-ACH-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	500	447	89	4	30	75-127	
1,2-Dibromo-3-Chloropropane	500	499	100	3	30	70-130	
1,3-Dichlorobenzene	500	450	90	3	30	80-120	
1,4-Dichlorobenzene	500	446	89	1	30	80-120	
1,2-Dichlorobenzene	500	453	91	0	30	80-120	
1,2,4-Trichlorobenzene	500	494	99	4	30	70-130	
1,2-Dibromoethane	500	455	91	2	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30500.d

Lab ID: 460-4928-C-5 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	24.6	123	4	30	70-130	
Chloromethane	20.0	19.9	100	6	30	69-134	
Bromomethane	20.0	15.9	80	16	30	64-145	
Vinyl chloride	20.0	22.4	112	6	30	74-128	
Chloroethane	20.0	26.3	132	10	30	52-155	
Trichlorofluoromethane	20.0	24.4	122	7	30	51-165	
Freon TF	20.0	18.6	93	10	30	70-130	
Methylene Chloride	20.0	18.9	95	15	30	78-129	
Acetone	20.0	28.2	141	10	30	69-143	
Carbon disulfide	20.0	16.3	82	13	30	71-129	
Methyl acetate	20.0	22.3	112	15	30	70-130	
1,1-Dichloroethene	20.0	21.0	105	14	30	67-133	
1,1-Dichloroethane	20.0	17.9	89	13	30	73-129	
cis-1,2-Dichloroethene	20.0	19.2	95	11	30	80-120	
trans-1,2-Dichloroethene	20.0	19.4	97	16	30	78-129	
MTBE	20.0	21.0	105	15	30	70-130	
Chloroform	20.0	21.2	106	15	30	80-120	
1,2-Dichloroethane	20.0	20.6	103	13	30	79-129	
2-Butanone	20.0	27.8	139	15	30	58-131	F
1,1,1-Trichloroethane	20.0	22.5	112	13	30	77-130	
Cyclohexane	20.0	19.9	99	14	30	70-130	
Carbon tetrachloride	20.0	23.4	117	10	30	76-131	
Bromodichloromethane	20.0	19.7	99	11	30	76-124	
1,2-Dichloropropane	20.0	19.1	95	13	30	76-127	
cis-1,3-Dichloropropene	20.0	17.9	90	12	30	80-120	
Trichloroethene	20.0	20.4	102	9	30	75-127	
Methylcyclohexane	20.0	22.3	104	11	30	70-130	
Dibromochloromethane	20.0	20.1	101	15	30	80-120	
1,1,2-Trichloroethane	20.0	18.5	92	4	30	76-130	
Benzene	20.0	17.6	88	15	30	73-131	
trans-1,3-Dichloropropene	20.0	18.8	94	12	30	76-126	
Bromoform	20.0	21.3	106	13	30	56-129	
Isopropylbenzene	20.0	63.4	96	6	30	70-130	
4-Methyl-2-pentanone	20.0	26.1	131	17	30	60-130	F
2-Hexanone	20.0	24.8	124	19	30	53-135	
Tetrachloroethene	20.0	20.8	104	16	30	78-125	
Toluene	20.0	216	150	5	30	78-128	4
1,1,2,2-Tetrachloroethane	20.0	20.9	104	12	30	65-129	
Chlorobenzene	20.0	20.6	97	14	30	79-125	
Ethylbenzene	20.0	147	110	4	30	77-130	4
Xylenes, Total	60.0	564	98	3	30	70-130	4

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30500.d

Lab ID: 460-4928-C-5 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	19.4	97	13	30	75-127	
1,2-Dibromo-3-Chloropropane	20.0	21.1	106	5	30	70-130	
1,3-Dichlorobenzene	20.0	19.3	96	14	30	80-120	
1,4-Dichlorobenzene	20.0	19.1	95	10	30	80-120	
1,2-Dichlorobenzene	20.0	20.4	98	13	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.3	102	11	30	70-130	
1,2-Dibromoethane	20.0	19.3	96	12	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30575.d

Lab ID: 460-5074-C-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	1.0 U	0	NC	30	70-130	F
Chloromethane	20.0	22.2	111	3	30	69-134	
Bromomethane	20.0	20.0	100	7	30	64-145	
Vinyl chloride	20.0	22.8	114	5	30	74-128	
Chloroethane	20.0	19.7	99	9	30	52-155	
Trichlorofluoromethane	20.0	19.0	95	2	30	51-165	
Freon TF	20.0	16.0	80	4	30	70-130	
Methylene Chloride	20.0	19.0	95	3	30	78-129	
Acetone	20.0	19.7	99	0	30	69-143	
Carbon disulfide	20.0	15.9	80	3	30	71-129	
Methyl acetate	20.0	19.2	96	4	30	70-130	
1,1-Dichloroethene	20.0	19.4	97	0	30	67-133	
1,1-Dichloroethane	20.0	19.0	95	3	30	73-129	
cis-1,2-Dichloroethene	20.0	18.8	94	2	30	80-120	
trans-1,2-Dichloroethene	20.0	18.3	92	0	30	78-129	
MTBE	20.0	18.1	89	2	30	70-130	
Chloroform	20.0	19.9	99	4	30	80-120	
1,2-Dichloroethane	20.0	18.8	94	1	30	79-129	
2-Butanone	20.0	19.2	96	2	30	58-131	
1,1,1-Trichloroethane	20.0	19.5	97	3	30	77-130	
Cyclohexane	20.0	17.4	87	4	30	70-130	
Carbon tetrachloride	20.0	19.7	99	1	30	76-131	
Bromodichloromethane	20.0	19.2	96	1	30	76-124	
1,2-Dichloropropane	20.0	19.4	97	3	30	76-127	
cis-1,3-Dichloropropene	20.0	19.2	96	1	30	80-120	
Trichloroethene	20.0	18.8	94	3	30	75-127	
Methylcyclohexane	20.0	17.2	86	4	30	70-130	
Dibromochloromethane	20.0	18.5	93	2	30	80-120	
1,1,2-Trichloroethane	20.0	19.1	95	2	30	76-130	
Benzene	20.0	18.4	92	1	30	73-131	
trans-1,3-Dichloropropene	20.0	19.0	95	4	30	76-126	
Bromoform	20.0	18.8	94	1	30	56-129	
Isopropylbenzene	20.0	20.3	102	3	30	70-130	
4-Methyl-2-pentanone	20.0	18.2	91	1	30	60-130	
2-Hexanone	20.0	18.4	92	0	30	53-135	
Tetrachloroethene	20.0	19.0	95	4	30	78-125	
Toluene	20.0	18.7	94	3	30	78-128	
1,1,2,2-Tetrachloroethane	20.0	19.7	99	0	30	65-129	
Chlorobenzene	20.0	19.0	95	1	30	79-125	
Ethylbenzene	20.0	18.9	95	1	30	77-130	
Xylenes, Total	60.0	57.1	95	1	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30575.d

Lab ID: 460-5074-C-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	18.3	92	2	30	75-127	
1,2-Dibromo-3-Chloropropane	20.0	19.7	99	6	30	70-130	
1,3-Dichlorobenzene	20.0	18.6	93	1	30	80-120	
1,4-Dichlorobenzene	20.0	19.6	98	2	30	80-120	
1,2-Dichlorobenzene	20.0	18.9	94	2	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.4	97	7	30	70-130	
1,2-Dibromoethane	20.0	19.3	96	4	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30595.d

Lab ID: 460-5002-C-21 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	200	208	104	9	30	70-130	
Chloromethane	200	202	101	7	30	69-134	
Bromomethane	200	184	92	0	30	64-145	
Vinyl chloride	200	211	105	7	30	74-128	
Chloroethane	200	181	90	4	30	52-155	
Trichlorofluoromethane	200	187	94	4	30	51-165	
Freon TF	200	157	78	5	30	70-130	
Methylene Chloride	200	179	89	8	30	78-129	
Acetone	200	205	102	0	30	69-143	
Carbon disulfide	200	145	72	6	30	71-129	
Methyl acetate	200	182	91	4	30	70-130	
1,1-Dichloroethene	200	189	94	4	30	67-133	
1,1-Dichloroethane	200	179	90	5	30	73-129	
cis-1,2-Dichloroethene	200	179	90	8	30	80-120	
trans-1,2-Dichloroethene	200	172	86	7	30	78-129	
MTBE	200	175	87	3	30	70-130	
Chloroform	200	190	95	6	30	80-120	
1,2-Dichloroethane	200	180	90	5	30	79-129	
2-Butanone	200	188	94	4	30	58-131	
1,1,1-Trichloroethane	200	188	94	5	30	77-130	
Cyclohexane	200	171	85	5	30	70-130	
Carbon tetrachloride	200	190	95	6	30	76-131	
Bromodichloromethane	200	193	96	5	30	76-124	
1,2-Dichloropropane	200	184	92	6	30	76-127	
cis-1,3-Dichloropropene	200	188	94	4	30	80-120	
Trichloroethene	200	181	91	4	30	75-127	
Methylcyclohexane	200	178	89	5	30	70-130	
Dibromochloromethane	200	190	95	3	30	80-120	
1,1,2-Trichloroethane	200	186	93	5	30	76-130	
Benzene	200	275	90	5	30	73-131	
trans-1,3-Dichloropropene	200	186	93	5	30	76-126	
Bromoform	200	192	96	6	30	56-129	
Isopropylbenzene	200	195	97	5	30	70-130	
4-Methyl-2-pentanone	200	193	97	1	30	60-130	
2-Hexanone	200	194	97	3	30	53-135	
Tetrachloroethene	200	195	97	6	30	78-125	
Toluene	200	177	89	6	30	78-128	
1,1,2,2-Tetrachloroethane	200	203	102	2	30	65-129	
Chlorobenzene	200	1920	91	5	30	79-125	4
Ethylbenzene	200	190	95	3	30	77-130	
Xylenes, Total	600	559	93	3	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30595.d

Lab ID: 460-5002-C-21 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	200	180	90	6	30	75-127	
1,2-Dibromo-3-Chloropropane	200	193	96	5	30	70-130	
1,3-Dichlorobenzene	200	186	93	5	30	80-120	
1,4-Dichlorobenzene	200	194	94	6	30	80-120	
1,2-Dichlorobenzene	200	216	94	4	30	80-120	
1,2,4-Trichlorobenzene	200	186	93	7	30	70-130	
1,2-Dibromoethane	200	185	92	5	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30627.d

Lab ID: 460-5092-A-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	22.3	111	6	30	70-130	
Chloromethane	20.0	22.2	111	7	30	69-134	
Bromomethane	20.0	20.1	100	17	30	64-145	
Vinyl chloride	20.0	23.4	117	13	30	74-128	
Chloroethane	20.0	19.9	99	6	30	52-155	
Trichlorofluoromethane	20.0	19.6	98	9	30	51-165	
Freon TF	20.0	16.0	80	8	30	70-130	
Methylene Chloride	20.0	19.3	97	12	30	78-129	
Acetone	20.0	20.7	104	16	30	69-143	
Carbon disulfide	20.0	15.8	79	11	30	71-129	
Methyl acetate	20.0	19.8	99	12	30	70-130	
1,1-Dichloroethene	20.0	19.4	97	8	30	67-133	
1,1-Dichloroethane	20.0	18.8	94	8	30	73-129	
cis-1,2-Dichloroethene	20.0	19.8	97	13	30	80-120	
trans-1,2-Dichloroethene	20.0	18.3	92	11	30	78-129	
MTBE	20.0	19.5	96	13	30	70-130	
Chloroform	20.0	21.8	100	8	30	80-120	
1,2-Dichloroethane	20.0	19.1	95	8	30	79-129	
2-Butanone	20.0	19.7	99	12	30	58-131	
1,1,1-Trichloroethane	20.0	19.5	97	8	30	77-130	
Cyclohexane	20.0	16.9	85	4	30	70-130	
Carbon tetrachloride	20.0	19.5	97	7	30	76-131	
Bromodichloromethane	20.0	19.6	98	9	30	76-124	
1,2-Dichloropropane	20.0	19.9	100	9	30	76-127	
cis-1,3-Dichloropropene	20.0	20.3	101	11	30	80-120	
Trichloroethene	20.0	18.6	93	8	30	75-127	
Methylcyclohexane	20.0	17.4	87	10	30	70-130	
Dibromochloromethane	20.0	20.1	101	9	30	80-120	
1,1,2-Trichloroethane	20.0	20.1	100	8	30	76-130	
Benzene	20.0	19.0	95	12	30	73-131	
trans-1,3-Dichloropropene	20.0	20.2	101	11	30	76-126	
Bromoform	20.0	21.1	106	16	30	56-129	
Isopropylbenzene	20.0	20.8	104	12	30	70-130	
4-Methyl-2-pentanone	20.0	21.4	107	16	30	60-130	
2-Hexanone	20.0	19.6	98	7	30	53-135	
Tetrachloroethene	20.0	20.4	102	12	30	78-125	
Toluene	20.0	19.3	97	13	30	78-128	
1,1,2,2-Tetrachloroethane	20.0	21.1	105	10	30	65-129	
Chlorobenzene	20.0	19.6	98	12	30	79-125	
Ethylbenzene	20.0	19.6	98	11	30	77-130	
Xylenes, Total	60.0	58.8	98	12	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p30627.d

Lab ID: 460-5092-A-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	19.6	98	13	30	75-127	
1,2-Dibromo-3-Chloropropane	20.0	21.8	109	19	30	70-130	
1,3-Dichlorobenzene	20.0	19.5	97	12	30	80-120	
1,4-Dichlorobenzene	20.0	19.6	98	11	30	80-120	
1,2-Dichlorobenzene	20.0	19.2	96	10	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.8	99	13	30	70-130	
1,2-Dibromoethane	20.0	19.9	99	11	30	70-130	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30415.d Lab Sample ID: MB 460-14918/3

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 08/21/2009 09:26

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GW-017338-081809-ACH-06 DL	460-4835-6 DL	p30418.d	08/21/2009 10:47
	LCS 460-14918/10	p30424.d	08/21/2009 13:20
GW-017338-081809-ACH-06 MS	460-4835-6 MS	p30425.d	08/21/2009 13:45
GW-017338-081809-ACH-06 MSD	460-4835-6 MSD	p30426.d	08/21/2009 14:10
TB-017338-081809-ACH-001	460-4835-9	p30428.d	08/21/2009 15:01
GW-017338-081709-ACH-01	460-4835-1	p30432.d	08/21/2009 16:42
GW-017338-081709-ACH-02	460-4835-2	p30433.d	08/21/2009 17:07
GW-017338-081709-ACH-03	460-4835-3	p30434.d	08/21/2009 17:33
GW-017338-081809-ACH-04	460-4835-4	p30435.d	08/21/2009 17:58
GW-017338-081809-ACH-08	460-4835-8	p30436.d	08/21/2009 18:23
GW-017338-081809-ACH-07 DL	460-4835-7 DL	p30437.d	08/21/2009 18:49

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30444.d Lab Sample ID: MB 460-15029/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 08/24/2009 09:41

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-15029/3	p30442.d	08/24/2009 08:13
GW-017338-081909-ACH-12 MS	460-4869-4 MS	p30450.d	08/24/2009 12:43
GW-017338-081909-ACH-12 MSD	460-4869-4 MSD	p30451.d	08/24/2009 13:09
TB-017338-081909-ACH-002	460-4869-8	p30453.d	08/24/2009 13:59
RB-017338-081909-ACH-14	460-4869-6	p30454.d	08/24/2009 14:25
GW-017338-081809-ACH-05	460-4835-5	p30455.d	08/24/2009 14:50
GW-017338-081909-ACH-11	460-4869-3	p30457.d	08/24/2009 15:41
GW-017338-081909-ACH-12 DL	460-4869-4 DL	p30458.d	08/24/2009 16:07
GW-017338-081909-ACH-13 DL	460-4869-5 DL	p30461.d	08/24/2009 17:23
GW-017338-081909-ACH-15 DL	460-4869-7 DL	p30462.d	08/24/2009 17:48

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30497.d Lab Sample ID: MB 460-15245/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 08/25/2009 23:46

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-15245/3	p30495.d	08/25/2009 22:55
	460-4928-C-5 MS	p30499.d	08/26/2009 01:07
	460-4928-C-5 MSD	p30500.d	08/26/2009 01:33
GW-017338-081909-ACH-09 DL	460-4869-1 DL	p30511.d	08/26/2009 06:13
GW-017338-081909-ACH-10 DL	460-4869-2 DL	p30512.d	08/26/2009 06:38

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30566.d Lab Sample ID: MB 460-15423/5

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 08/27/2009 09:50

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-15423/3	p30563.d	08/27/2009 08:34
	LCSD 460-15423/4	p30564.d	08/27/2009 08:59
	460-5074-E-1 MS	p30574.d	08/27/2009 14:46
	460-5074-C-1 MSD	p30575.d	08/27/2009 15:12
GW-017338-081809-ACH-06	460-4835-6	p30578.d	08/27/2009 16:28
GW-017338-081809-ACH-07	460-4835-7	p30580.d	08/27/2009 17:18
GW-017338-081909-ACH-12	460-4869-4	p30582.d	08/27/2009 18:09
GW-017338-081909-ACH-13	460-4869-5	p30584.d	08/27/2009 19:00

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30592.d Lab Sample ID: MB 460-15569/3

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 08/28/2009 09:26

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-15569/4	p30593.d	08/28/2009 10:36
	460-5002-C-21 MS	p30594.d	08/28/2009 11:06
	460-5002-C-21 MSD	p30595.d	08/28/2009 11:32
GW-017338-081909-ACH-15	460-4869-7	p30598.d	08/28/2009 12:48

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30622.d Lab Sample ID: MB 460-15720/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 08/31/2009 10:17

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-15720/3	p30620.d	08/31/2009 09:16
	460-5092-B-1 MS	p30626.d	08/31/2009 12:06
	460-5092-A-1 MSD	p30627.d	08/31/2009 12:32
GW-017338-081909-ACH-09	460-4869-1	p30642.d	08/31/2009 18:53
GW-017338-081909-ACH-10	460-4869-2	p30644.d	08/31/2009 19:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30253.d BFB Injection Date: 08/14/2009

Instrument ID: VOAMS13 BFB Injection Time: 17:06

Analysis Batch No.: 14426

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.3	
75	30.0 - 60.0 % of mass 95	47.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	81.7	
175	5.0 - 9.0 % of mass 174	6.6	(8.0)1
176	95.0 - 101.0 % of mass 174	78.8	(96.5)1
177	5.0 - 9.0 % of mass 176	5.4	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-14426/2	p30258.d	08/14/2009	19:17
	IC 460-14426/3	p30259.d	08/14/2009	19:42
	IC 460-14426/4	p30260.d	08/14/2009	20:07
	IC 460-14426/5	p30261.d	08/14/2009	20:32
	IC 460-14426/6	p30266.d	08/14/2009	23:05
	IC 460-14426/7	p30268.d	08/14/2009	23:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30411.d BFB Injection Date: 08/21/2009

Instrument ID: VOAMS13 BFB Injection Time: 07:41

Analysis Batch No.: 14918

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.0	
75	30.0 - 60.0 % of mass 95	45.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	91.1	
175	5.0 - 9.0 % of mass 174	7.2	(7.9)1
176	95.0 - 101.0 % of mass 174	87.5	(96.1)1
177	5.0 - 9.0 % of mass 176	6.2	(7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-14918/2	p30412.d	08/21/2009	08:03
	MB 460-14918/3	p30415.d	08/21/2009	09:26
GW-017338-081809-ACH-06 DL	460-4835-6 DL	p30418.d	08/21/2009	10:47
	LCS 460-14918/10	p30424.d	08/21/2009	13:20
GW-017338-081809-ACH-06 MS	460-4835-6 MS	p30425.d	08/21/2009	13:45
GW-017338-081809-ACH-06 MSD	460-4835-6 MSD	p30426.d	08/21/2009	14:10
TB-017338-081809-ACH-00 1	460-4835-9	p30428.d	08/21/2009	15:01
GW-017338-081709-ACH-01	460-4835-1	p30432.d	08/21/2009	16:42
GW-017338-081709-ACH-02	460-4835-2	p30433.d	08/21/2009	17:07
GW-017338-081709-ACH-03	460-4835-3	p30434.d	08/21/2009	17:33
GW-017338-081809-ACH-04	460-4835-4	p30435.d	08/21/2009	17:58
GW-017338-081809-ACH-08	460-4835-8	p30436.d	08/21/2009	18:23
GW-017338-081809-ACH-07 DL	460-4835-7 DL	p30437.d	08/21/2009	18:49

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30439.d BFB Injection Date: 08/24/2009

Instrument ID: VOAMS13 BFB Injection Time: 06:45

Analysis Batch No.: 15029

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.3	
75	30.0 - 60.0 % of mass 95	48.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	85.2	
175	5.0 - 9.0 % of mass 174	7.1	(8.4)1
176	95.0 - 101.0 % of mass 174	83.3	(97.7)1
177	5.0 - 9.0 % of mass 176	6.0	(7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-15029/2	p30441.d	08/24/2009	07:35
	LCS 460-15029/3	p30442.d	08/24/2009	08:13
	MB 460-15029/4	p30444.d	08/24/2009	09:41
GW-017338-081909-ACH-12 MS	460-4869-4 MS	p30450.d	08/24/2009	12:43
GW-017338-081909-ACH-12 MSD	460-4869-4 MSD	p30451.d	08/24/2009	13:09
TB-017338-081909-ACH-00 2	460-4869-8	p30453.d	08/24/2009	13:59
RB-017338-081909-ACH-14	460-4869-6	p30454.d	08/24/2009	14:25
GW-017338-081809-ACH-05	460-4835-5	p30455.d	08/24/2009	14:50
GW-017338-081909-ACH-11	460-4869-3	p30457.d	08/24/2009	15:41
GW-017338-081909-ACH-12 DL	460-4869-4 DL	p30458.d	08/24/2009	16:07
GW-017338-081909-ACH-13 DL	460-4869-5 DL	p30461.d	08/24/2009	17:23
GW-017338-081909-ACH-15 DL	460-4869-7 DL	p30462.d	08/24/2009	17:48

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30492.d BFB Injection Date: 08/25/2009

Instrument ID: VOAMS13 BFB Injection Time: 21:07

Analysis Batch No.: 15245

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.6	
75	30.0 - 60.0 % of mass 95	52.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	82.5	
175	5.0 - 9.0 % of mass 174	6.2	(7.5)1
176	95.0 - 101.0 % of mass 174	79.2	(95.9)1
177	5.0 - 9.0 % of mass 176	5.5	(7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-15245/2	p30494.d	08/25/2009	22:00
	LCS 460-15245/3	p30495.d	08/25/2009	22:55
	MB 460-15245/4	p30497.d	08/25/2009	23:46
	460-4928-C-5 MS	p30499.d	08/26/2009	01:07
	460-4928-C-5 MSD	p30500.d	08/26/2009	01:33
GW-017338-081909-ACH-09 DL	460-4869-1 DL	p30511.d	08/26/2009	06:13
GW-017338-081909-ACH-10 DL	460-4869-2 DL	p30512.d	08/26/2009	06:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30524.d BFB Injection Date: 08/26/2009

Instrument ID: VOAMS13 BFB Injection Time: 11:59

Analysis Batch No.: 15354

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.4	
75	30.0 - 60.0 % of mass 95	48.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	83.6	
175	5.0 - 9.0 % of mass 174	6.8	(8.2)1
176	95.0 - 101.0 % of mass 174	79.6	(95.2)1
177	5.0 - 9.0 % of mass 176	5.0	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-15354/2	p30529.d	08/26/2009	14:42
	IC 460-15354/3	p30530.d	08/26/2009	15:08
	ICIS 460-15354/4	p30532.d	08/26/2009	15:58
	IC 460-15354/5	p30533.d	08/26/2009	16:24
	IC 460-15354/6	p30534.d	08/26/2009	16:49
	IC 460-15354/7	p30535.d	08/26/2009	17:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30561.d BFB Injection Date: 08/27/2009

Instrument ID: VOAMS13 BFB Injection Time: 07:44

Analysis Batch No.: 15423

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	50.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	62.3	
175	5.0 - 9.0 % of mass 174	5.5	(8.8)1
176	95.0 - 101.0 % of mass 174	62.7	(100.6)1
177	5.0 - 9.0 % of mass 176	4.8	(7.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-15423/2	p30562.d	08/27/2009	08:02
	LCS 460-15423/3	p30563.d	08/27/2009	08:34
	LCSD 460-15423/4	p30564.d	08/27/2009	08:59
	MB 460-15423/5	p30566.d	08/27/2009	09:50
	460-5074-E-1 MS	p30574.d	08/27/2009	14:46
	460-5074-C-1 MSD	p30575.d	08/27/2009	15:12
GW-017338-081809-ACH-06	460-4835-6	p30578.d	08/27/2009	16:28
GW-017338-081809-ACH-07	460-4835-7	p30580.d	08/27/2009	17:18
GW-017338-081909-ACH-12	460-4869-4	p30582.d	08/27/2009	18:09
GW-017338-081909-ACH-13	460-4869-5	p30584.d	08/27/2009	19:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30588.d BFB Injection Date: 08/28/2009

Instrument ID: VOAMS13 BFB Injection Time: 07:42

Analysis Batch No.: 15569

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	47.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.7	
173	Less than 2.0 % of mass 174	0.1	(0.2)1
174	50.0 - 120.00 % of mass 95	75.6	
175	5.0 - 9.0 % of mass 174	5.8	(7.7)1
176	95.0 - 101.0 % of mass 174	74.3	(98.3)1
177	5.0 - 9.0 % of mass 176	5.6	(7.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-15569/2	p30589.d	08/28/2009	08:03
	MB 460-15569/3	p30592.d	08/28/2009	09:26
	LCS 460-15569/4	p30593.d	08/28/2009	10:36
	460-5002-C-21 MS	p30594.d	08/28/2009	11:06
	460-5002-C-21 MSD	p30595.d	08/28/2009	11:32
GW-017338-081909-ACH-15	460-4869-7	p30598.d	08/28/2009	12:48

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: p30617.d BFB Injection Date: 08/31/2009

Instrument ID: VOAMS13 BFB Injection Time: 07:59

Analysis Batch No.: 15720

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	48.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	77.7	
175	5.0 - 9.0 % of mass 174	6.6	(8.5)1
176	95.0 - 101.0 % of mass 174	75.8	(97.5)1
177	5.0 - 9.0 % of mass 176	5.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-15720/2	p30619.d	08/31/2009	08:50
	LCS 460-15720/3	p30620.d	08/31/2009	09:16
	MB 460-15720/4	p30622.d	08/31/2009	10:17
	460-5092-B-1 MS	p30626.d	08/31/2009	12:06
	460-5092-A-1 MSD	p30627.d	08/31/2009	12:32
GW-017338-081909-ACH-09	460-4869-1	p30642.d	08/31/2009	18:53
GW-017338-081909-ACH-10	460-4869-2	p30644.d	08/31/2009	19:43

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-14918/2 Date Analyzed: 08/21/2009 08:03

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p30412.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		864697	3.23	654805	6.50	357966	9.67
UPPER LIMIT		1729394	3.73	1309610	7.00	715932	10.17
LOWER LIMIT		432349	2.73	327403	6.00	178983	9.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-14918/3		830567	3.23	629198	6.50	333084	9.67
460-4835-6 DL	GW-017338-081809-ACH-06 DL	804158	3.23	610241	6.50	325127	9.67
LCS 460-14918/10		929585	3.23	679584	6.50	364935	9.67
460-4835-6 MS	GW-017338-081809-ACH-06 MS	920268	3.23	687970	6.50	367249	9.67
460-4835-6 MSD	GW-017338-081809-ACH-06 MSD	932066	3.23	694023	6.50	371655	9.67
460-4835-9	TB-017338-081809-ACH-001	906852	3.23	674705	6.50	363968	9.67
460-4835-1	GW-017338-081709-ACH-01	843279	3.23	627873	6.50	335930	9.67
460-4835-2	GW-017338-081709-ACH-02	834346	3.23	621074	6.50	338113	9.67
460-4835-3	GW-017338-081709-ACH-03	813013	3.23	621005	6.50	330385	9.67
460-4835-4	GW-017338-081809-ACH-04	811587	3.23	611822	6.50	330503	9.67
460-4835-8	GW-017338-081809-ACH-08	832808	3.23	624536	6.50	334816	9.67
460-4835-7 DL	GW-017338-081809-ACH-07 DL	821933	3.23	632912	6.50	338569	9.67

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-15029/2 Date Analyzed: 08/24/2009 07:35

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p30441.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		905864	3.23	687701	6.50	369442	9.67
UPPER LIMIT		1811728	3.73	1375402	7.00	738884	10.17
LOWER LIMIT		452932	2.73	343851	6.00	184721	9.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-15029/3		908465	3.23	679562	6.50	370158	9.67
MB 460-15029/4		887637	3.23	673952	6.50	358143	9.67
460-4869-4 MS	GW-017338-081909-ACH-12 MS	869491	3.23	666592	6.50	364640	9.67
460-4869-4 MSD	GW-017338-081909-ACH-12 MSD	885228	3.23	667164	6.50	363389	9.67
460-4869-8	TB-017338-081909-ACH-002	865026	3.23	653137	6.50	349026	9.67
460-4869-6	RB-017338-081909-ACH-14	847842	3.23	646361	6.50	348793	9.67
460-4835-5	GW-017338-081809-ACH-05	856638	3.23	641600	6.50	345497	9.67
460-4869-3	GW-017338-081909-ACH-11	852429	3.23	649470	6.50	345071	9.67
460-4869-4 DL	GW-017338-081909-ACH-12 DL	851103	3.23	646502	6.50	350140	9.67
460-4869-5 DL	GW-017338-081909-ACH-13 DL	834600	3.23	641766	6.50	342629	9.67
460-4869-7 DL	GW-017338-081909-ACH-15 DL	827315	3.23	641231	6.50	339965	9.67

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-15245/2 Date Analyzed: 08/25/2009 22:00

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p30494.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		793768	3.23	606627	6.50	335413	9.67
UPPER LIMIT		1587536	3.73	1213254	7.00	670826	10.17
LOWER LIMIT		396884	2.73	303314	6.00	167707	9.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-15245/3		816392	3.23	619036	6.50	338293	9.67
MB 460-15245/4		802300	3.23	616549	6.50	332217	9.67
460-4928-C-5 MS		840487	3.23	658584	6.50	354494	9.67
460-4928-C-5 MSD		864679	3.23	663713	6.50	358908	9.67
460-4869-1 DL	GW-017338-081909-ACH-09 DL	802941	3.23	631936	6.50	333083	9.67
460-4869-2 DL	GW-017338-081909-ACH-10 DL	804341	3.23	619560	6.50	326673	9.67

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-15423/2 Date Analyzed: 08/27/2009 08:02

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p30562.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		809315	3.23	616784	6.50	339084	9.67
UPPER LIMIT		1618630	3.73	1233568	7.00	678168	10.17
LOWER LIMIT		404658	2.73	308392	6.00	169542	9.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-15423/3		866913	3.23	661126	6.50	352485	9.67
LCSD 460-15423/4		863260	3.23	658507	6.50	355114	9.67
MB 460-15423/5		846989	3.23	648112	6.50	342973	9.67
460-5074-E-1 MS		853866	3.23	648422	6.50	353931	9.67
460-5074-C-1 MSD		855621	3.23	650247	6.50	356198	9.67
460-4835-6	GW-017338-081809-ACH-06	803975	3.23	585248	6.50	314063	9.67
460-4835-7	GW-017338-081809-ACH-07	865471	3.23	664930	6.50	350029	9.67
460-4869-4	GW-017338-081909-ACH-12	827800	3.23	640479	6.50	344657	9.67
460-4869-5	GW-017338-081909-ACH-13	878835	3.23	679076	6.50	364896	9.67

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-15569/2 Date Analyzed: 08/28/2009 08:03

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p30589.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		811249	3.23	612139	6.50	342373	9.67
UPPER LIMIT		1622498	3.73	1224278	7.00	684746	10.17
LOWER LIMIT		405625	2.73	306070	6.00	171187	9.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-15569/3		875451	3.23	661621	6.50	349733	9.67
LCS 460-15569/4		882122	3.23	672188	6.50	360126	9.67
460-5002-C-21 MS		849241	3.23	651160	6.50	349878	9.67
460-5002-C-21 MSD		882933	3.23	681608	6.50	366763	9.67
460-4869-7	GW-017338-081909-ACH-15	871009	3.23	678249	6.50	351731	9.67

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-15720/2 Date Analyzed: 08/31/2009 08:50

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p30619.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		906730	3.23	684891	6.50	373050	9.67
UPPER LIMIT		1813460	3.73	1369782	7.00	746100	10.17
LOWER LIMIT		453365	2.73	342446	6.00	186525	9.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-15720/3		898690	3.23	683202	6.50	371558	9.67
MB 460-15720/4		883236	3.23	687629	6.50	368130	9.67
460-5092-B-1 MS		892719	3.23	689727	6.50	375253	9.67
460-5092-A-1 MSD		894822	3.23	684227	6.50	376307	9.67
460-4869-1	GW-017338-081909-ACH-09	842349	3.23	677626	6.51	353611	9.67
460-4869-2	GW-017338-081909-ACH-10	839230	3.23	676940	6.51	347751	9.67

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-01 Lab Sample ID: 460-4835-1

Matrix: Water Lab File ID: p30432.d

Analysis Method: 8260B Date Collected: 08/17/2009 13:30

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 16:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	0.32	J	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-01 | Lab Sample ID: 460-4835-1

Matrix: Water | Lab File ID: p30432.d

Analysis Method: 8260B | Date Collected: 08/17/2009 13:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 16:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100	56-125	
2037-26-5	Toluene-d8 (Surr)	98	72-127	
460-00-4	Bromofluorobenzene	113	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30432.d
Report Date: 21-Aug-2009 17:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30432.d
Lab Smp Id: 460-4835-C-1 Client Smp ID: GW-017338-081709-AC
Inj Date : 21-AUG-2009 16:42
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-C-1
Misc Info : 460-4835-C-1
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	102913	50.2301	50
* 52 Fluorobenzene	96	3.235	3.228	(1.000)	843279	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	378778	48.8407	49
71 Tetrachloroethene	166	5.154	5.147	(0.793)	1255	0.31827	0.32(a)
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	627873	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	263431	56.2902	56
* 108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	335930	50.0000	

QC Flag Legend

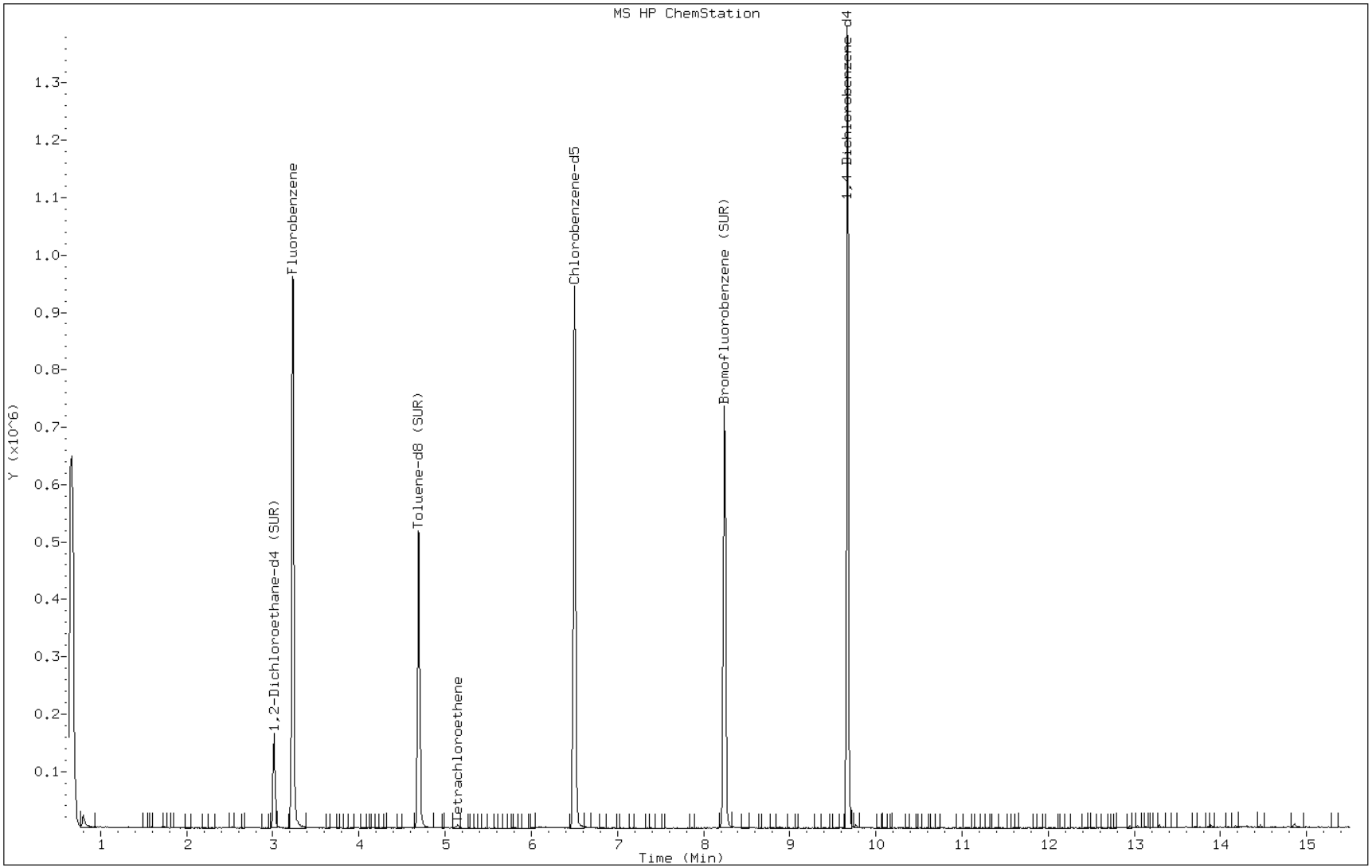
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30432.d

Date: 21-AUG-2009 16:42

Client ID: GW-017338-081709-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-1 Operator:



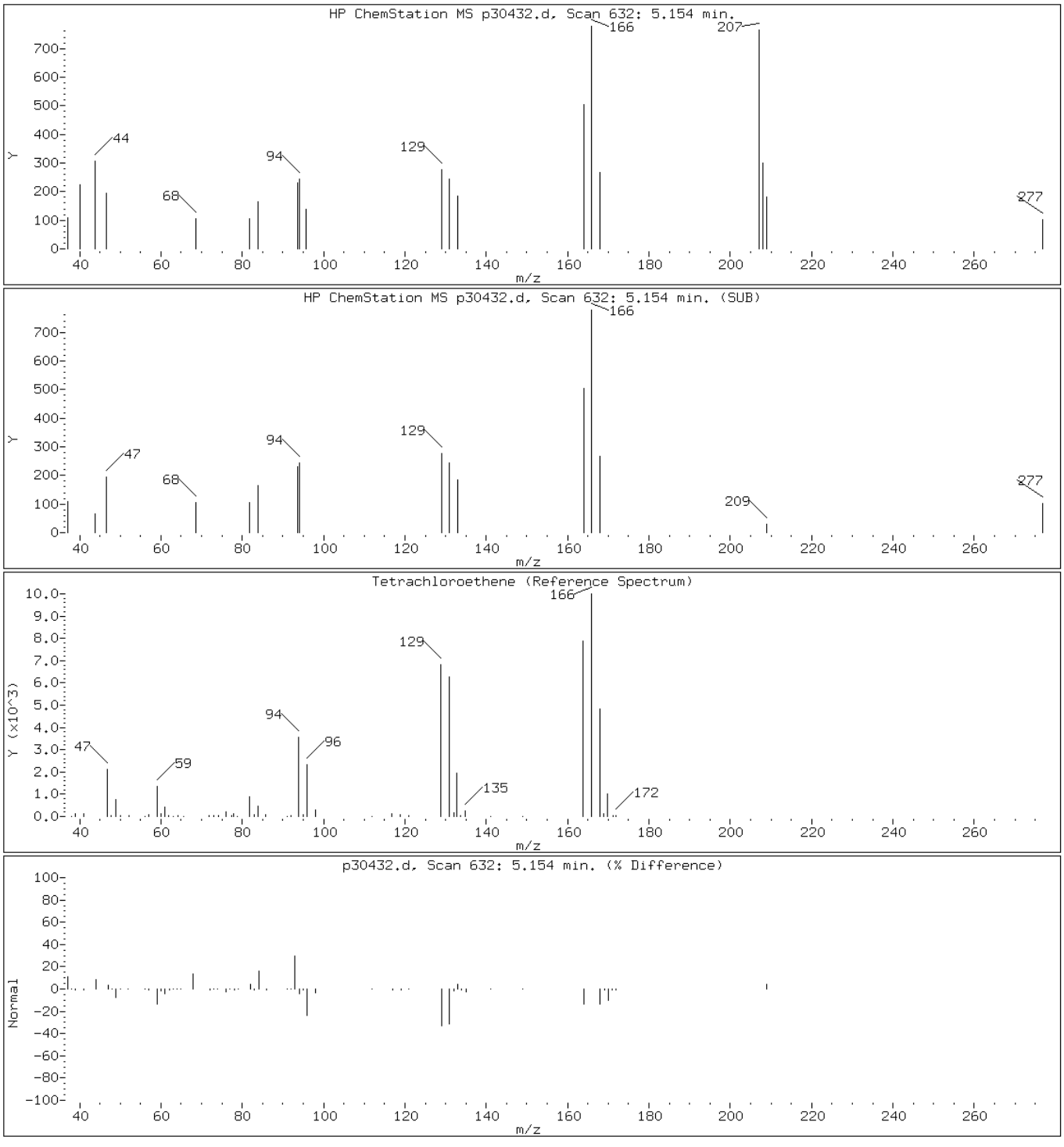
Data File: p30432.d

Date: 21-AUG-2009 16:42

Client ID: GW-017338-081709-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-1 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-02 | Lab Sample ID: 460-4835-2

Matrix: Water | Lab File ID: p30433.d

Analysis Method: 8260B | Date Collected: 08/17/2009 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 17:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	0.29	J	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	0.54	J	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	0.38	J	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-02 | Lab Sample ID: 460-4835-2

Matrix: Water | Lab File ID: p30433.d

Analysis Method: 8260B | Date Collected: 08/17/2009 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 17:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101	56-125	
2037-26-5	Toluene-d8 (Surr)	97	72-127	
460-00-4	Bromofluorobenzene	110	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30433.d
Report Date: 25-Aug-2009 14:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30433.d
Lab Smp Id: 460-4835-C-2 Client Smp ID: GW-017338-081709-AC
Inj Date : 21-AUG-2009 17:07
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-C-2
Misc Info : 460-4835-C-2
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
18 Carbon Disulfide	76	1.329	1.322	(0.411)	3656	0.29083	0.29(a)
36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.721)	2364	0.54422	0.54(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	102345	50.4877	50
* 52 Fluorobenzene	96	3.235	3.228	(1.000)	834346	50.0000	
54 Trichloroethene	95	3.371	3.364	(1.042)	1414	0.38452	0.38(a)
$ 65 Toluene-d8 (SUR)	98	4.696	4.689	(0.722)	372268	48.5268	48
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	621074	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	259279	55.0453	55
* 108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	338113	50.0000	
M 120 1,2-Dichloroethene (Total)	100				2364	0.57083	0.57(a)

QC Flag Legend

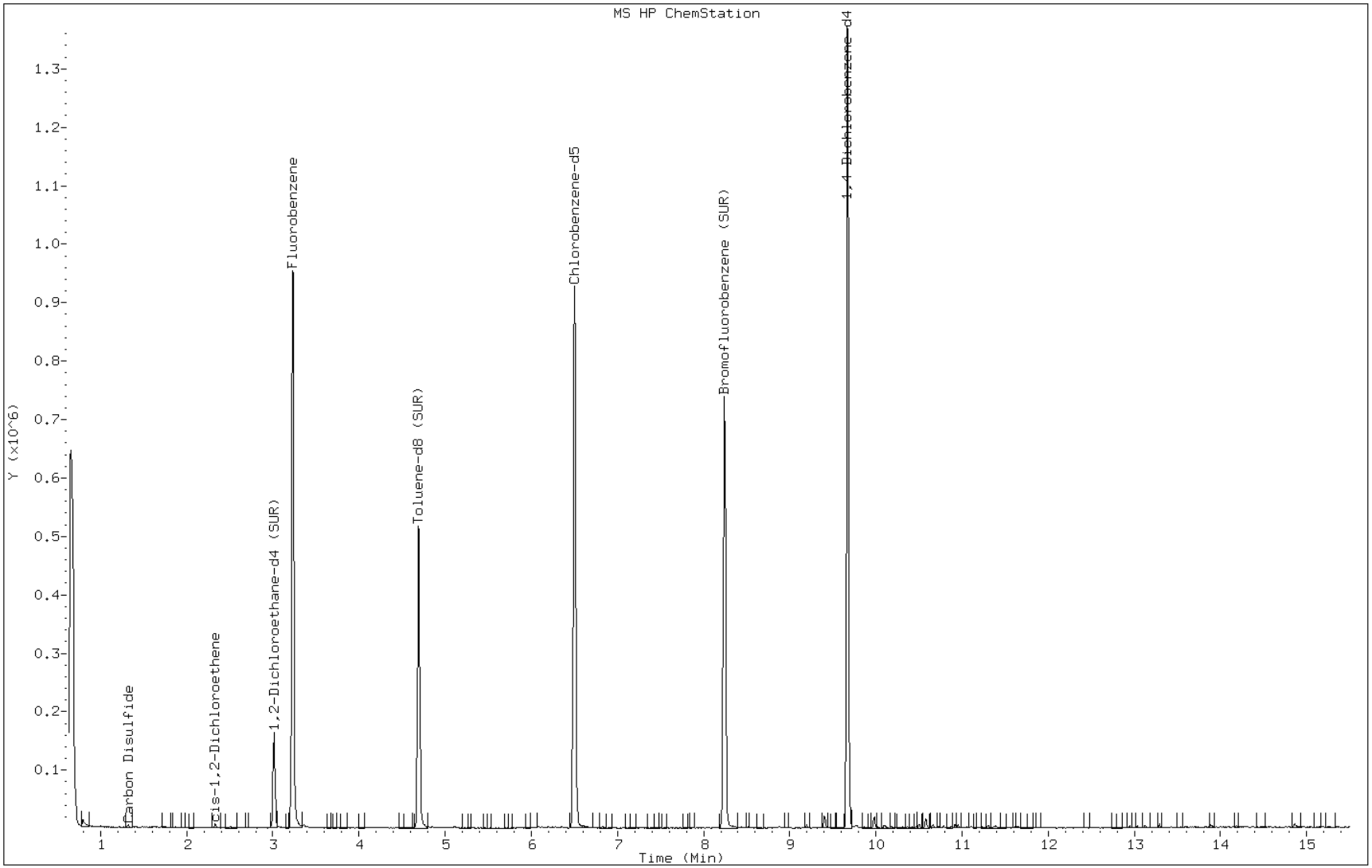
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30433.d

Date: 21-AUG-2009 17:07

Client ID: GW-017338-081709-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-2 Operator:



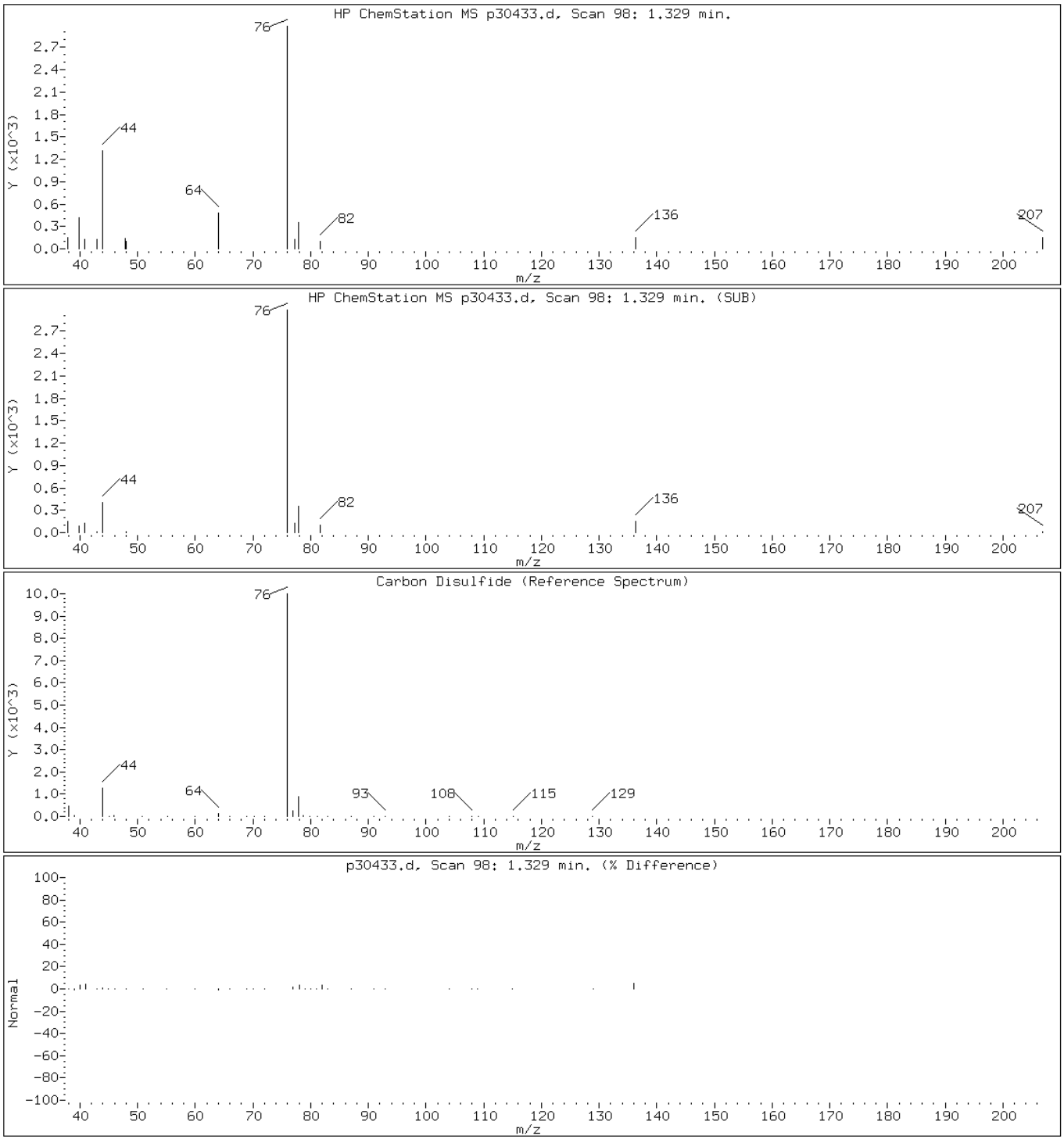
Data File: p30433.d

Date: 21-AUG-2009 17:07

Client ID: GW-017338-081709-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-2 Operator:

18 Carbon Disulfide



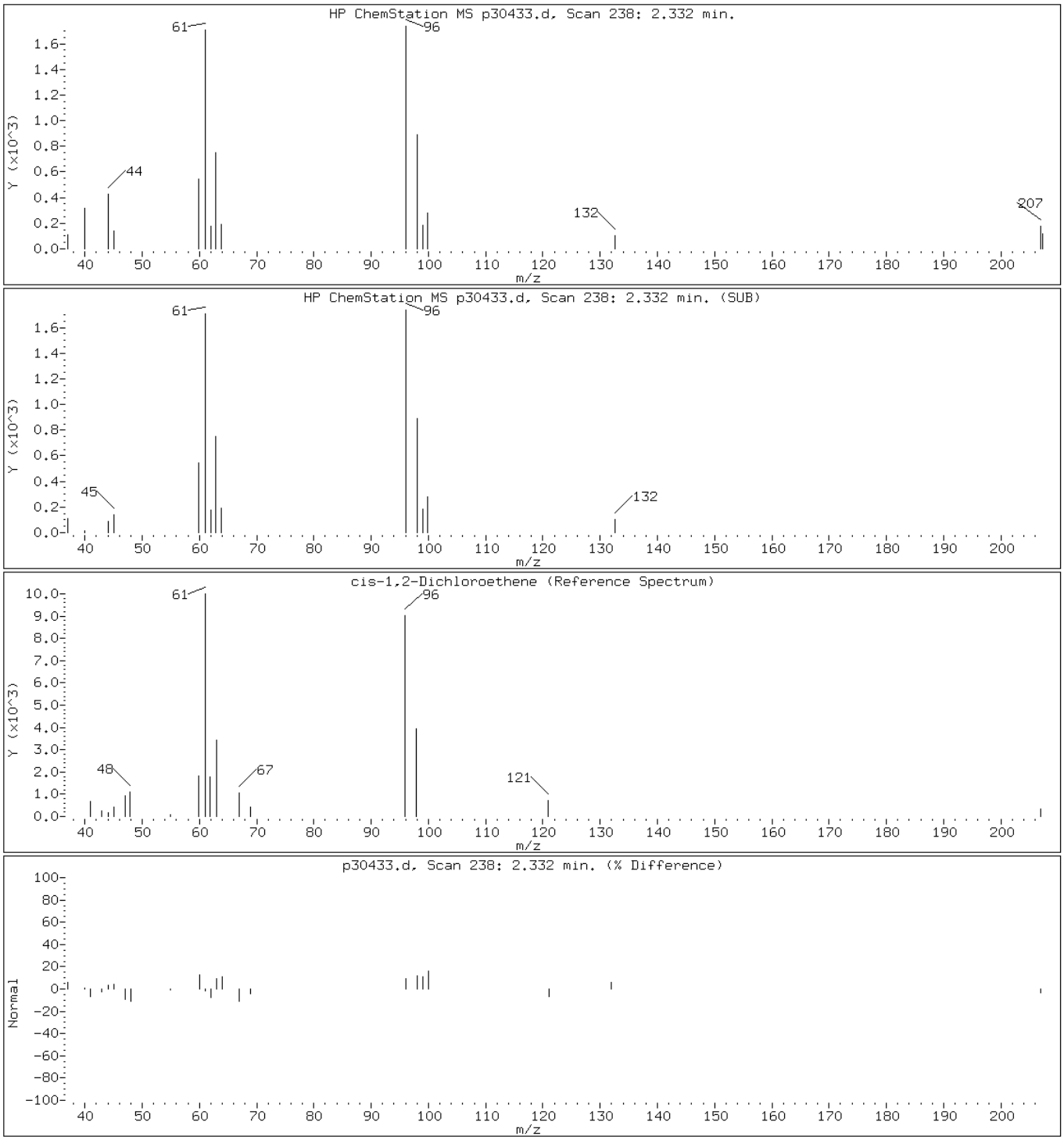
Data File: p30433.d

Date: 21-AUG-2009 17:07

Client ID: GW-017338-081709-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-2 Operator:

36 cis-1,2-Dichloroethene



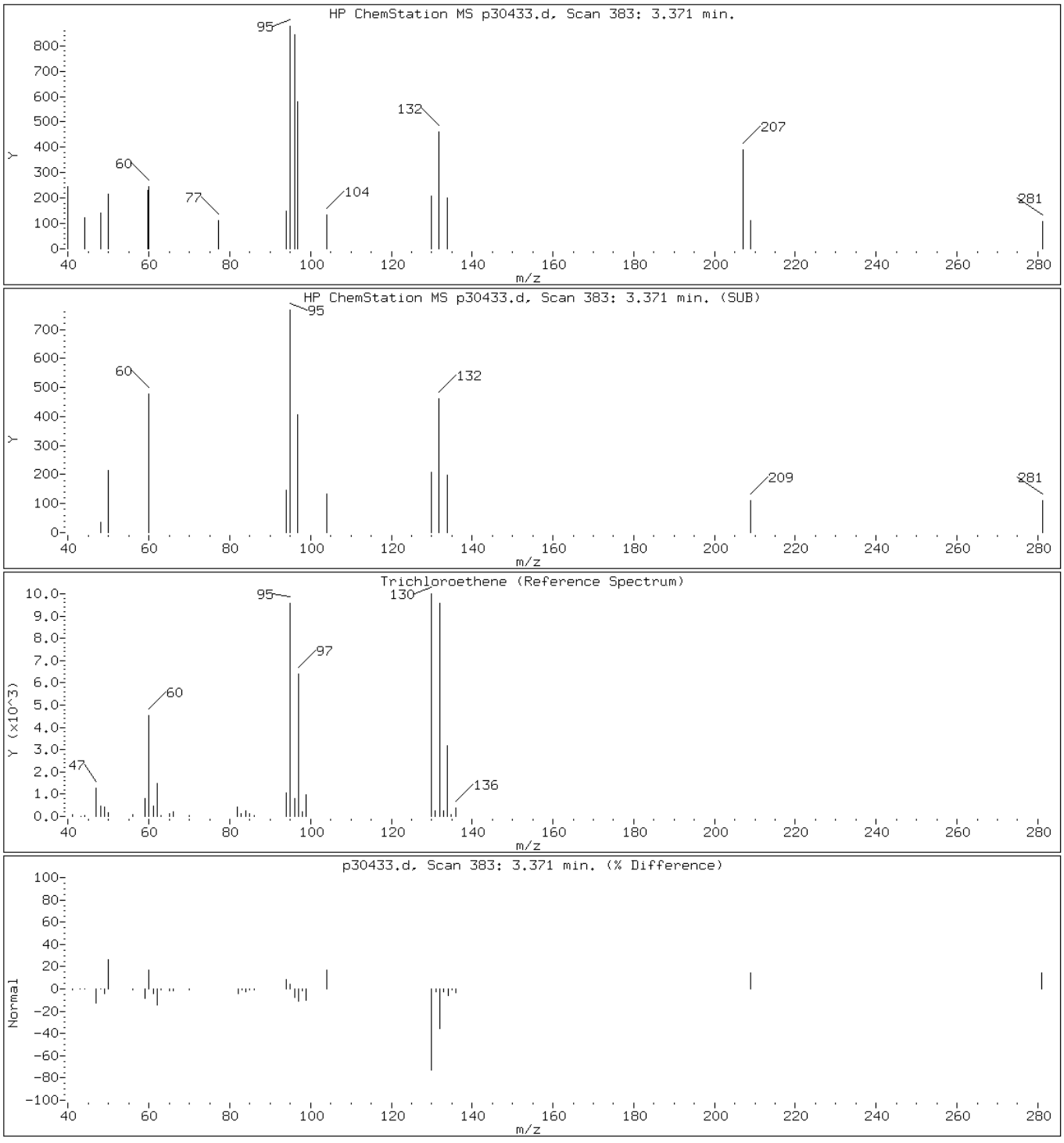
Data File: p30433.d

Date: 21-AUG-2009 17:07

Client ID: GW-017338-081709-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-2 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-03 Lab Sample ID: 460-4835-3

Matrix: Water Lab File ID: p30434.d

Analysis Method: 8260B Date Collected: 08/17/2009 15:40

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 17:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	5.3		1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	0.31	J	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-03 | Lab Sample ID: 460-4835-3

Matrix: Water | Lab File ID: p30434.d

Analysis Method: 8260B | Date Collected: 08/17/2009 15:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 17:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	56-125	
2037-26-5	Toluene-d8 (Surr)	89	72-127	
460-00-4	Bromofluorobenzene	102	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30434.d
Report Date: 24-Aug-2009 08:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30434.d
Lab Smp Id: 460-4835-C-3 Client Smp ID: GW-017338-081709-AC
Inj Date : 21-AUG-2009 17:33
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-C-3
Misc Info : 460-4835-C-3
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
42 Chloroform	83	2.519	2.511	(0.779)	32740	5.34534	5.3
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	93451	47.3099	47
* 52 Fluorobenzene	96	3.235	3.228	(1.000)	813013	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	342777	44.6875	45
71 Tetrachloroethene	166	5.155	5.147	(0.793)	1228	0.31487	0.31(a)
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	621005	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	234745	51.0024	51
* 108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	330385	50.0000	

QC Flag Legend

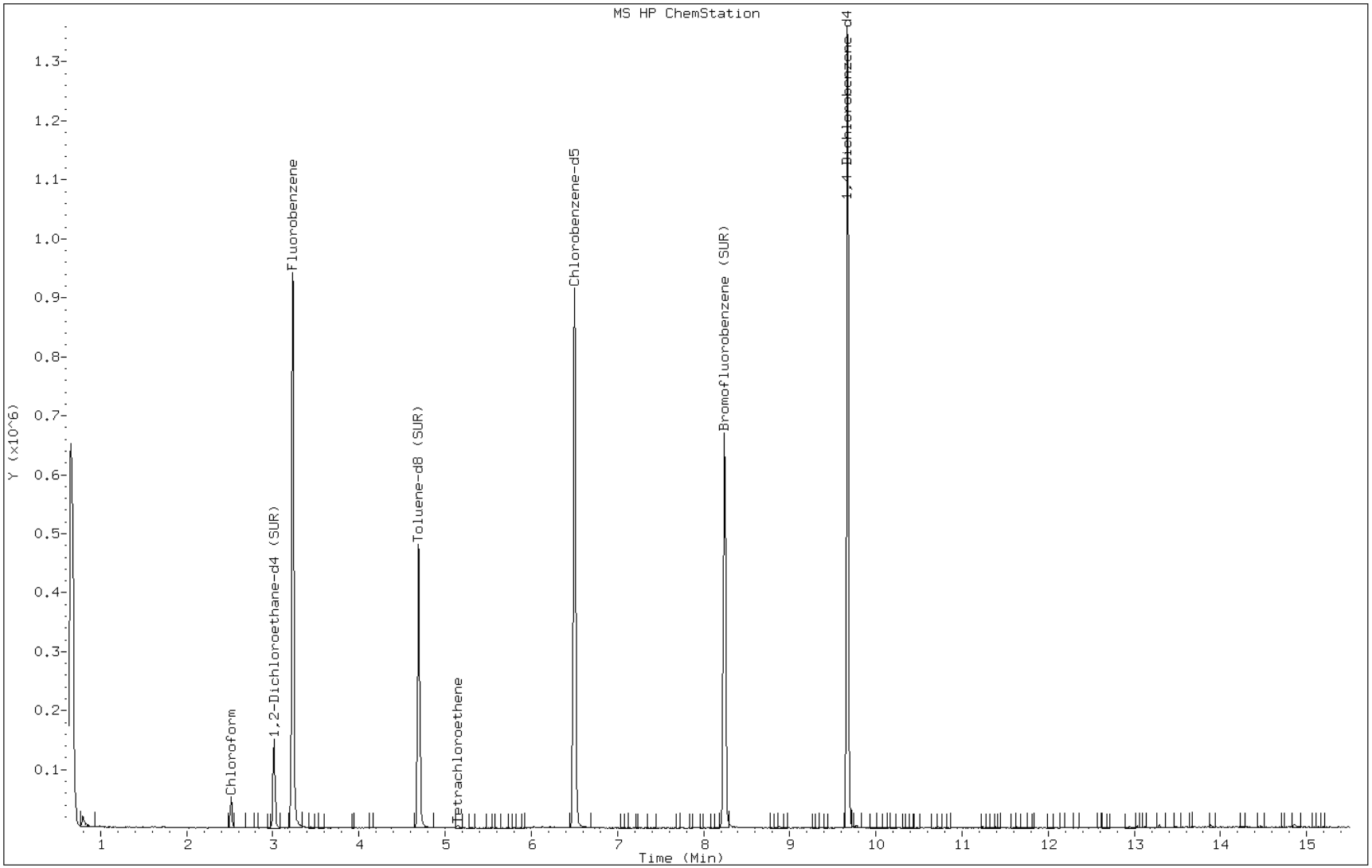
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30434.d

Date: 21-AUG-2009 17:33

Client ID: GW-017338-081709-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-3 Operator:



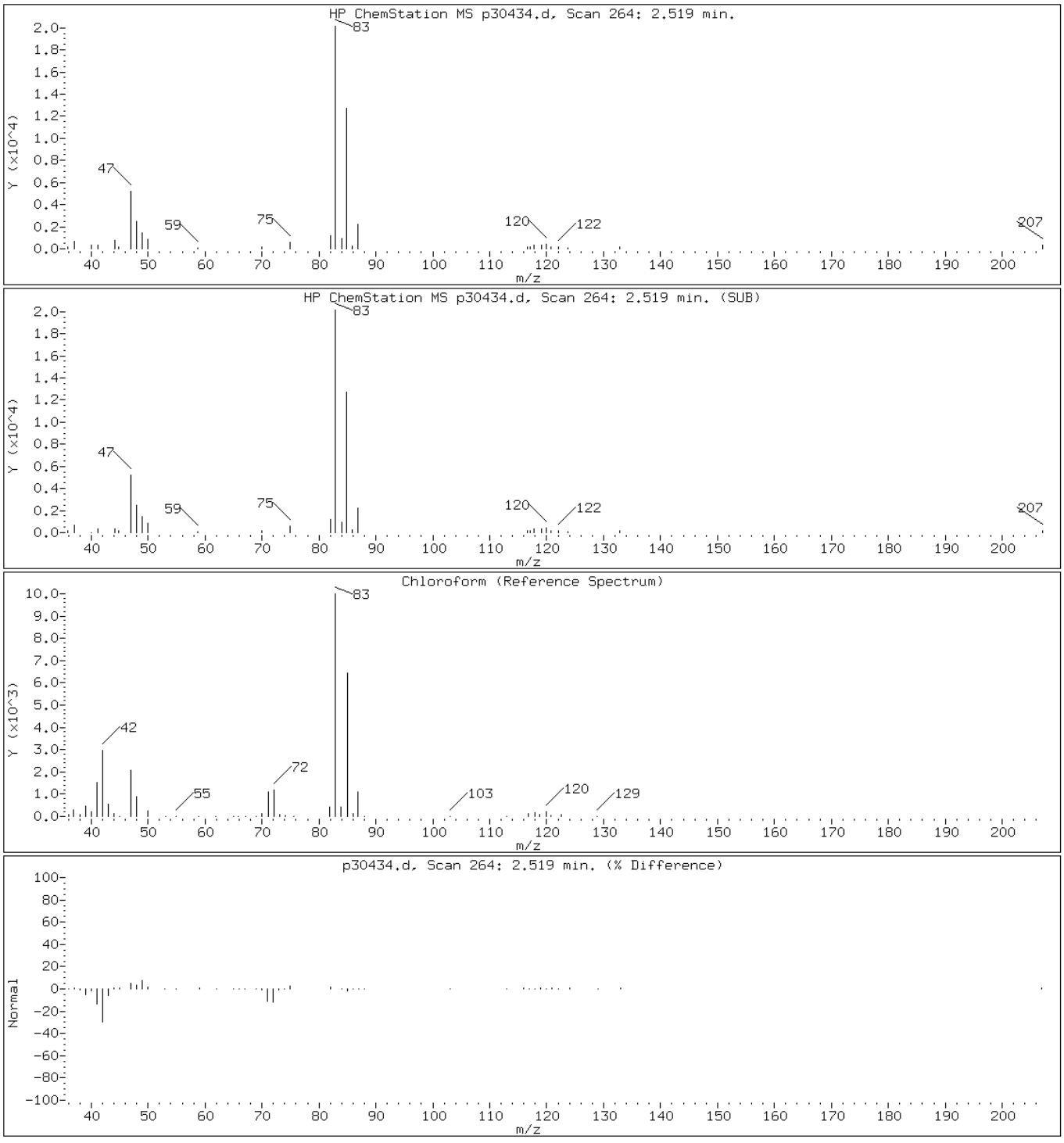
Data File: p30434.d

Date: 21-AUG-2009 17:33

Client ID: GW-017338-081709-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-3 Operator:

42 Chloroform



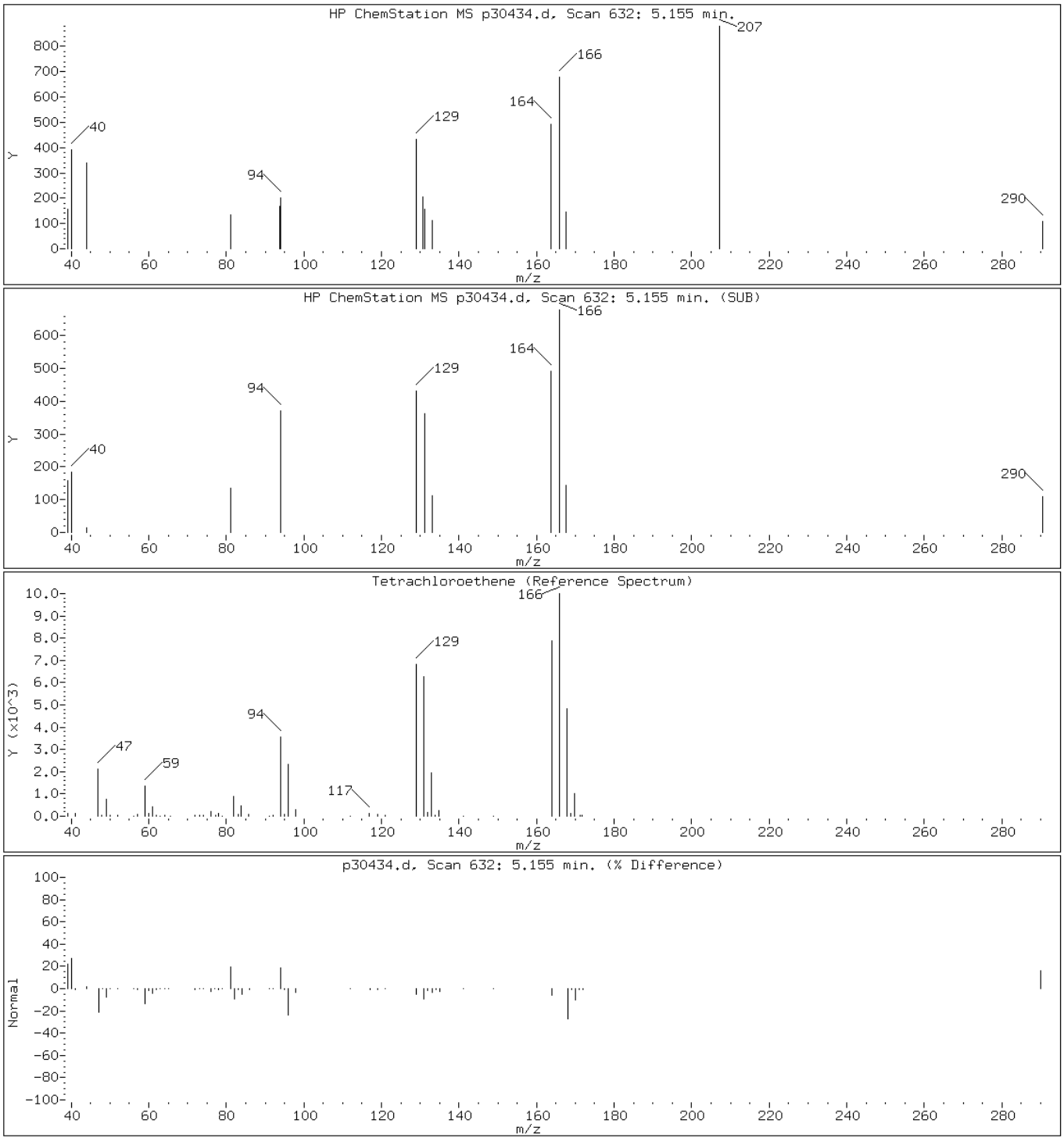
Data File: p30434.d

Date: 21-AUG-2009 17:33

Client ID: GW-017338-081709-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-3 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-04 Lab Sample ID: 460-4835-4

Matrix: Water Lab File ID: p30435.d

Analysis Method: 8260B Date Collected: 08/18/2009 09:30

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 17:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.8		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	0.64	J	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	0.77	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	0.49	J	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	4.4		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-04 | Lab Sample ID: 460-4835-4

Matrix: Water | Lab File ID: p30435.d

Analysis Method: 8260B | Date Collected: 08/18/2009 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 17:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	5.8		1.0	0.25
1330-20-7	Xylenes, Total	13		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100	56-125	
2037-26-5	Toluene-d8 (Surr)	97	72-127	
460-00-4	Bromofluorobenzene	112	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30435.d
Report Date: 24-Aug-2009 08:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30435.d
Lab Smp Id: 460-4835-C-4 Client Smp ID: GW-017338-081809-AC
Inj Date : 21-AUG-2009 17:58
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-C-4
Misc Info : 460-4835-C-4
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	1.738	1.738	(0.538)	18400	1.75150	1.8
	32 DIPE	45	1.946	1.953	(0.603)	133223	10.7280	11
	44 Cyclohexane	56	2.447	2.447	(0.758)	3951	0.63992	0.64(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	98333	49.8689	50
	48 Benzene	78	2.913	2.905	(0.448)	7878	0.48999	0.49(a)
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	811587	50.0000	
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	4397	0.76892	0.77(a)
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	365911	48.4194	48
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	611822	50.0000	
	81 Ethylbenzene	106	6.609	6.616	(1.017)	32925	5.77908	5.8
	82 m+p-Xylene	106	6.824	6.823	(1.050)	89011	12.4377	12
	84 o-Xylene	106	7.397	7.396	(1.138)	2437	0.35745	0.36(a)
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	72454	4.38092	4.4
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	258021	56.0395	56
	95 n-Propylbenzene	91	8.507	8.507	(0.880)	50007	2.38308	2.4
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	8669	0.56937	0.57(a)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30435.d
Report Date: 24-Aug-2009 08:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 108 1,4-Dichlorobenzene-d4	152	9.667	9.674	(1.000)	330503	50.0000	
M 121 Xylene (Total)	100				91448	12.9831	13

QC Flag Legend

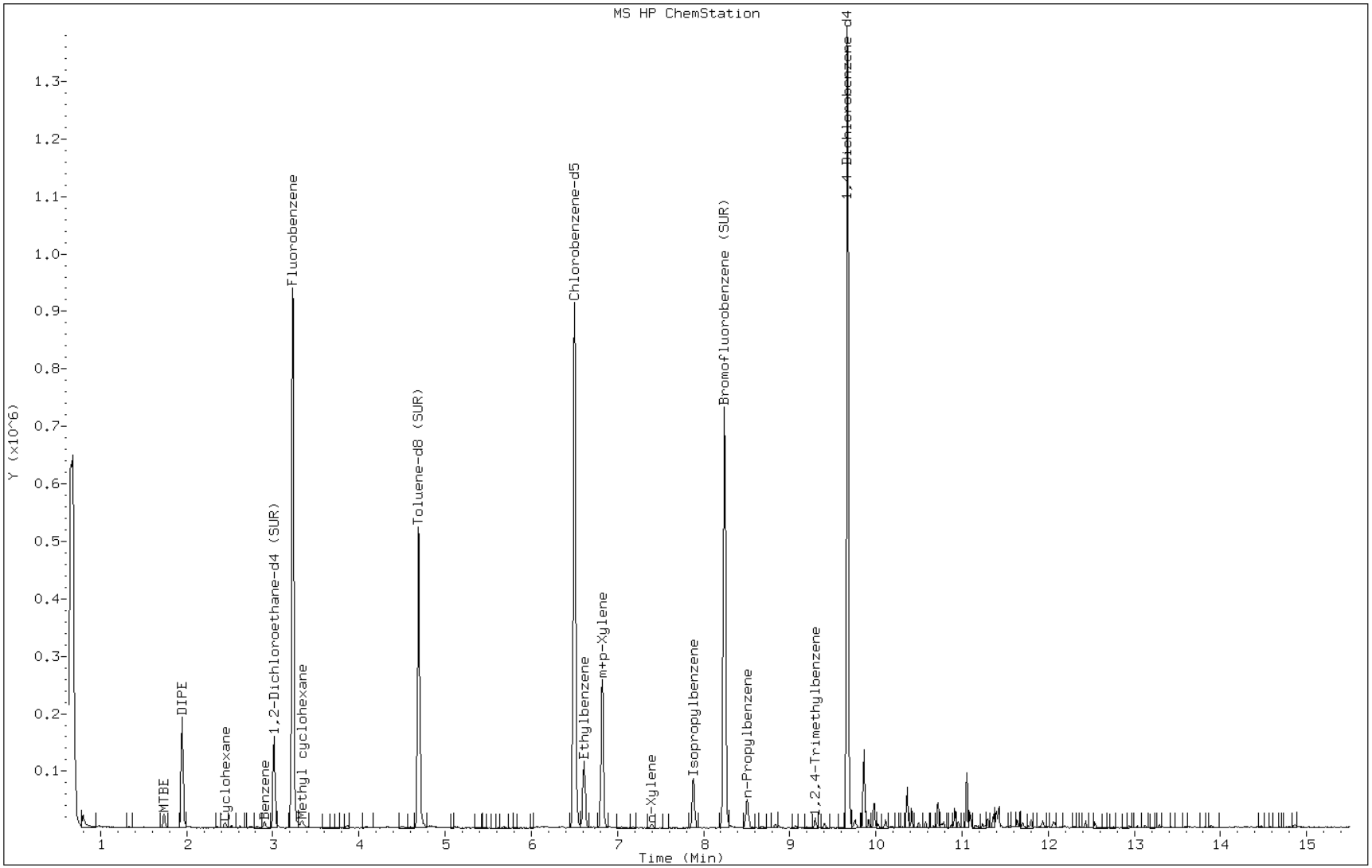
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30435.d

Date: 21-AUG-2009 17:58

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-4 Operator:



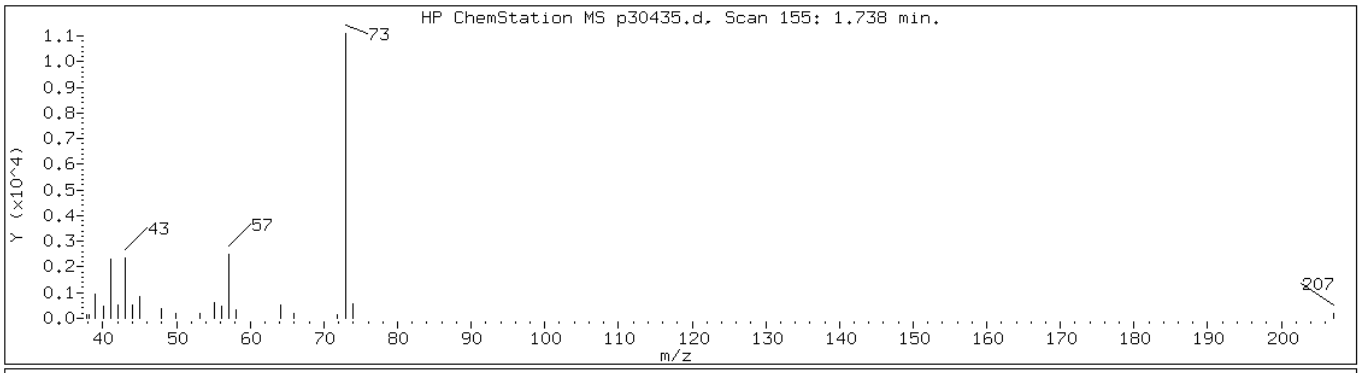
Data File: p30435.d

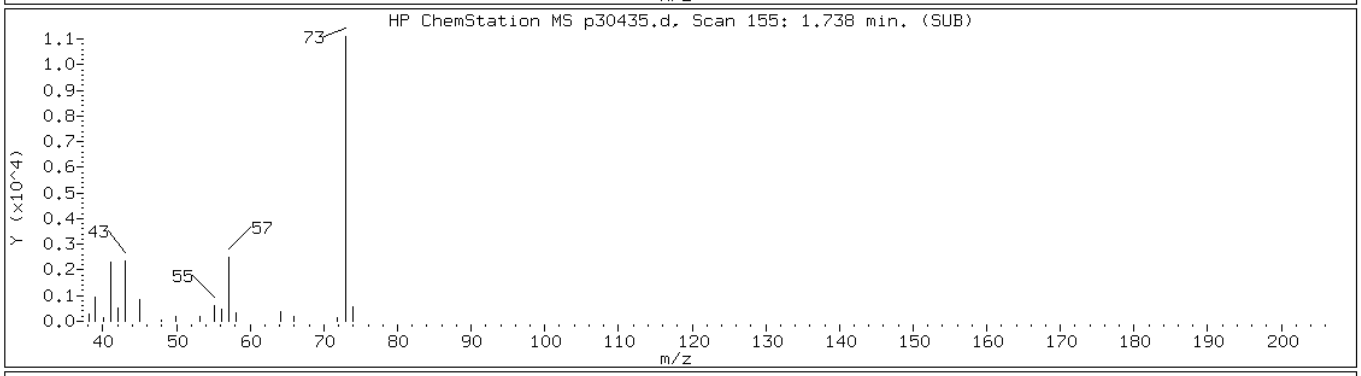
Date: 21-AUG-2009 17:58

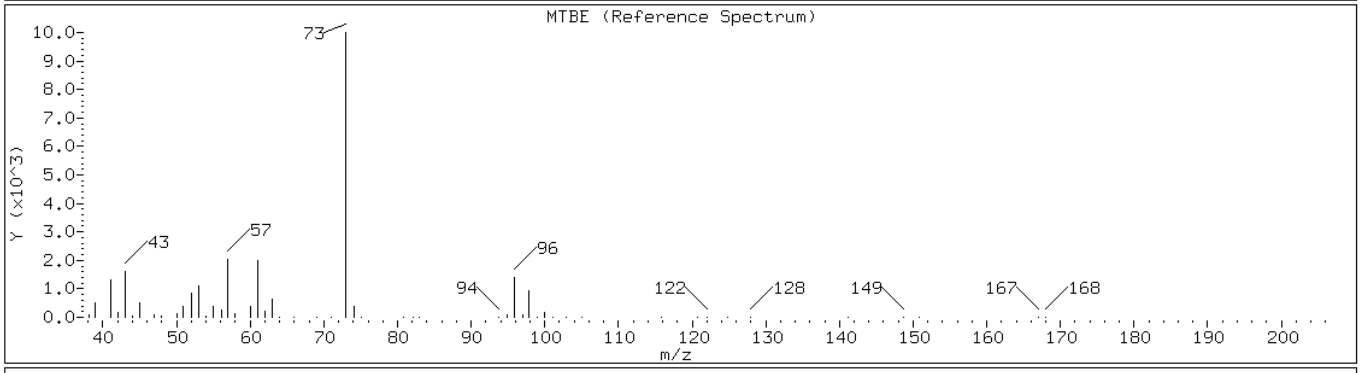
Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

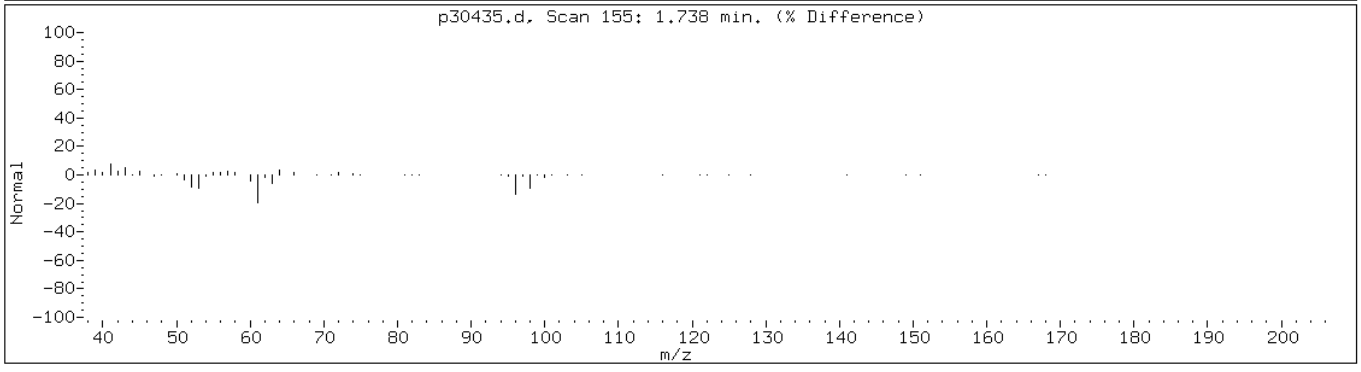
Sample Info: 460-4835-C-4 Operator:

28 MTBE









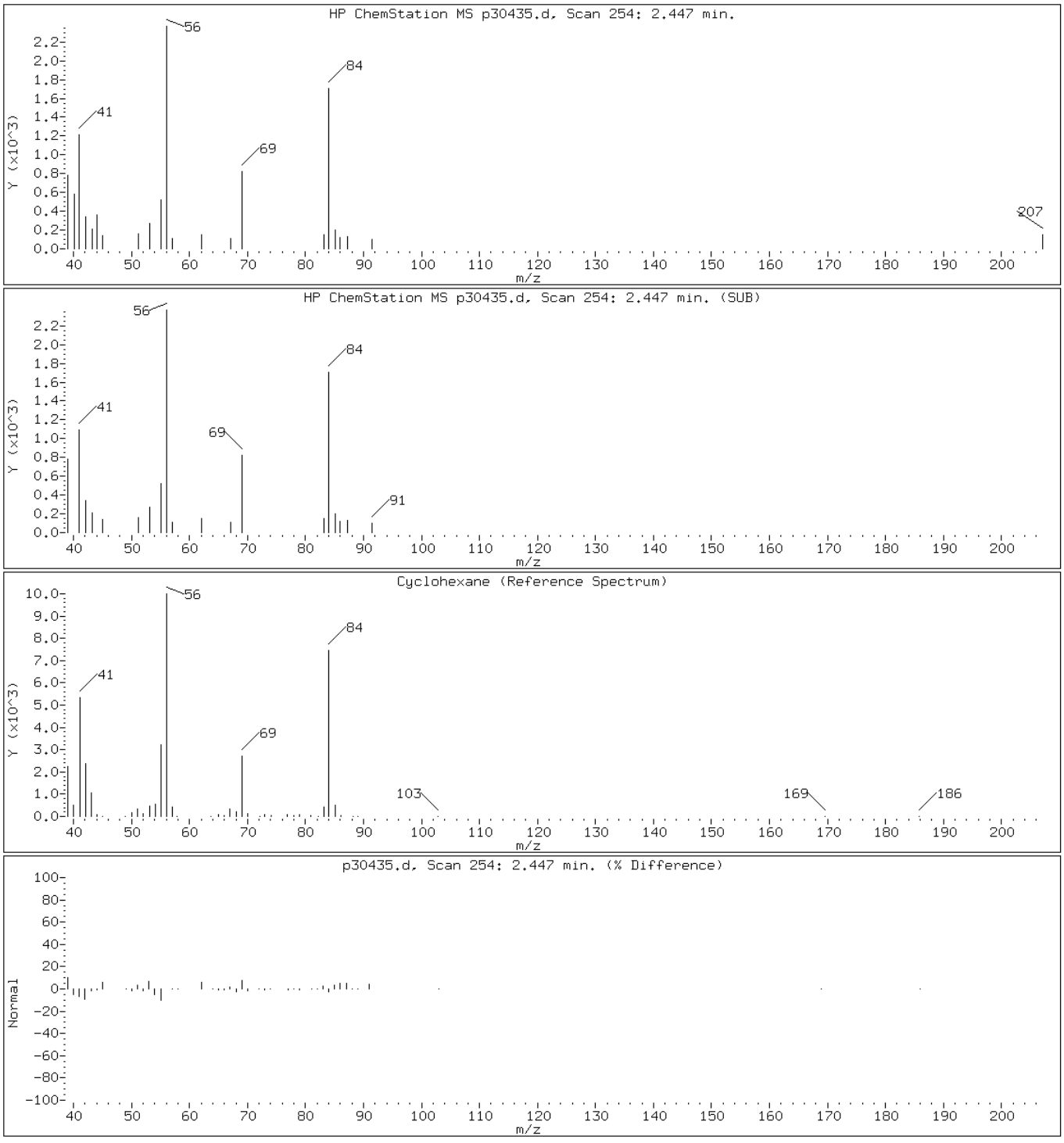
Data File: p30435.d

Date: 21-AUG-2009 17:58

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-4 Operator:

44 Cyclohexane



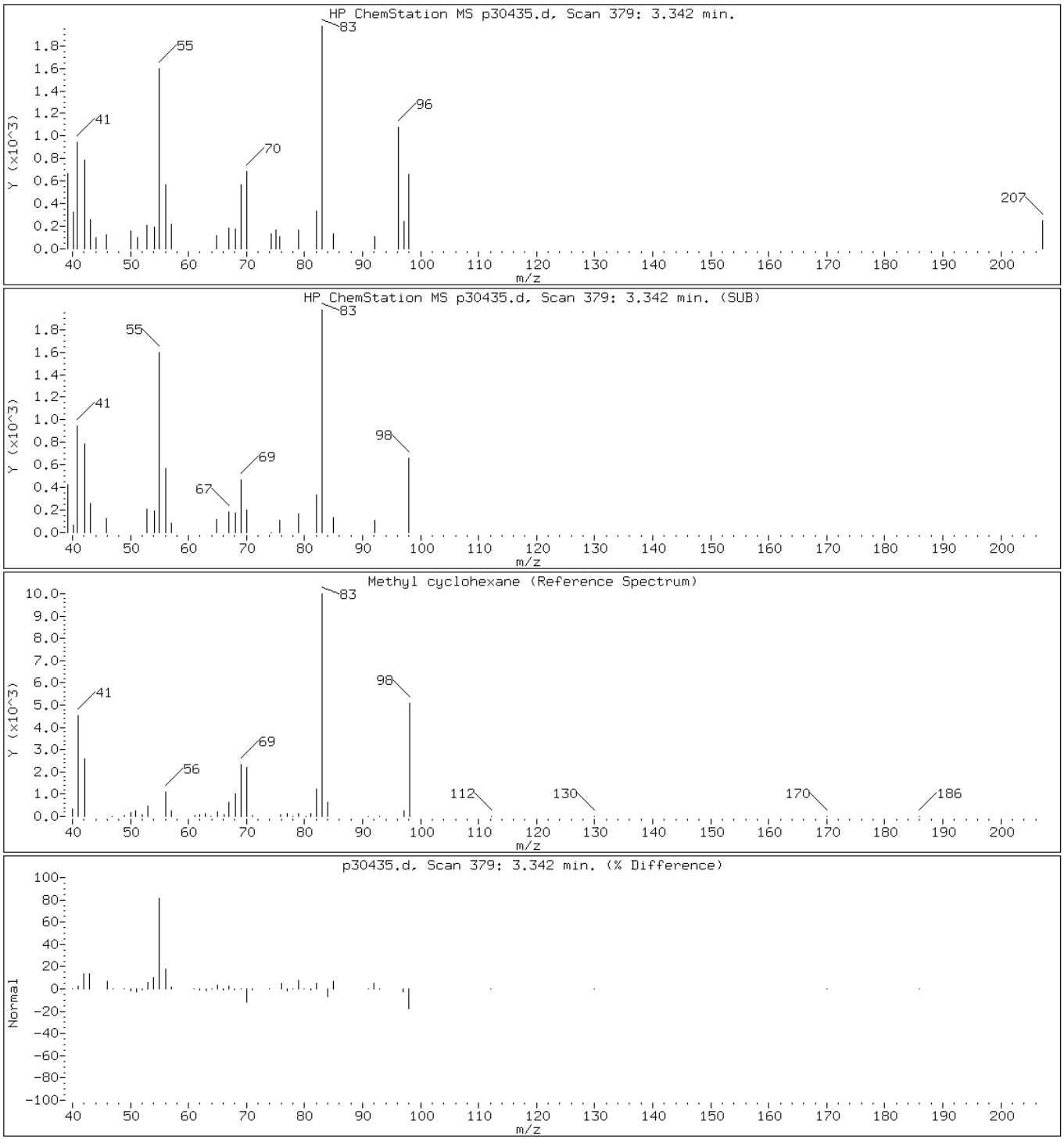
Data File: p30435.d

Date: 21-AUG-2009 17:58

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-4 Operator:

56 Methyl cyclohexane



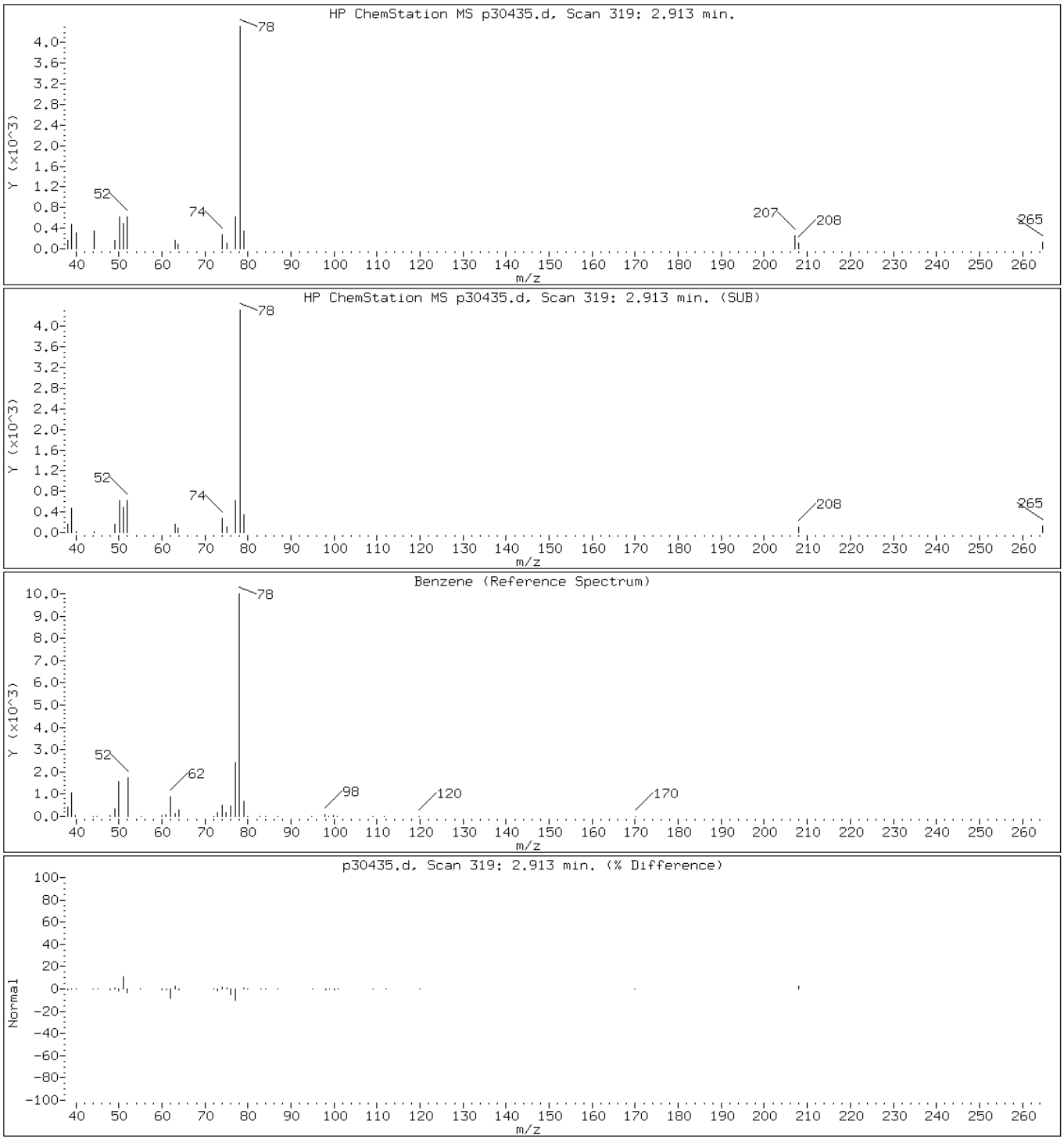
Data File: p30435.d

Date: 21-AUG-2009 17:58

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-4 Operator:

48 Benzene



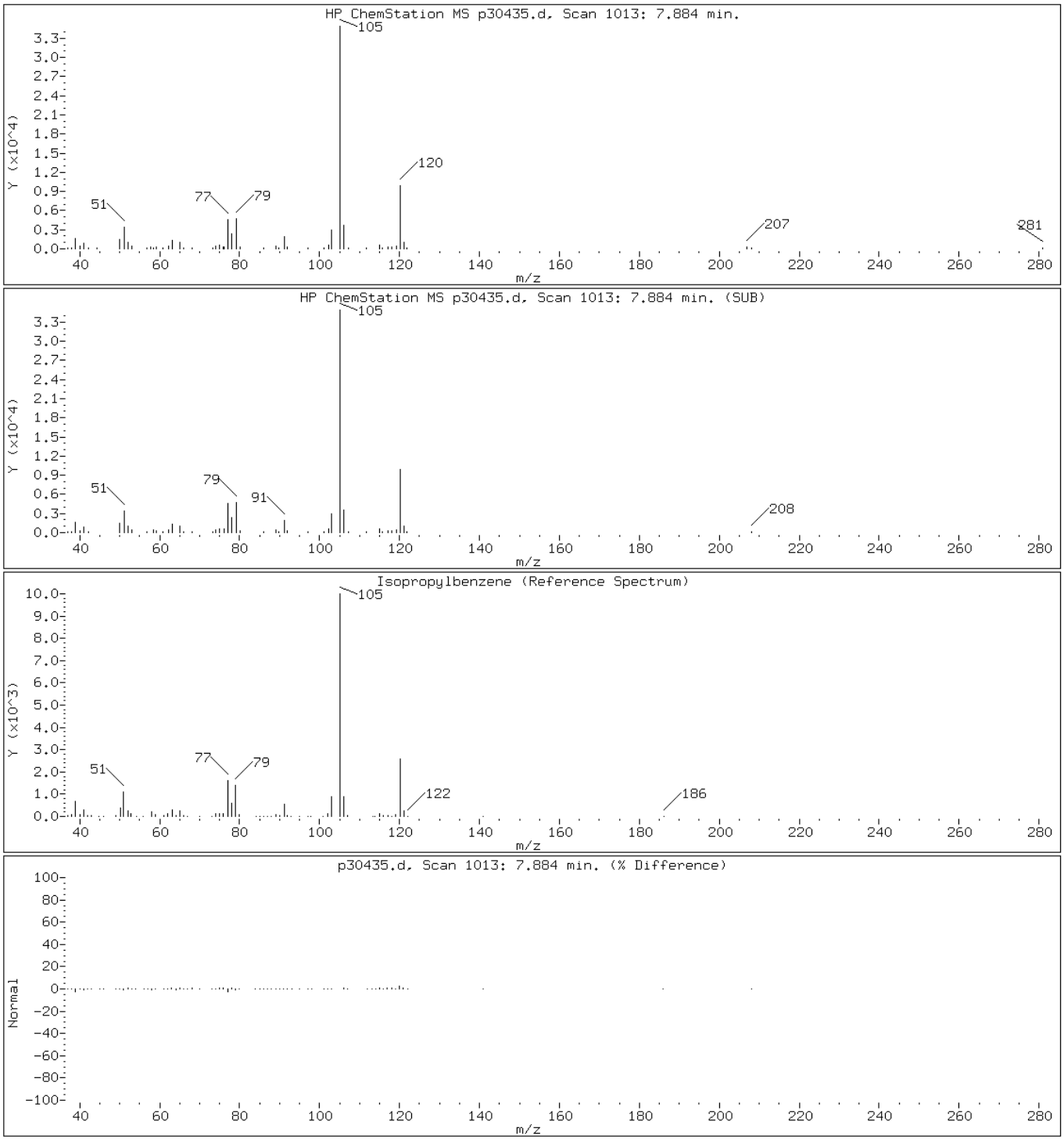
Data File: p30435.d

Date: 21-AUG-2009 17:58

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-4 Operator:

88 Isopropylbenzene



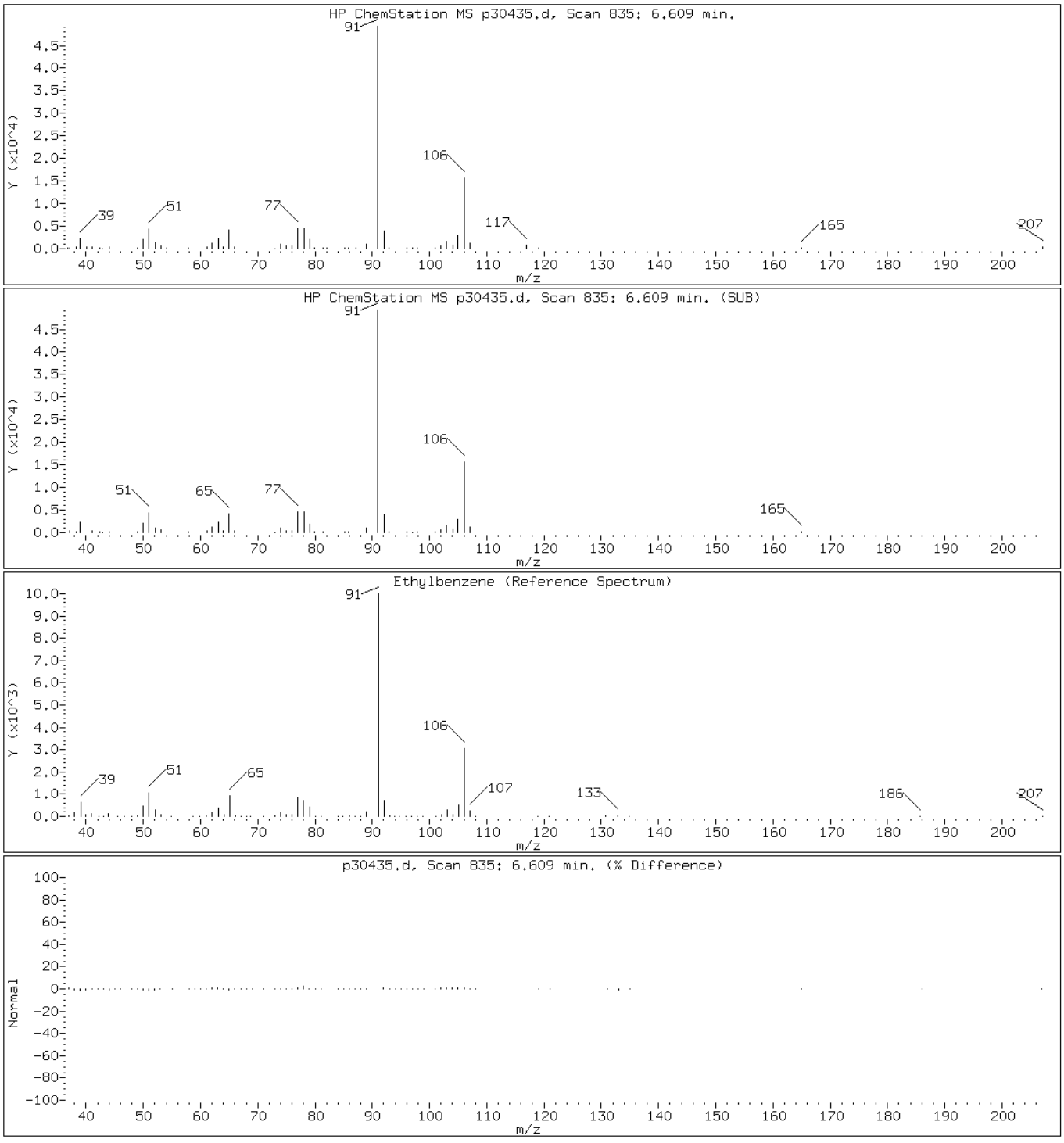
Data File: p30435.d

Date: 21-AUG-2009 17:58

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-4 Operator:

81 Ethylbenzene



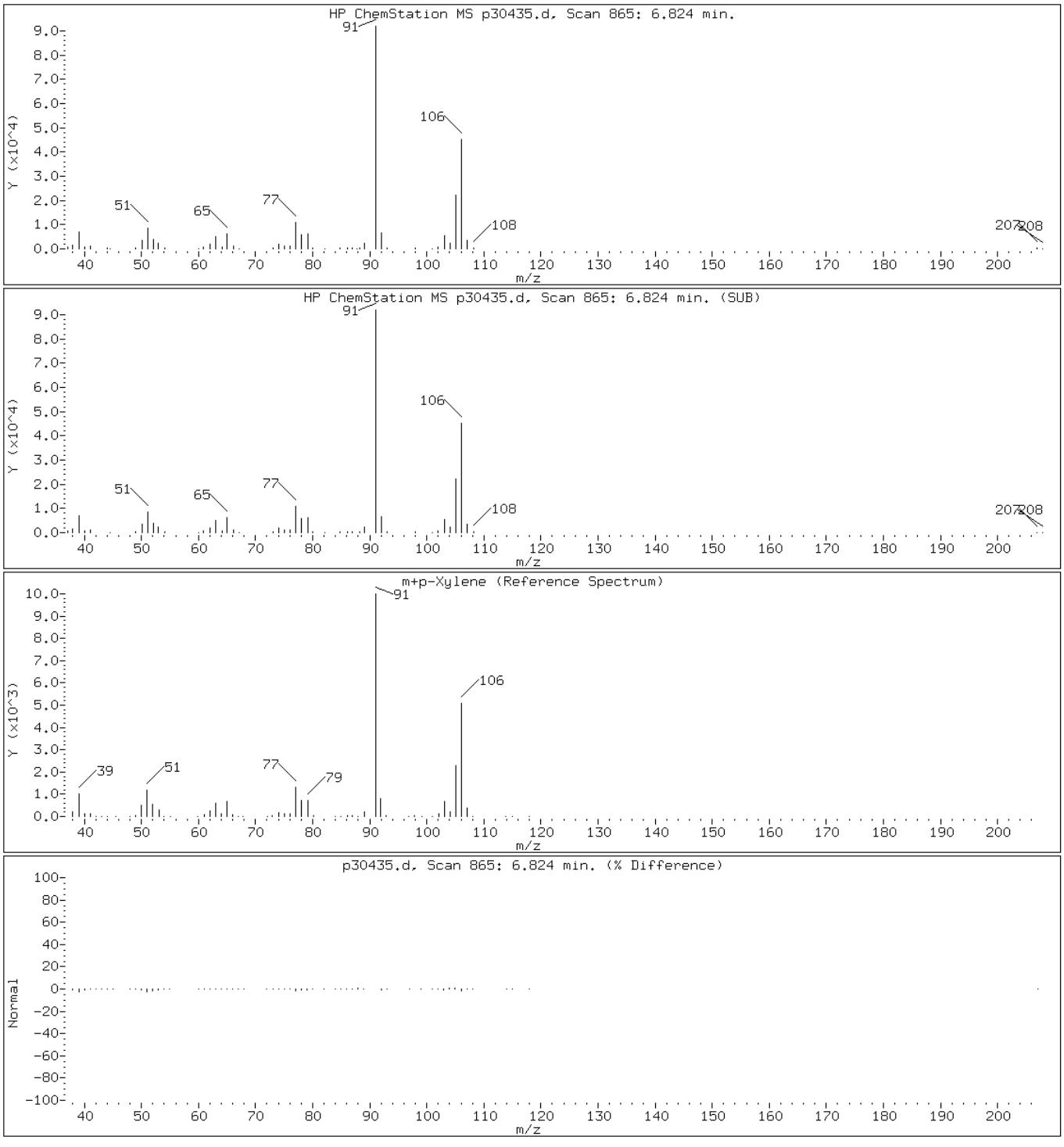
Data File: p30435.d

Date: 21-AUG-2009 17:58

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-4 Operator:

82 m+p-Xylene



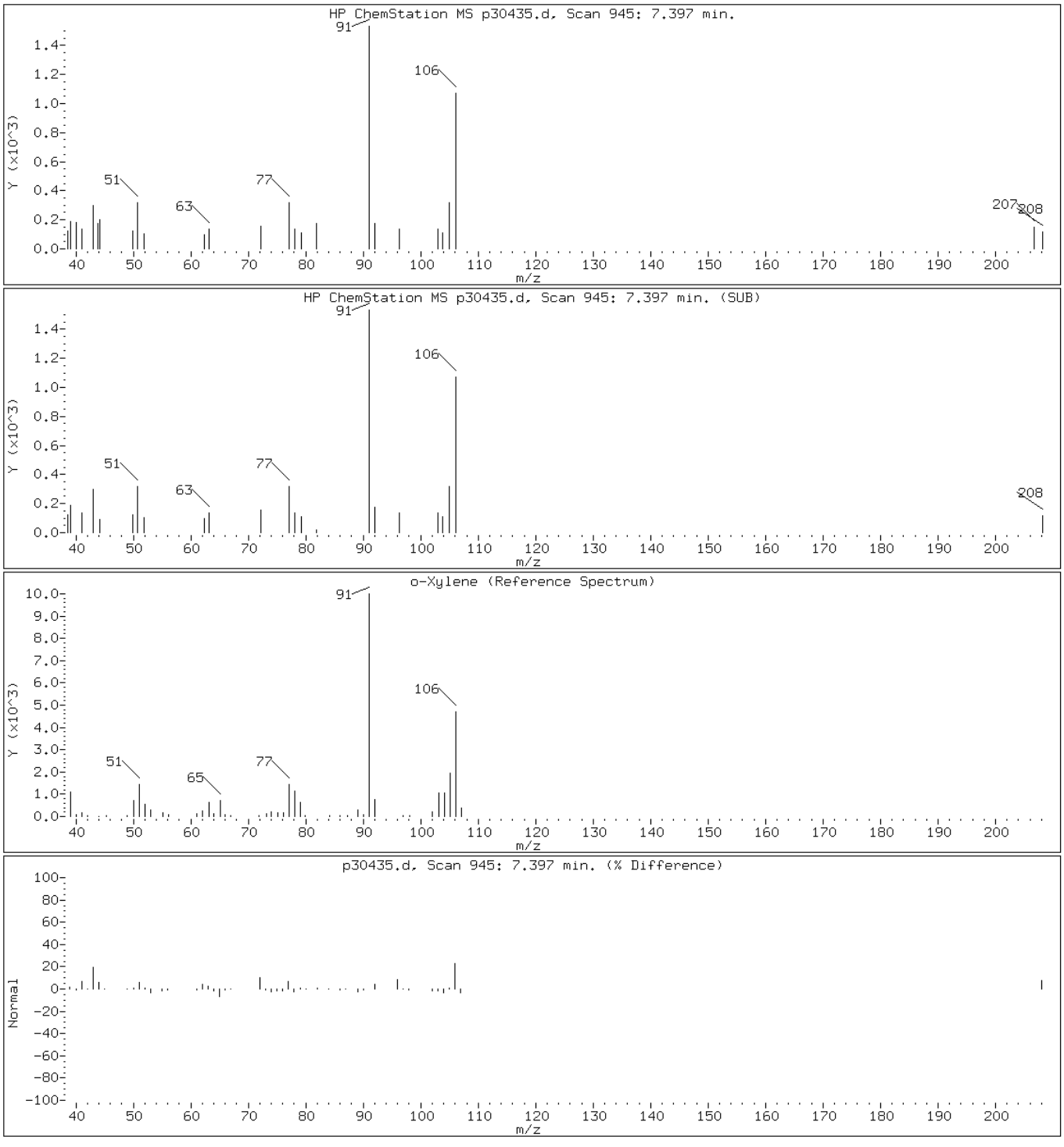
Data File: p30435.d

Date: 21-AUG-2009 17:58

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-4 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-05 | Lab Sample ID: 460-4835-5

Matrix: Water | Lab File ID: p30455.d

Analysis Method: 8260B | Date Collected: 08/18/2009 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 14:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	7.1		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	2.1		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	7.2		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	3.7		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	7.1		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-05 | Lab Sample ID: 460-4835-5

Matrix: Water | Lab File ID: p30455.d

Analysis Method: 8260B | Date Collected: 08/18/2009 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 14:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.30	J	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	2.0		1.0	0.16
100-41-4	Ethylbenzene	0.43	J	1.0	0.25
1330-20-7	Xylenes, Total	18		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100	56-125	
2037-26-5	Toluene-d8 (Surr)	97	72-127	
460-00-4	Bromofluorobenzene	113	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30455.d
Report Date: 25-Aug-2009 14:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30455.d
Lab Smp Id: 460-4835-B-5 Client Smp ID: GW-017338-081809-AC
Inj Date : 24-AUG-2009 14:50
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-B-5
Misc Info : 460-4835-B-5
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	1.738	1.738	(0.538)	78922	7.11752	7.1
	32 DIPE	45	1.945	1.953	(0.603)	7225	0.55121	0.55(a)
	44 Cyclohexane	56	2.447	2.447	(0.758)	13475	2.06768	2.1
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	103963	49.9513	50
	48 Benzene	78	2.905	2.905	(0.447)	61730	3.66124	3.7
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	856638	50.0000	
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	43399	7.19024	7.2
$	65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	382678	48.2879	48
	66 Toluene	91	4.739	4.746	(0.729)	5121	0.30142	0.30(aH)
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	641600	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	23108	2.03414	2.0
	81 Ethylbenzene	106	6.616	6.609	(1.018)	2570	0.43016	0.43(a)
	82 m+p-Xylene	106	6.823	6.823	(1.050)	128454	17.1161	17
	84 o-Xylene	106	7.404	7.396	(1.139)	4141	0.57919	0.58(a)
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	122975	7.09056	7.1
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	271515	56.4111	56

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30455.d
Report Date: 25-Aug-2009 14:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	95 n-Propylbenzene	91	8.507	8.507	(0.880)	30711	1.40001	1.4
	97 1,3,5-Trimethylbenzene	105	8.836	8.829	(0.914)	3246	0.21429	0.21(a)
	100 tert-Butylbenzene	119	9.202	9.202	(0.952)	5306	0.40291	0.40(a)
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	34345	2.15783	2.2
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	48552	2.50721	2.5
*	108 1,4-Dichlorobenzene-d4	152	9.667	9.674	(1.000)	345497	50.0000	
	106 n-Butylbenzene	91	10.025	10.025	(1.037)	58574	3.88854	3.9
	116 Naphthalene	128	11.637	11.637	(1.204)	2331547	157.374	160
M	121 Xylene (Total)	100				132595	17.9511	18

QC Flag Legend

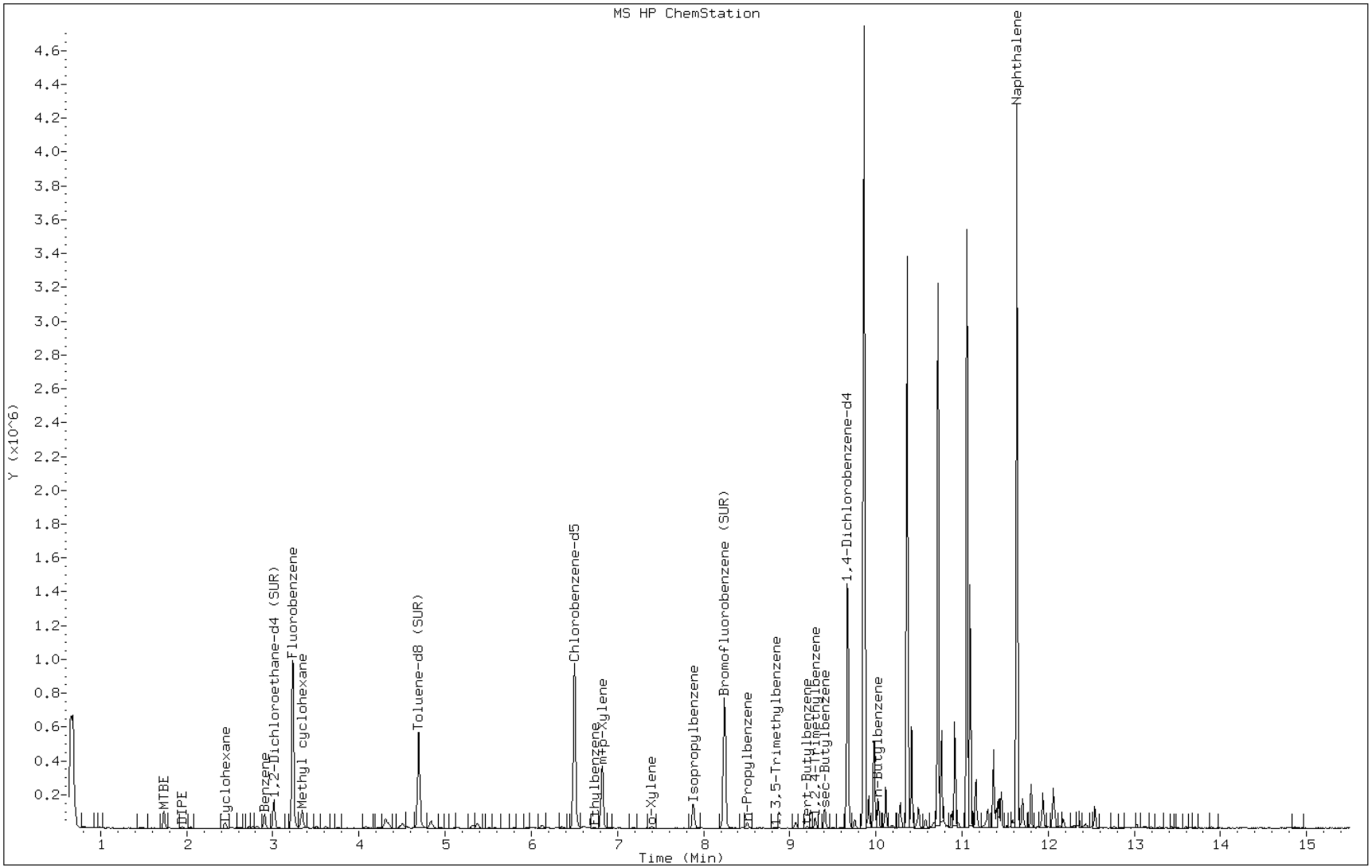
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:



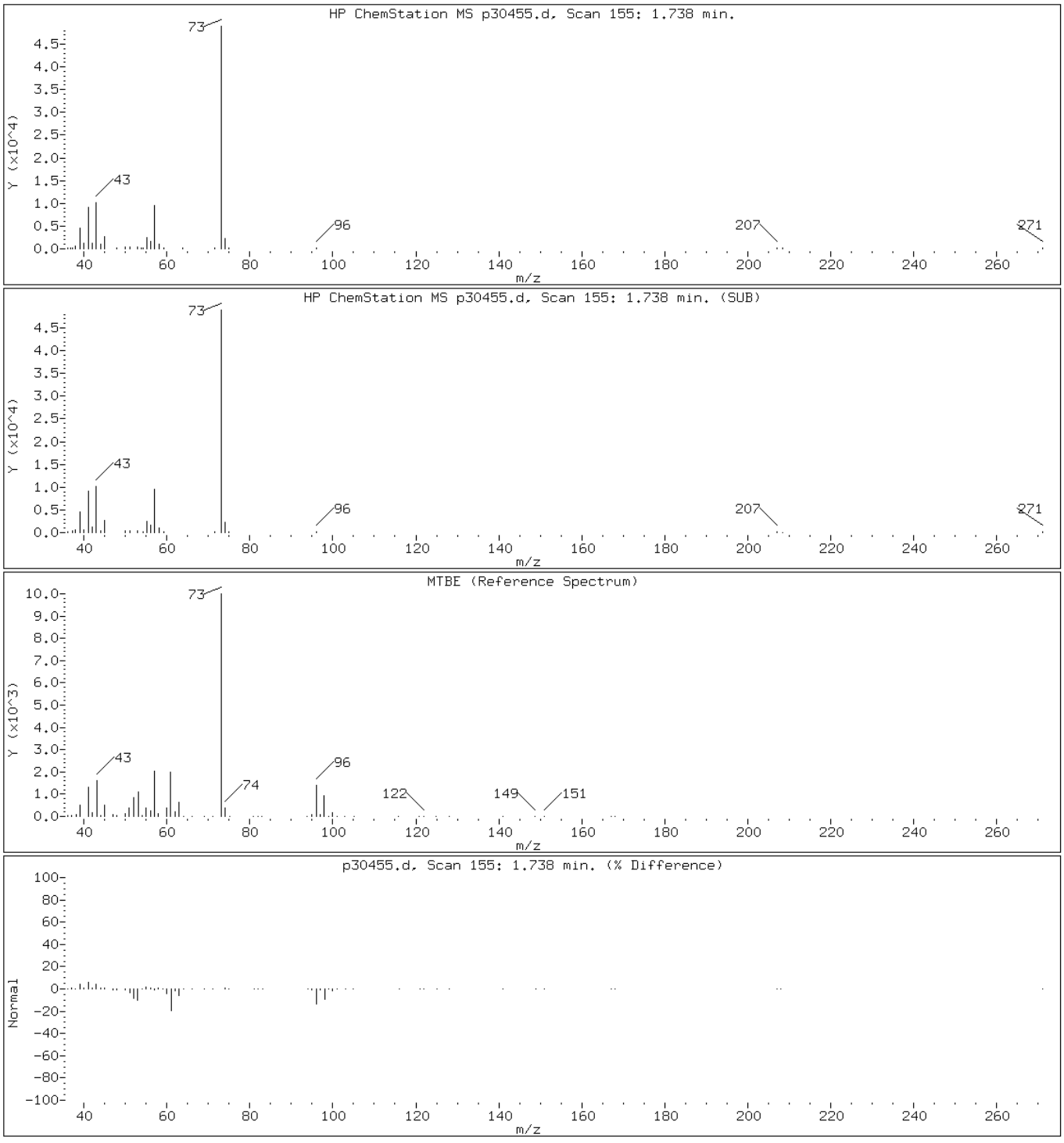
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

28 MTBE



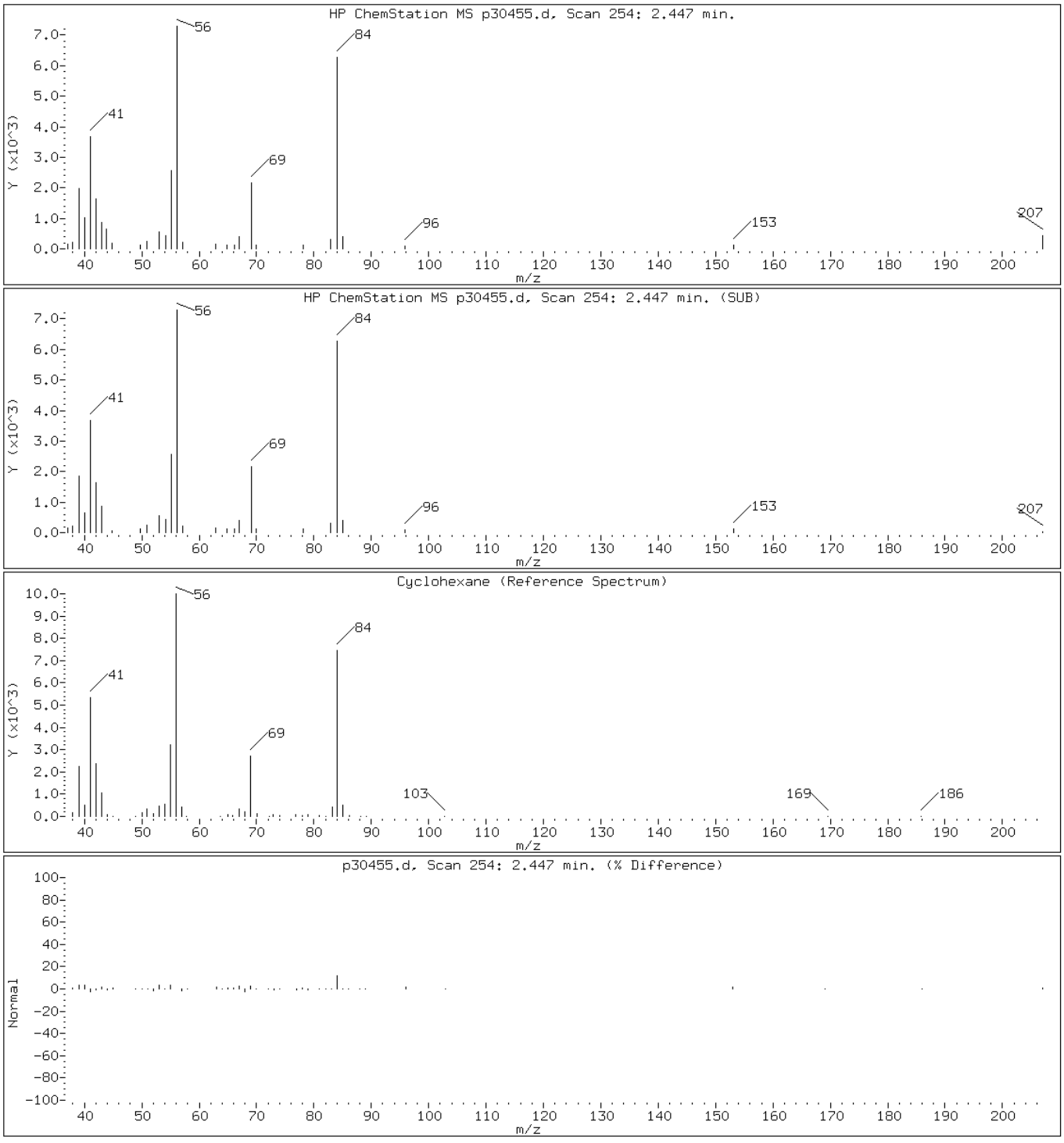
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

44 Cyclohexane



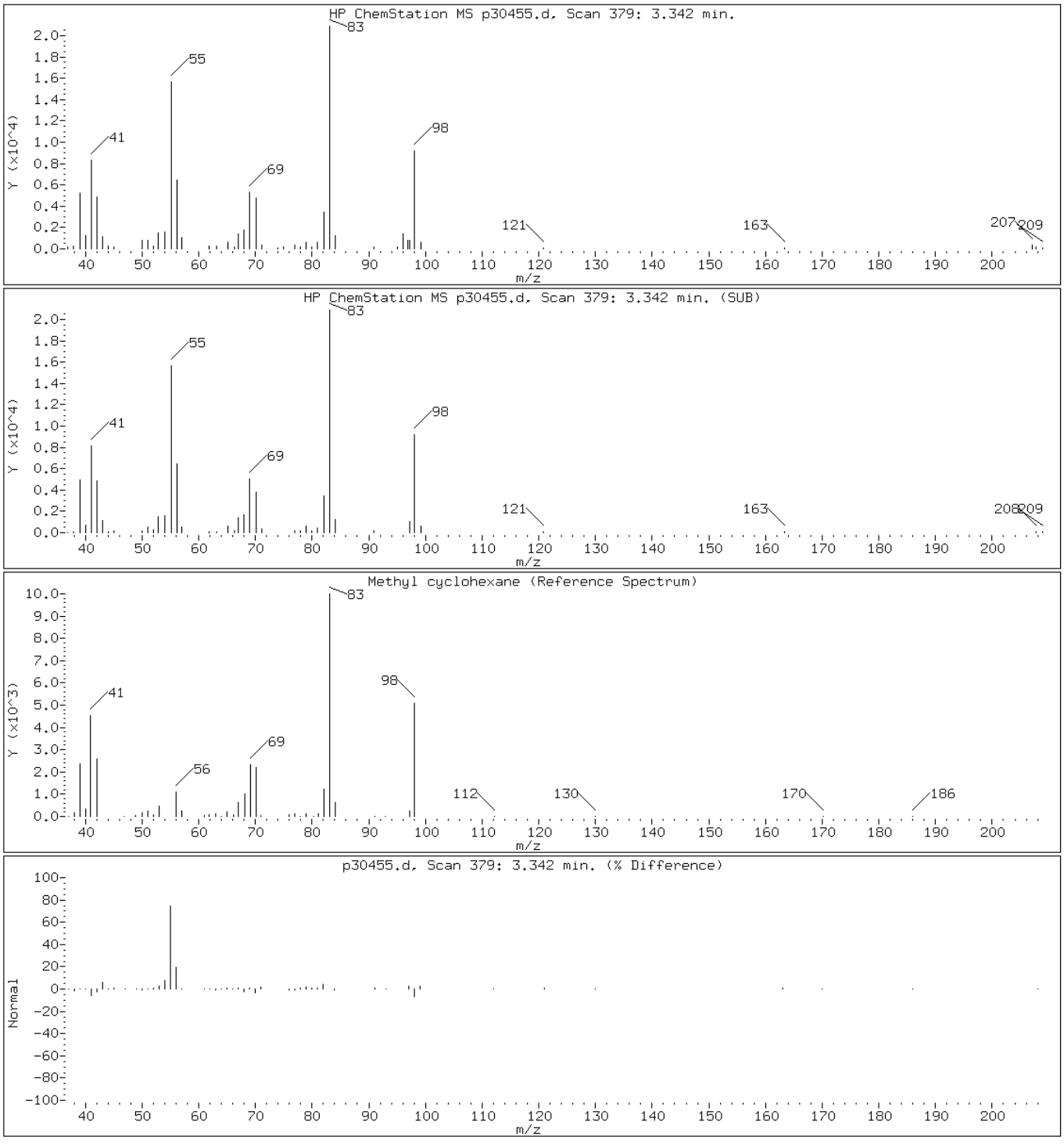
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

56 Methyl cyclohexane



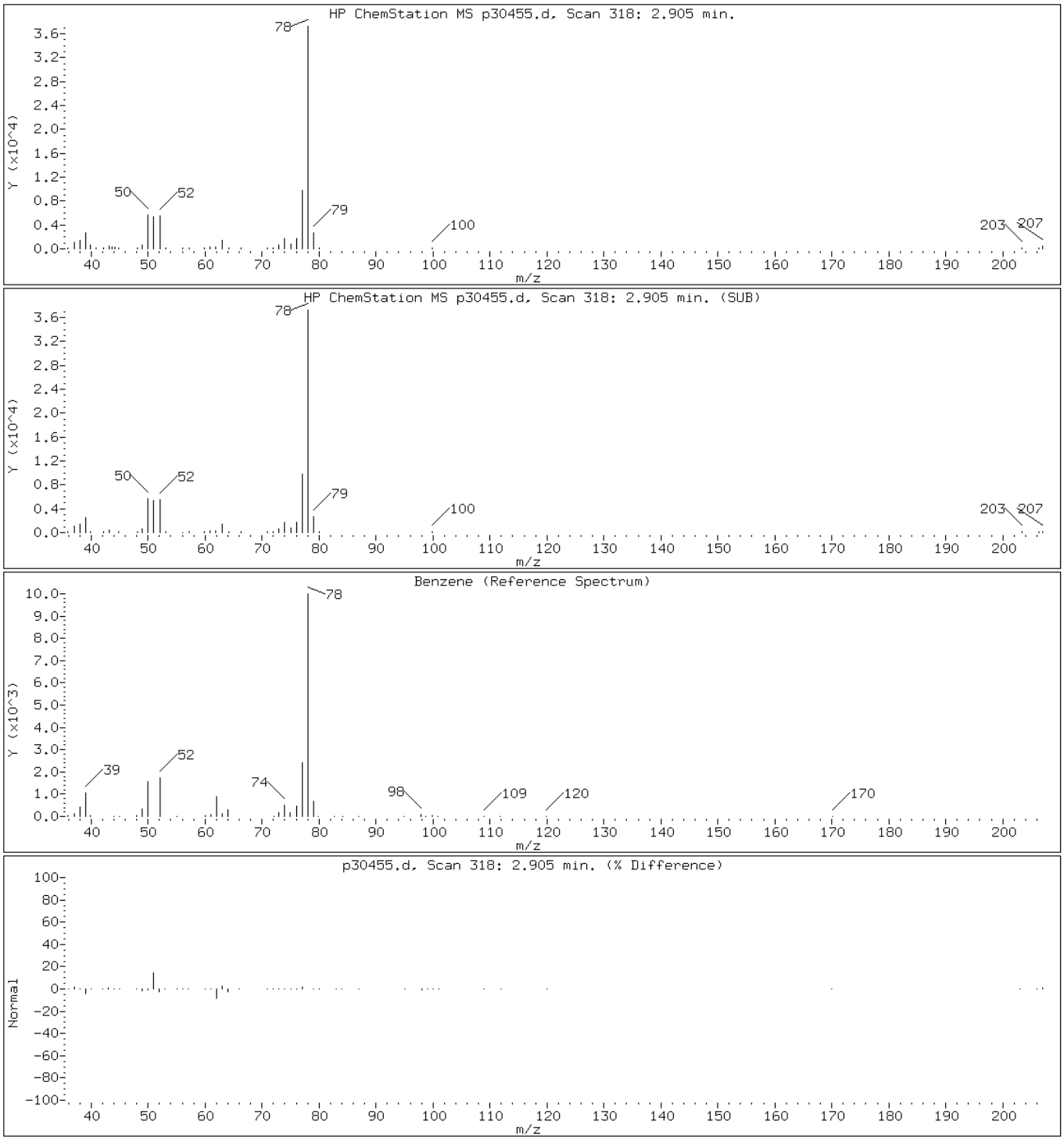
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

48 Benzene



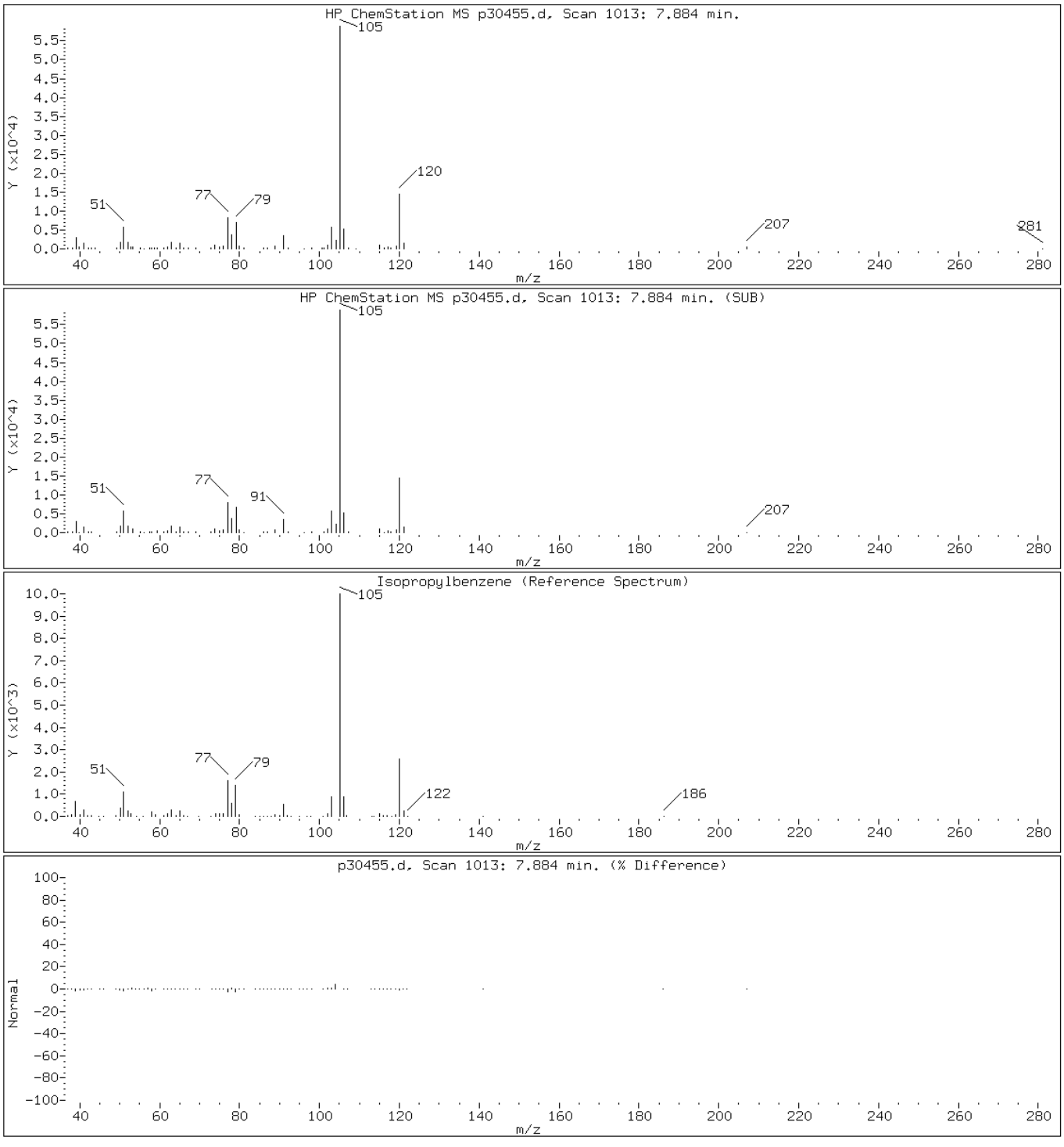
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

88 Isopropylbenzene



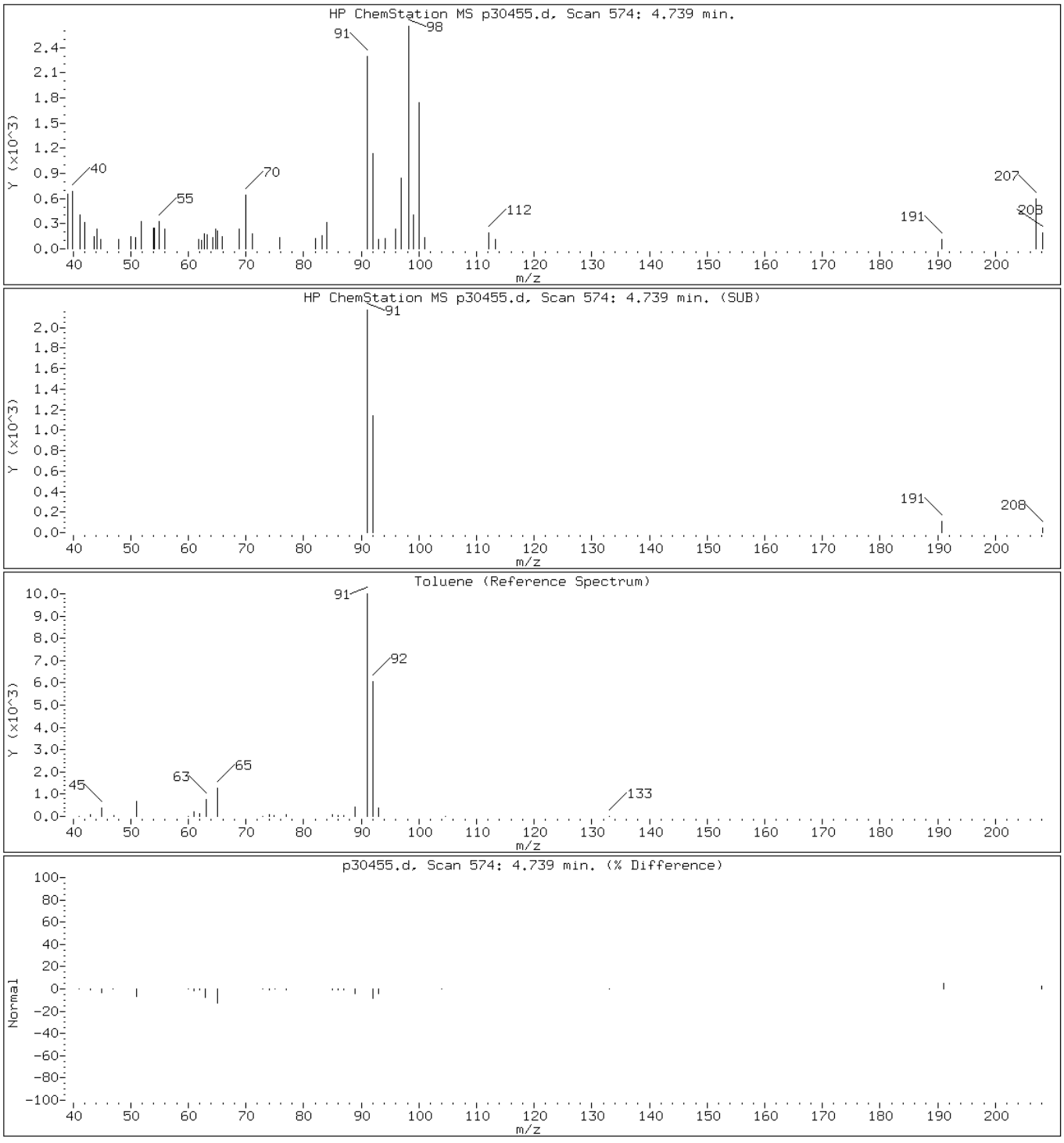
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

66 Toluene



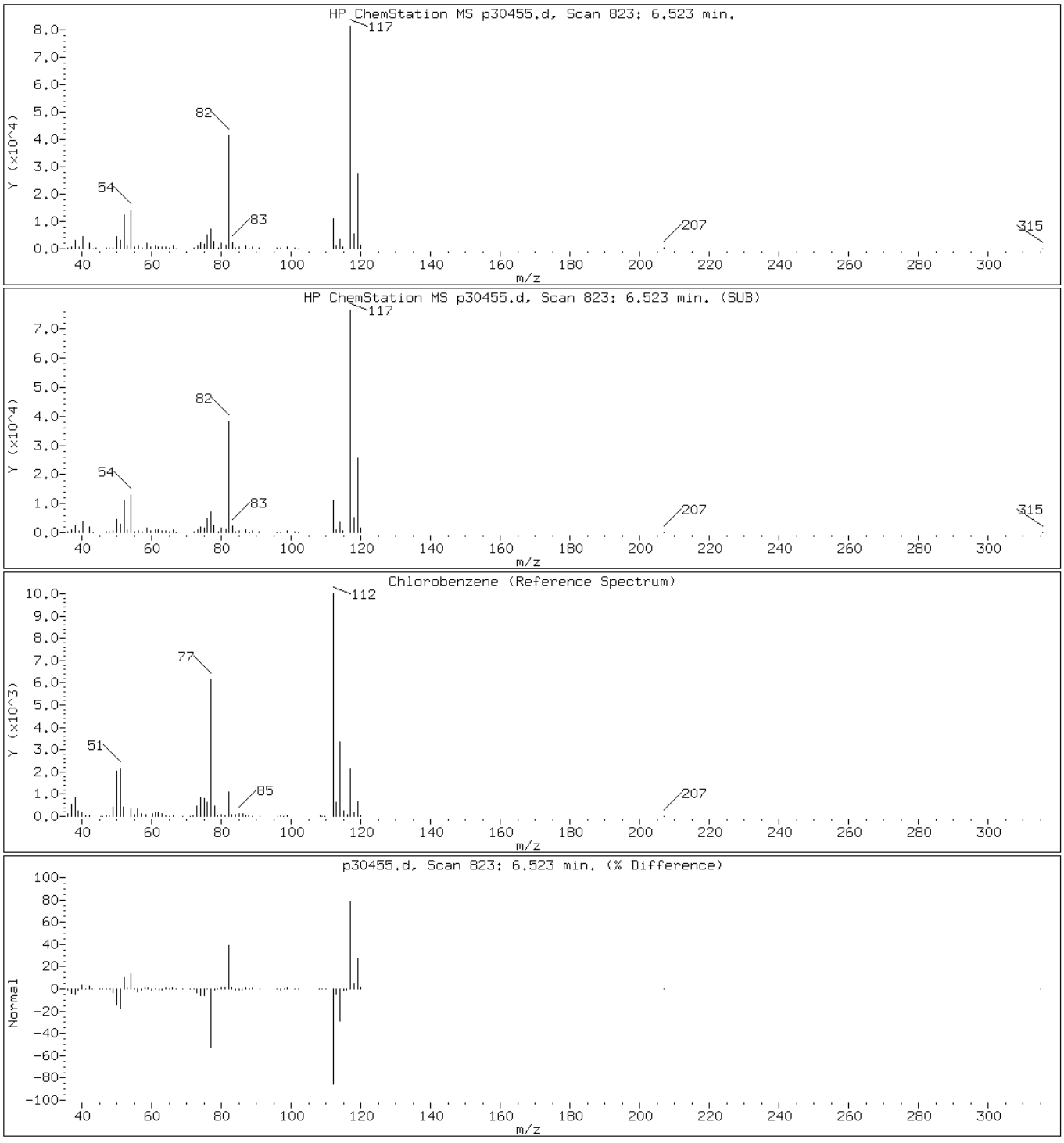
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

79 Chlorobenzene



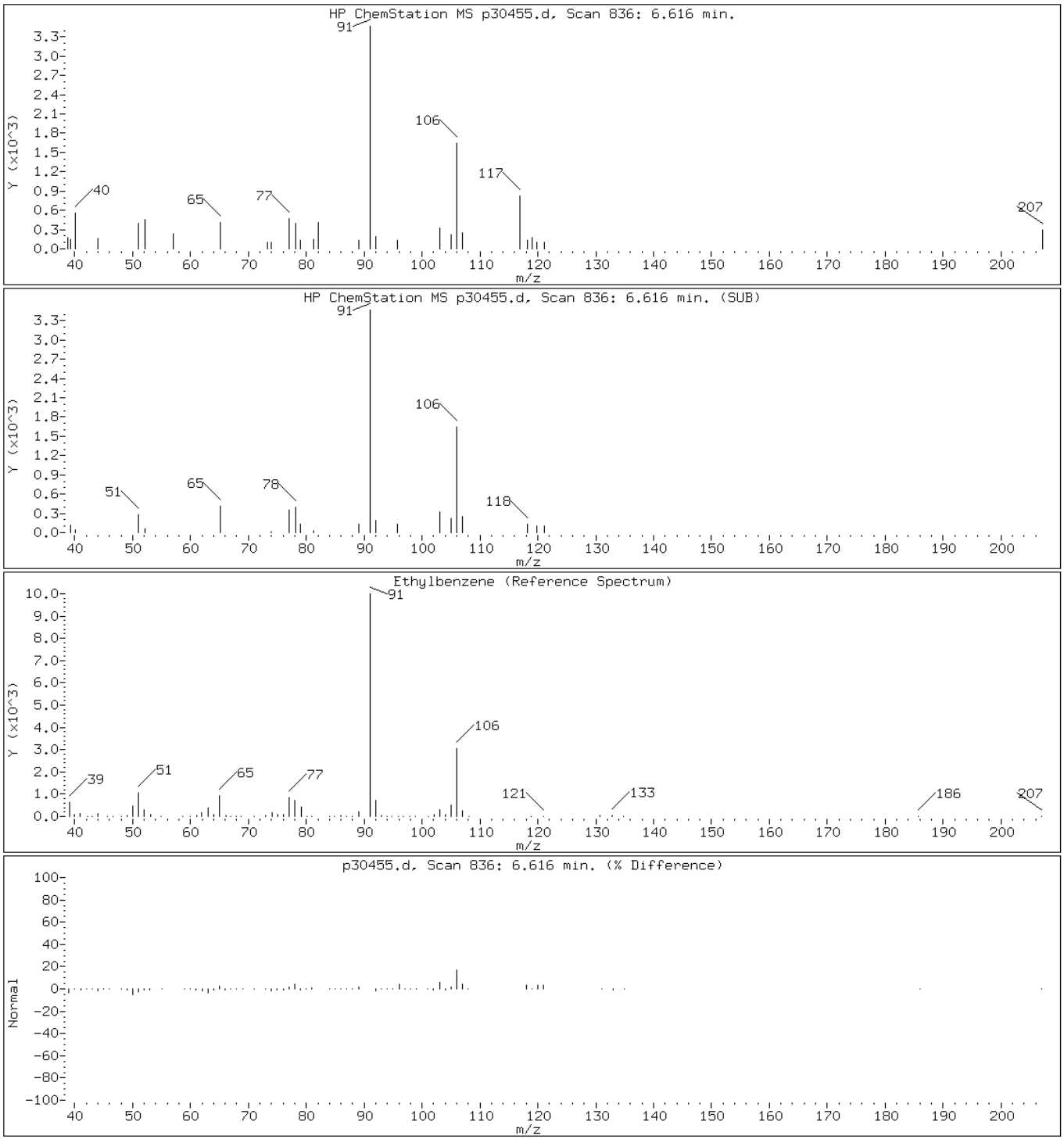
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

81 Ethylbenzene



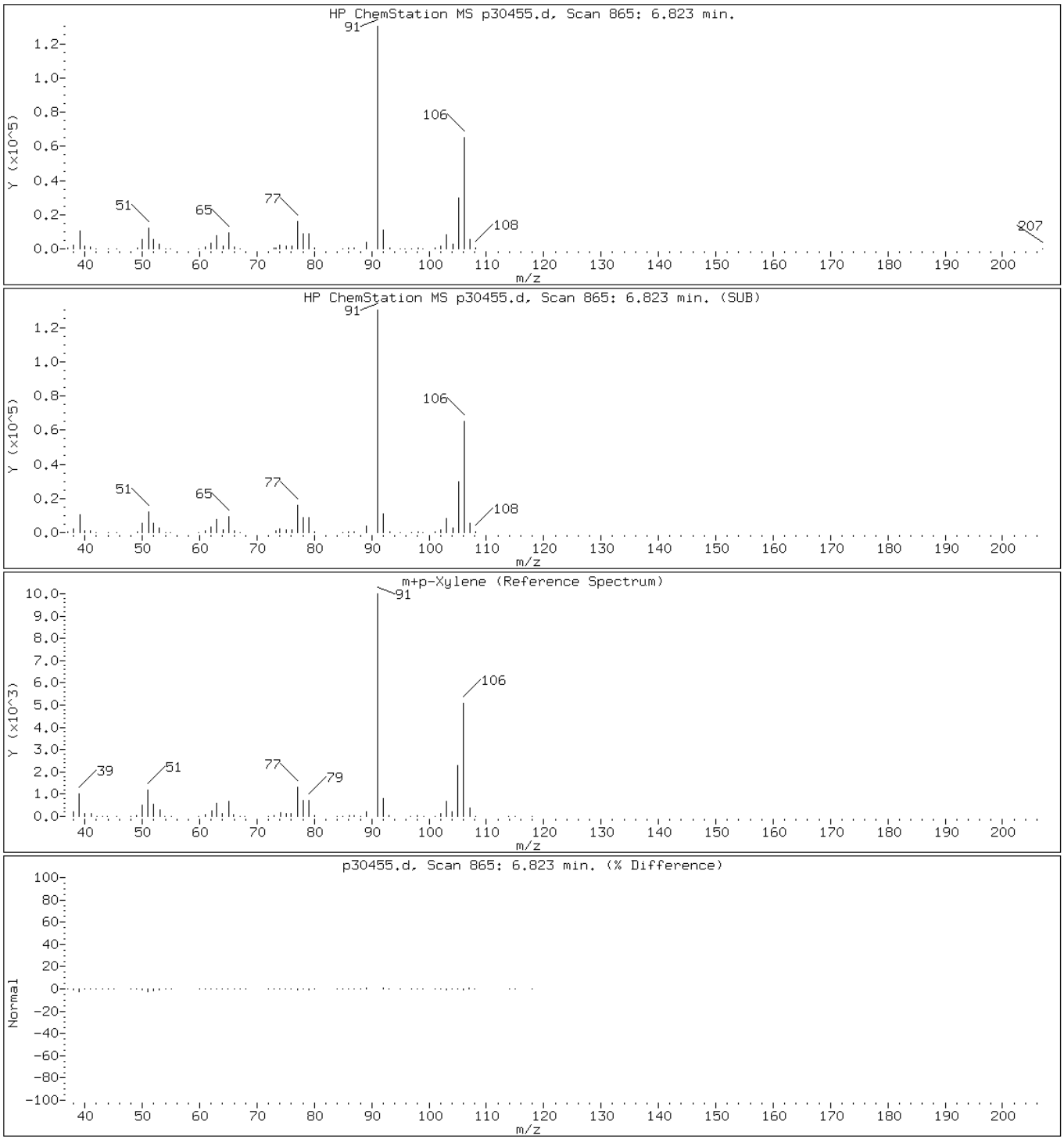
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

82 m+p-Xylene



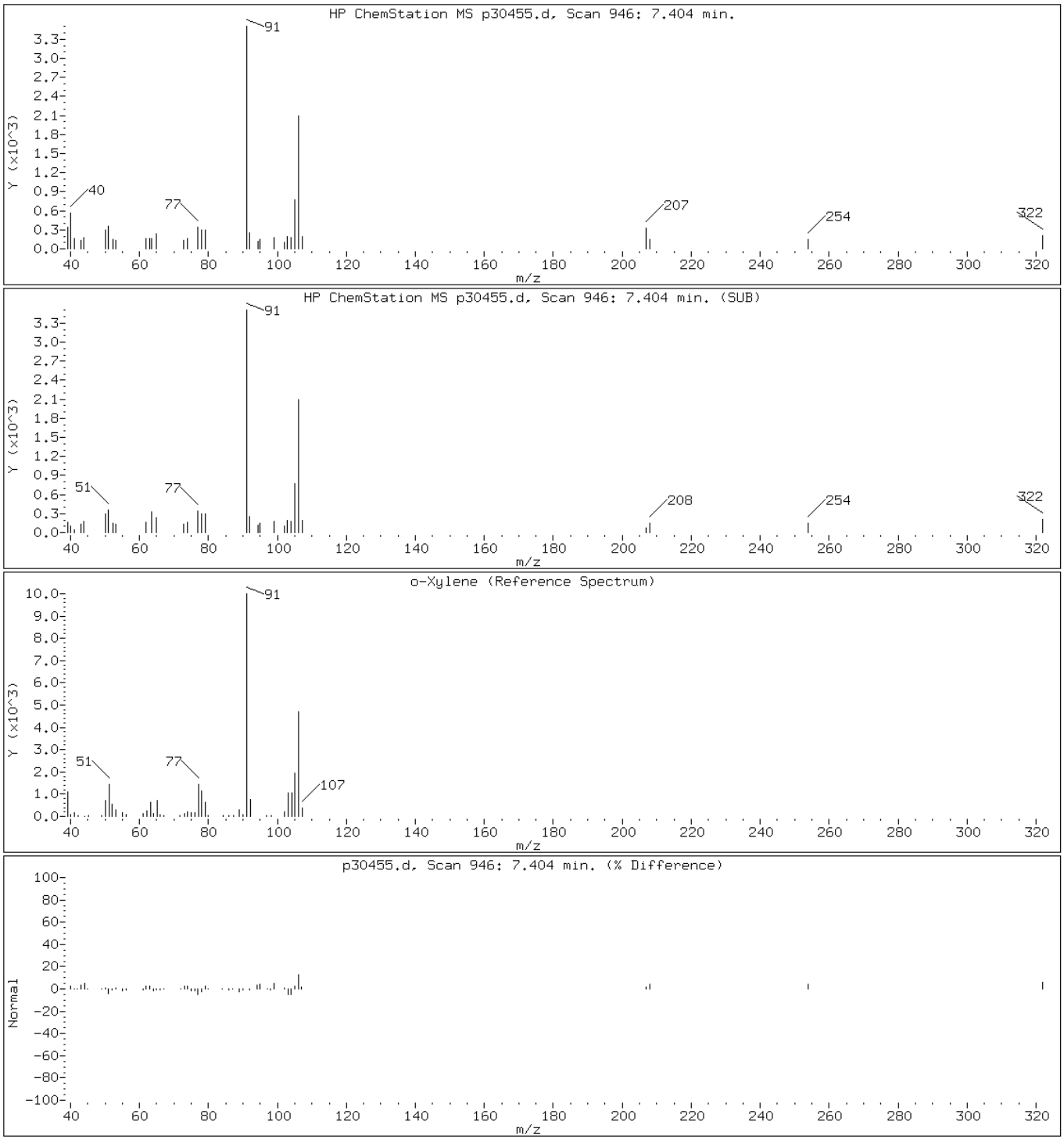
Data File: p30455.d

Date: 24-AUG-2009 14:50

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-5 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 Lab Sample ID: 460-4835-6

Matrix: Water Lab File ID: p30578.d

Analysis Method: 8260B Date Collected: 08/18/2009 11:40

Sample wt/vol: 5(mL) Date Analyzed: 08/27/2009 16:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	0.28	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	10		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	20		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	12		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	85		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 Lab Sample ID: 460-4835-6

Matrix: Water Lab File ID: p30578.d

Analysis Method: 8260B Date Collected: 08/18/2009 11:40

Sample wt/vol: 5(mL) Date Analyzed: 08/27/2009 16:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	270		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	0.51	J	1.0	0.16
100-41-4	Ethylbenzene	710	E	1.0	0.25
1330-20-7	Xylenes, Total	1800	E	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	0.27	J	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	75	56-125	
2037-26-5	Toluene-d8 (Surr)	102	72-127	
460-00-4	Bromofluorobenzene	105	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30578.d
Report Date: 31-Aug-2009 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30578.d
Lab Smp Id: 460-4835-B-6 Client Smp ID: GW-017338-081809-AC
Inj Date : 27-AUG-2009 16:28
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-B-6
Misc Info : 460-4835-B-6
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	1.733	1.738	(0.536)	3100	0.28378	0.28(a)
	32 DIPE	45	1.948	1.945	(0.603)	251773	22.6477	23
	44 Cyclohexane	56	2.449	2.447	(0.758)	62985	10.0415	10
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.013	(0.931)	92737	37.4553	37
	48 Benzene	78	2.908	2.905	(0.447)	165441	11.9675	12
*	52 Fluorobenzene	96	3.230	3.228	(1.000)	803975	50.0000	
	56 Methyl cyclohexane	83	3.337	3.335	(1.033)	119614	20.1758	20
$	65 Toluene-d8 (SUR)	98	4.691	4.689	(0.721)	357399	50.9907	51
	66 Toluene	91	4.741	4.739	(0.729)	4254991	272.720	270
*	78 Chlorobenzene-d5	117	6.503	6.501	(1.000)	585248	50.0000	
	79 Chlorobenzene	112	6.518	6.523	(1.002)	5043	0.51260	0.51(a)
	81 Ethylbenzene	106	6.618	6.609	(1.018)	3677897	710.662	710(A)
	82 m+p-Xylene	106	6.847	6.823	(1.053)	10091498	1566.18	1600(A)
	84 o-Xylene	106	7.399	7.396	(1.138)	1426890	233.333	230
	88 Isopropylbenzene	105	7.879	7.876	(1.211)	1316171	84.7648	85
$	89 Bromofluorobenzene (SUR)	174	8.244	8.242	(0.853)	187552	52.5444	52

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30578.d
Report Date: 31-Aug-2009 13:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	95 n-Propylbenzene	91	8.502	8.507	(0.879)	696817	37.6387	38
	97 1,3,5-Trimethylbenzene	105	8.831	8.829	(0.913)	33593	2.54355	2.5
	100 tert-Butylbenzene	119	9.204	9.202	(0.952)	3015	0.26332	0.26(a)
	101 1,2,4-Trimethylbenzene	105	9.297	9.295	(0.961)	136181	9.86917	9.9
	103 sec-Butylbenzene	105	9.412	9.409	(0.973)	14344	0.84987	0.85(a)
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.667	(1.000)	314063	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.681	(1.001)	2270	0.26937	0.27(a)
	106 n-Butylbenzene	91	10.028	10.025	(1.037)	12427	0.93855	0.94(a)
	116 Naphthalene	128	11.632	11.637	(1.203)	237689	17.1892	17
M	121 Xylene (Total)	100				11518388	1818.50	1800(A)

QC Flag Legend

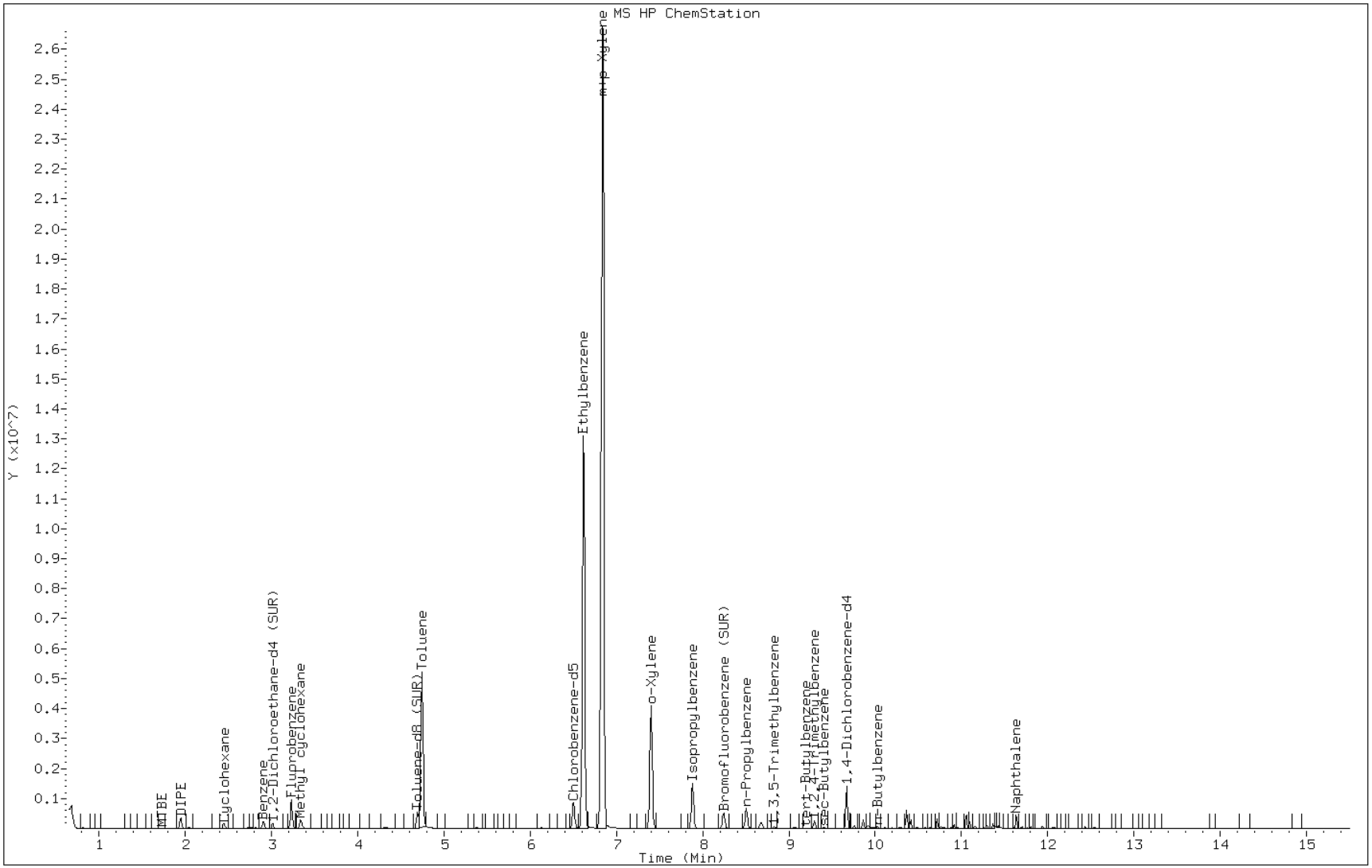
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:



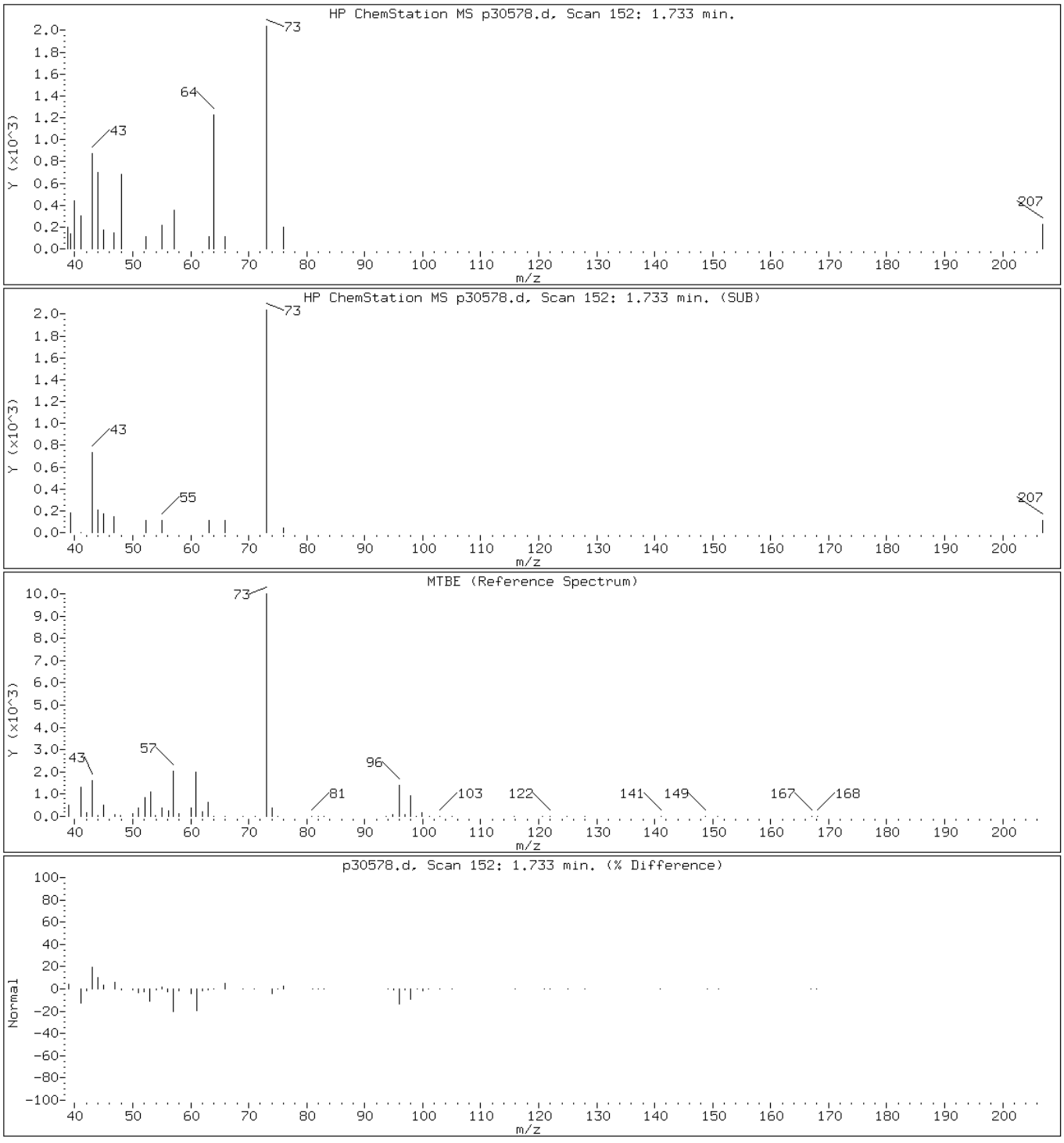
Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:

28 MTBE



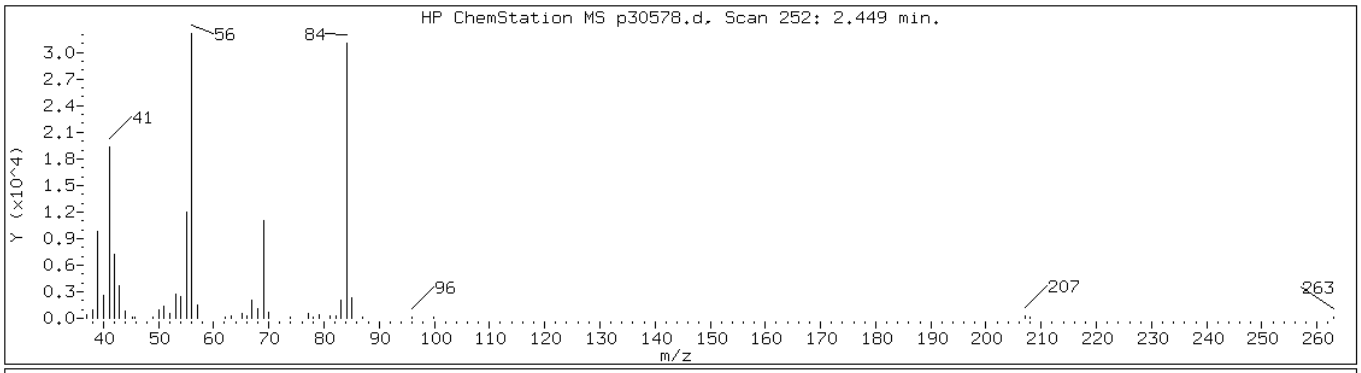
Data File: p30578.d

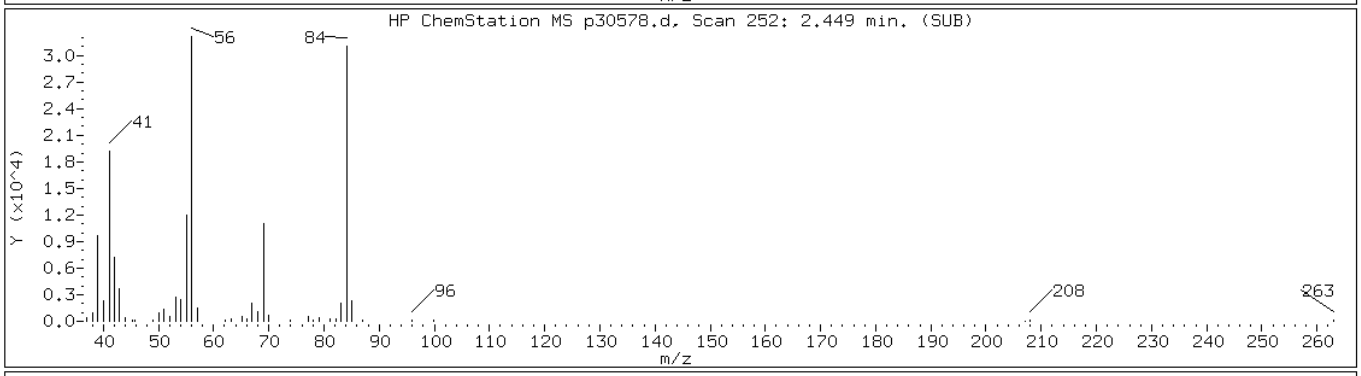
Date: 27-AUG-2009 16:28

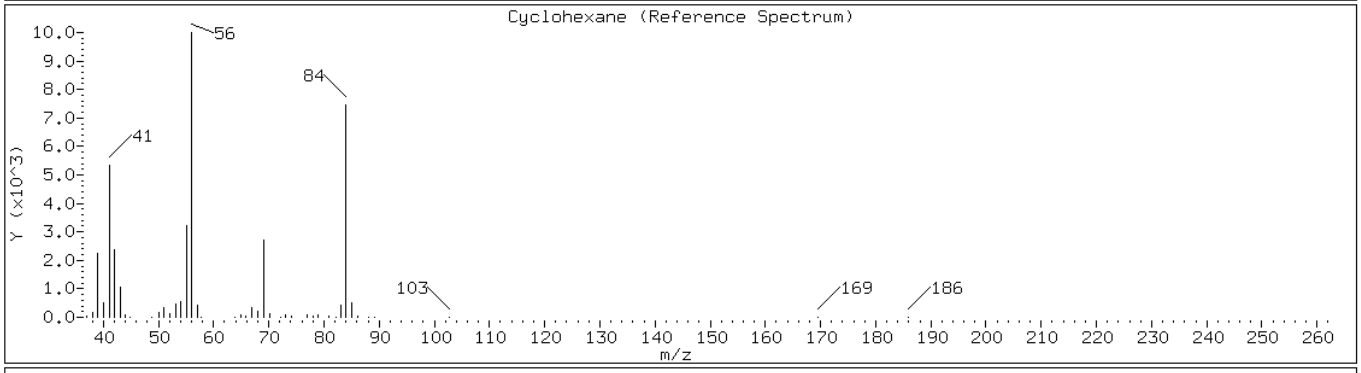
Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

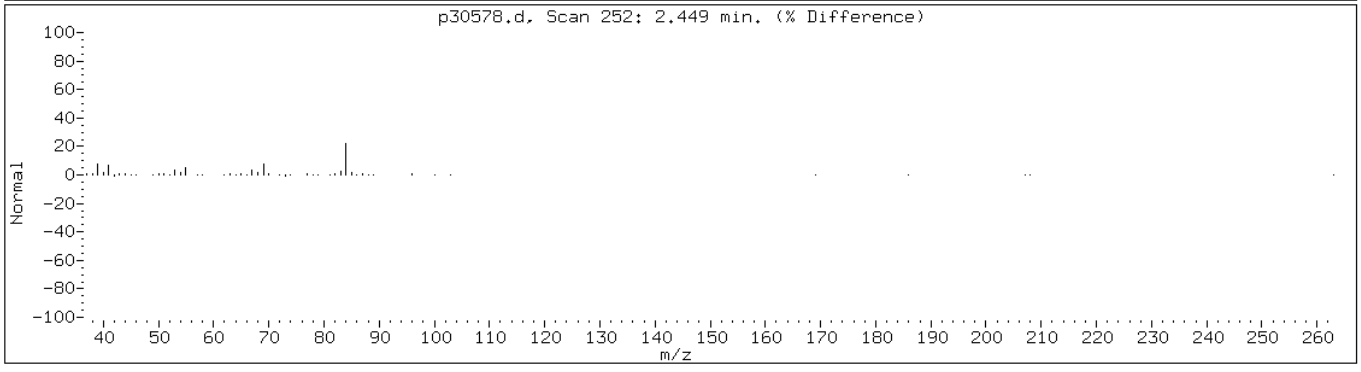
Sample Info: 460-4835-B-6 Operator:

44 Cyclohexane









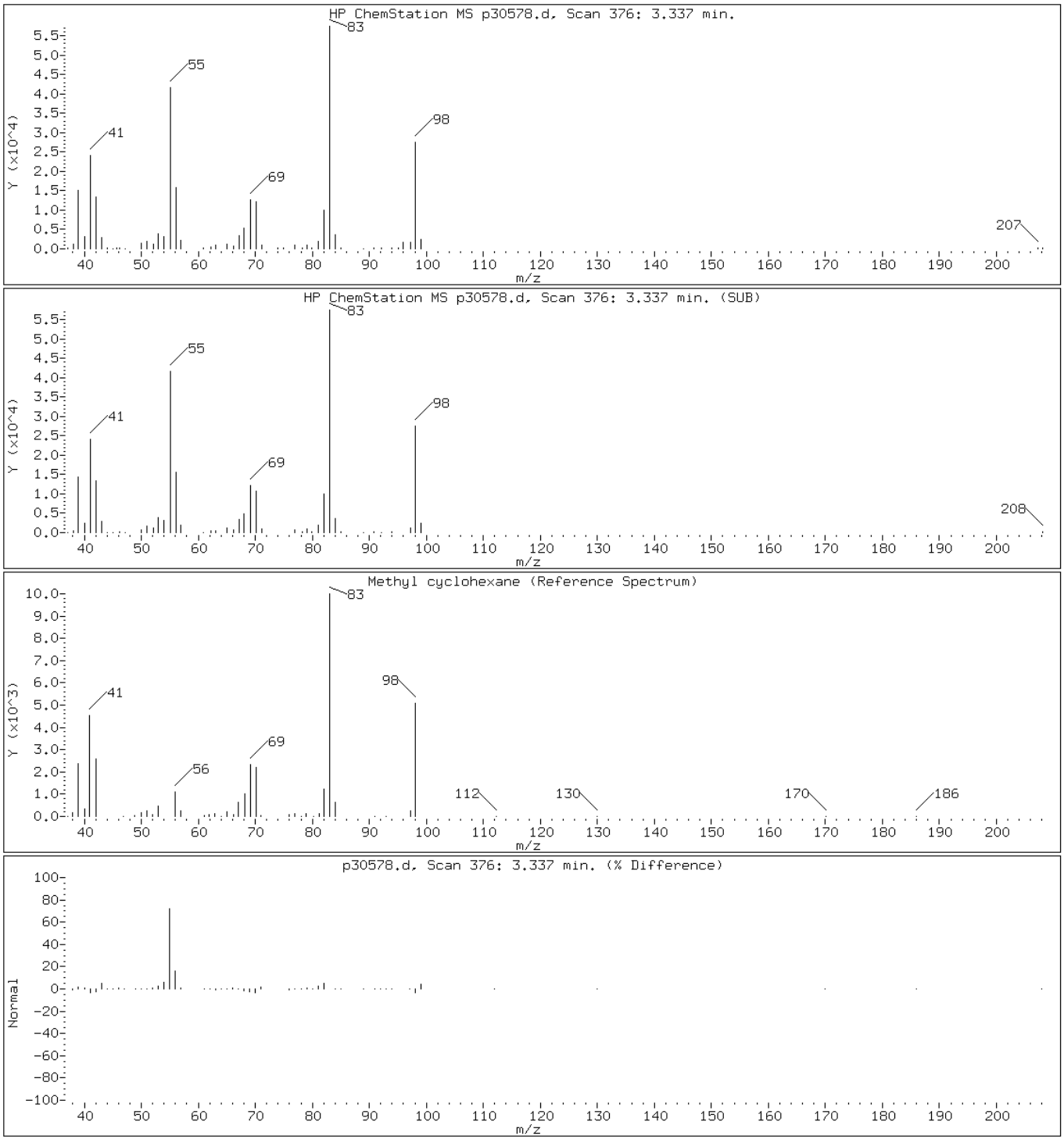
Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:

56 Methyl cyclohexane



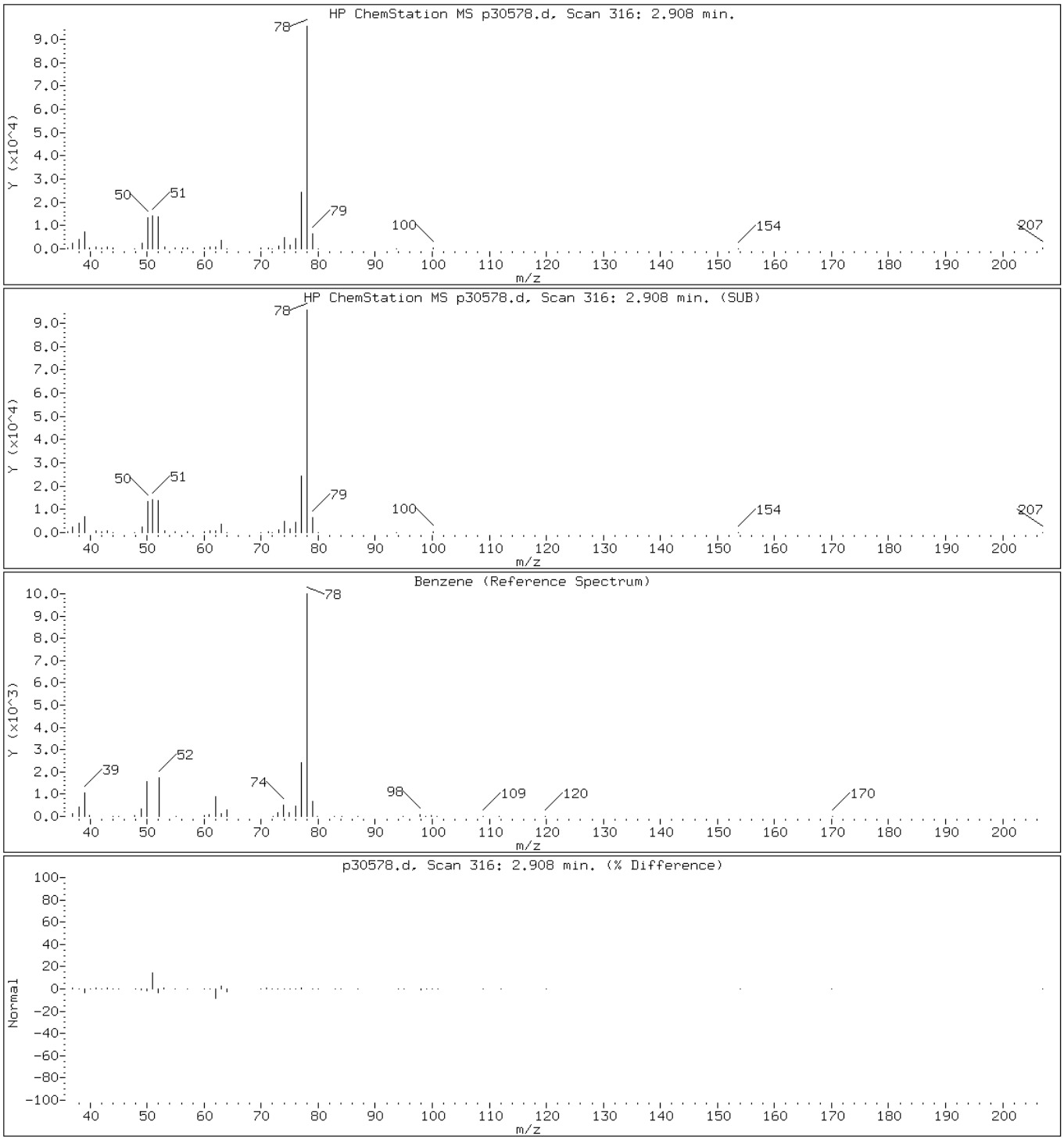
Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:

48 Benzene



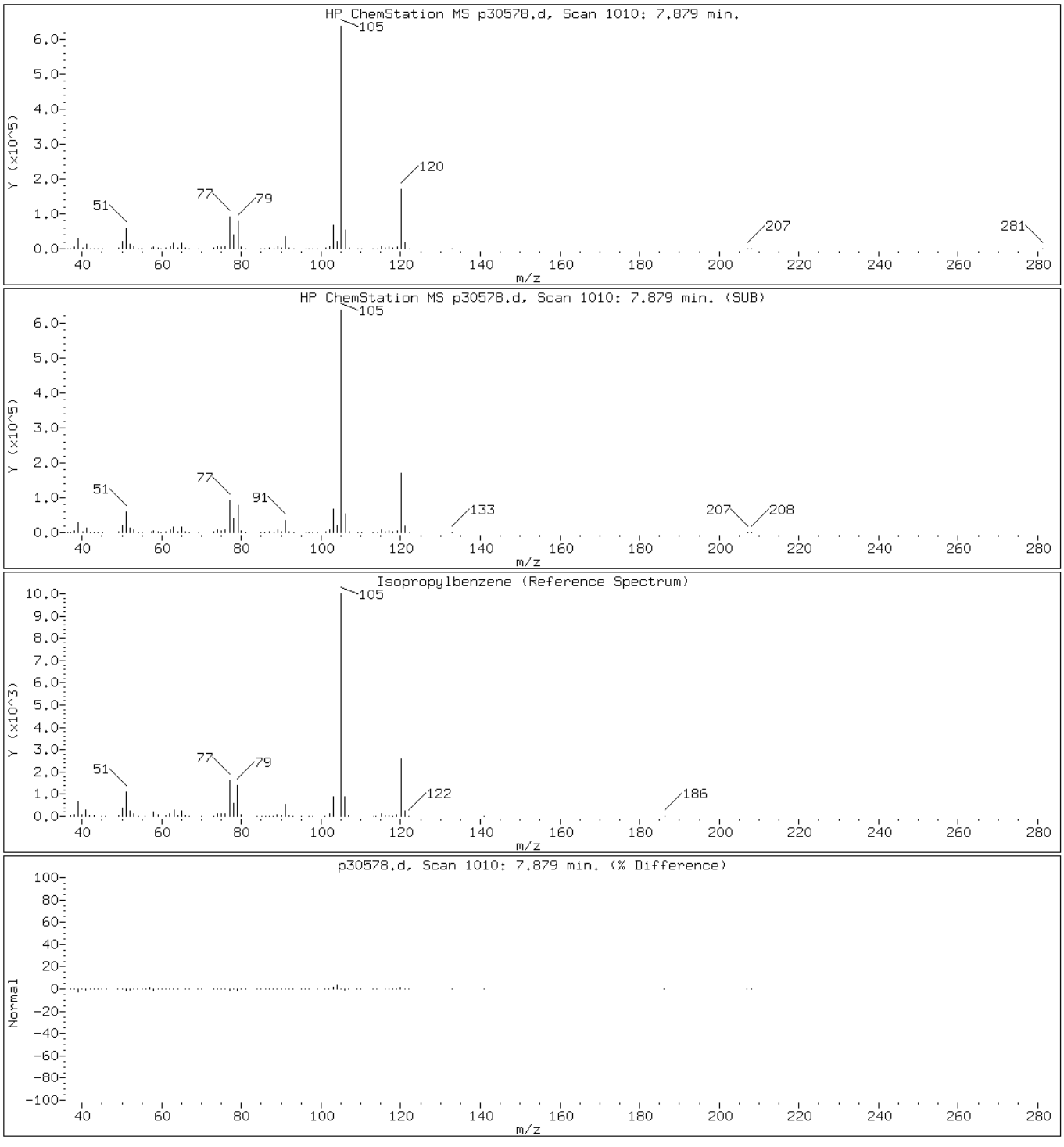
Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:

88 Isopropylbenzene



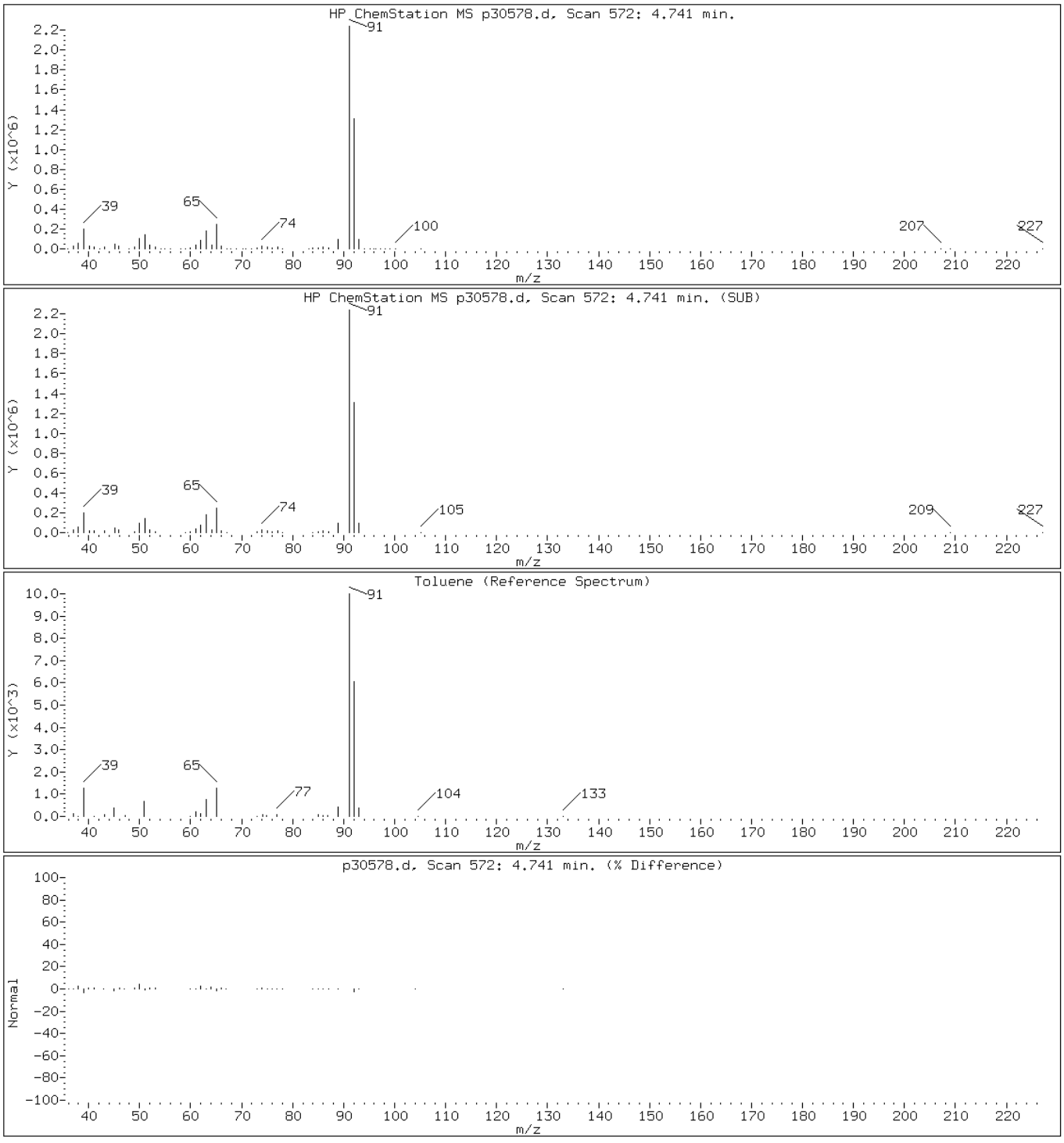
Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:

66 Toluene



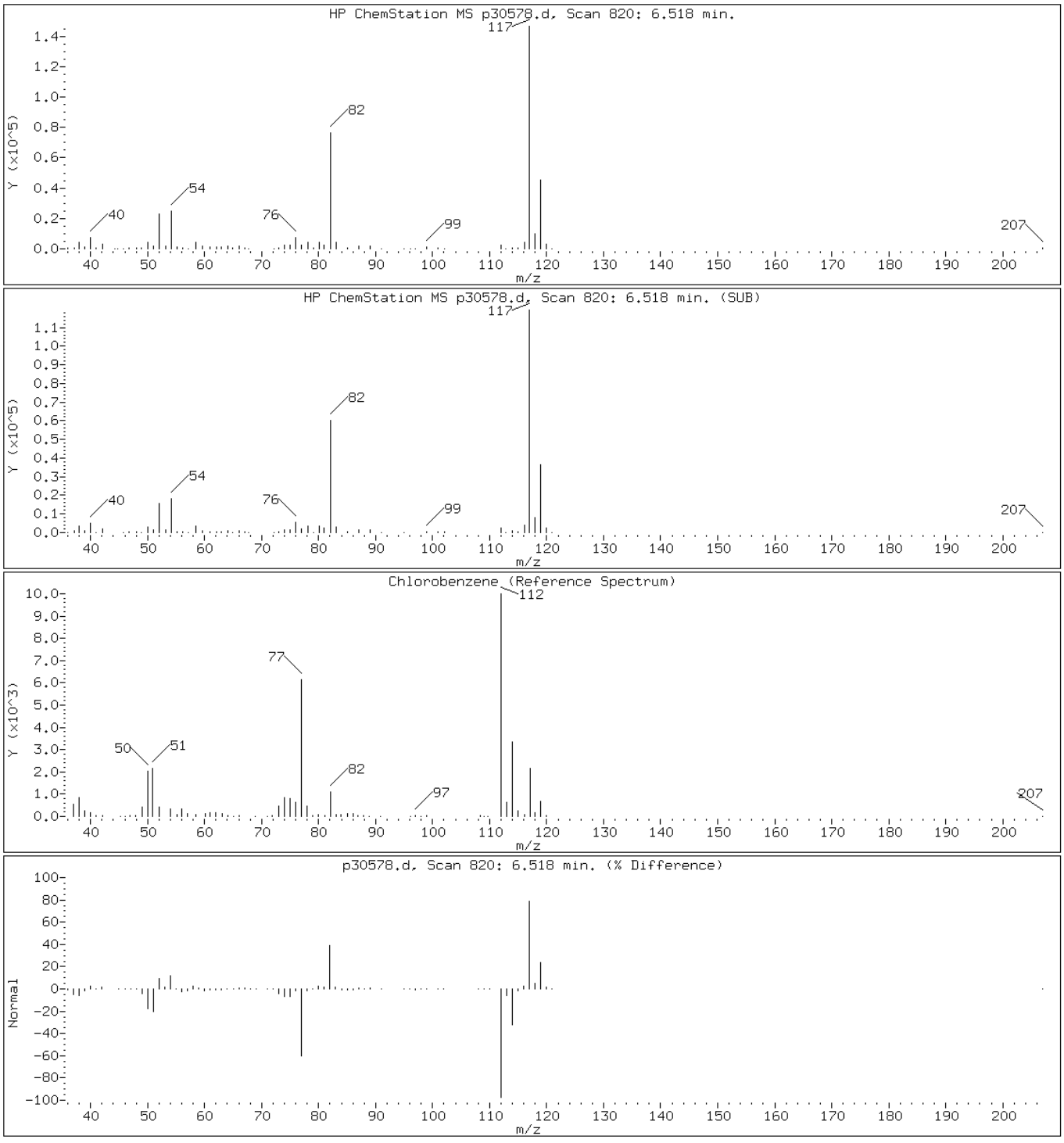
Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:

79 Chlorobenzene



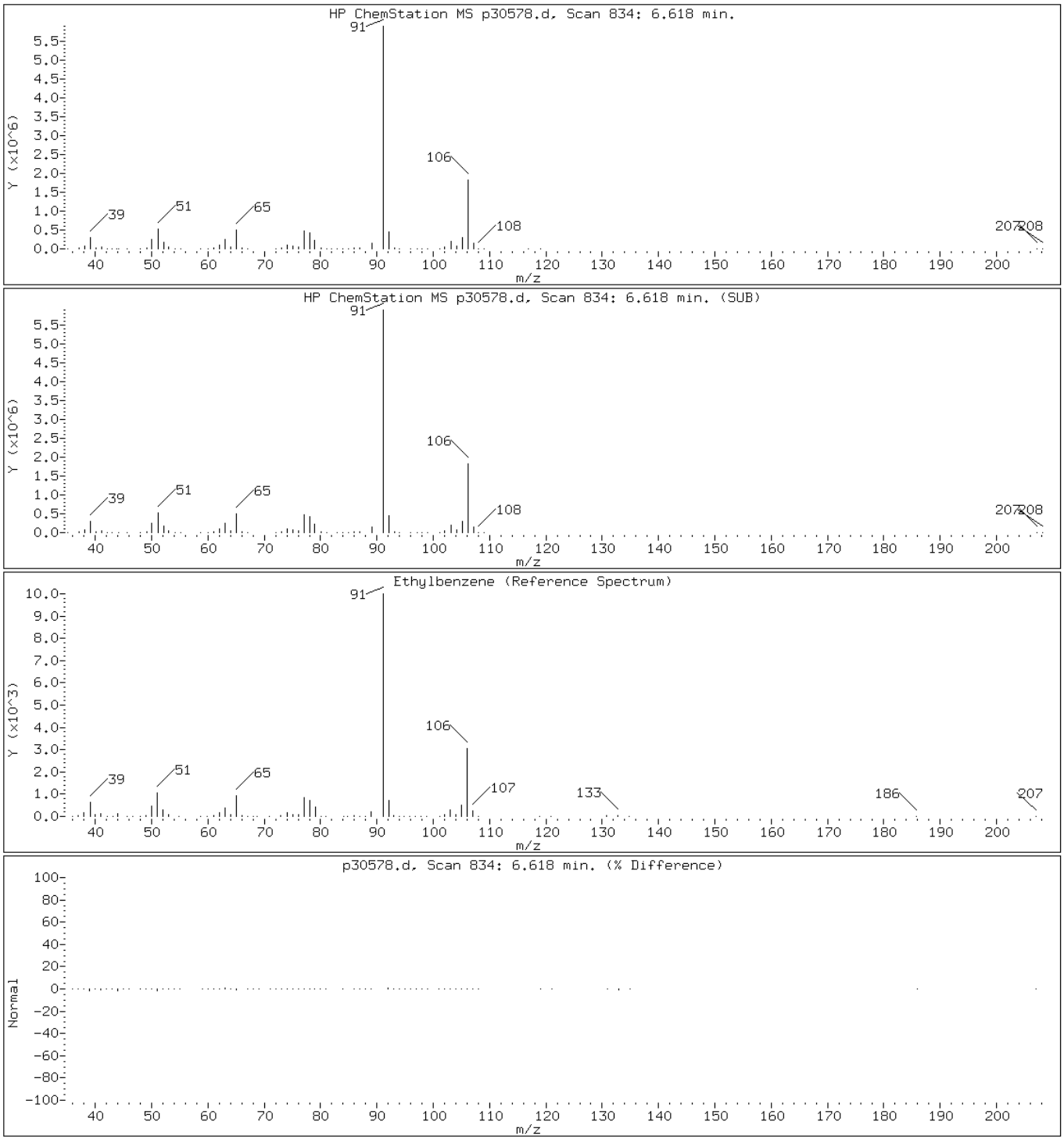
Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:

81 Ethylbenzene



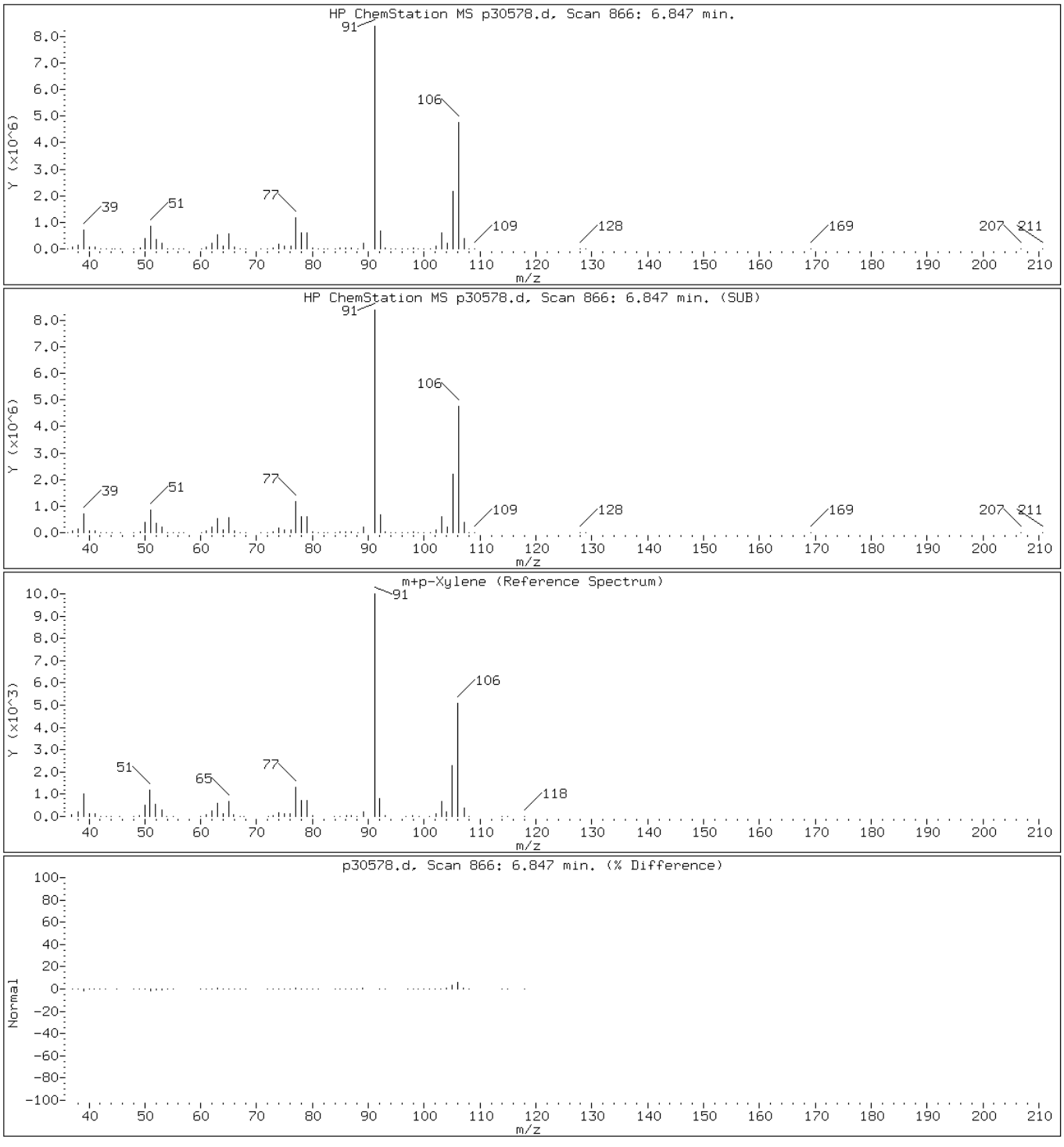
Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:

82 m+p-Xylene



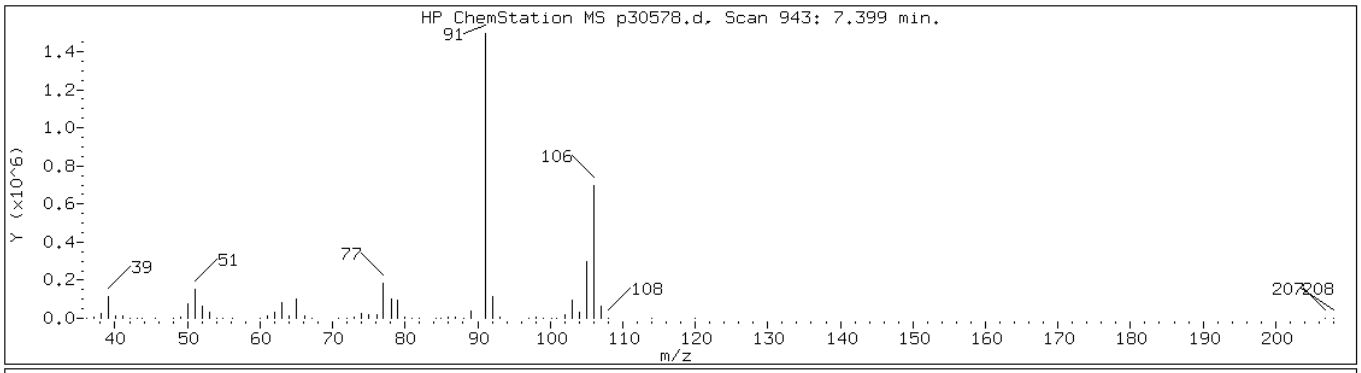
Data File: p30578.d

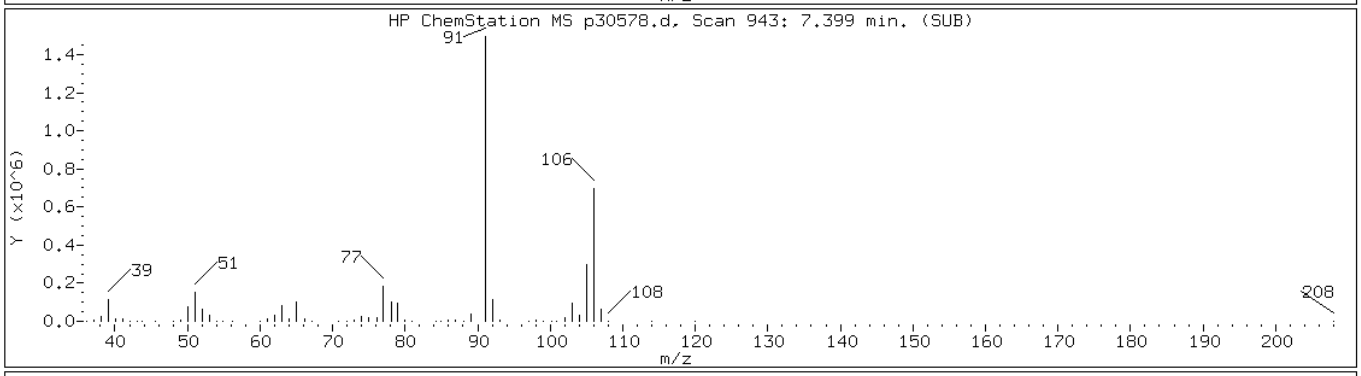
Date: 27-AUG-2009 16:28

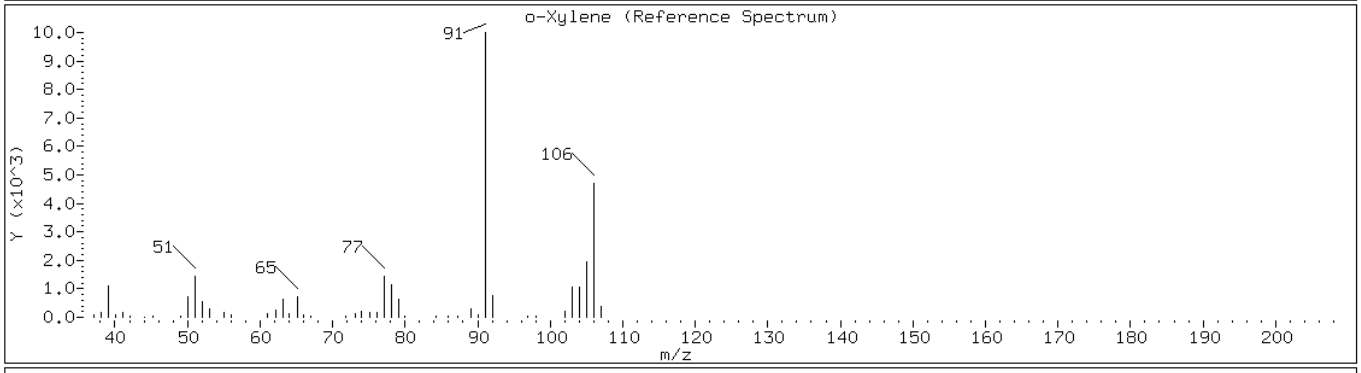
Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

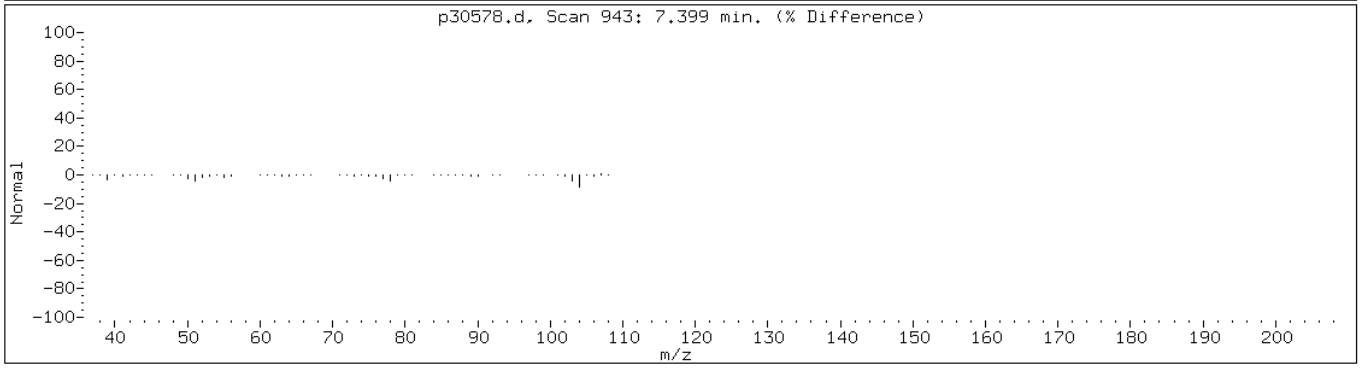
Sample Info: 460-4835-B-6 Operator:

84 o-Xylene









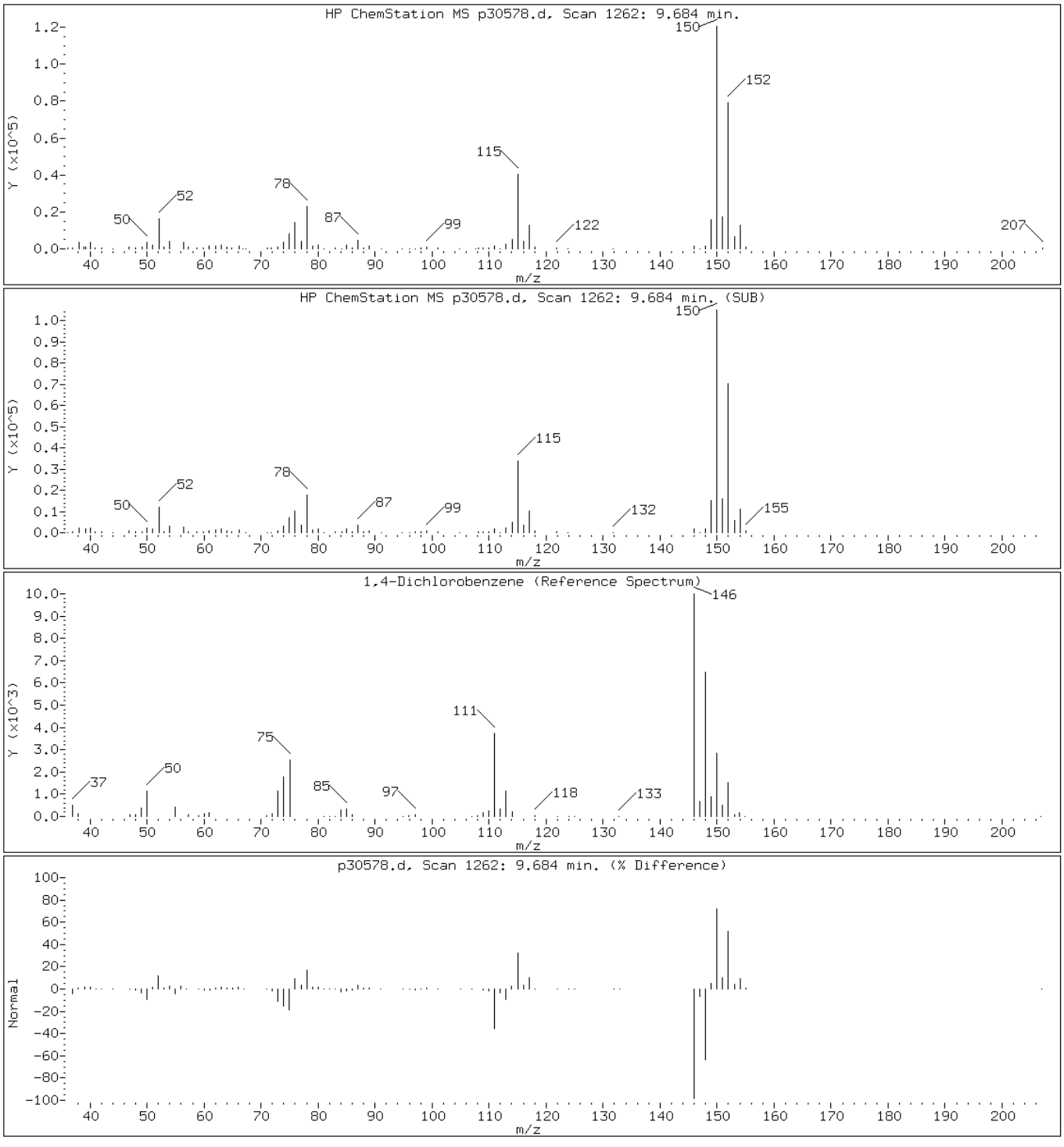
Data File: p30578.d

Date: 27-AUG-2009 16:28

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-6 Operator:

109 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 Lab Sample ID: 460-4835-6 DL

Matrix: Water Lab File ID: p30418.d

Analysis Method: 8260B Date Collected: 08/18/2009 11:40

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 10:47

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	490		5.0	1.2
1330-20-7	Xylenes, Total	1300		15	2.2

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100	56-125	
2037-26-5	Toluene-d8 (Surr)	98	72-127	
460-00-4	Bromofluorobenzene	113	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30418.d
Report Date: 21-Aug-2009 12:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30418.d
Lab Smp Id: 460-4835-C-6 Client Smp ID: GW-017338-081809-AC
Inj Date : 21-AUG-2009 10:47
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-C-6;5
Misc Info : 460-4835-C-6
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 7
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	32 DIPE	45	1.945	1.953	(0.601)	48471	3.93925	20
	44 Cyclohexane	56	2.454	2.447	(0.759)	7391	1.20813	6.0
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	97981	50.1494	50
	48 Benzene	78	2.905	2.905	(0.447)	27924	1.74129	8.7
*	52 Fluorobenzene	96	3.235	3.228	(1.000)	804158	50.0000	
	56 Methyl cyclohexane	83	3.342	3.342	(1.033)	15581	2.74989	14
$	65 Toluene-d8 (SUR)	98	4.696	4.689	(0.722)	367954	48.8159	49
	66 Toluene	91	4.746	4.746	(0.730)	664848	41.1441	200
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	610241	50.0000	
	81 Ethylbenzene	106	6.616	6.616	(1.018)	559212	98.4087	490
	82 m+p-Xylene	106	6.823	6.823	(1.050)	1559896	218.533	1100
	84 o-Xylene	106	7.397	7.396	(1.138)	233923	34.3996	170
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	192891	11.6933	58
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	256142	56.5513	56
	95 n-Propylbenzene	91	8.507	8.507	(0.880)	103331	5.00565	25
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	5576	0.39116	2.0(a)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30418.d
Report Date: 21-Aug-2009 12:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	21442	1.43156	7.2
* 108 1,4-Dichlorobenzene-d4	152	9.667	9.674	(1.000)	325127	50.0000	
116 Naphthalene	128	11.637	11.637	(1.204)	11256	0.78388	3.9(a)
M 121 Xylene (Total)	100				1793819	255.333	1300

QC Flag Legend

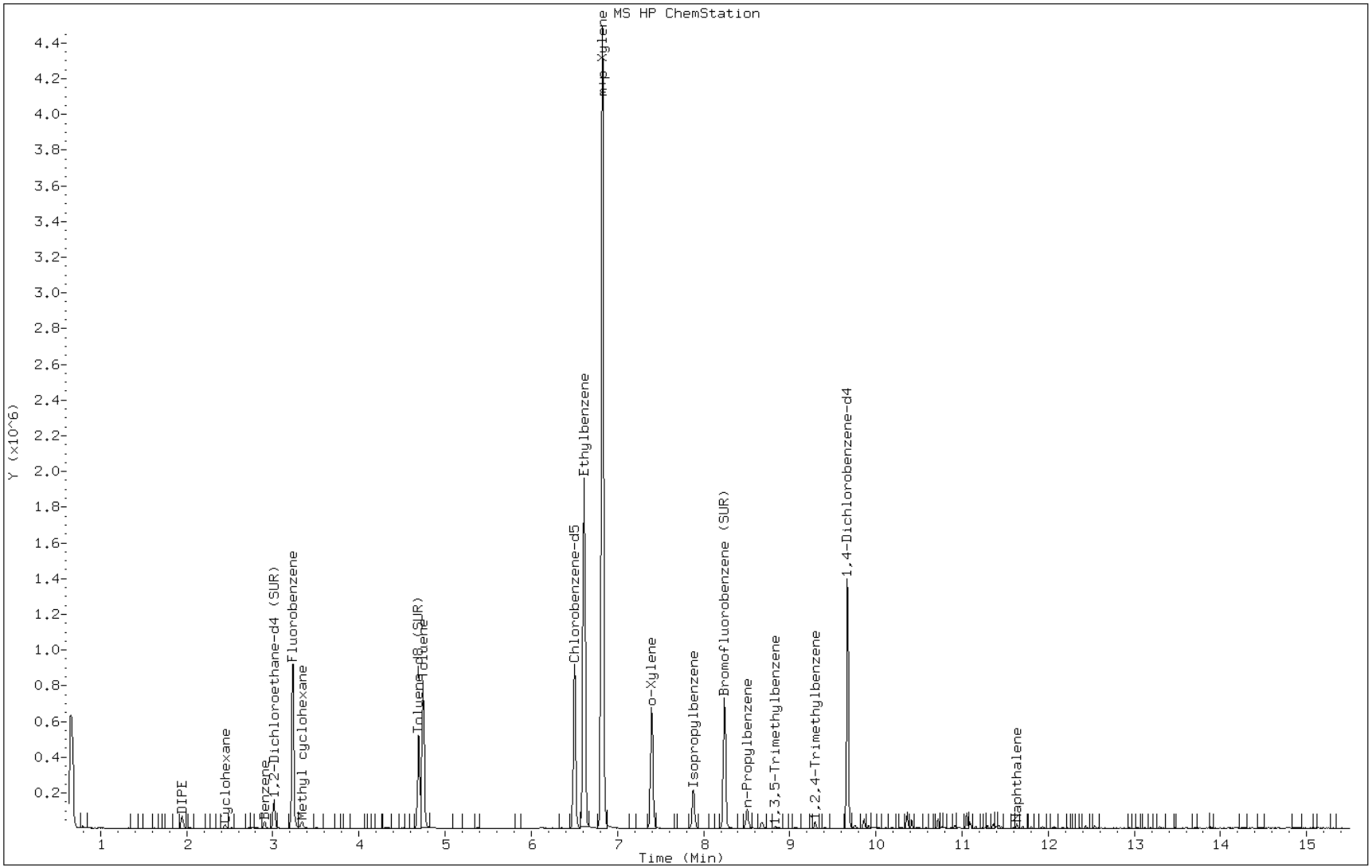
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30418.d

Date: 21-AUG-2009 10:47

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-6;5 Operator:



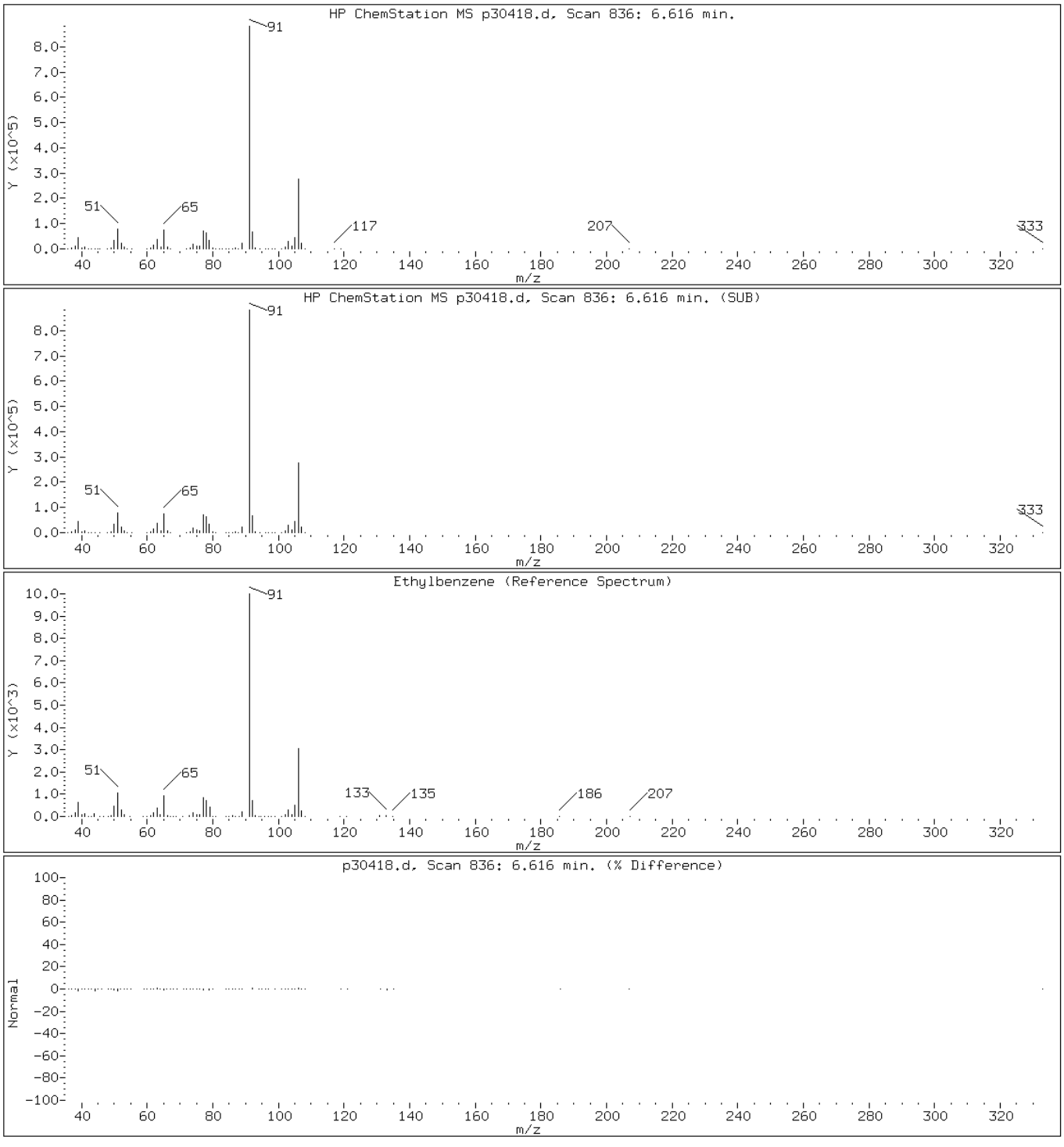
Data File: p30418.d

Date: 21-AUG-2009 10:47

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-6;5 Operator:

81 Ethylbenzene



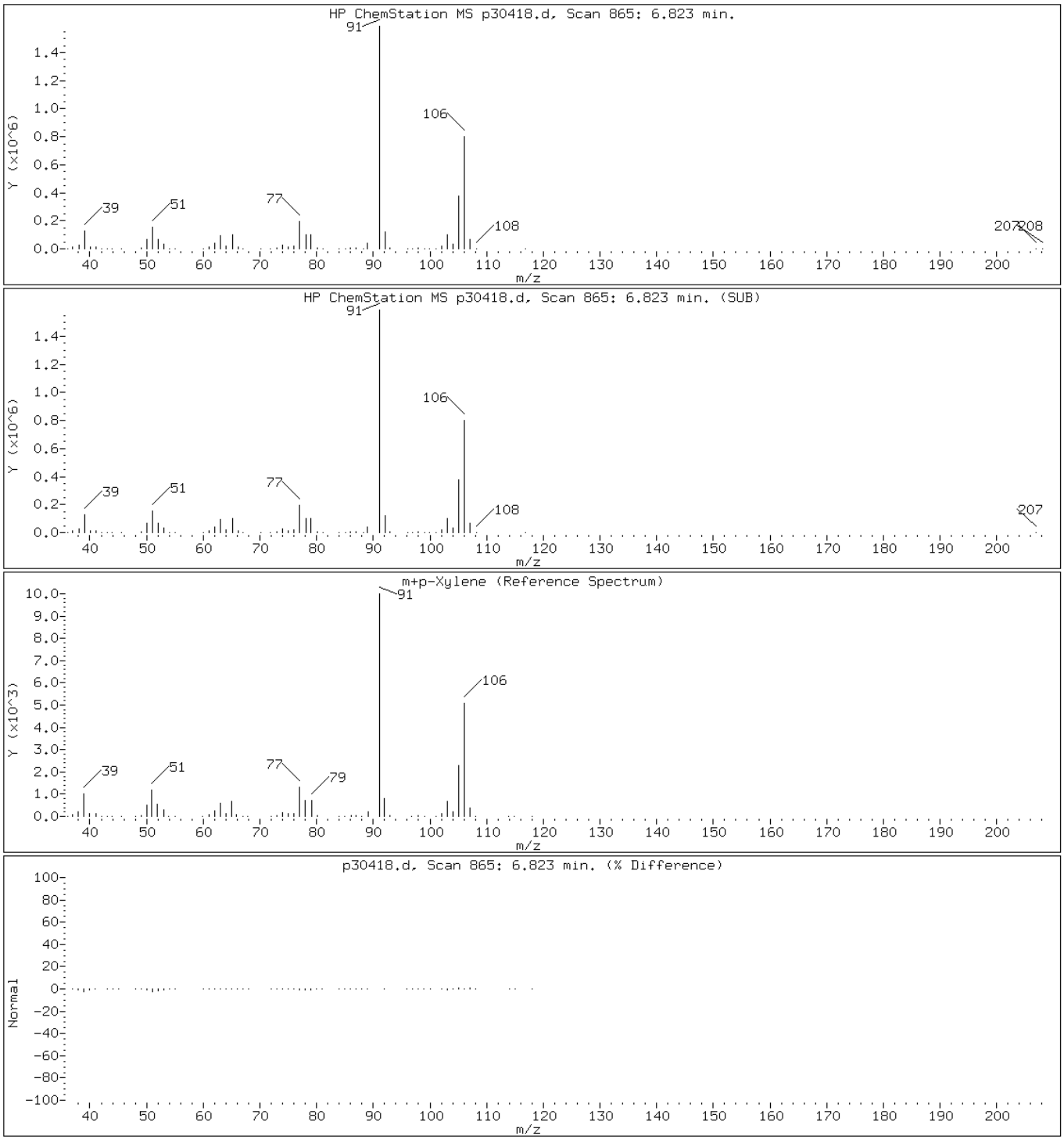
Data File: p30418.d

Date: 21-AUG-2009 10:47

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-6;5 Operator:

82 m+p-Xylene



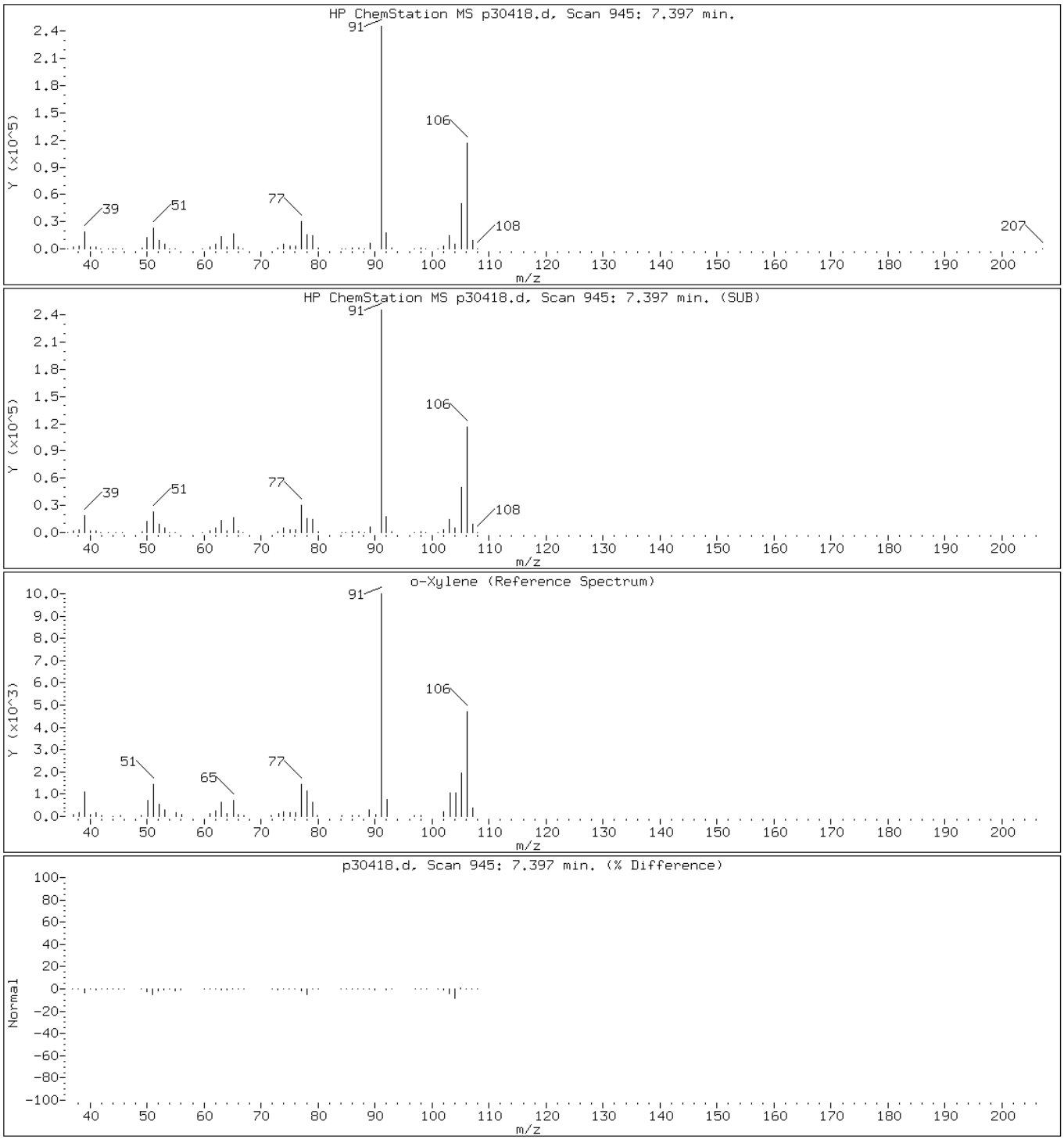
Data File: p30418.d

Date: 21-AUG-2009 10:47

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-6;5 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-07 Lab Sample ID: 460-4835-7

Matrix: Water Lab File ID: p30580.d

Analysis Method: 8260B Date Collected: 08/18/2009 13:40

Sample wt/vol: 5(mL) Date Analyzed: 08/27/2009 17:18

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2.0	U	2.0	0.58
74-87-3	Chloromethane	2.0	U	2.0	0.42
74-83-9	Bromomethane	2.0	U	2.0	0.62
75-01-4	Vinyl chloride	2.0	U	2.0	0.26
75-00-3	Chloroethane	2.0	U	2.0	0.90
75-69-4	Trichlorofluoromethane	2.0	U	2.0	0.32
76-13-1	Freon TF	2.0	U	2.0	0.56
75-09-2	Methylene Chloride	2.0	U	2.0	0.38
67-64-1	Acetone	20	U	20	5.0
75-15-0	Carbon disulfide	2.0	U	2.0	0.30
79-20-9	Methyl acetate	4.0	U	4.0	0.66
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.28
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.20
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.40
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.28
1634-04-4	MTBE	2.0	U	2.0	0.36
67-66-3	Chloroform	2.0	U	2.0	0.30
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.48
78-93-3	2-Butanone	20	U	20	1.6
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.50
110-82-7	Cyclohexane	3.7		2.0	0.26
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.38
75-27-4	Bromodichloromethane	2.0	U	2.0	0.19
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.18
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.22
79-01-6	Trichloroethene	2.0	U	2.0	0.36
108-87-2	Methylcyclohexane	11		2.0	0.18
124-48-1	Dibromochloromethane	2.0	U	2.0	0.22
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.20
71-43-2	Benzene	3.0		2.0	0.26
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.24
75-25-2	Bromoform	2.0	U	2.0	0.20
98-82-8	Isopropylbenzene	93		2.0	0.42
108-10-1	4-Methyl-2-pentanone	20	U	20	1.4
591-78-6	2-Hexanone	20	U	20	1.1
127-18-4	Tetrachloroethene	2.0	U	2.0	0.40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-07 Lab Sample ID: 460-4835-7

Matrix: Water Lab File ID: p30580.d

Analysis Method: 8260B Date Collected: 08/18/2009 13:40

Sample wt/vol: 5(mL) Date Analyzed: 08/27/2009 17:18

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	2500	E	2.0	0.18
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.18
108-90-7	Chlorobenzene	2.0	U	2.0	0.32
100-41-4	Ethylbenzene	1100	E	2.0	0.50
1330-20-7	Xylenes, Total	2200		6.0	0.86
100-42-5	Styrene	2.0	U	2.0	0.26
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.30
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	0.44
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	0.30
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	0.32
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.88
106-93-4	1,2-Dibromoethane	2.0	U	2.0	0.18

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92	56-125	
2037-26-5	Toluene-d8 (Surr)	96	72-127	
460-00-4	Bromofluorobenzene	102	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30580.d
Report Date: 31-Aug-2009 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30580.d
Lab Smp Id: 460-4835-B-7 Client Smp ID: GW-017338-081809-AC
Inj Date : 27-AUG-2009 17:18
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-B-7;2
Misc Info : 460-4835-B-7
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 19
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	32 DIPE	45	1.948	1.945	(0.603)	4035	0.33717	0.67(aH)
	44 Cyclohexane	56	2.442	2.447	(0.756)	12323	1.82502	3.6
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.013	(0.931)	122711	46.0398	46
	48 Benzene	78	2.908	2.905	(0.447)	23375	1.48825	3.0
	51 n-Heptane	57	2.893	2.898	(0.896)	1868	0.82017	1.6(a)
*	52 Fluorobenzene	96	3.230	3.228	(1.000)	865471	50.0000	
	56 Methyl cyclohexane	83	3.337	3.335	(1.033)	35688	5.59191	11
$	65 Toluene-d8 (SUR)	98	4.698	4.689	(0.722)	382546	48.0381	48
	66 Toluene	91	4.748	4.739	(0.730)	22446300	1266.27	2500(A)
*	78 Chlorobenzene-d5	117	6.503	6.501	(1.000)	664930	50.0000	
	81 Ethylbenzene	106	6.618	6.609	(1.018)	3203539	544.825	1100(A)
	82 m+p-Xylene	106	6.833	6.823	(1.051)	5835794	797.166	1600
	84 o-Xylene	106	7.399	7.396	(1.138)	1910235	274.939	550
	88 Isopropylbenzene	105	7.879	7.876	(1.211)	818769	46.4118	93
$	89 Bromofluorobenzene (SUR)	174	8.244	8.242	(0.853)	202674	50.9466	51
	95 n-Propylbenzene	91	8.509	8.507	(0.880)	1422267	68.9302	140

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30580.d
Report Date: 31-Aug-2009 13:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
97	1,3,5-Trimethylbenzene	105	8.831	8.829	(0.913)	8017	0.54465	1.1(a)
101	1,2,4-Trimethylbenzene	105	9.297	9.295	(0.961)	46900	3.04965	6.1
103	sec-Butylbenzene	105	9.412	9.409	(0.973)	21216	1.12787	2.2
* 108	1,4-Dichlorobenzene-d4	152	9.669	9.667	(1.000)	350029	50.0000	
106	n-Butylbenzene	91	10.028	10.025	(1.037)	9512	0.64458	1.3(a)
116	Naphthalene	128	11.632	11.637	(1.203)	36011	2.33666	4.7
M 121	Xylene (Total)	100				7746029	1076.38	2200

QC Flag Legend

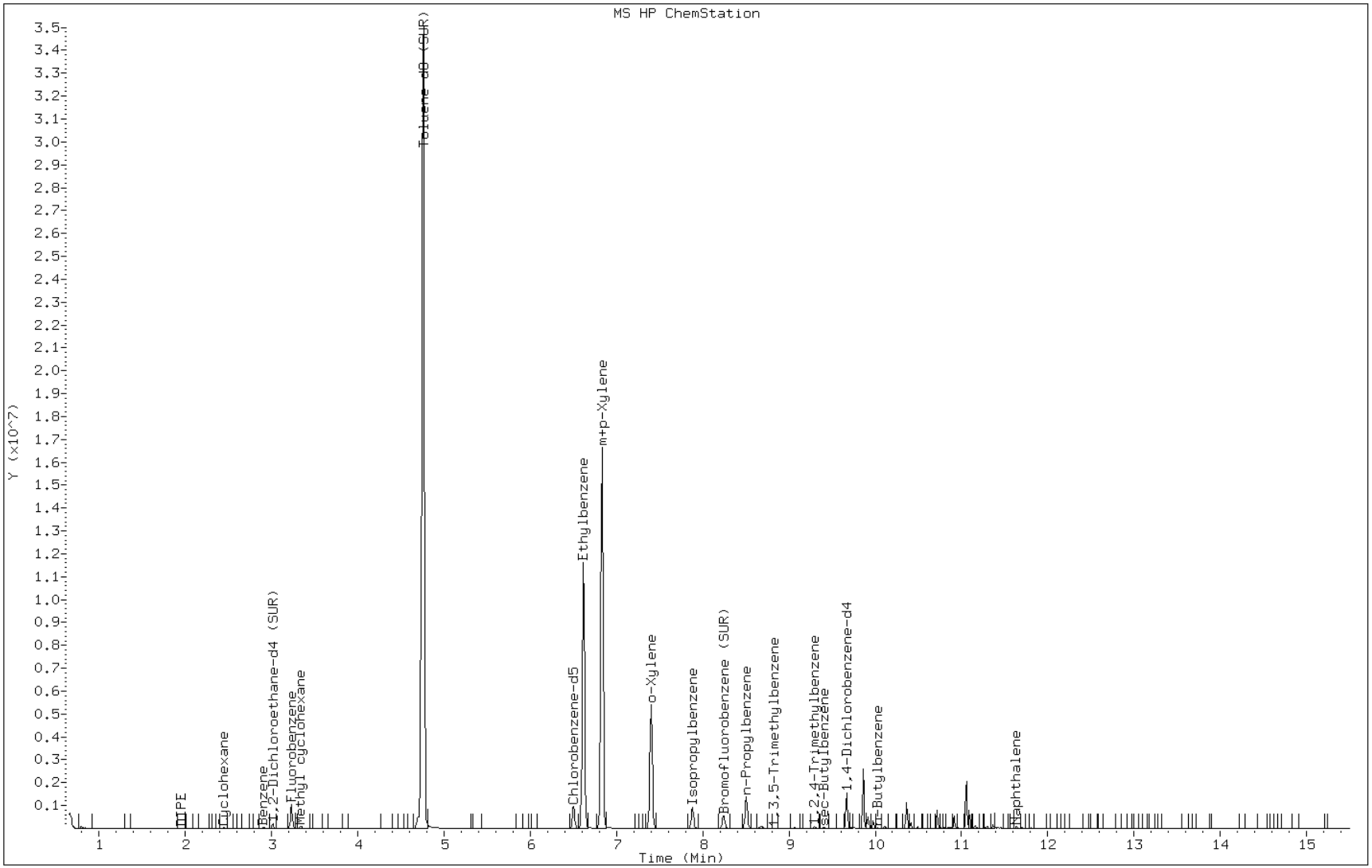
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: p30580.d

Date: 27-AUG-2009 17:18

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;2 Operator:



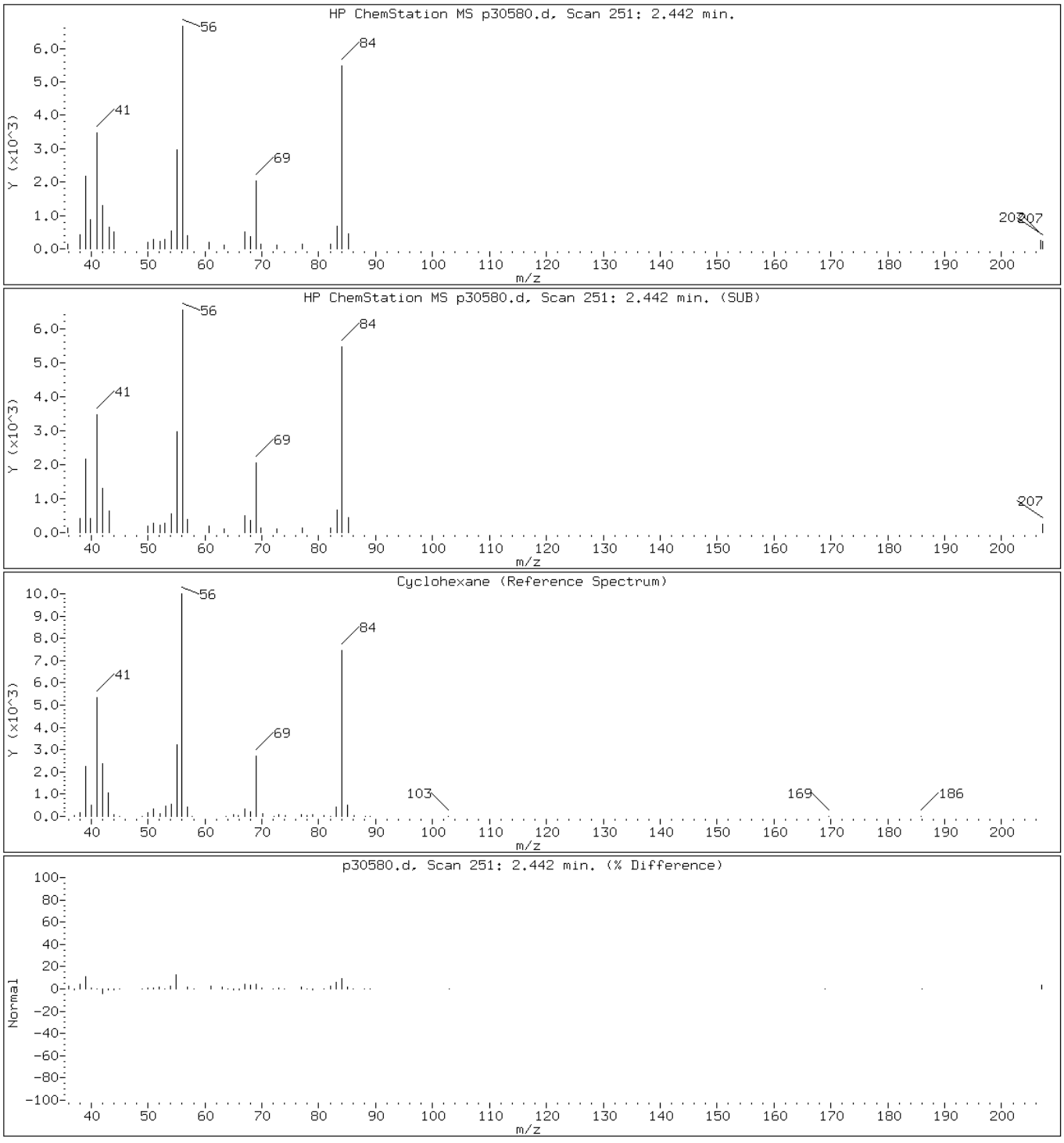
Data File: p30580.d

Date: 27-AUG-2009 17:18

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;2 Operator:

44 Cyclohexane



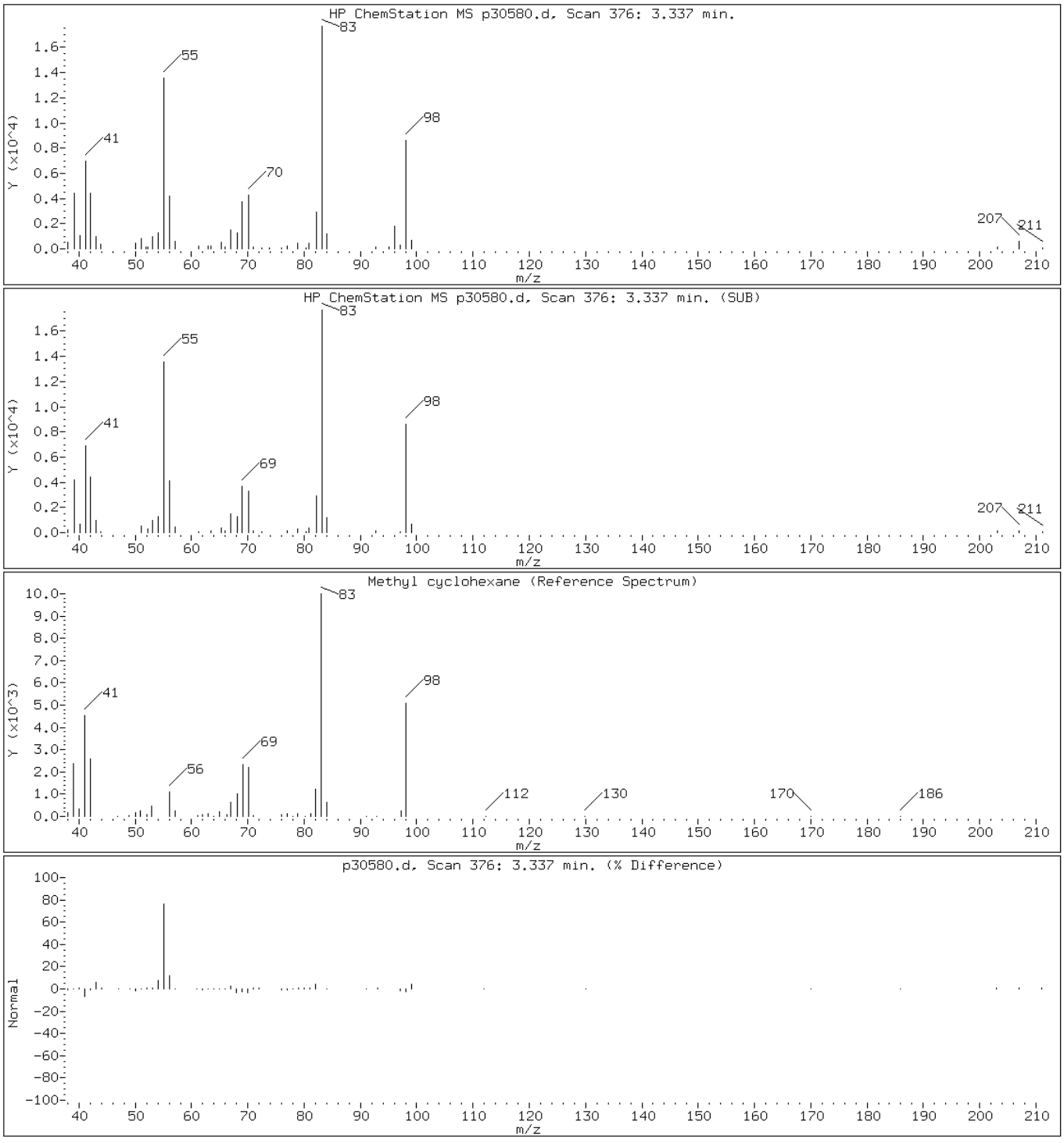
Data File: p30580.d

Date: 27-AUG-2009 17:18

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;2 Operator:

56 Methyl cyclohexane



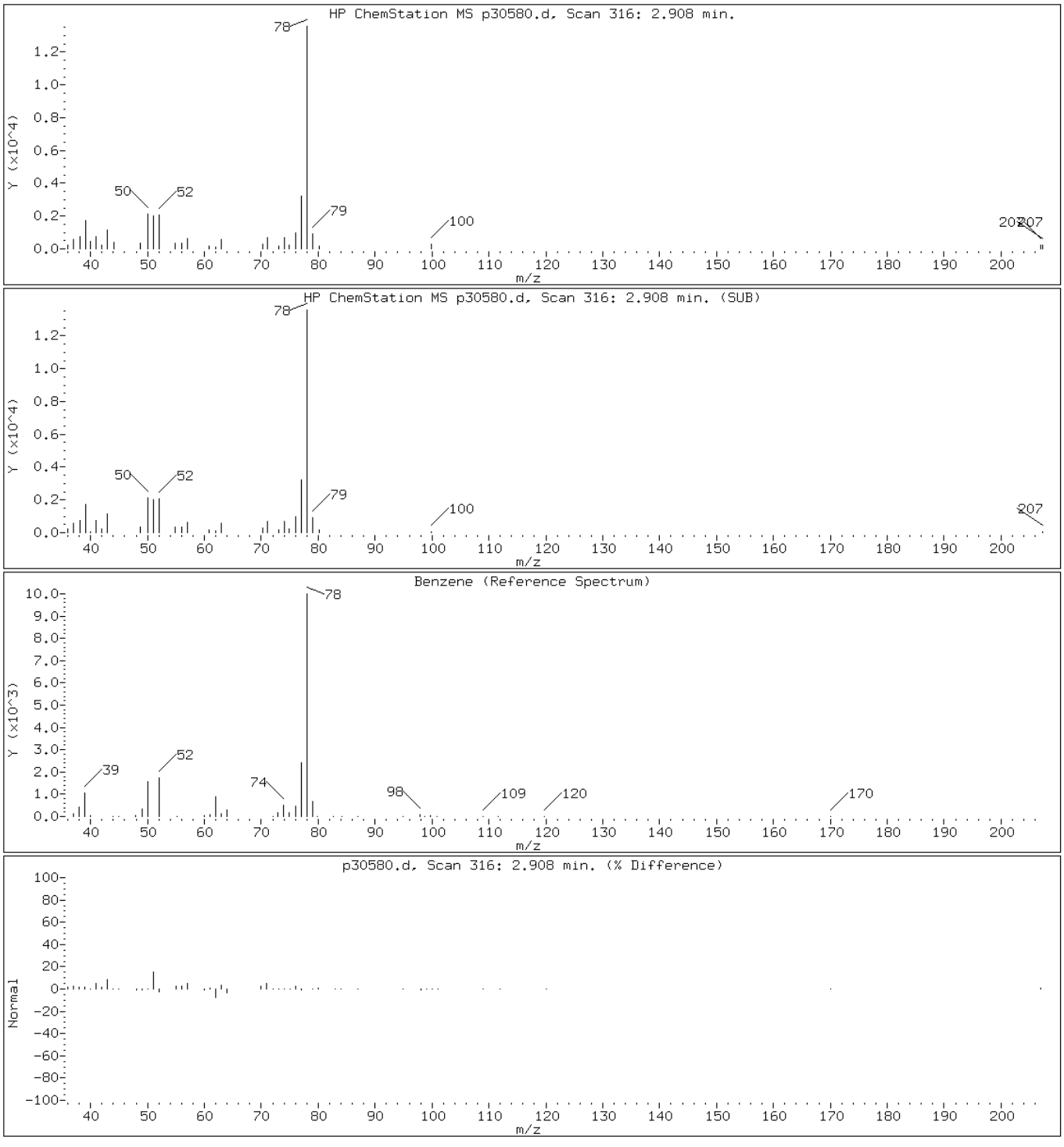
Data File: p30580.d

Date: 27-AUG-2009 17:18

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;2 Operator:

48 Benzene



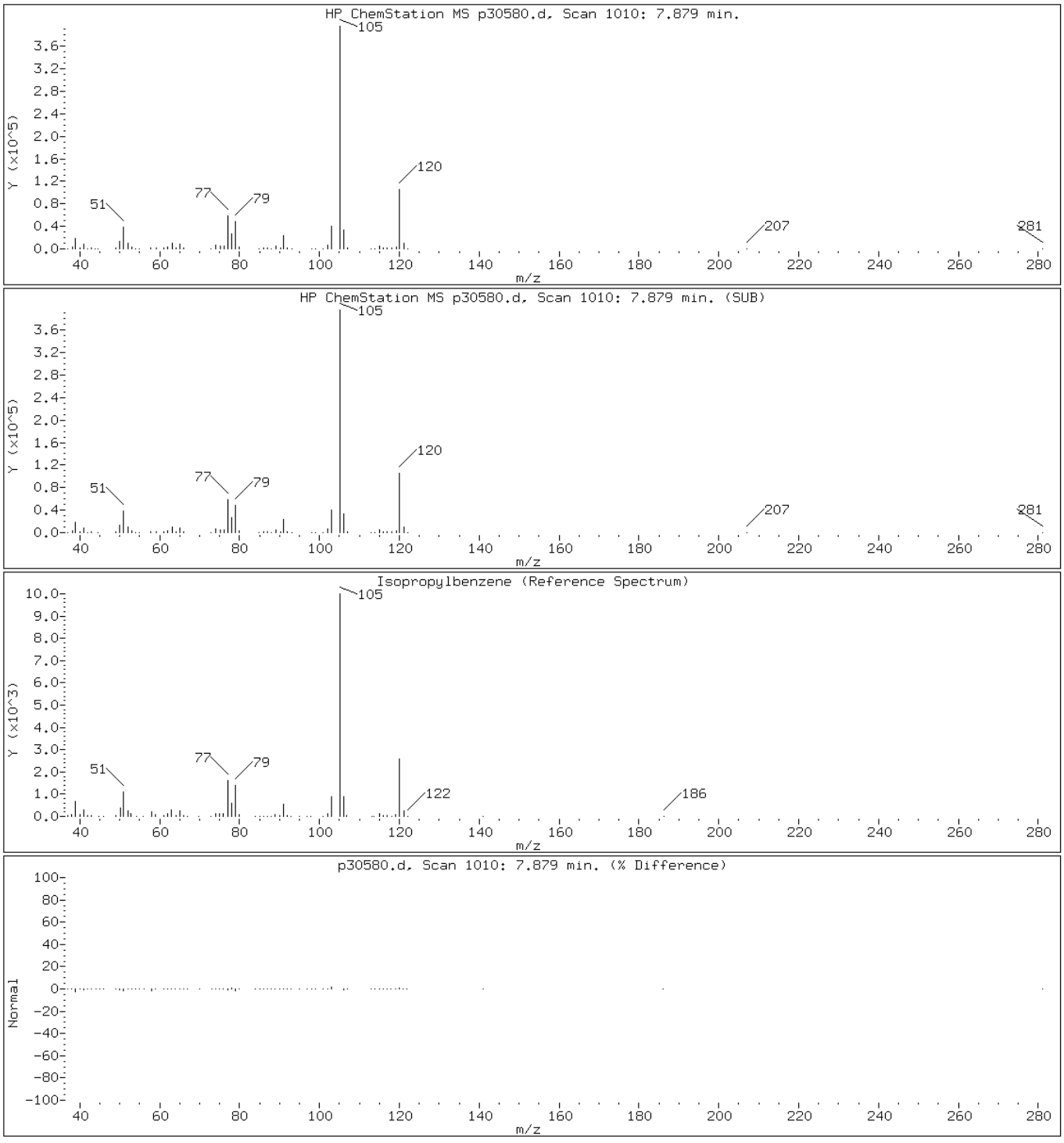
Data File: p30580.d

Date: 27-AUG-2009 17:18

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;2 Operator:

88 Isopropylbenzene



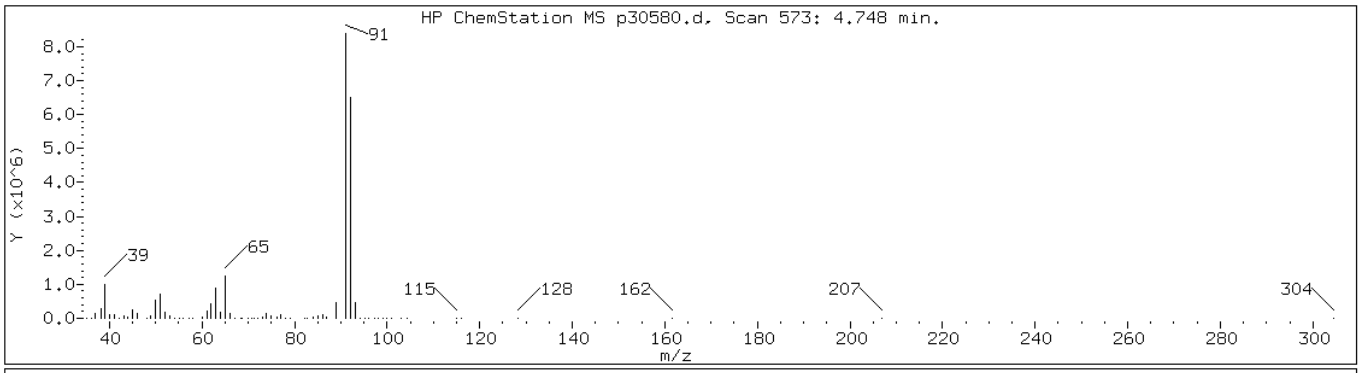
Data File: p30580.d

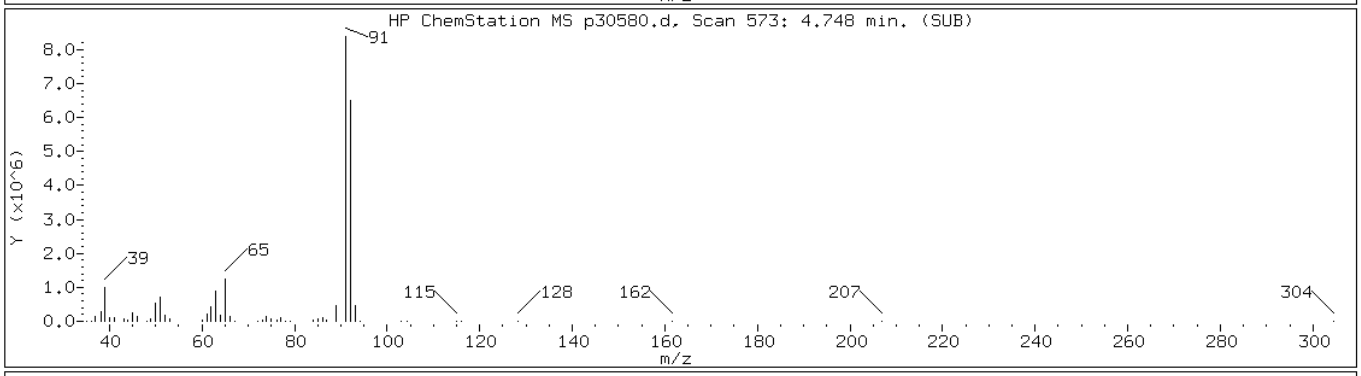
Date: 27-AUG-2009 17:18

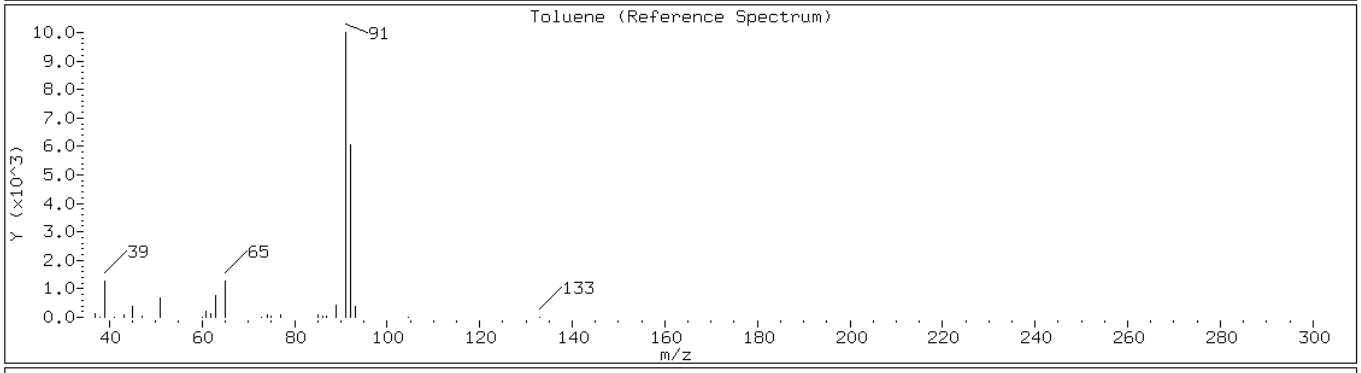
Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

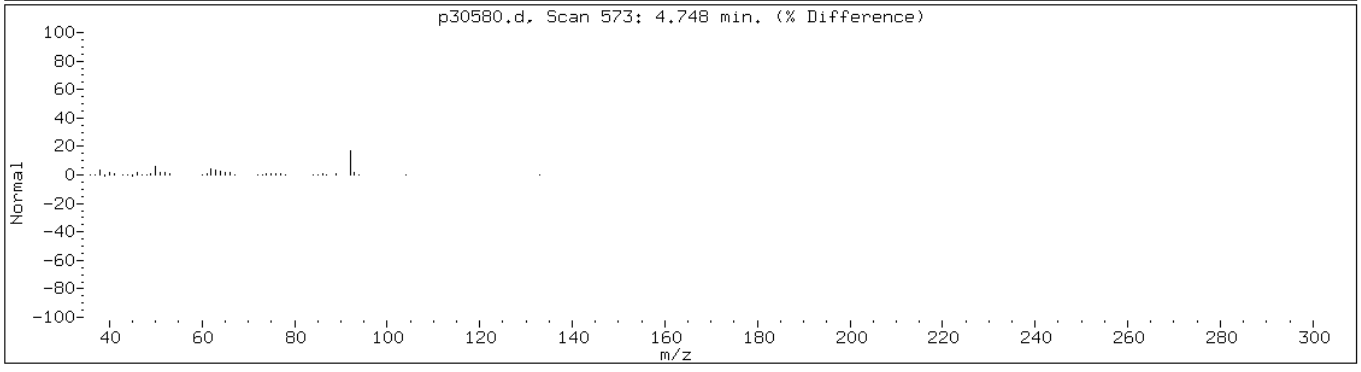
Sample Info: 460-4835-B-7;2 Operator:

66 Toluene









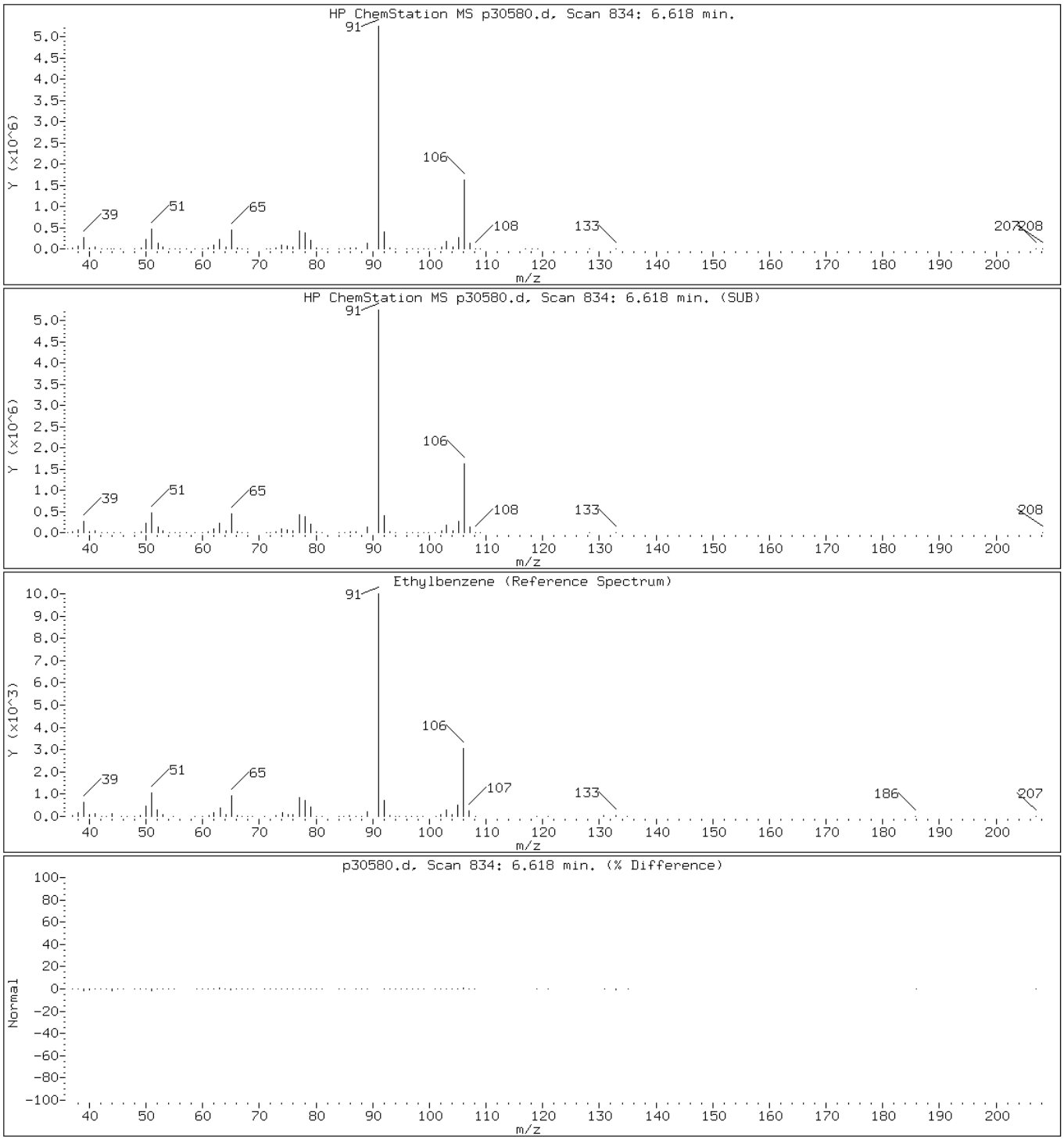
Data File: p30580.d

Date: 27-AUG-2009 17:18

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;2 Operator:

81 Ethylbenzene



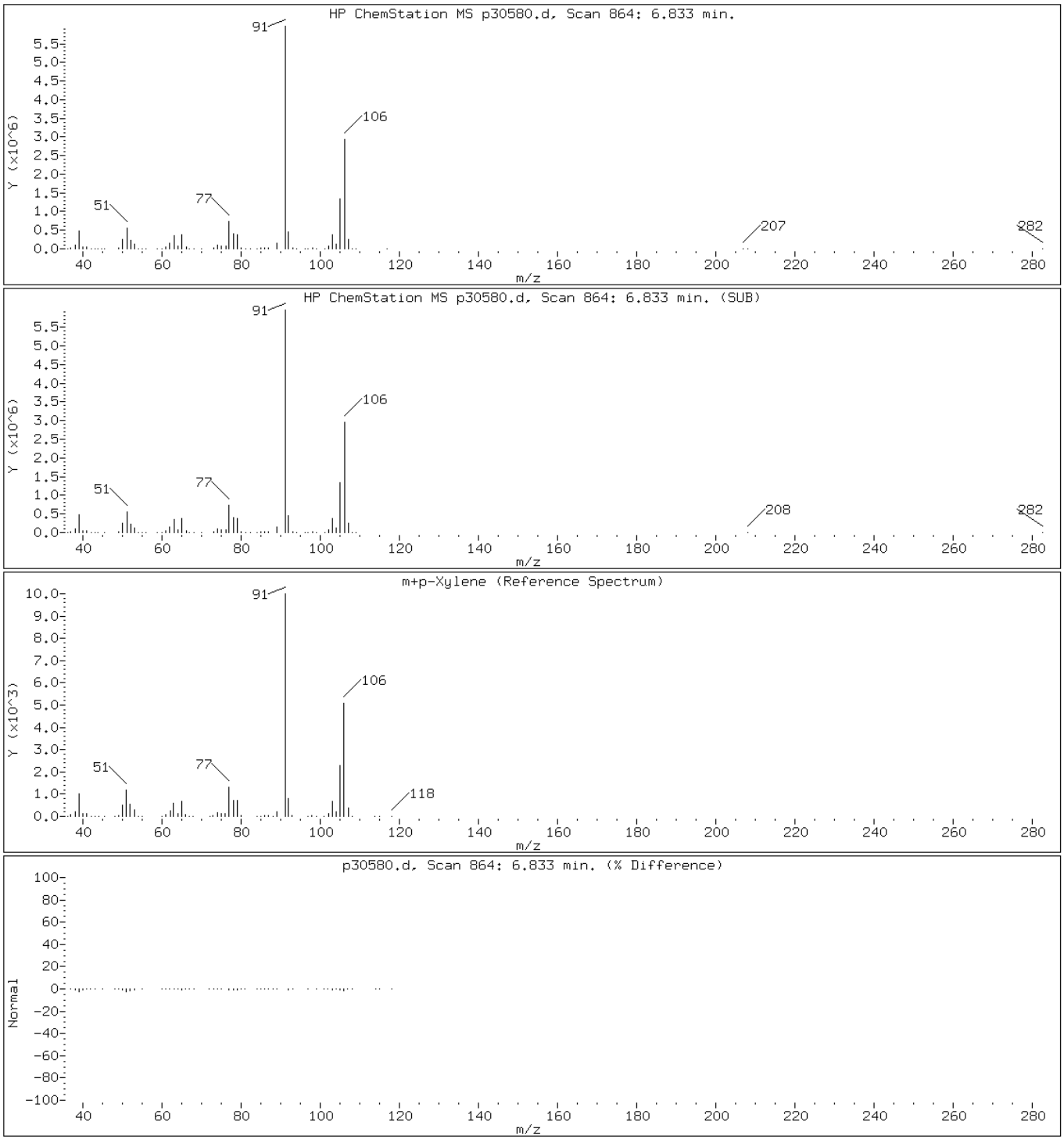
Data File: p30580.d

Date: 27-AUG-2009 17:18

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;2 Operator:

82 m+p-Xylene



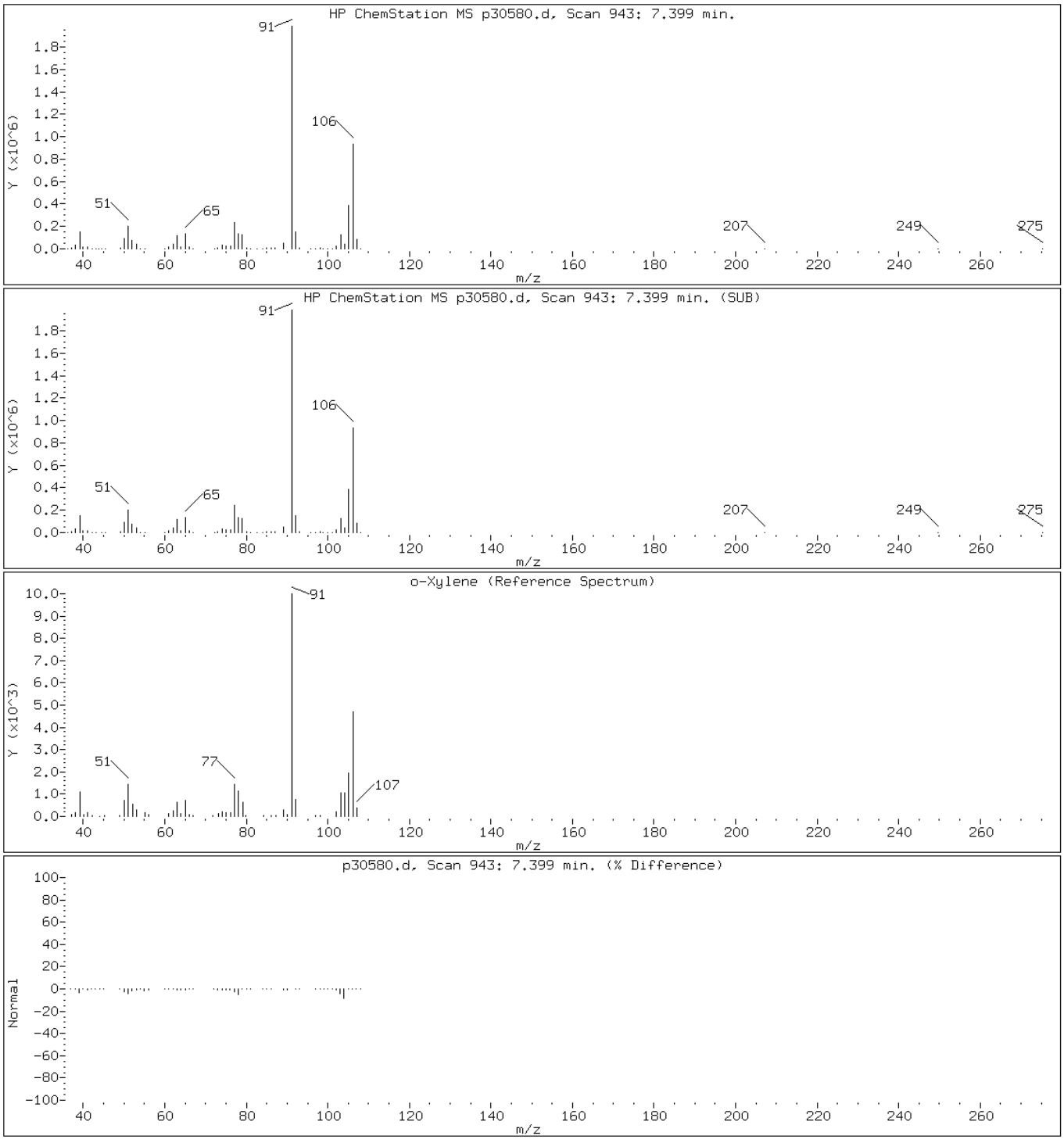
Data File: p30580.d

Date: 27-AUG-2009 17:18

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;2 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-07 Lab Sample ID: 460-4835-7 DL

Matrix: Water Lab File ID: p30437.d

Analysis Method: 8260B Date Collected: 08/18/2009 13:40

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 18:49

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	3400		10	0.90
100-41-4	Ethylbenzene	1100		10	2.5

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	56-125	
2037-26-5	Toluene-d8 (Surr)	97	72-127	
460-00-4	Bromofluorobenzene	113	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30437.d
Report Date: 24-Aug-2009 08:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30437.d
Lab Smp Id: 460-4835-B-7 Client Smp ID: GW-017338-081809-AC
Inj Date : 21-AUG-2009 18:49
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-B-7;10
Misc Info : 460-4835-B-7
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 26
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	44 Cyclohexane	56	2.454	2.447	(0.759)	2432	0.38903	3.9(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	98990	49.5705	50
*	52 Fluorobenzene	96	3.235	3.228	(1.000)	821933	50.0000	
	56 Methyl cyclohexane	83	3.342	3.342	(1.033)	7580	1.30900	13
$	65 Toluene-d8 (SUR)	98	4.696	4.689	(0.722)	378319	48.3932	48
	66 Toluene	91	4.746	4.746	(0.730)	5717343	341.144	3400
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	632912	50.0000	
	81 Ethylbenzene	106	6.609	6.616	(1.017)	637564	108.178	1100
	82 m+p-Xylene	106	6.823	6.823	(1.050)	1232272	166.451	1700
	84 o-Xylene	106	7.396	7.396	(1.138)	400637	56.8053	570
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	165842	9.69350	97
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	265972	56.3901	56
	95 n-Propylbenzene	91	8.507	8.507	(0.880)	299607	13.9376	140
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	12084	0.77476	7.7(a)
*	108 1,4-Dichlorobenzene-d4	152	9.667	9.674	(1.000)	338569	50.0000	
	116 Naphthalene	128	11.637	11.637	(1.204)	54240	3.62944	36

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30437.d
Report Date: 24-Aug-2009 08:20

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				1632910	224.103	2200

QC Flag Legend

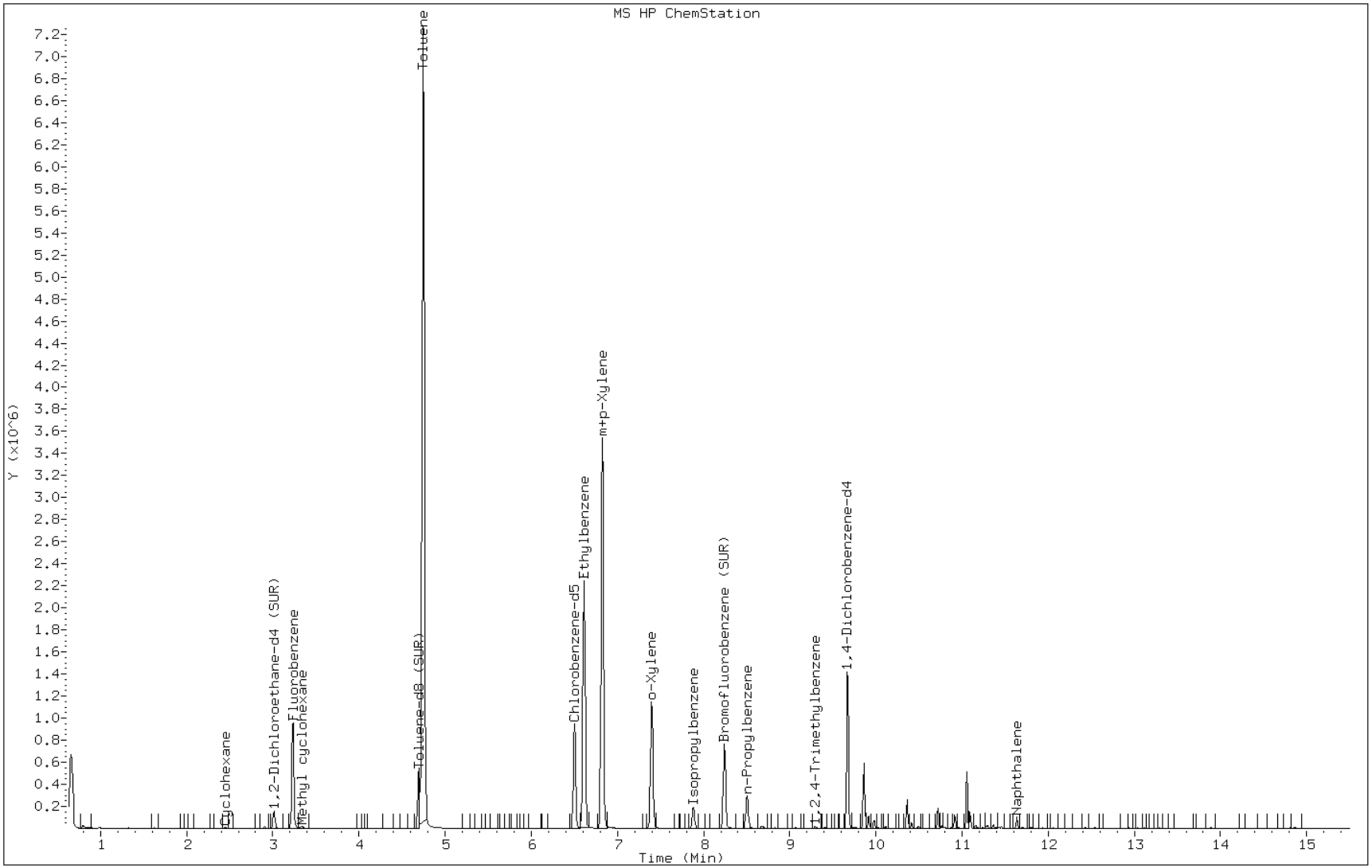
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30437.d

Date: 21-AUG-2009 18:49

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;10 Operator:



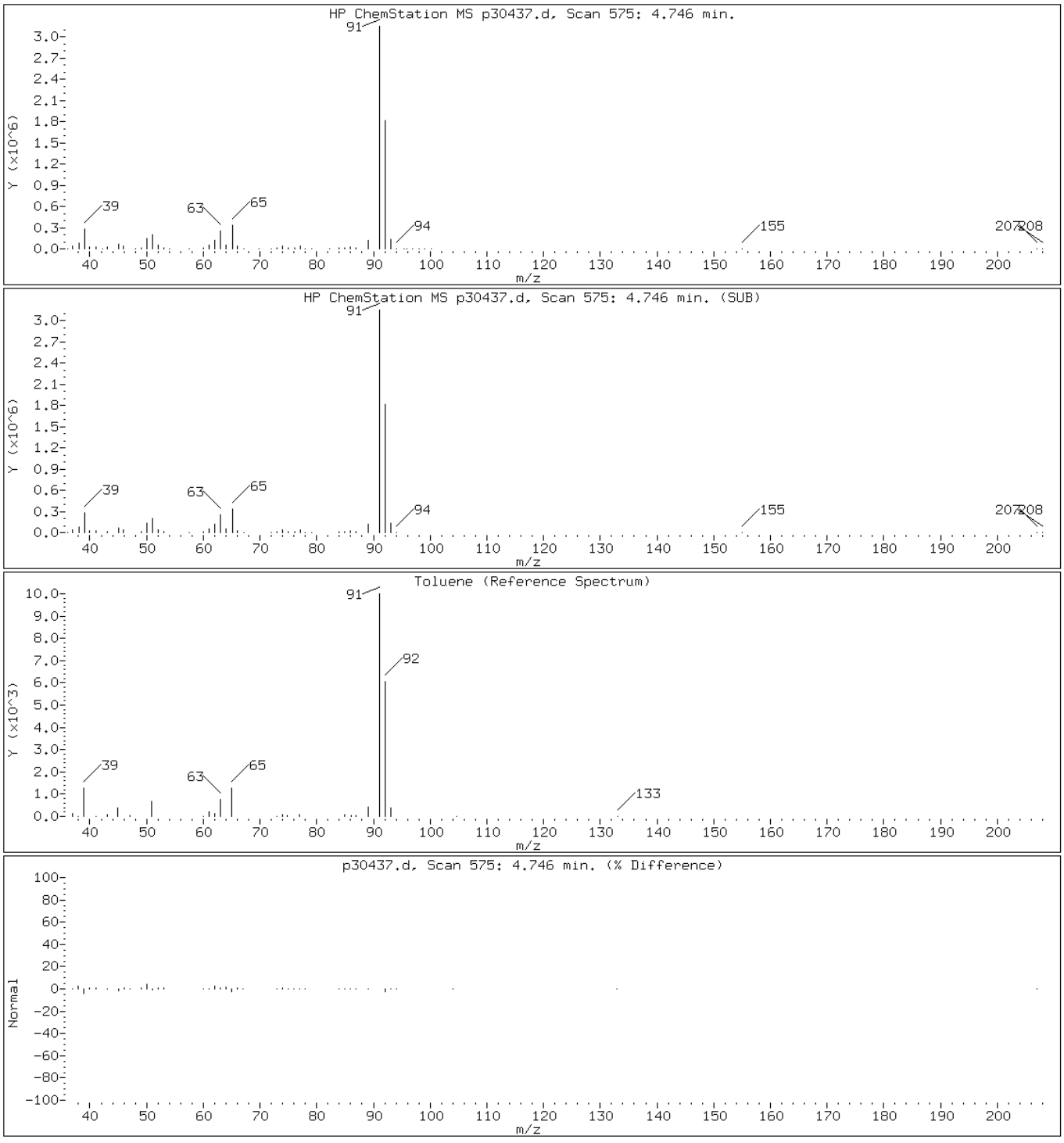
Data File: p30437.d

Date: 21-AUG-2009 18:49

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;10 Operator:

66 Toluene



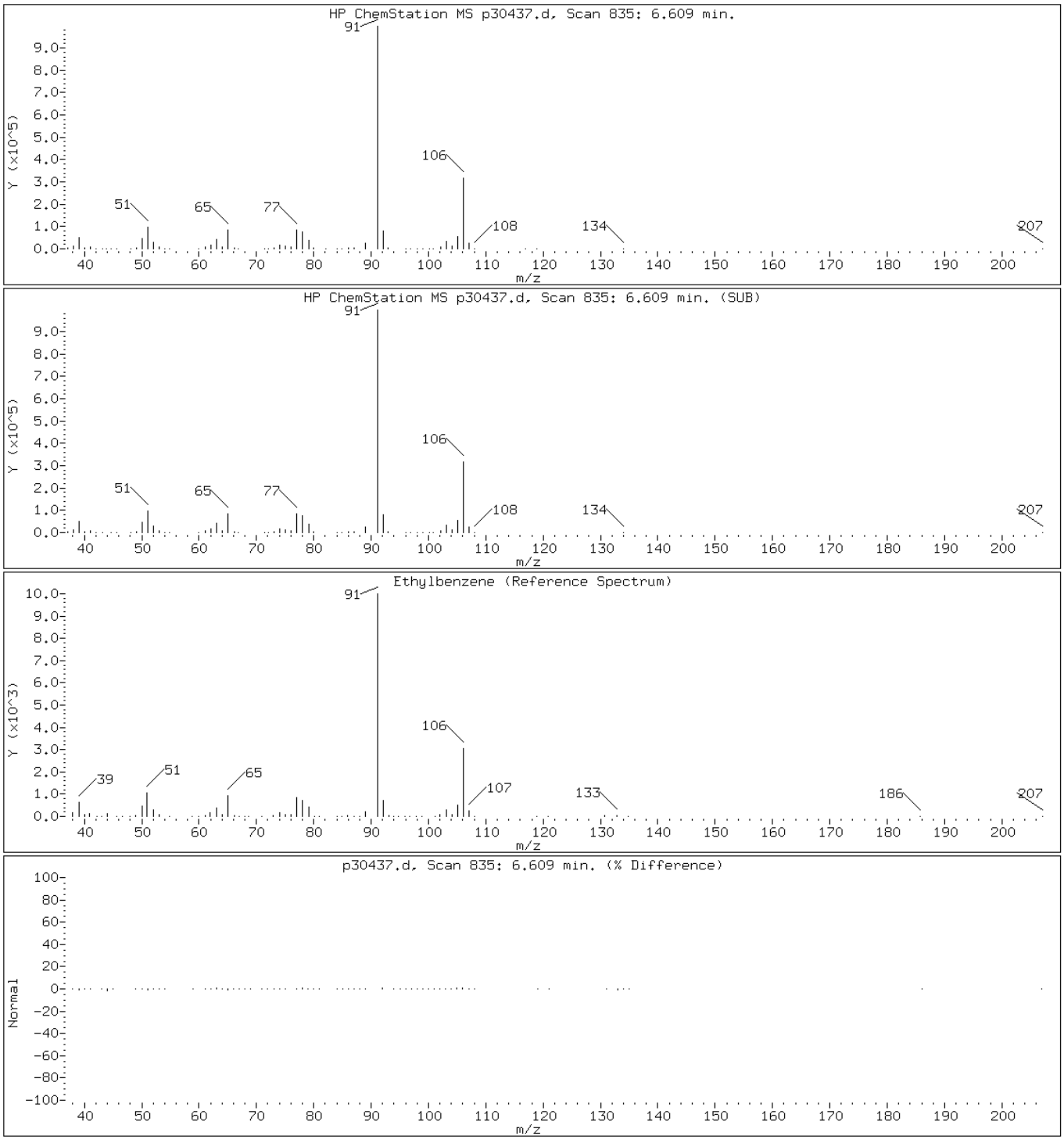
Data File: p30437.d

Date: 21-AUG-2009 18:49

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-B-7;10 Operator:

81 Ethylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-08 Lab Sample ID: 460-4835-8

Matrix: Water Lab File ID: p30436.d

Analysis Method: 8260B Date Collected: 08/18/2009 14:50

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 18:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	0.80	J	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	46		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	6.7		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	12		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	270		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	79		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-08 Lab Sample ID: 460-4835-8

Matrix: Water Lab File ID: p30436.d

Analysis Method: 8260B Date Collected: 08/18/2009 14:50

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 18:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	53		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	34		1.0	0.25
1330-20-7	Xylenes, Total	190		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108	56-125	
2037-26-5	Toluene-d8 (Surr)	106	72-127	
460-00-4	Bromofluorobenzene	125	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30436.d
Report Date: 24-Aug-2009 08:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30436.d
Lab Smp Id: 460-4835-C-8 Client Smp ID: GW-017338-081809-AC
Inj Date : 21-AUG-2009 18:23
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-C-8
Misc Info : 460-4835-C-8
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	0.842	0.842	(0.260)	3444	0.80375	0.80(a)
	24 TBA	59	1.802	1.809	(0.557)	4985	17.8543	18(a)
	28 MTBE	73	1.738	1.738	(0.537)	493520	45.7812	46
	32 DIPE	45	1.945	1.953	(0.601)	305054	23.9389	24
	44 Cyclohexane	56	2.447	2.447	(0.756)	42600	6.72384	6.7
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	109081	53.9100	54
	48 Benzene	78	2.905	2.905	(0.447)	4453476	271.355	270
*	52 Fluorobenzene	96	3.235	3.228	(1.000)	832808	50.0000	
	56 Methyl cyclohexane	83	3.342	3.342	(1.033)	72597	12.3718	12
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	410393	53.2000	53
	66 Toluene	91	4.746	4.746	(0.730)	879467	53.1801	53
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	624536	50.0000	
	81 Ethylbenzene	106	6.609	6.616	(1.017)	196423	33.7748	34
	82 m+p-Xylene	106	6.824	6.823	(1.050)	1269265	173.747	170
	84 o-Xylene	106	7.397	7.396	(1.138)	119116	17.1157	17
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	1340502	79.4032	79

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30436.d
Report Date: 24-Aug-2009 08:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	290831	62.3518	62
95 n-Propylbenzene	91	8.507	8.507	(0.880)	789308	37.1298	37
101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	211268	13.6970	14
* 108 1,4-Dichlorobenzene-d4	152	9.667	9.674	(1.000)	334816	50.0000	
106 n-Butylbenzene	91	10.025	10.025	(1.037)	11772	0.80644	0.81(a)
113 Camphor	95	11.608	11.608	(1.201)	9319	22.2920	22
116 Naphthalene	128	11.637	11.637	(1.204)	1004193	68.8073	69
M 121 Xylene (Total)	100				1388381	193.099	190

QC Flag Legend

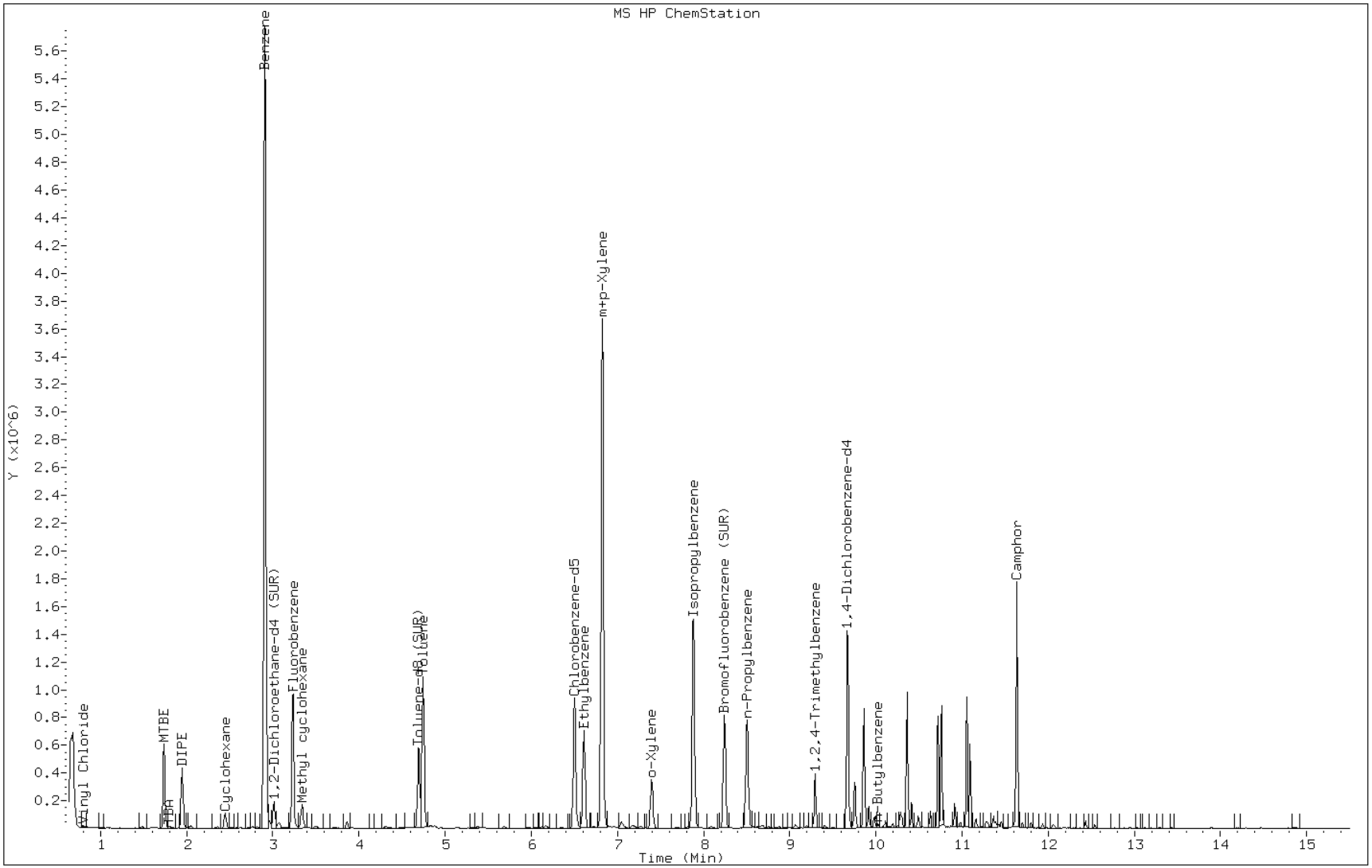
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:



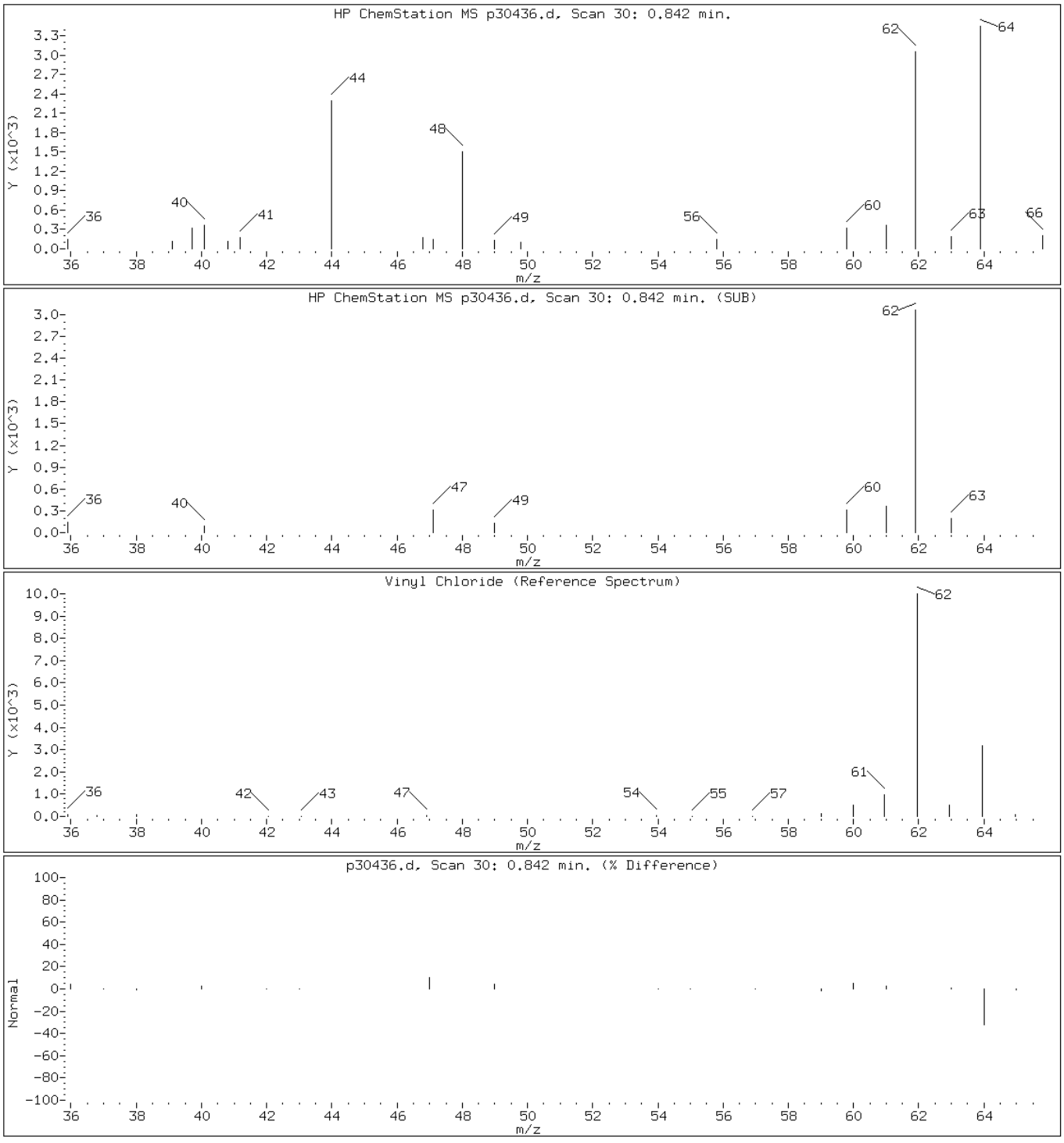
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

4 Vinyl Chloride



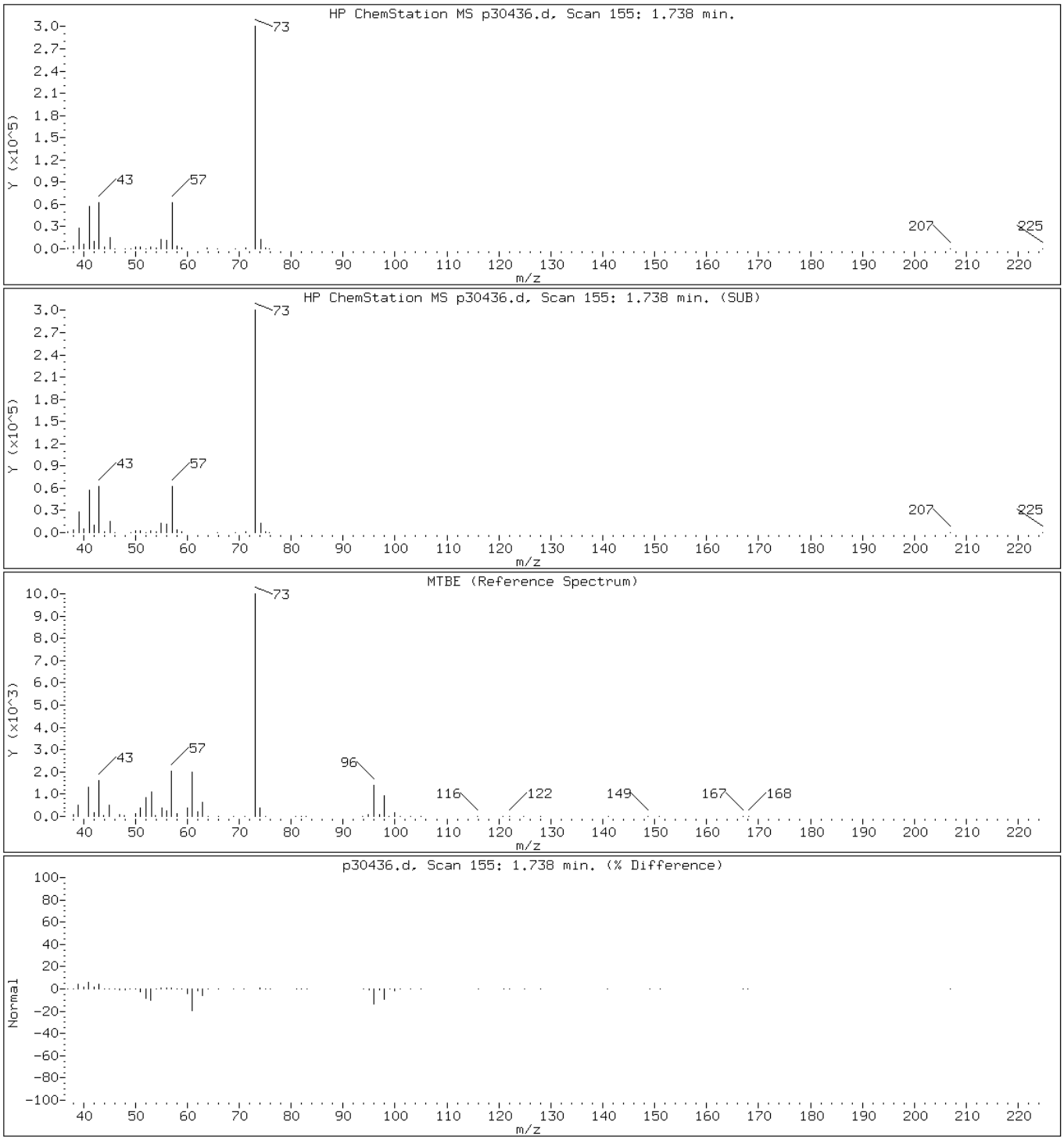
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

28 MTBE



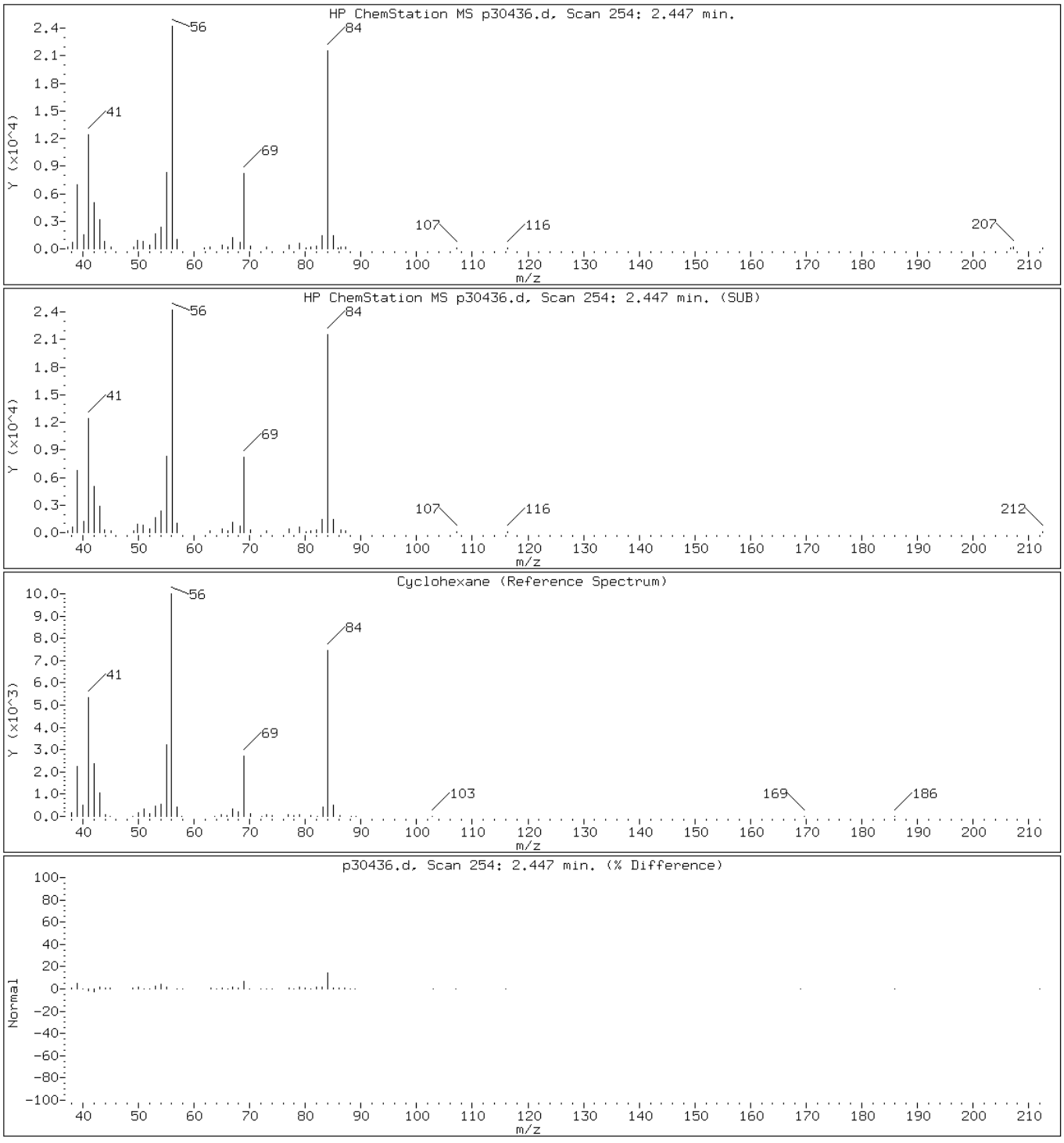
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

44 Cyclohexane



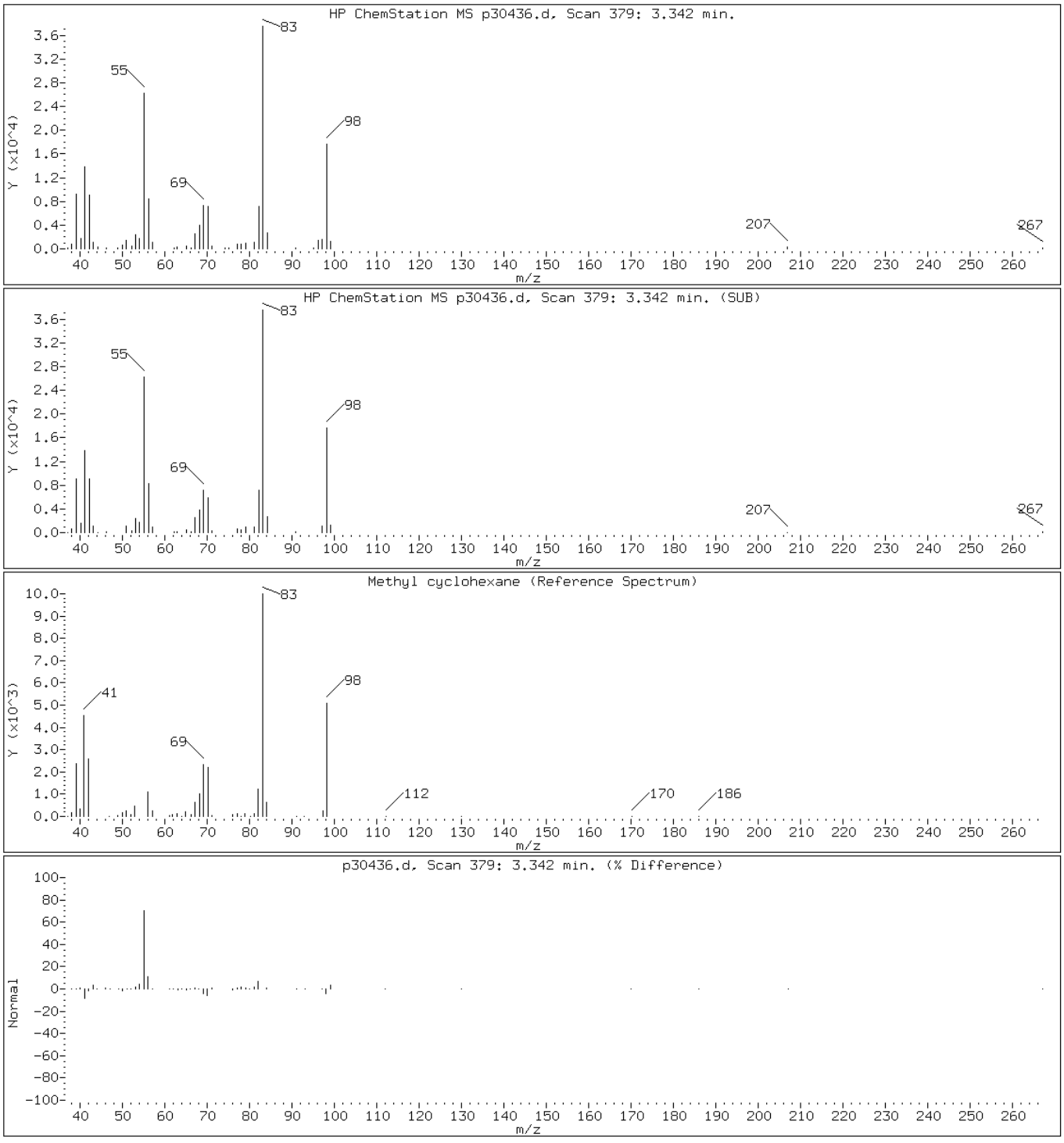
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

56 Methyl cyclohexane



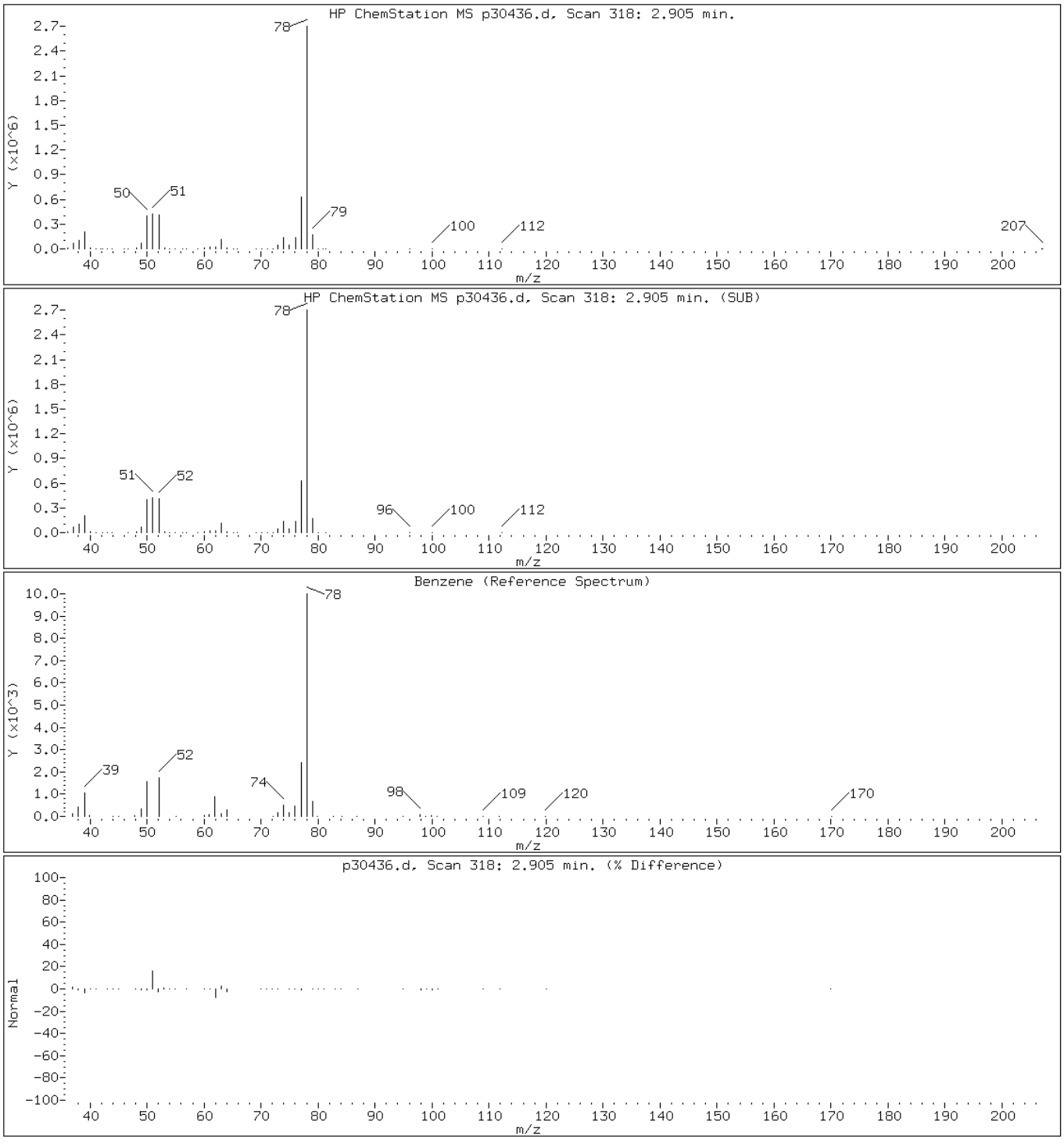
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

48 Benzene



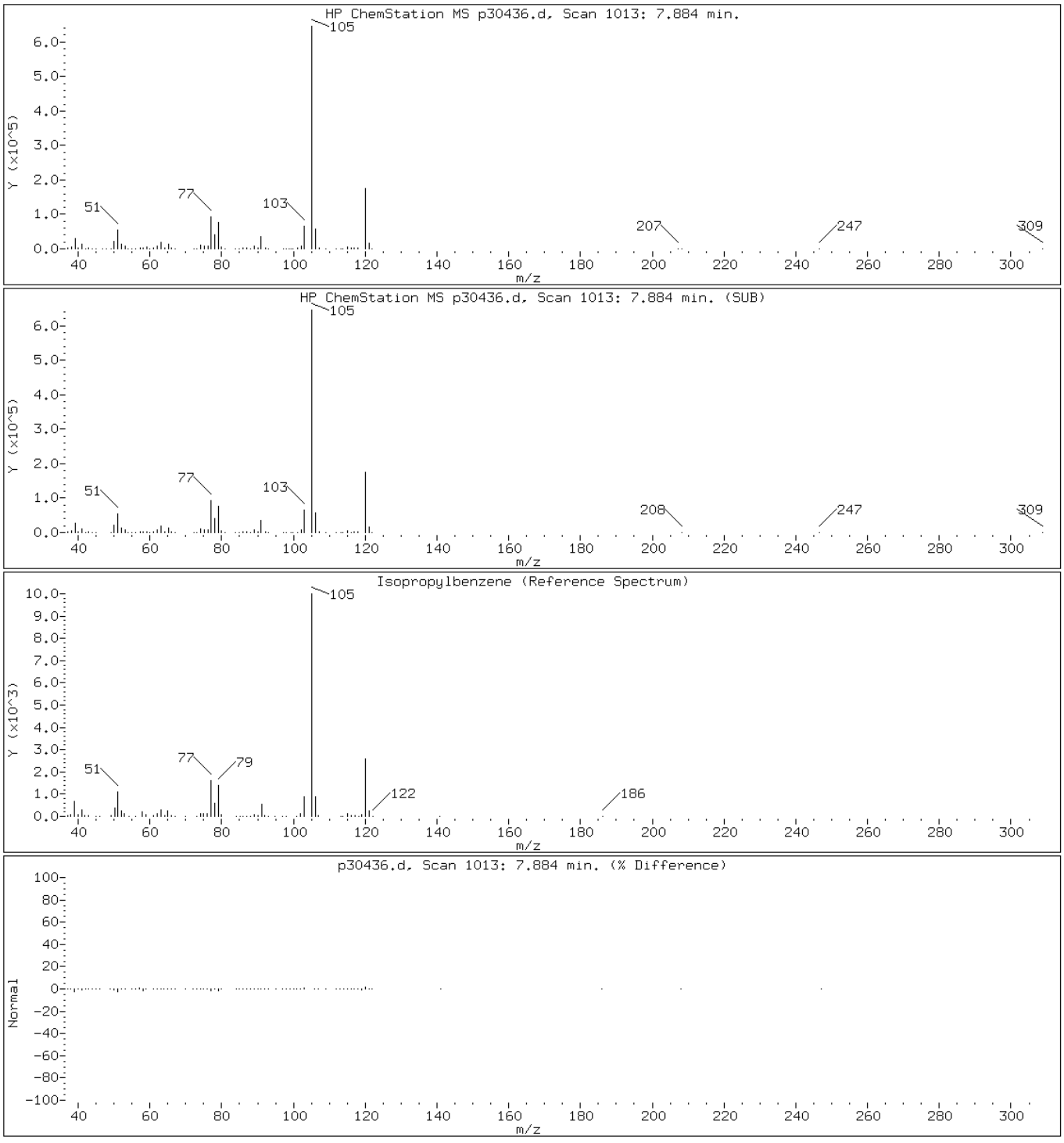
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

88 Isopropylbenzene



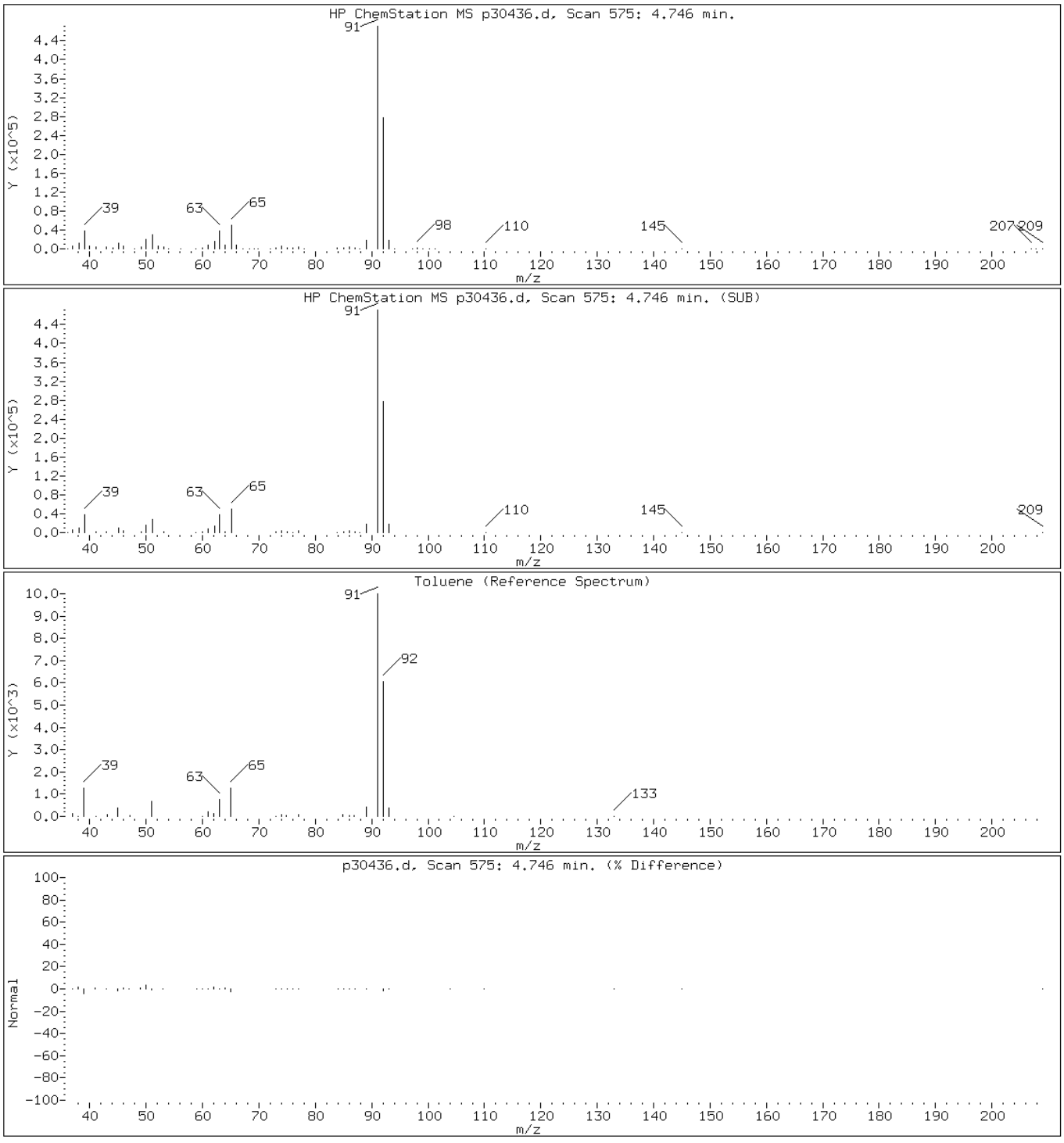
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

66 Toluene



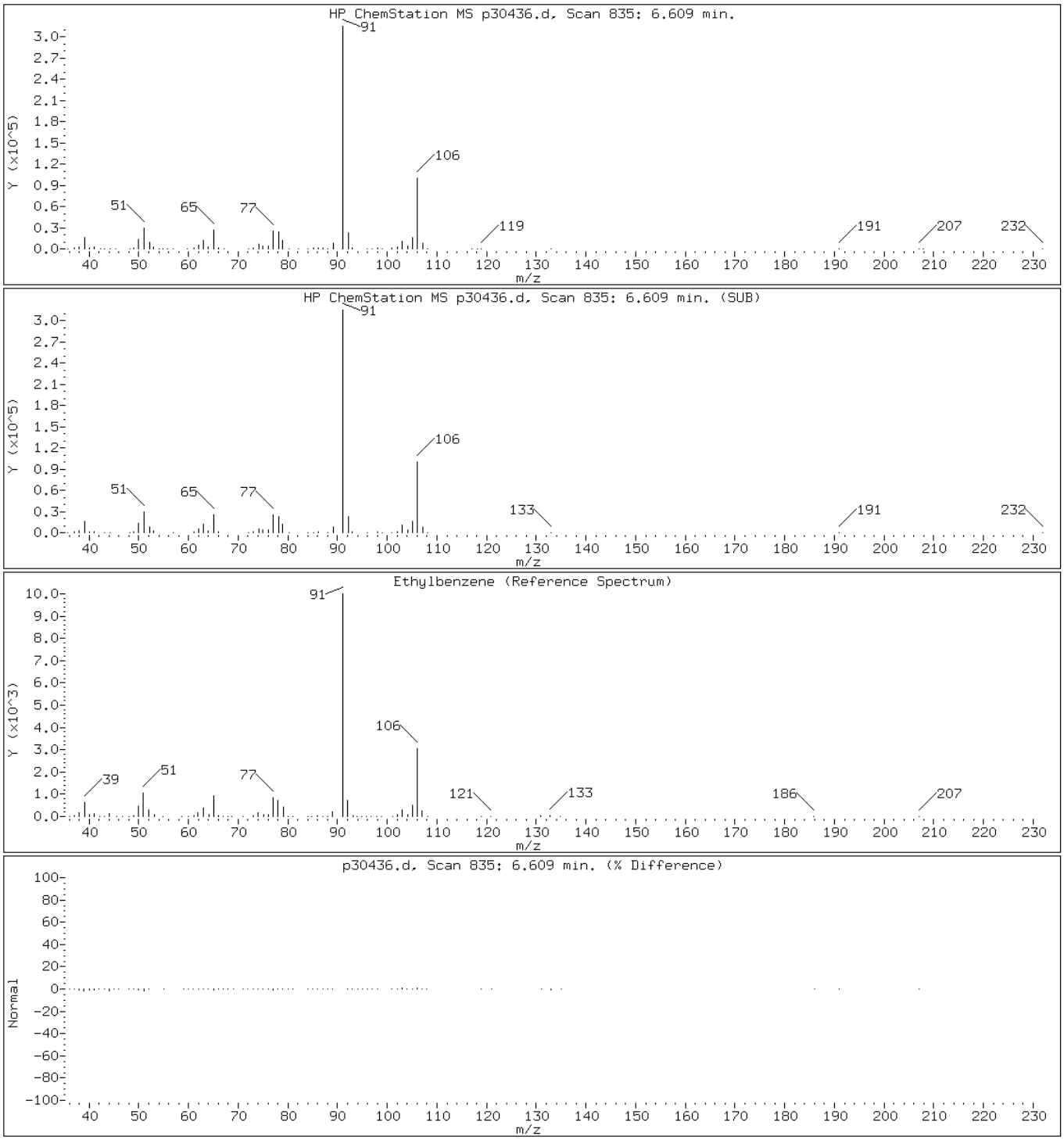
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

81 Ethylbenzene



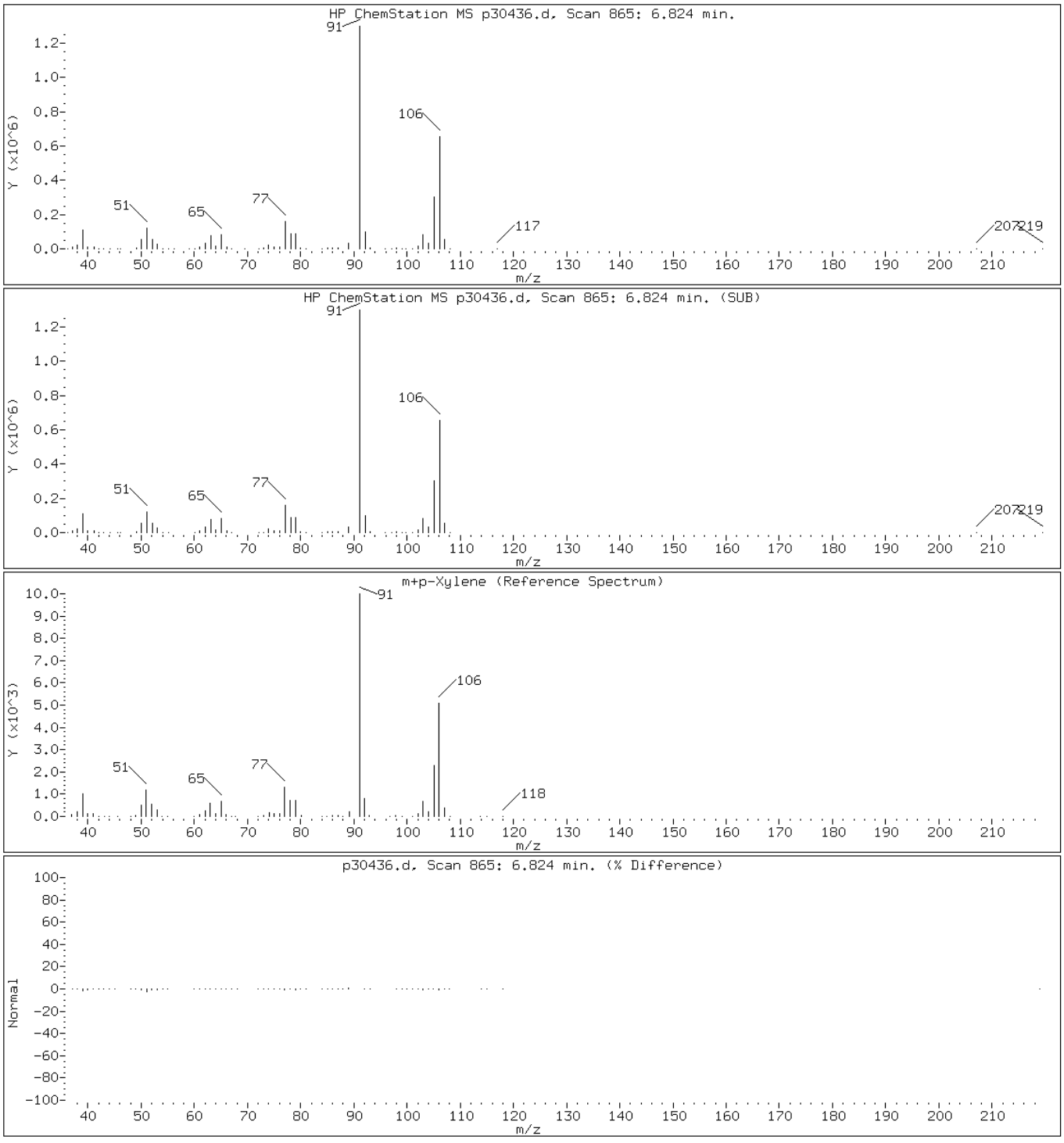
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

82 m+p-Xylene



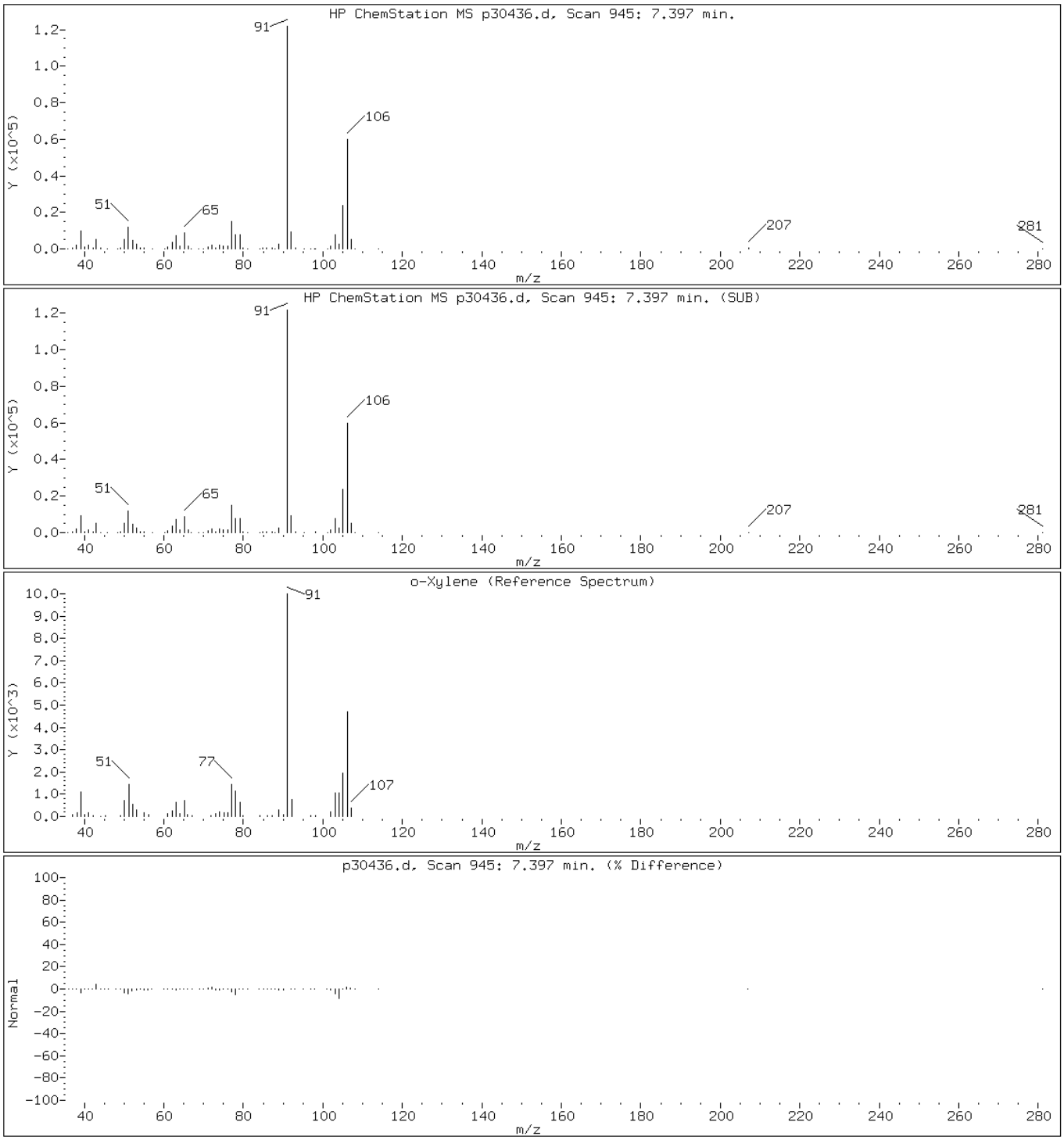
Data File: p30436.d

Date: 21-AUG-2009 18:23

Client ID: GW-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-8 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: TB-017338-081809-ACH-001 Lab Sample ID: 460-4835-9

Matrix: Water Lab File ID: p30428.d

Analysis Method: 8260B Date Collected: 08/18/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 15:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: TB-017338-081809-ACH-001 Lab Sample ID: 460-4835-9

Matrix: Water Lab File ID: p30428.d

Analysis Method: 8260B Date Collected: 08/18/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 15:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98	56-125	
2037-26-5	Toluene-d8 (Surr)	98	72-127	
460-00-4	Bromofluorobenzene	109	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30428.d
Report Date: 25-Aug-2009 14:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30428.d
Lab Smp Id: 460-4835-C-9 Client Smp ID: TB-017338-081809-AC
Inj Date : 21-AUG-2009 15:01
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-C-9
Misc Info : 460-4835-C-9
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	108168	49.0939	49
* 52 Fluorobenzene	96	3.228	3.228	(1.000)	906852	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	407780	48.9307	49
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	674705	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	277307	54.6906	55
* 108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	363968	50.0000	
116 Naphthalene	128	11.637	11.637	(1.203)	9972	0.62033	0.62(a)

QC Flag Legend

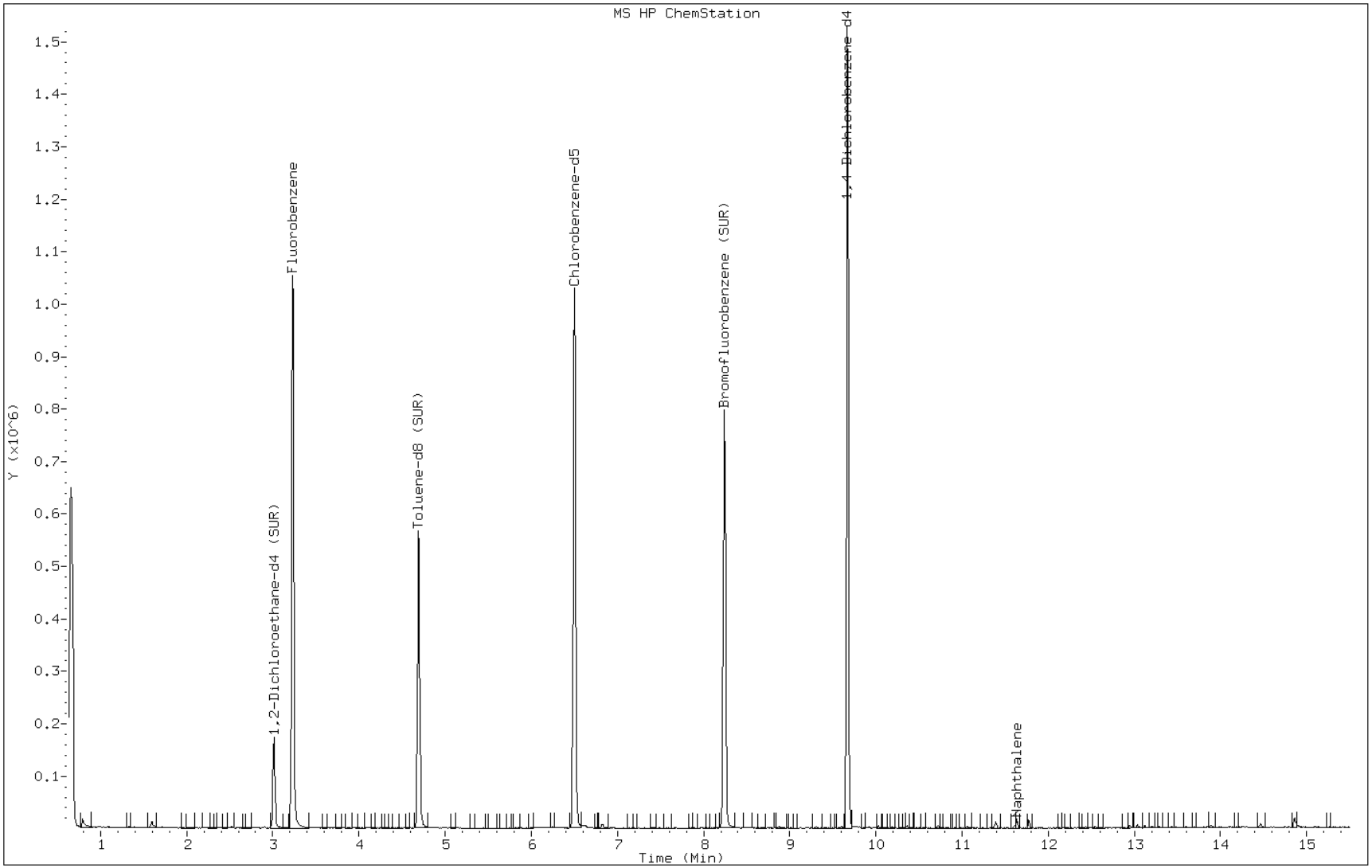
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30428.d

Date: 21-AUG-2009 15:01

Client ID: TB-017338-081809-AC Instrument: VOAMS13.i

Sample Info: 460-4835-C-9 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-09 | Lab Sample ID: 460-4869-1

Matrix: Water | Lab File ID: p30642.d

Analysis Method: 8260B | Date Collected: 08/19/2009 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/31/2009 18:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15720 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	0.54	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	2.2		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.9		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-09 | Lab Sample ID: 460-4869-1

Matrix: Water | Lab File ID: p30642.d

Analysis Method: 8260B | Date Collected: 08/19/2009 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/31/2009 18:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15720 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1100	E	1.0	0.16
100-41-4	Ethylbenzene	16		1.0	0.25
1330-20-7	Xylenes, Total	36		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	0.81	J	1.0	0.22
106-46-7	1,4-Dichlorobenzene	6.2		1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.67	J	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	56-125	
2037-26-5	Toluene-d8 (Surr)	98	72-127	
460-00-4	Bromofluorobenzene	110	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30642.d
Report Date: 01-Sep-2009 11:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30642.d
Lab Smp Id: 460-4869-E-1 Client Smp ID: GW-017338-081909-AC
Inj Date : 31-AUG-2009 18:53
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-E-1
Misc Info : 460-4869-E-1
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/8260_09.m
Meth Date : 31-Aug-2009 10:13 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	1.740	1.740	(0.539)	6152	0.53752	0.54(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.008	(0.933)	126395	48.7237	49
	48 Benzene	78	2.907	2.900	(0.447)	34476	2.15390	2.2
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	842349	50.0000	
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	395928	48.7870	49
	66 Toluene	91	4.741	4.741	(0.728)	368893	20.4206	20
*	78 Chlorobenzene-d5	117	6.510	6.503	(1.000)	677626	50.0000	
	79 Chlorobenzene	112	6.532	6.518	(1.003)	12448637	1092.85	1100(A)
	81 Ethylbenzene	106	6.611	6.611	(1.015)	94558	15.7802	16
	82 m+p-Xylene	106	6.826	6.826	(1.048)	208428	27.9377	28
	84 o-Xylene	106	7.399	7.399	(1.136)	55838	7.88614	7.9
	88 Isopropylbenzene	105	7.879	7.879	(1.210)	33858	1.88328	1.9
$	89 Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	221296	55.0642	55
	95 n-Propylbenzene	91	8.509	8.502	(0.880)	16390	0.78630	0.79(a)
	105 1,3-Dichlorobenzene	146	9.583	9.576	(0.991)	7396	0.80556	0.80(a)
*	108 1,4-Dichlorobenzene-d4	152	9.669	9.670	(1.000)	353611	50.0000	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30642.d
Report Date: 01-Sep-2009 11:08

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	59274	6.24721	6.2
111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	5934	0.66662	0.67(a)
M 121 Xylene (Total)	100				264266	36.0339	36

QC Flag Legend

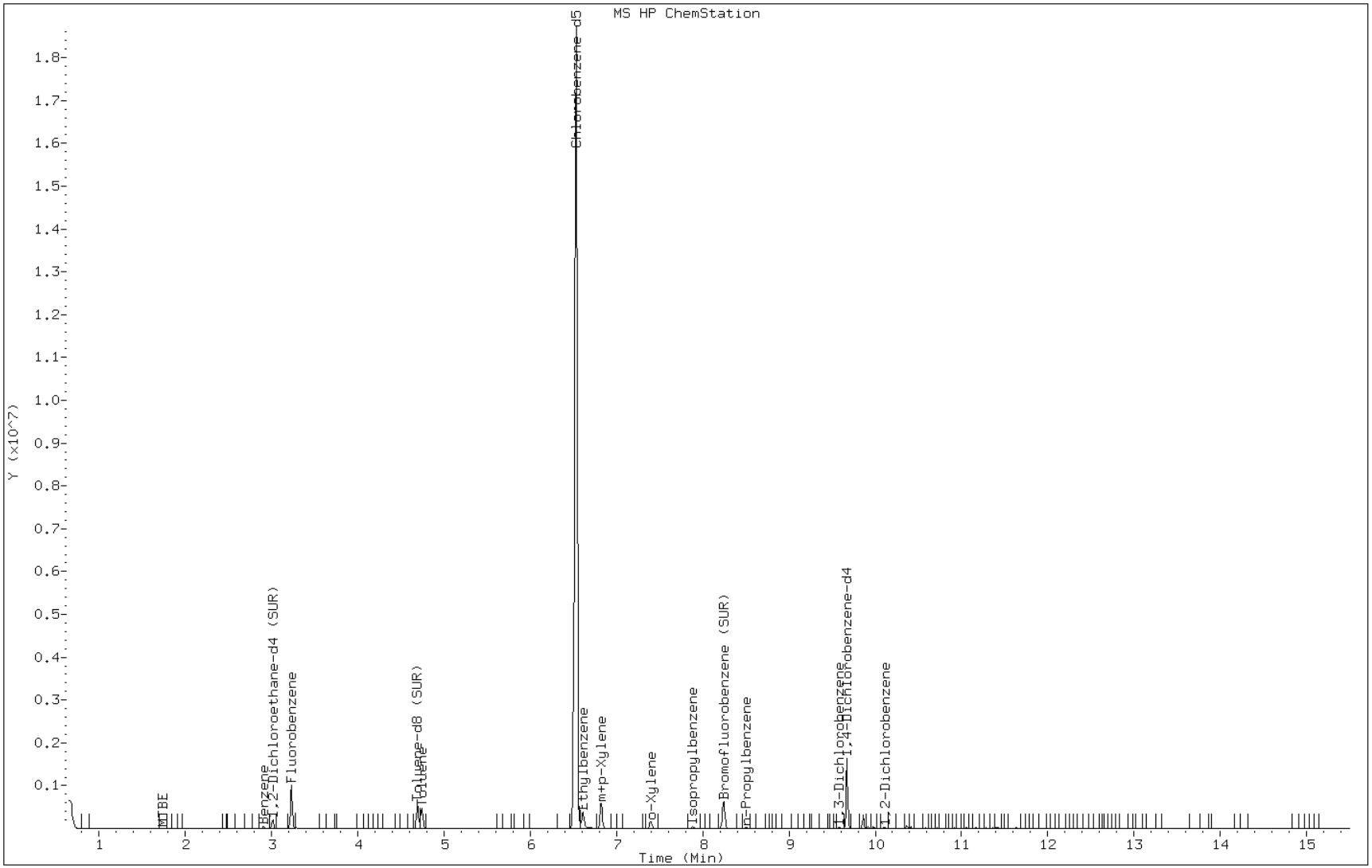
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:



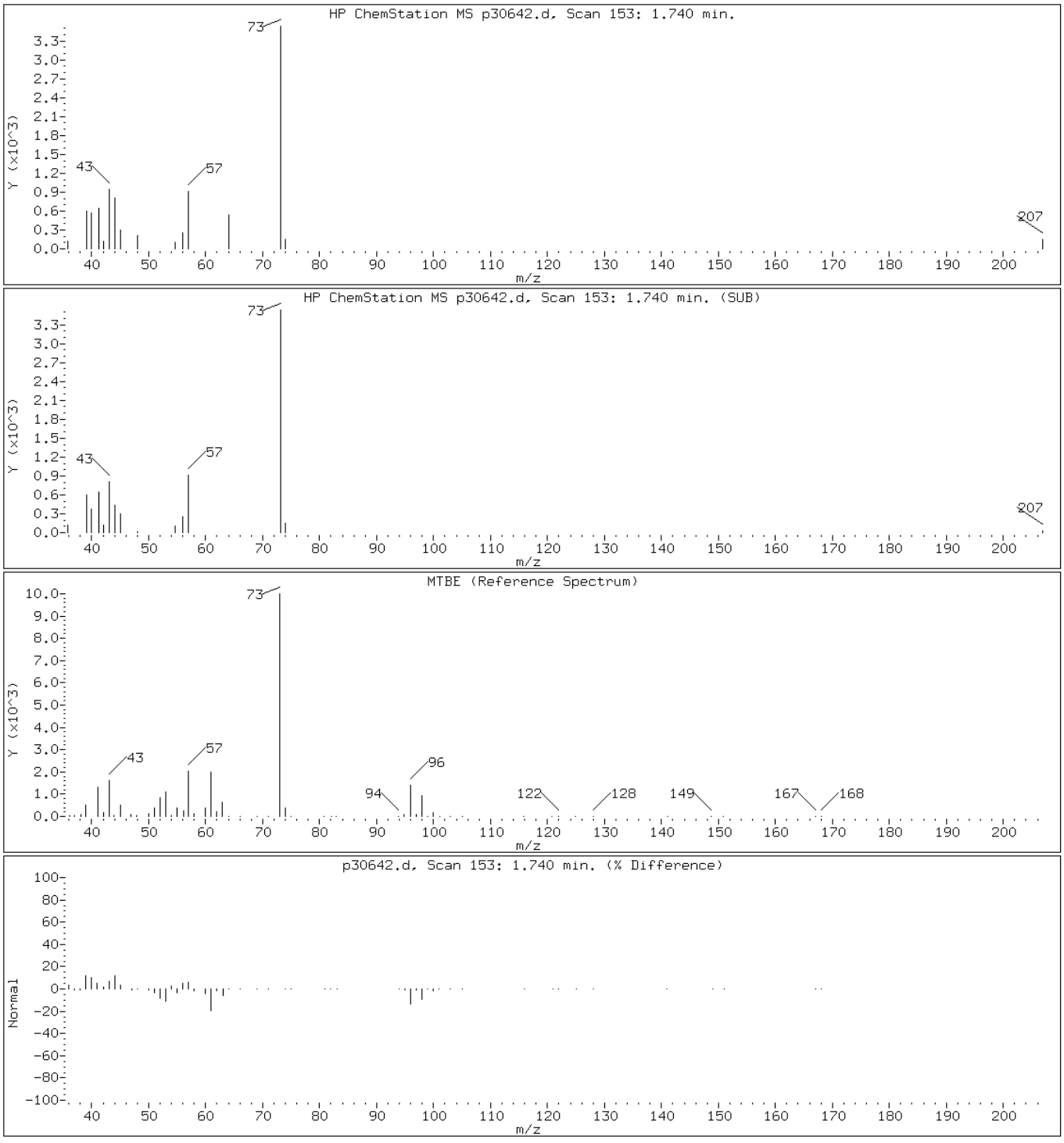
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

28 MTBE



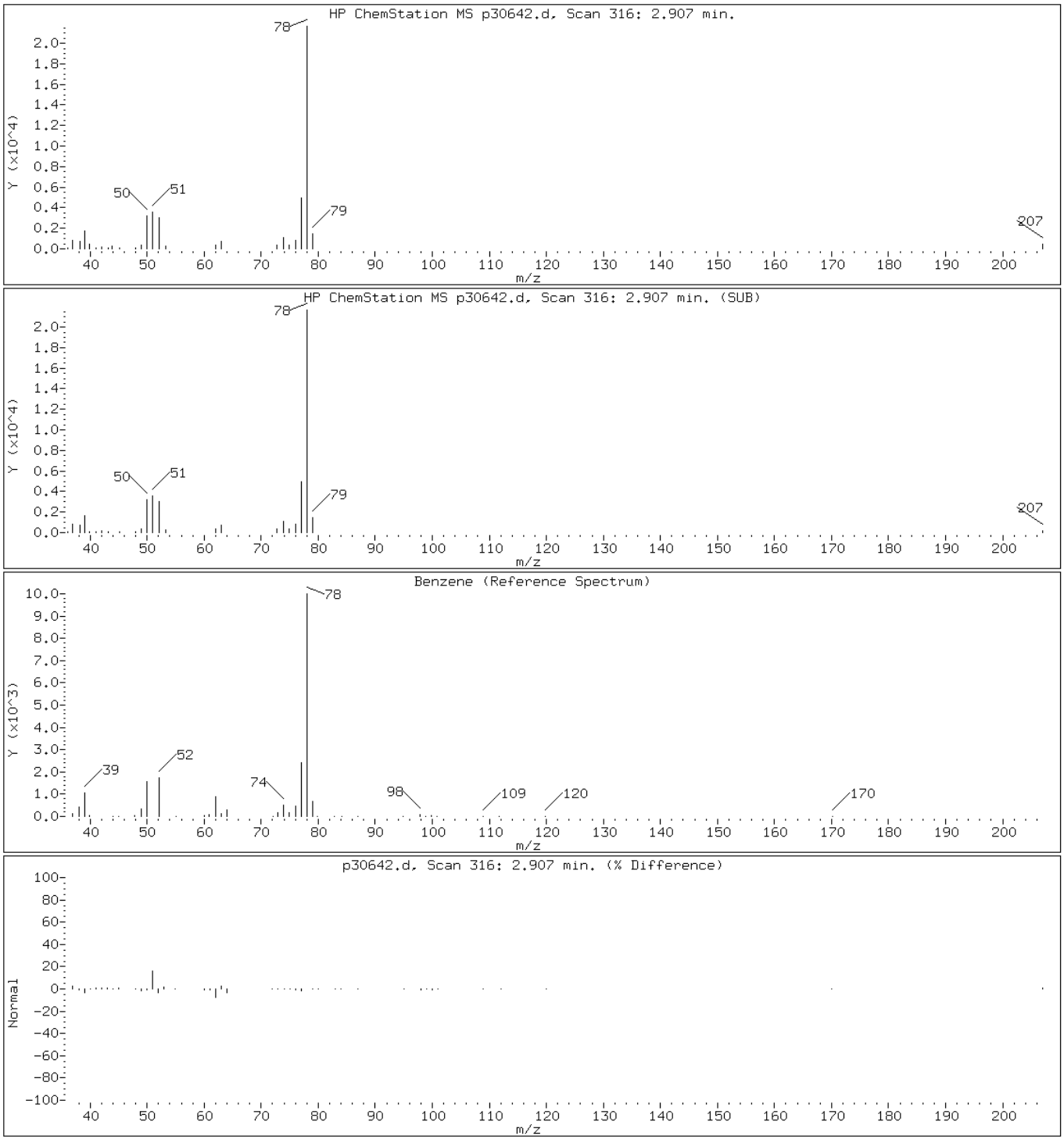
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

48 Benzene



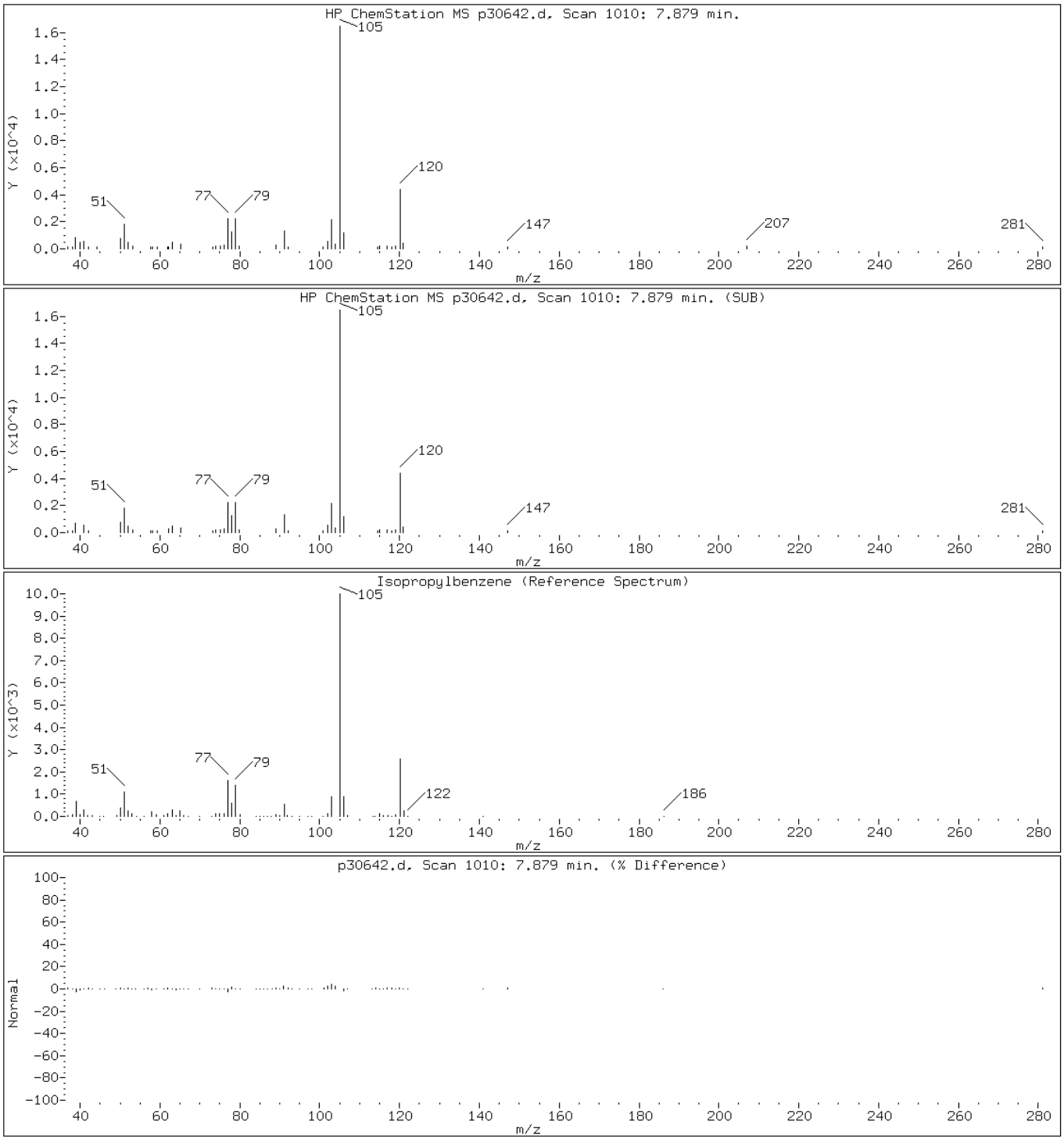
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

88 Isopropylbenzene



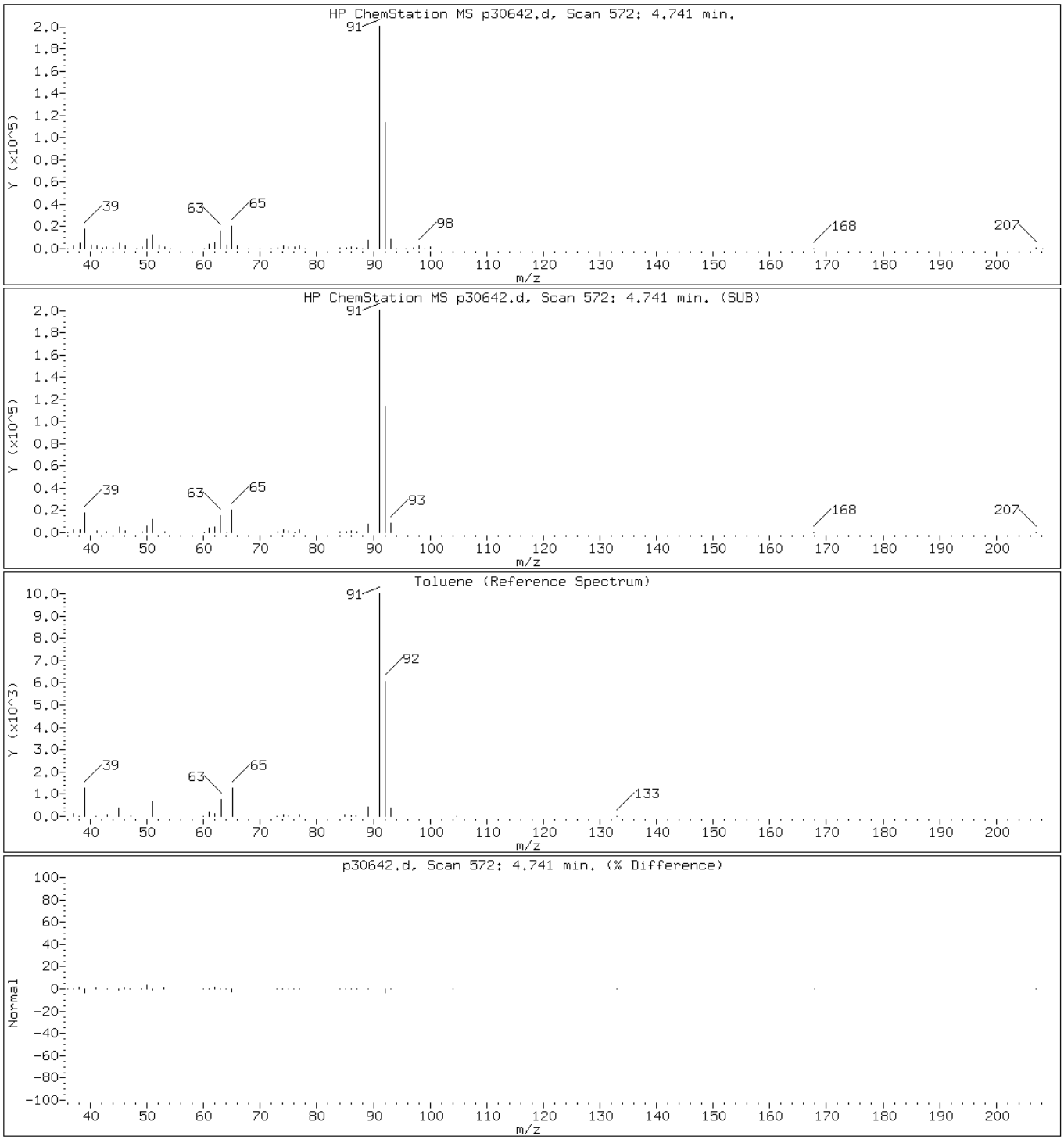
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

66 Toluene



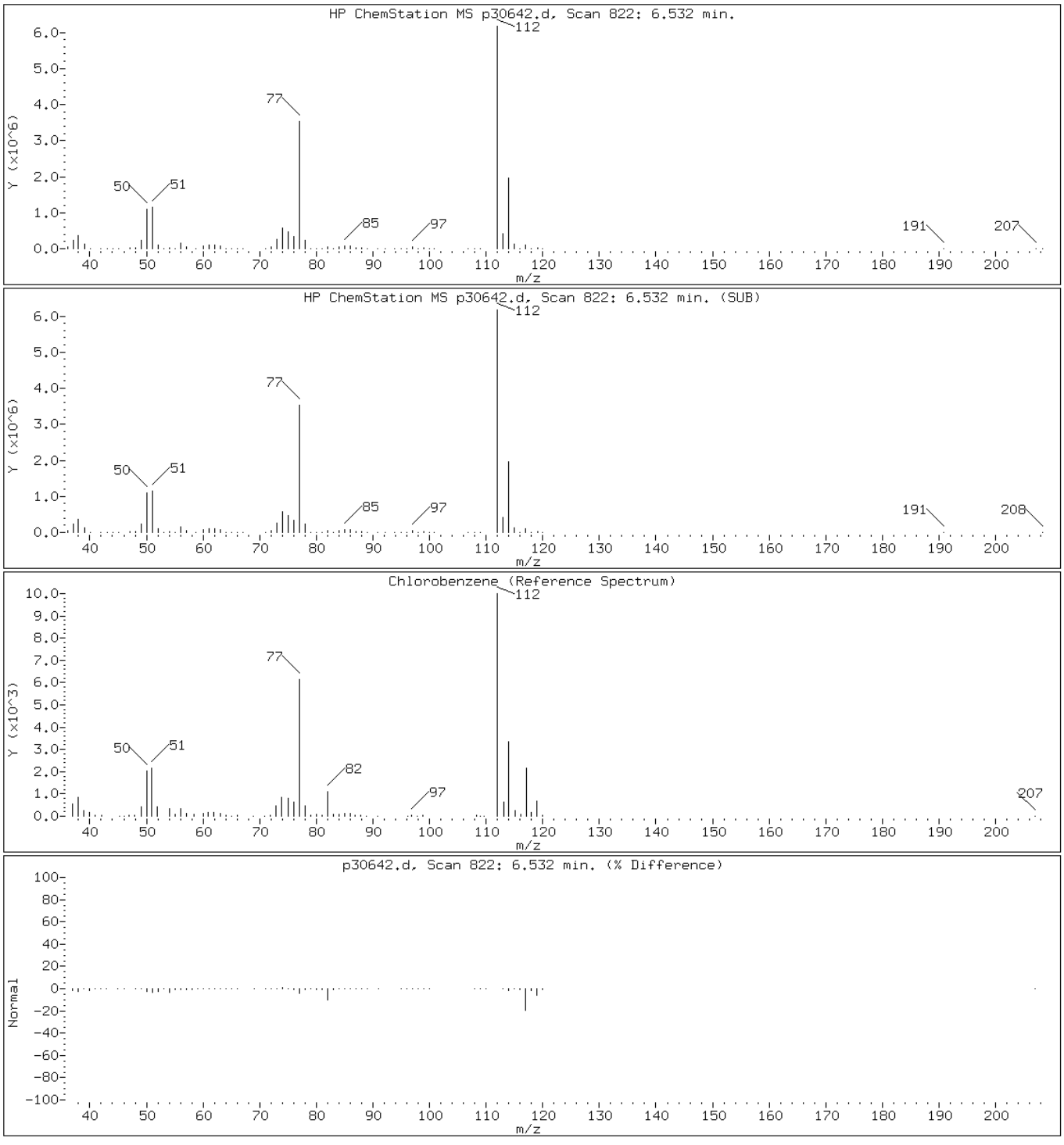
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

79 Chlorobenzene



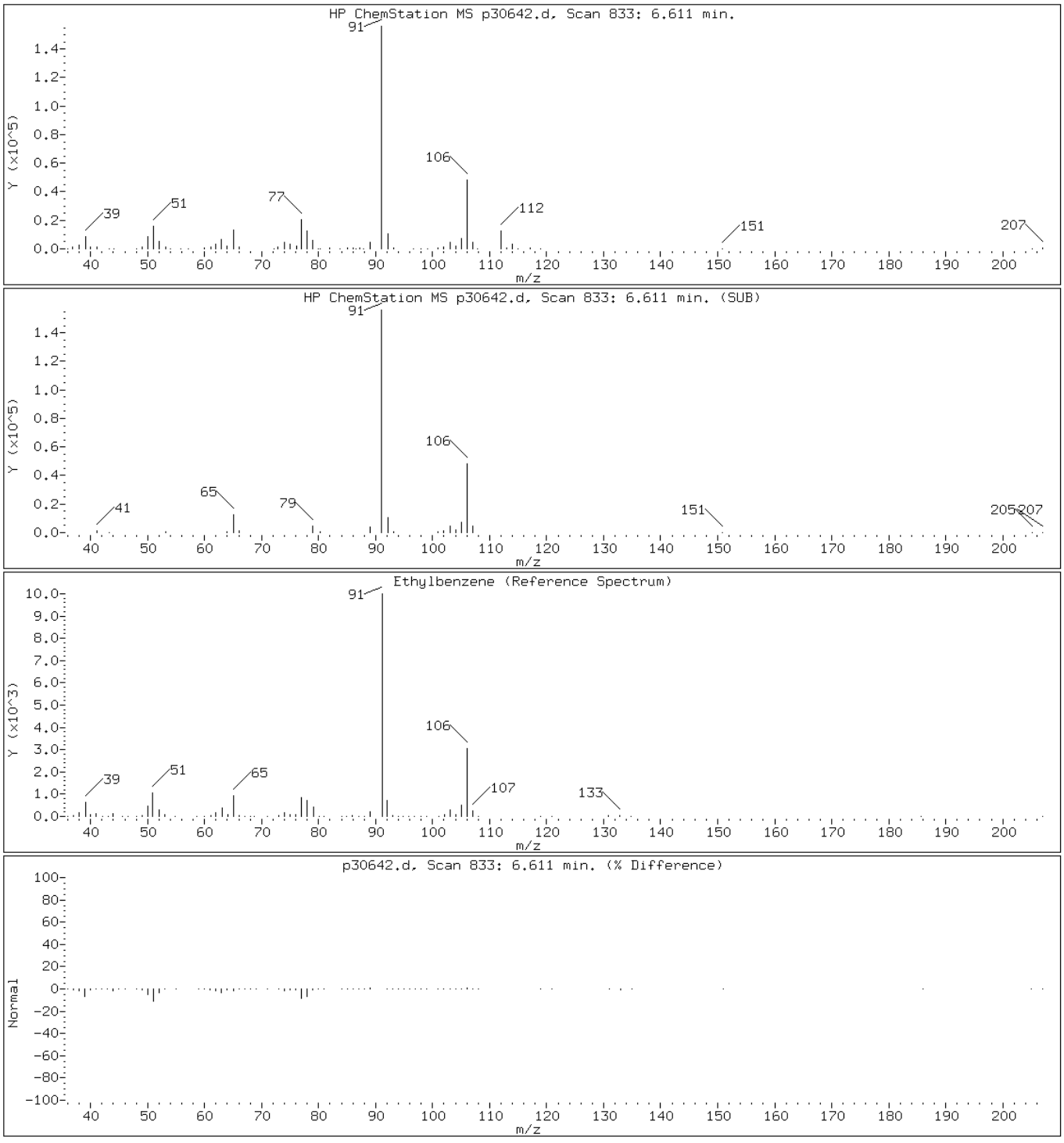
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

81 Ethylbenzene



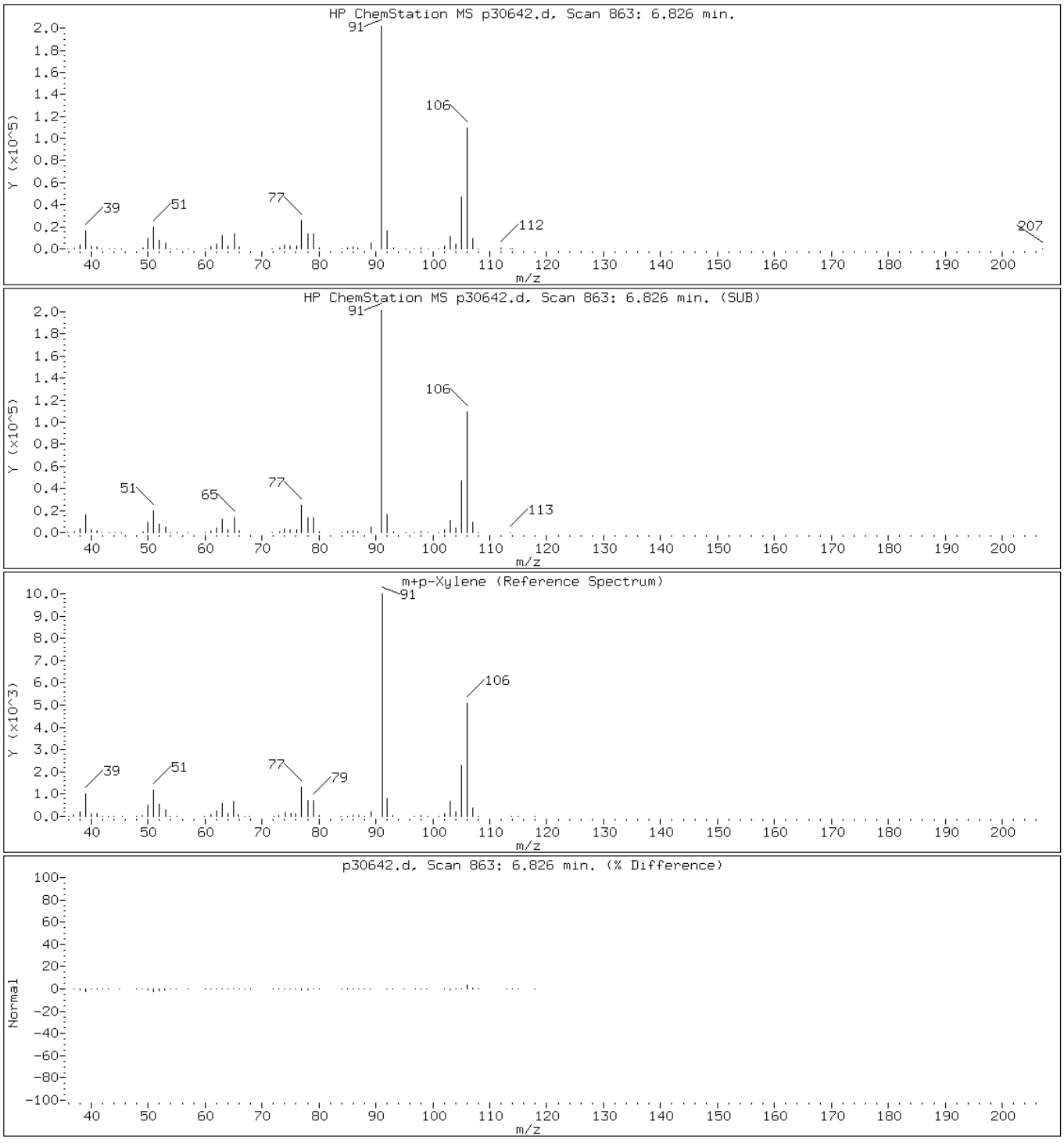
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

82 m+p-Xylene



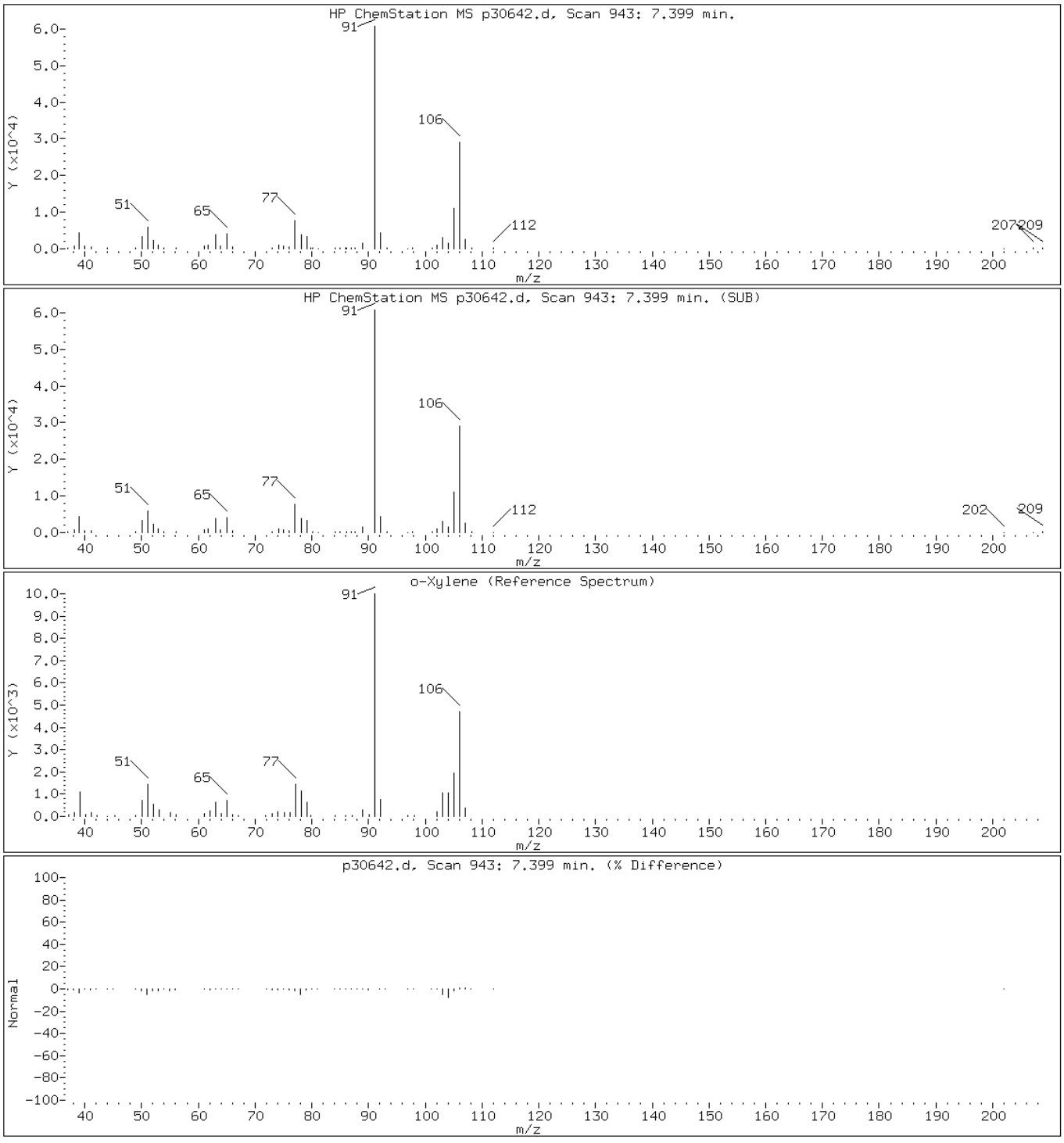
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

84 o-Xylene



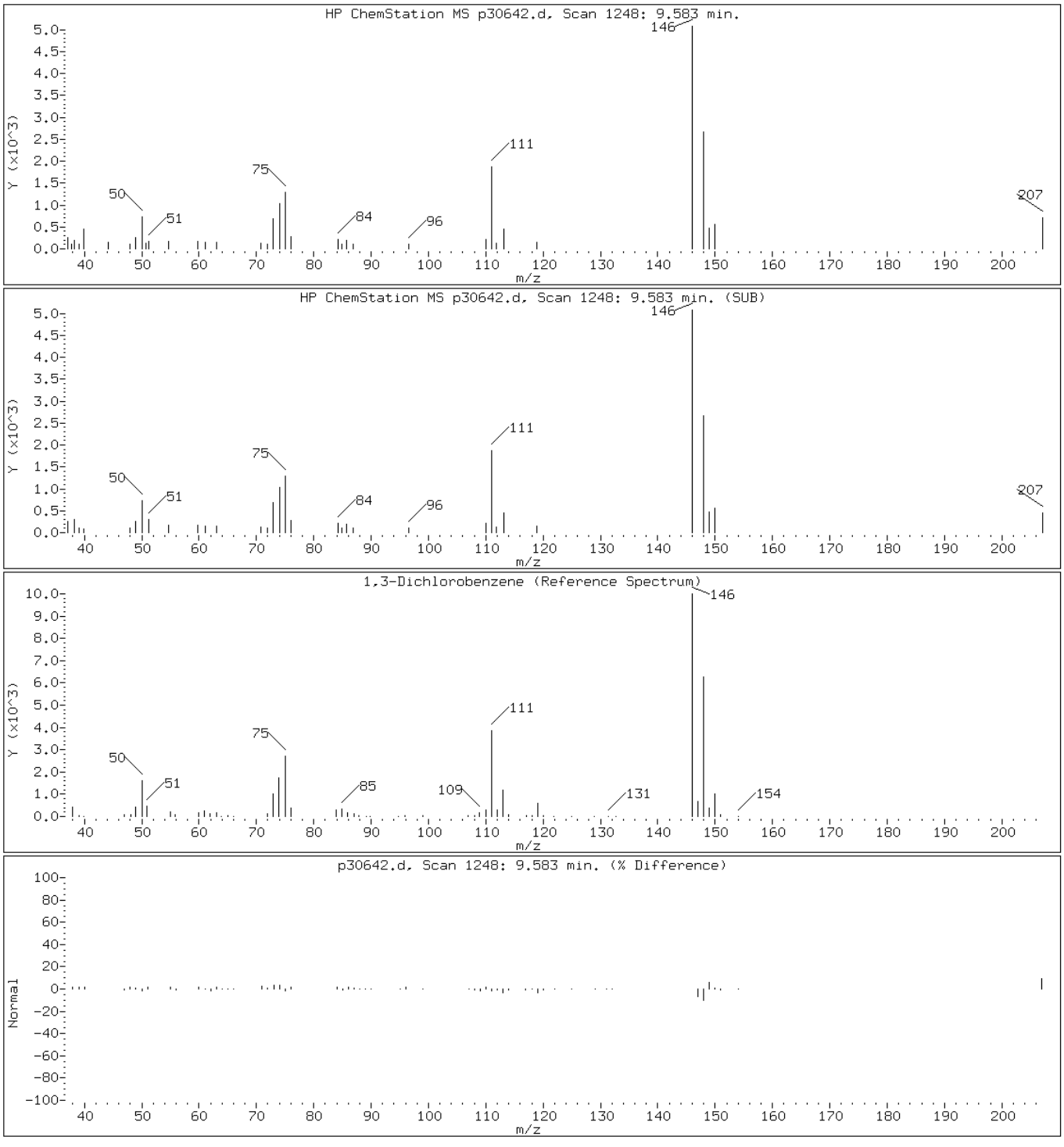
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

105 1,3-Dichlorobenzene



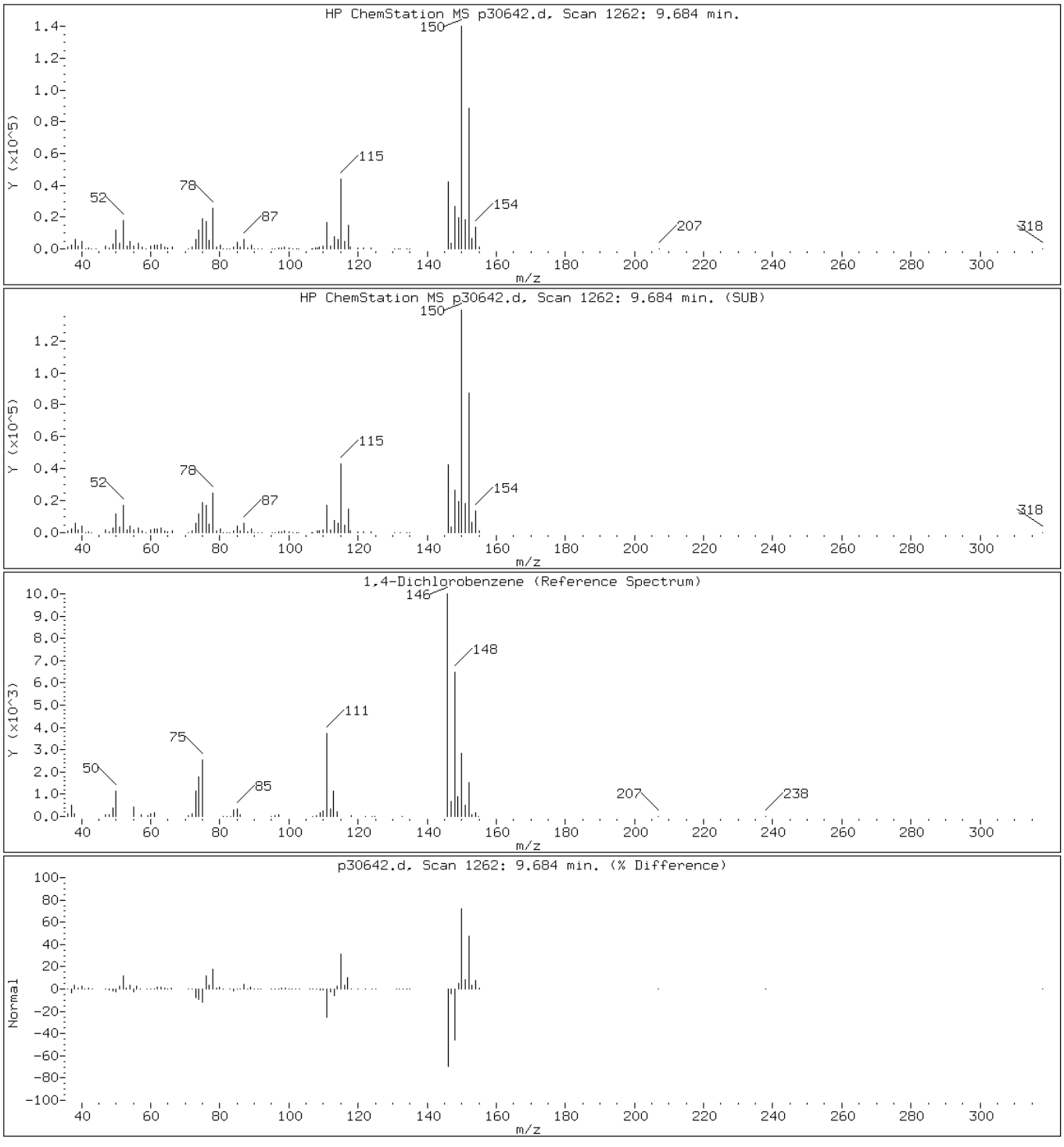
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

109 1,4-Dichlorobenzene



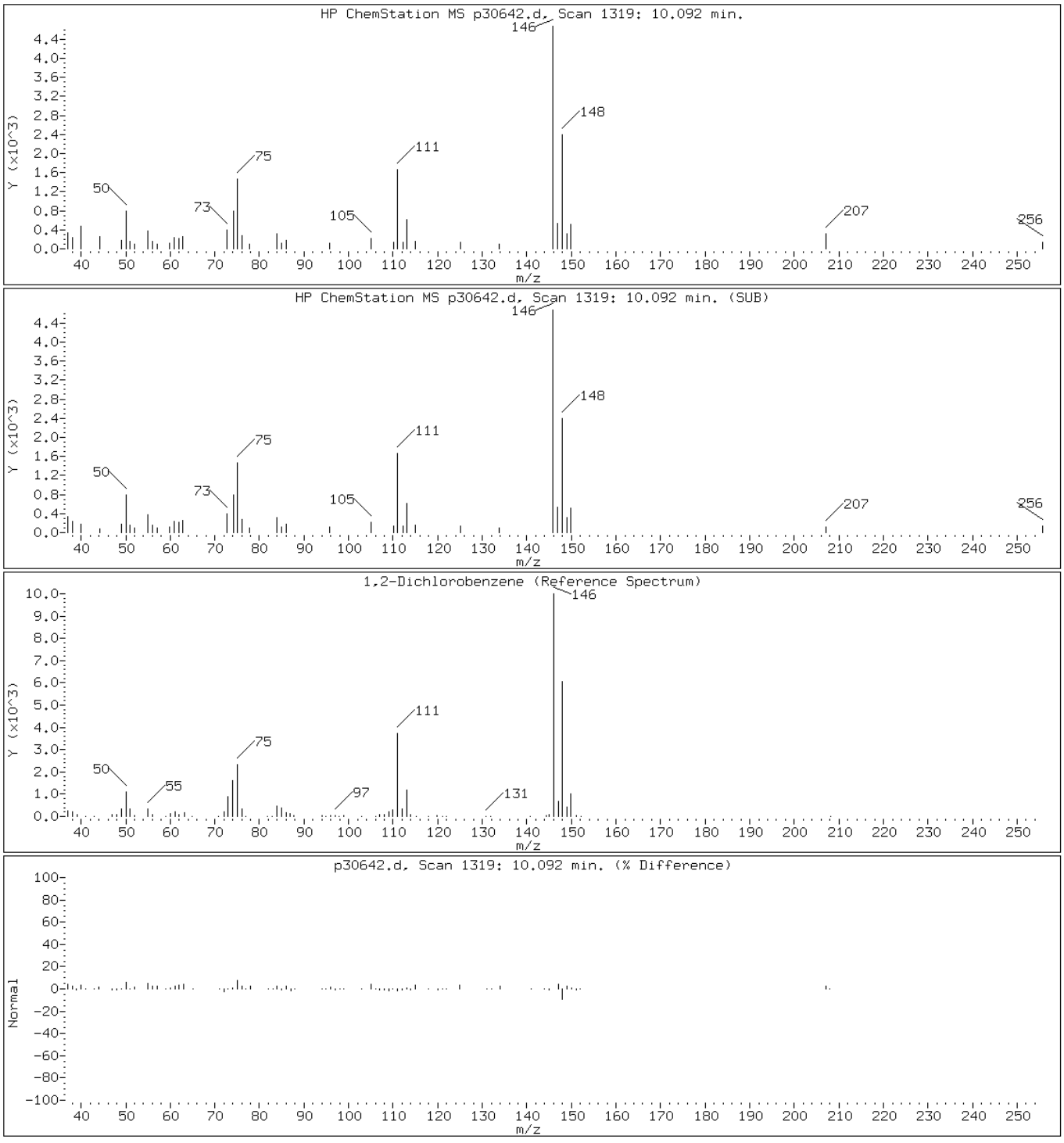
Data File: p30642.d

Date: 31-AUG-2009 18:53

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1 Operator:

111 1,2-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-09 Lab Sample ID: 460-4869-1 DL

Matrix: Water Lab File ID: p30511.d

Analysis Method: 8260B Date Collected: 08/19/2009 09:00

Sample wt/vol: 5(mL) Date Analyzed: 08/26/2009 06:13

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15245 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	870		5.0	0.80

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	56-125	
2037-26-5	Toluene-d8 (Surr)	91	72-127	
460-00-4	Bromofluorobenzene	113	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30511.d
Report Date: 26-Aug-2009 10:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30511.d
Lab Smp Id: 460-4869-E-1 Client Smp ID: GW-017338-081909-AC
Inj Date : 26-AUG-2009 06:13
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-E-1;5
Misc Info : 460-4869-E-1
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/8260_09.m
Meth Date : 25-Aug-2009 22:40 ken Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 19
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	93965	48.1668	48
	48 Benzene	78	2.913	2.905	(0.448)	5930	0.35709	1.8(a)
*	52 Fluorobenzene	96	3.235	3.228	(1.000)	802941	50.0000	
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	356825	45.7142	46
	66 Toluene	91	4.746	4.739	(0.730)	60131	3.59346	18
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	631936	50.0000	
	79 Chlorobenzene	112	6.523	6.522	(1.003)	1950557	174.328	870
	81 Ethylbenzene	106	6.609	6.608	(1.017)	14555	2.47342	12
	82 m+p-Xylene	106	6.824	6.823	(1.050)	31633	4.27946	21
	84 o-Xylene	106	7.397	7.396	(1.138)	9257	1.31455	6.6
	88 Isopropylbenzene	105	7.884	7.883	(1.213)	5816	0.34047	1.7(a)
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	262262	56.5194	56
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	333083	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.681	(1.001)	10688	1.11555	5.6
M	121 Xylene (Total)	100				40890	5.62047	28

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30511.d
Report Date: 26-Aug-2009 10:03

QC Flag Legend

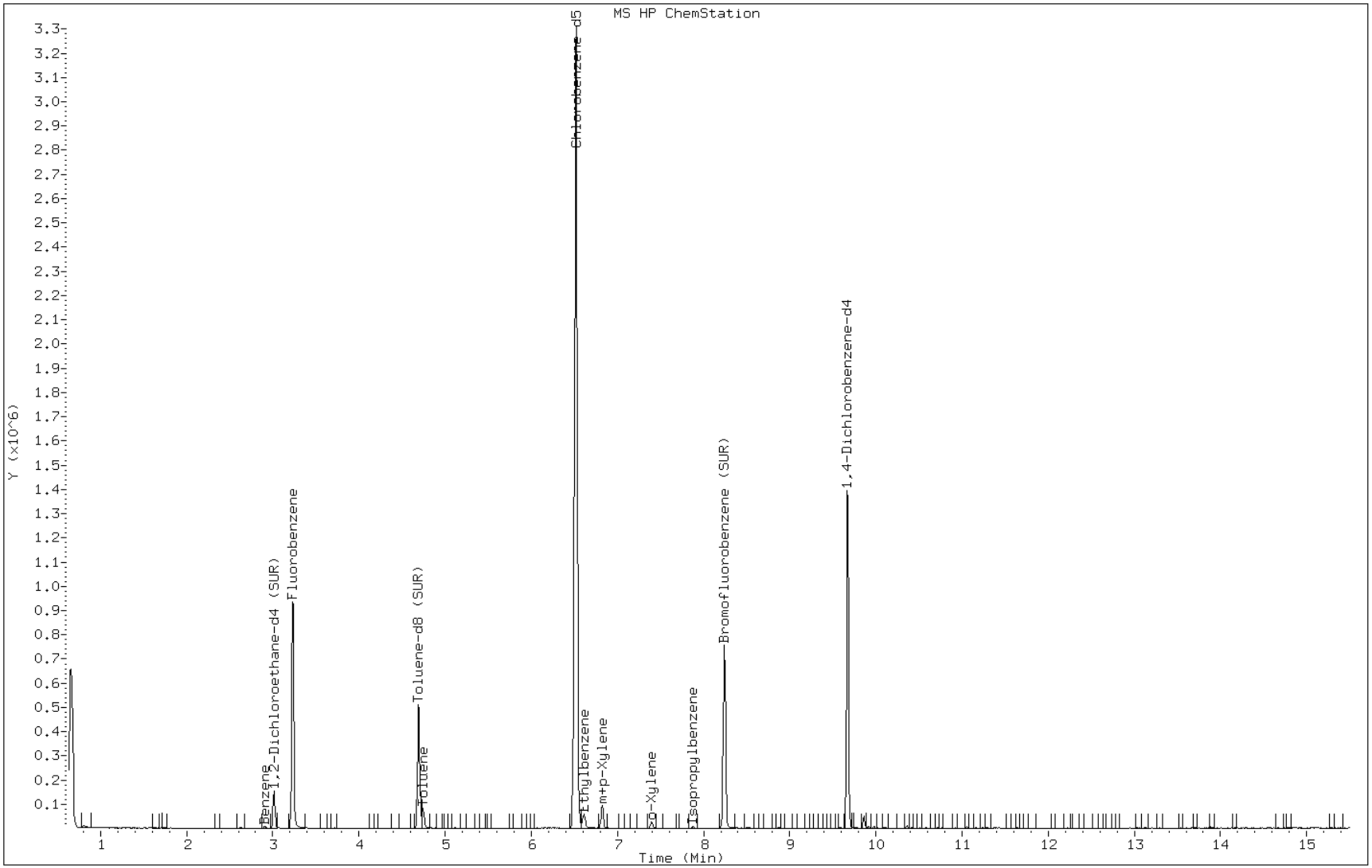
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p30511.d

Date: 26-AUG-2009 06:13

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1;5 Operator:



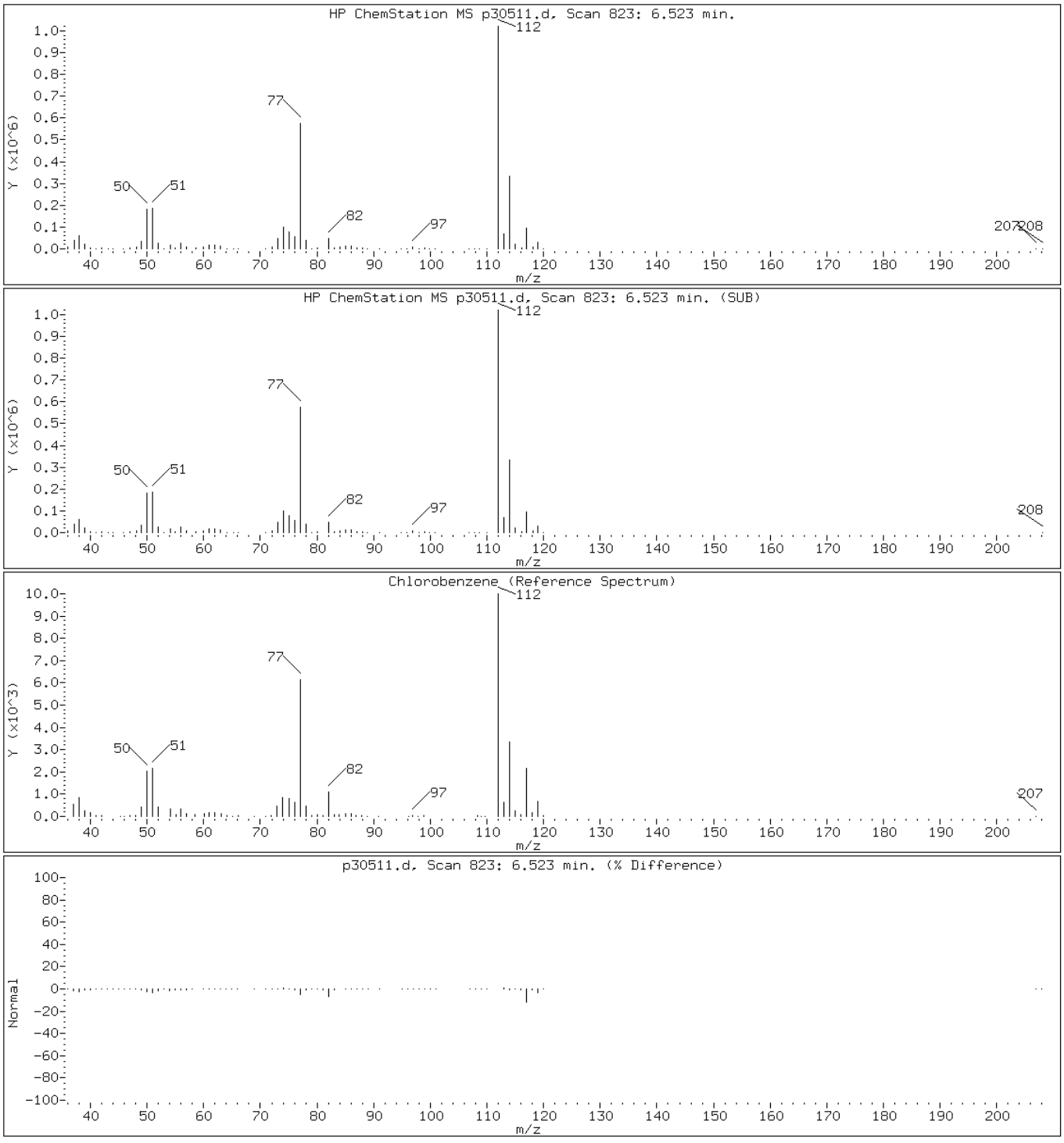
Data File: p30511.d

Date: 26-AUG-2009 06:13

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-1;5 Operator:

79 Chlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-10 | Lab Sample ID: 460-4869-2

Matrix: Water | Lab File ID: p30644.d

Analysis Method: 8260B | Date Collected: 08/19/2009 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/31/2009 19:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15720 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	0.58	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	2.2		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.9		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-10 | Lab Sample ID: 460-4869-2

Matrix: Water | Lab File ID: p30644.d

Analysis Method: 8260B | Date Collected: 08/19/2009 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/31/2009 19:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15720 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	16		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1100	E	1.0	0.16
100-41-4	Ethylbenzene	13		1.0	0.25
1330-20-7	Xylenes, Total	29		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	0.81	J	1.0	0.22
106-46-7	1,4-Dichlorobenzene	6.7		1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.70	J	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	56-125	
2037-26-5	Toluene-d8 (Surr)	96	72-127	
460-00-4	Bromofluorobenzene	110	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30644.d
Report Date: 01-Sep-2009 11:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30644.d
Lab Smp Id: 460-4869-E-2 Client Smp ID: GW-017338-081909-AC
Inj Date : 31-AUG-2009 19:43
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-E-2
Misc Info : 460-4869-E-2
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/8260_09.m
Meth Date : 31-Aug-2009 10:13 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	1.740	1.740	(0.539)	6646	0.58284	0.58(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.008	(0.933)	119639	46.2907	46
	48 Benzene	78	2.900	2.900	(0.445)	35553	2.22344	2.2
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	839230	50.0000	
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	387200	47.7598	48
	66 Toluene	91	4.741	4.741	(0.728)	281788	15.6146	16
*	78 Chlorobenzene-d5	117	6.511	6.503	(1.000)	676940	50.0000	
	79 Chlorobenzene	112	6.532	6.518	(1.003)	12472875	1096.08	1100(A)
	81 Ethylbenzene	106	6.611	6.611	(1.015)	75160	12.5557	12
	82 m+p-Xylene	106	6.826	6.826	(1.048)	167495	22.4738	22
	84 o-Xylene	106	7.399	7.399	(1.136)	45204	6.39075	6.4
	88 Isopropylbenzene	105	7.879	7.879	(1.210)	33851	1.88480	1.9
$	89 Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	216854	54.8681	55
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	15020	0.73271	0.73(a)
	105 1,3-Dichlorobenzene	146	9.583	9.576	(0.991)	7347	0.81370	0.81(aH)
*	108 1,4-Dichlorobenzene-d4	152	9.669	9.670	(1.000)	347751	50.0000	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30644.d
Report Date: 01-Sep-2009 11:09

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	62321	6.67904	6.7
111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	6151	0.70265	0.70(a)
M 121 Xylene (Total)	100				212699	29.0319	29

QC Flag Legend

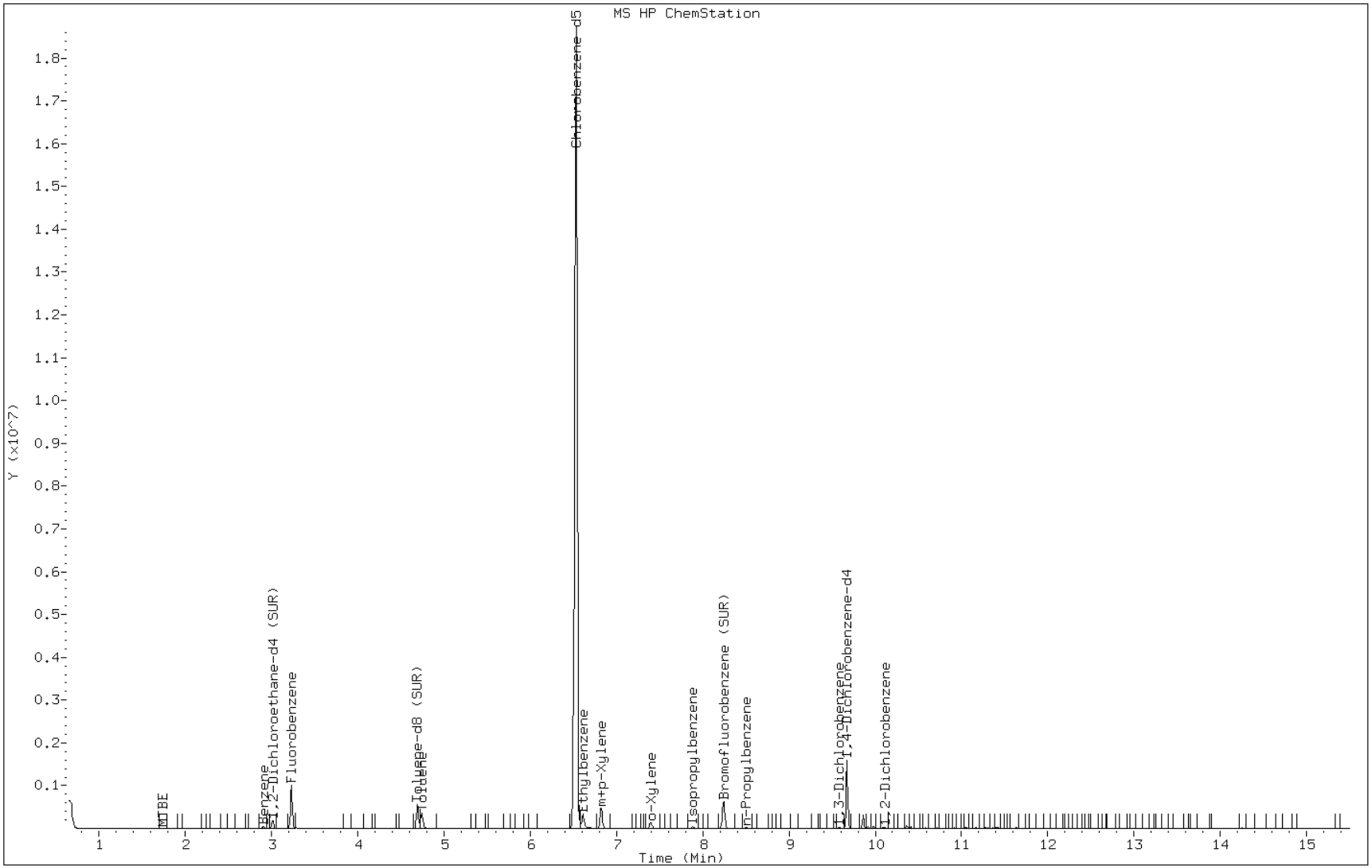
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:



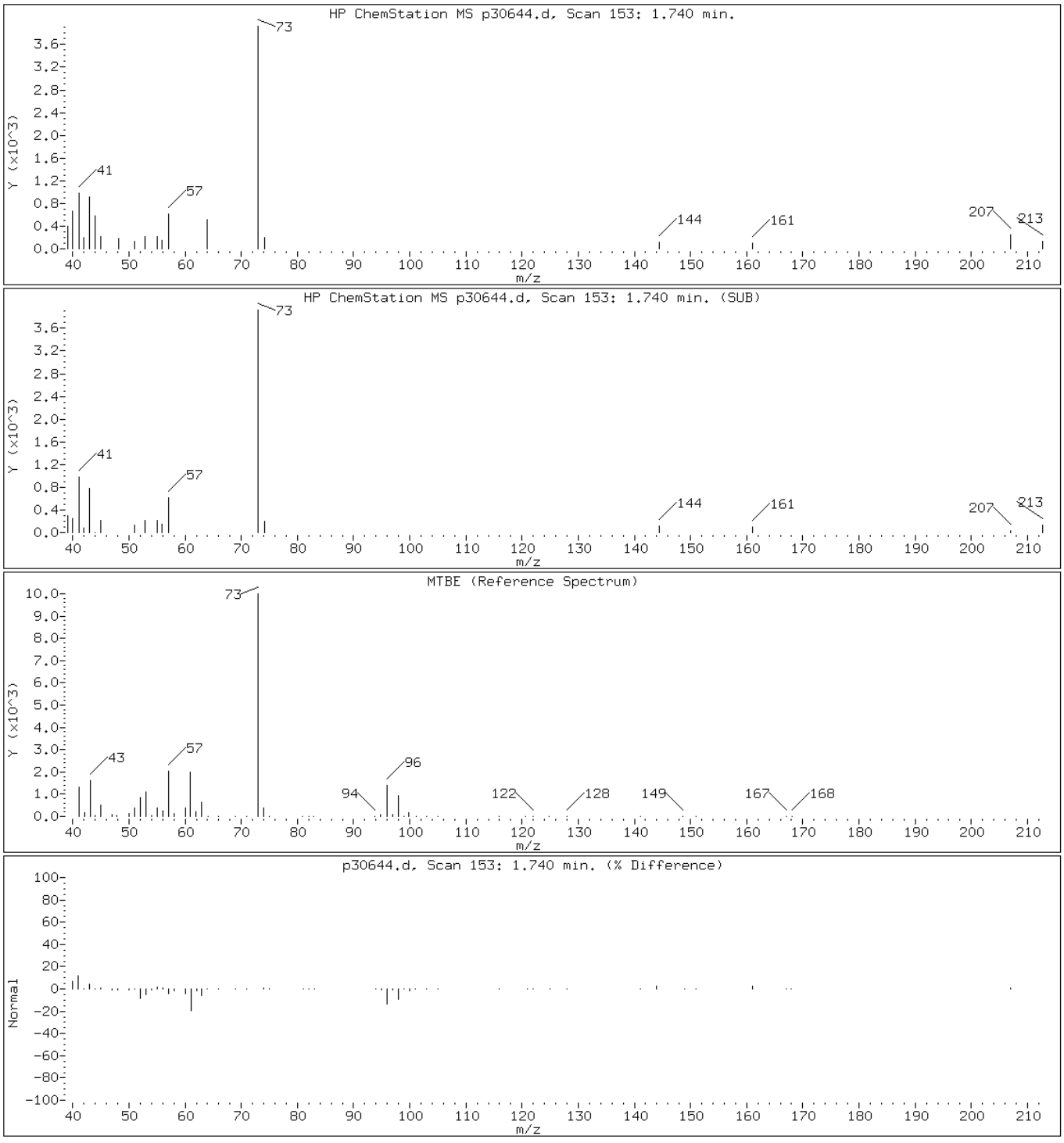
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

28 MTBE



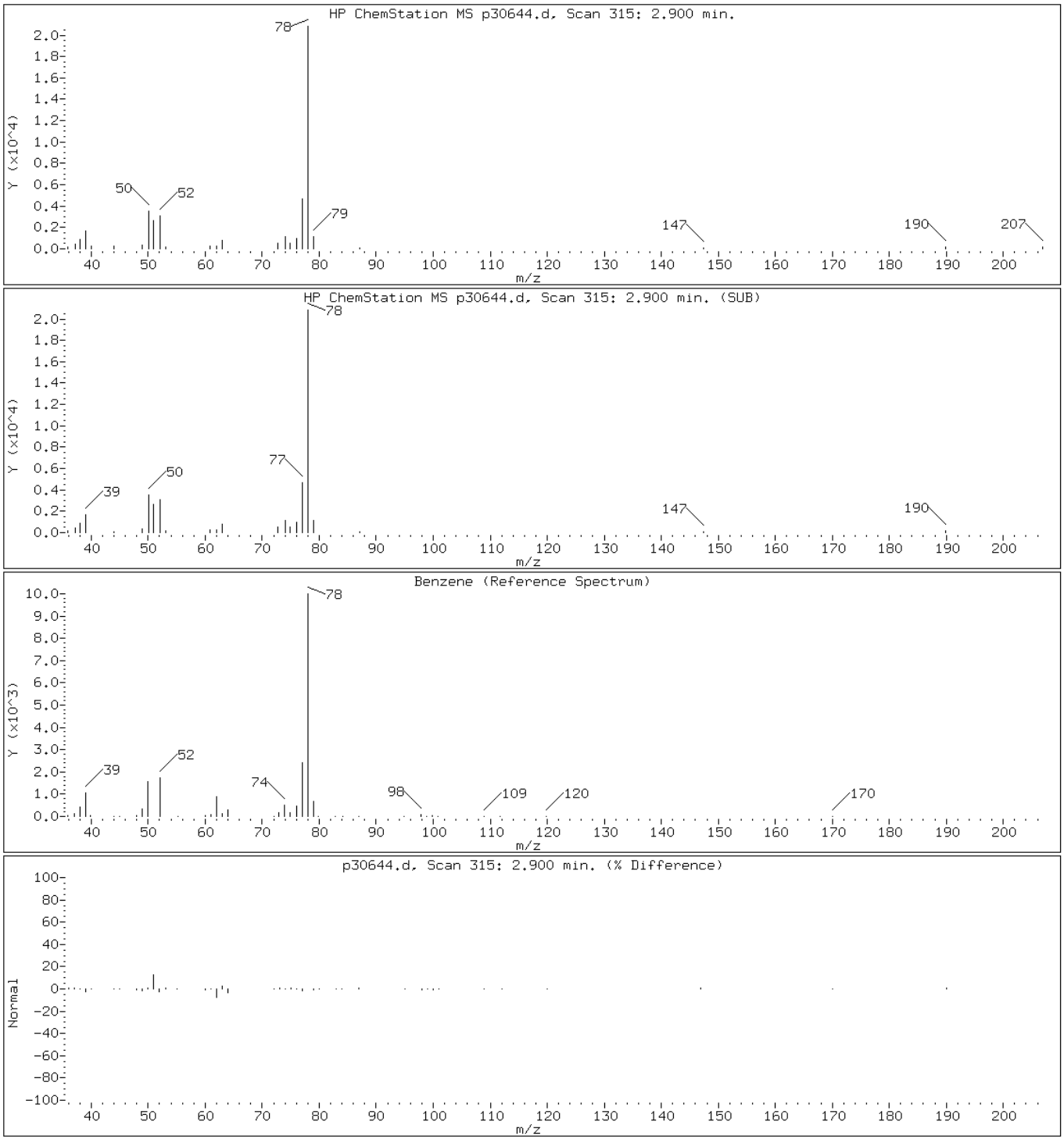
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

48 Benzene



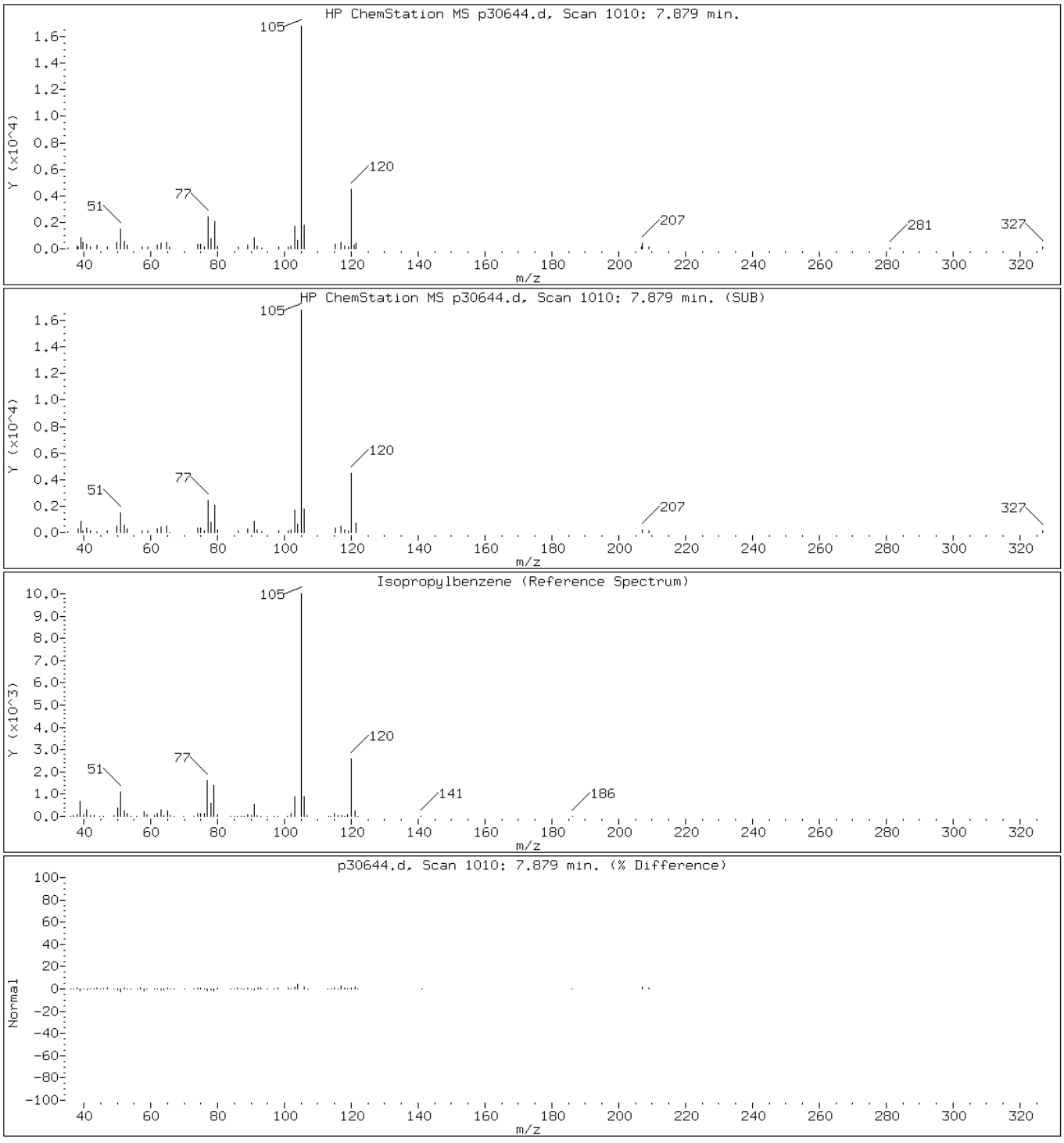
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

88 Isopropylbenzene



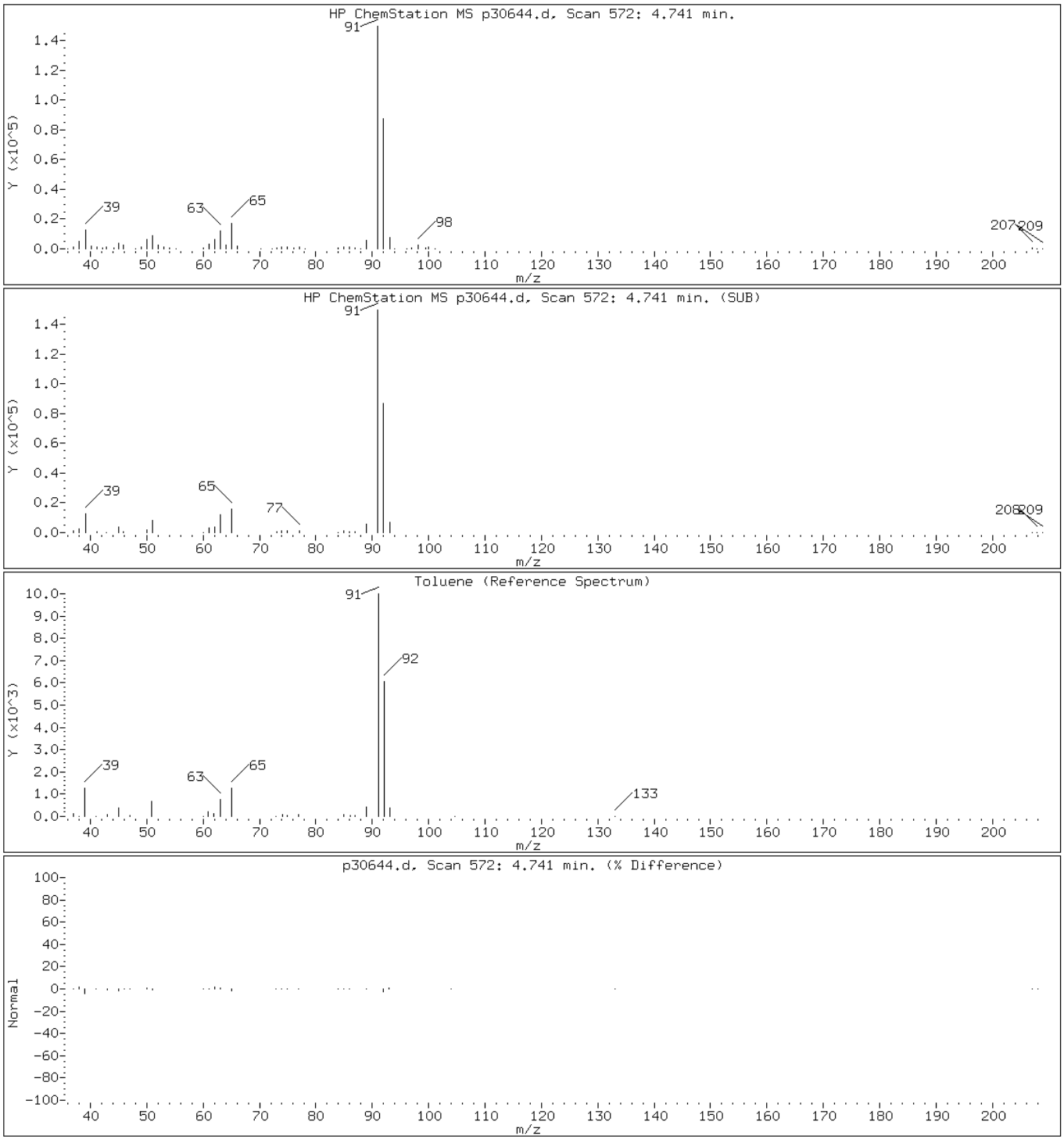
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

66 Toluene



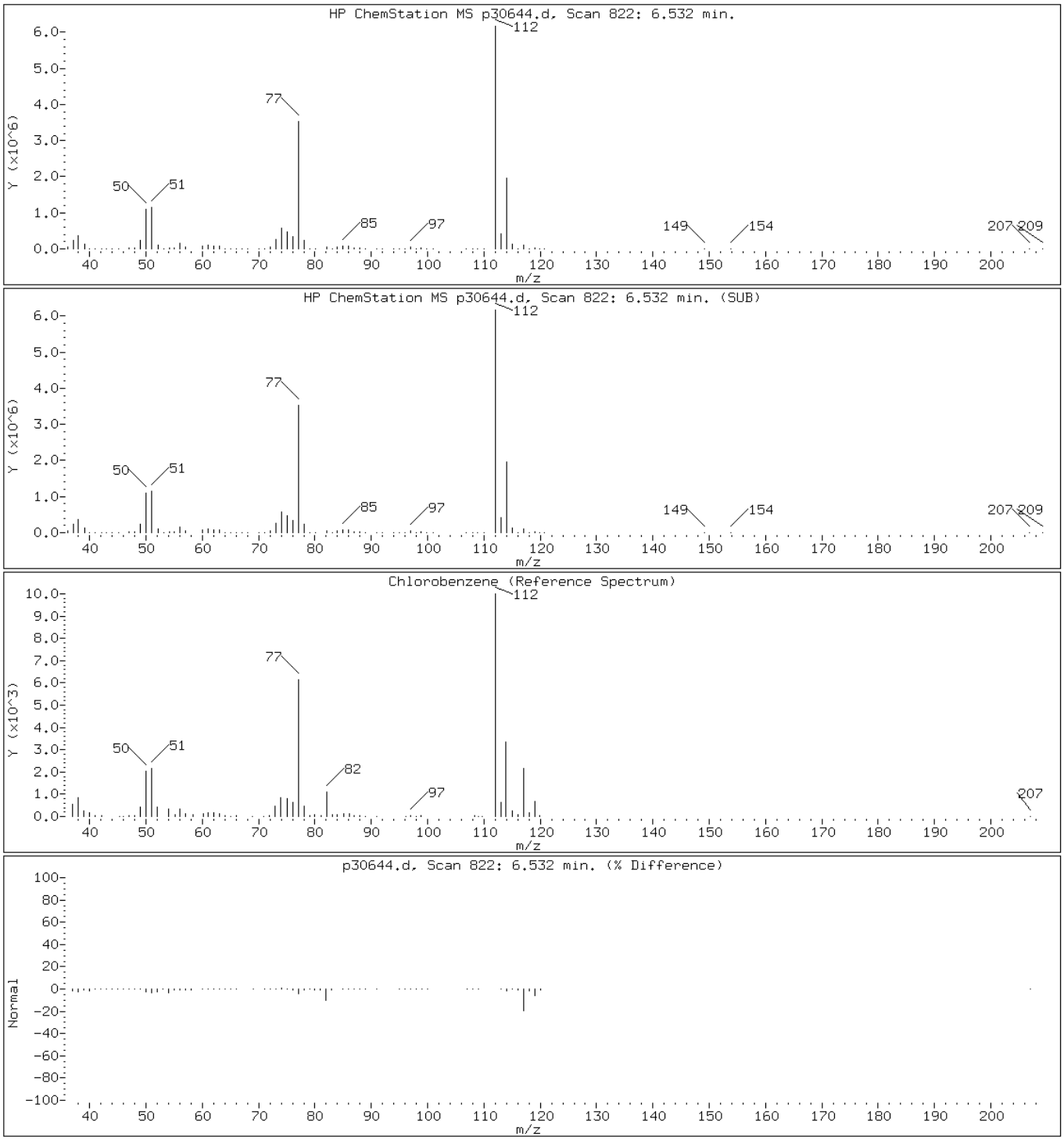
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

79 Chlorobenzene



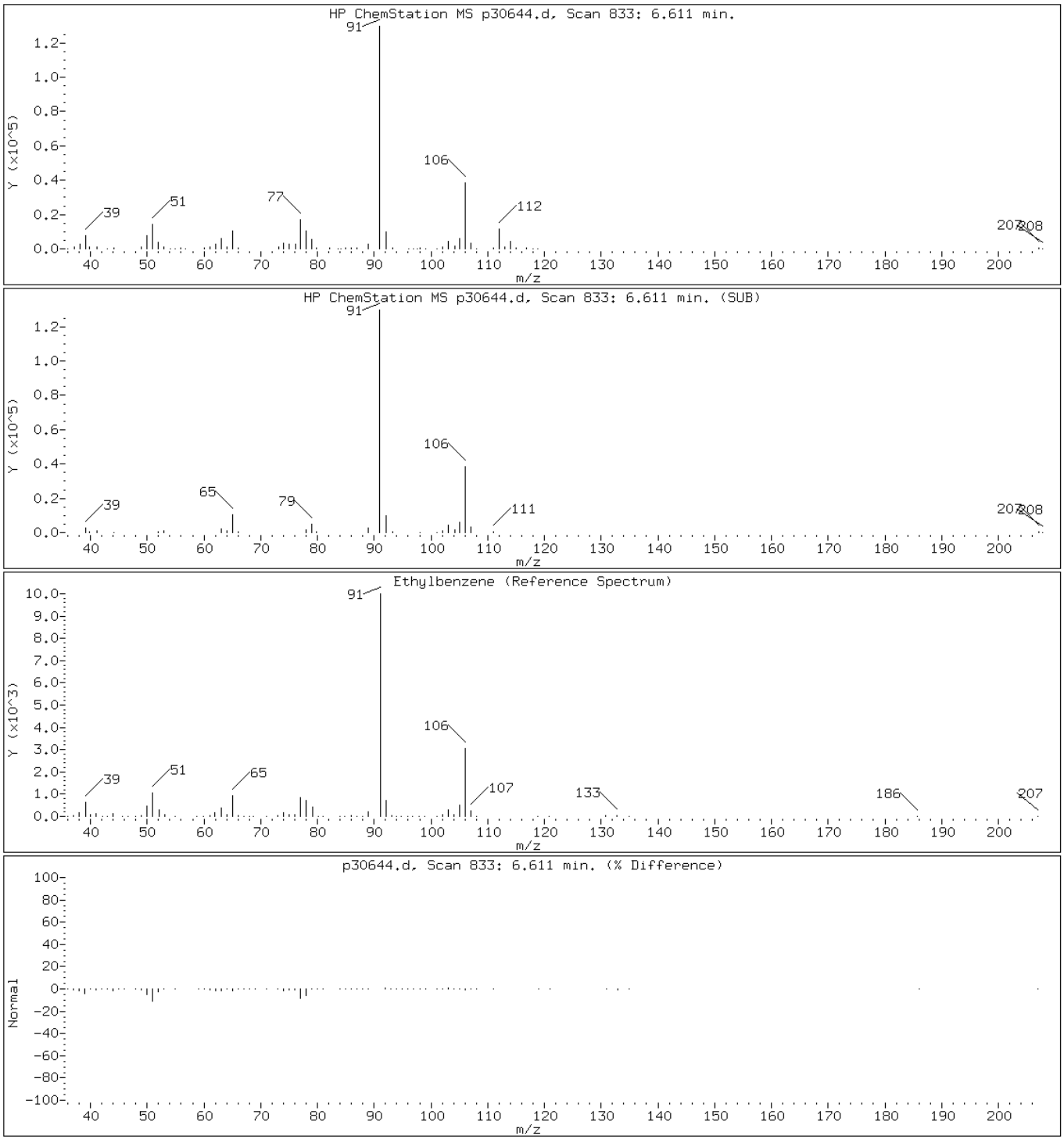
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

81 Ethylbenzene



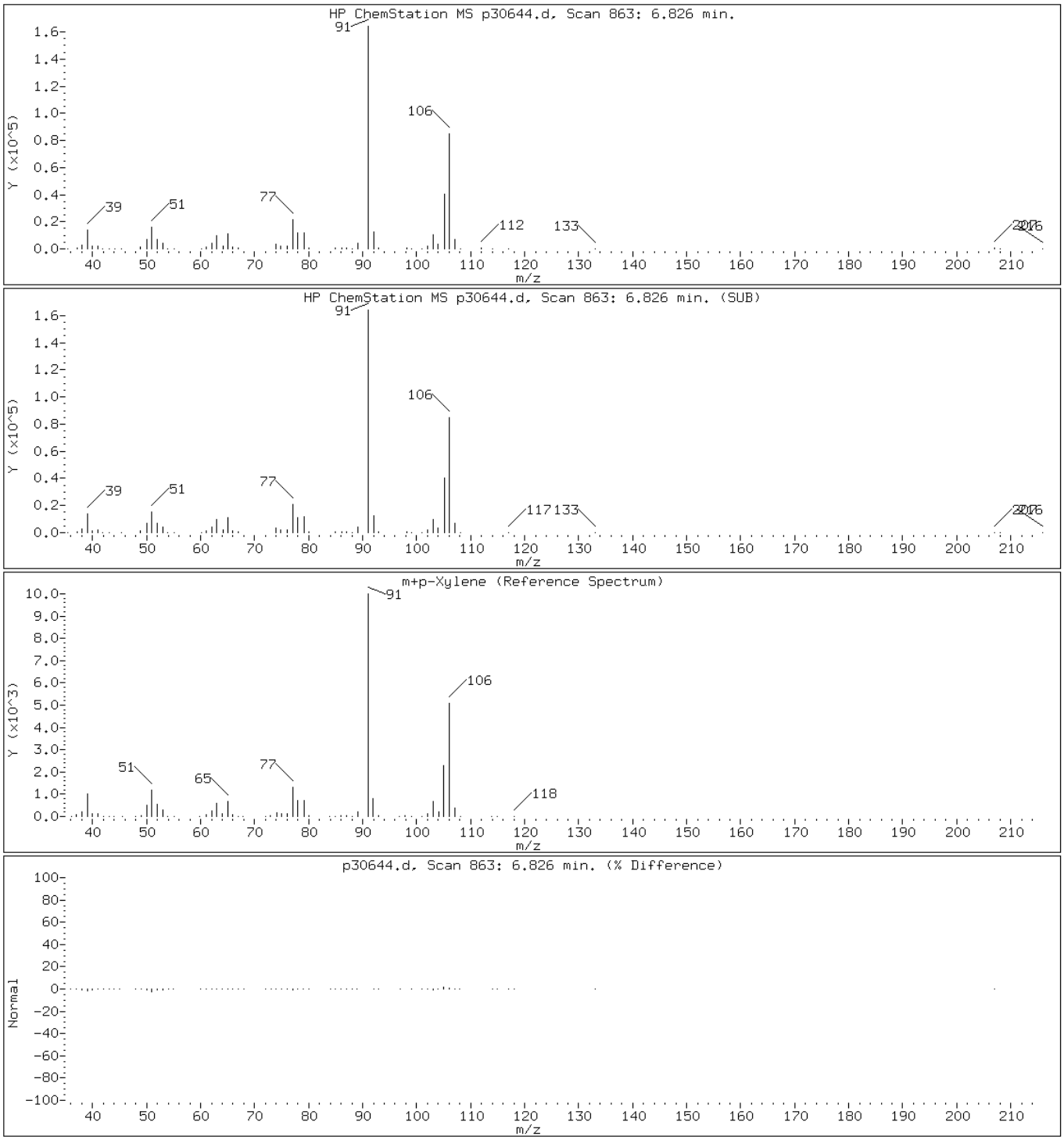
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

82 m+p-Xylene



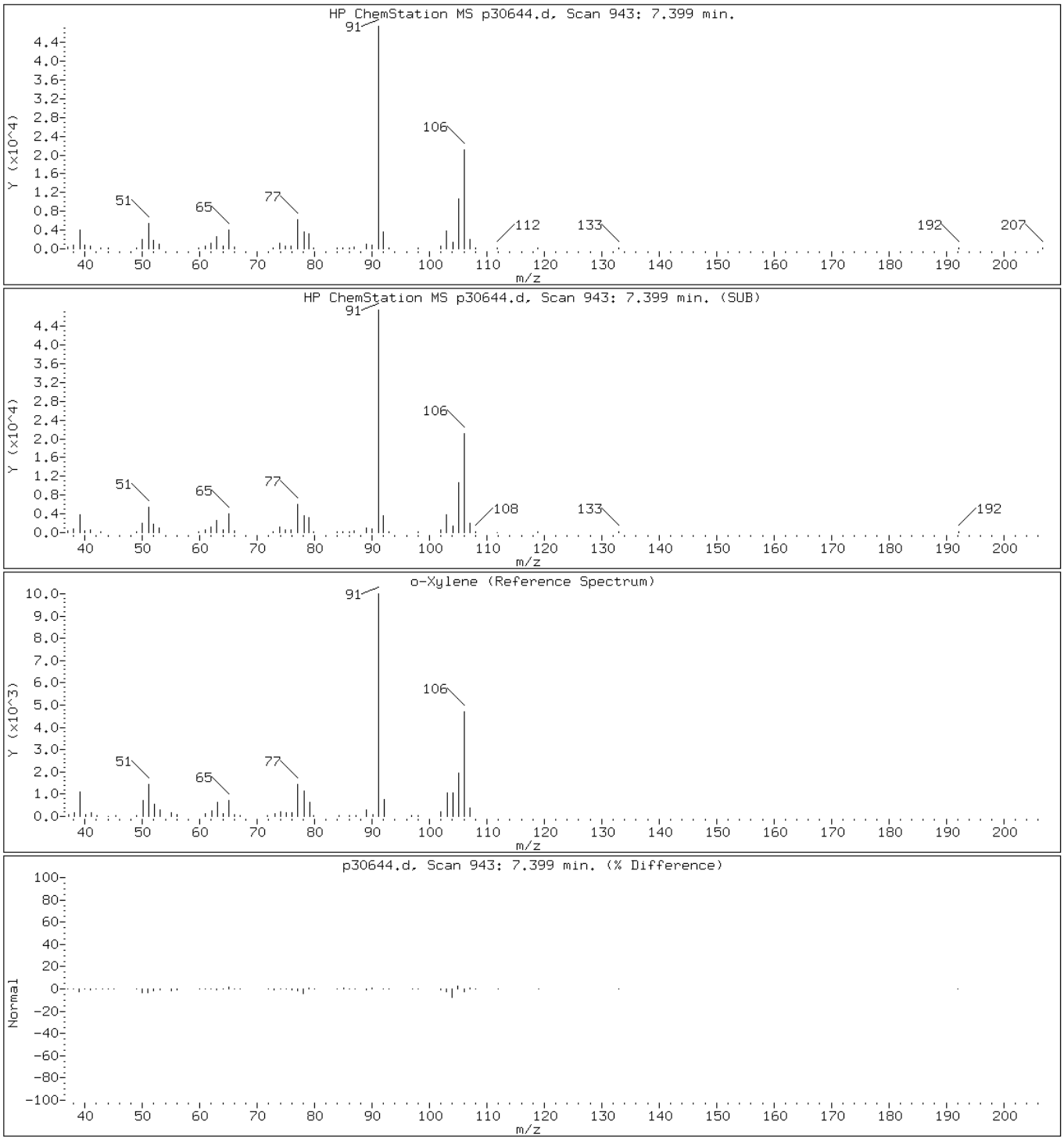
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

84 o-Xylene



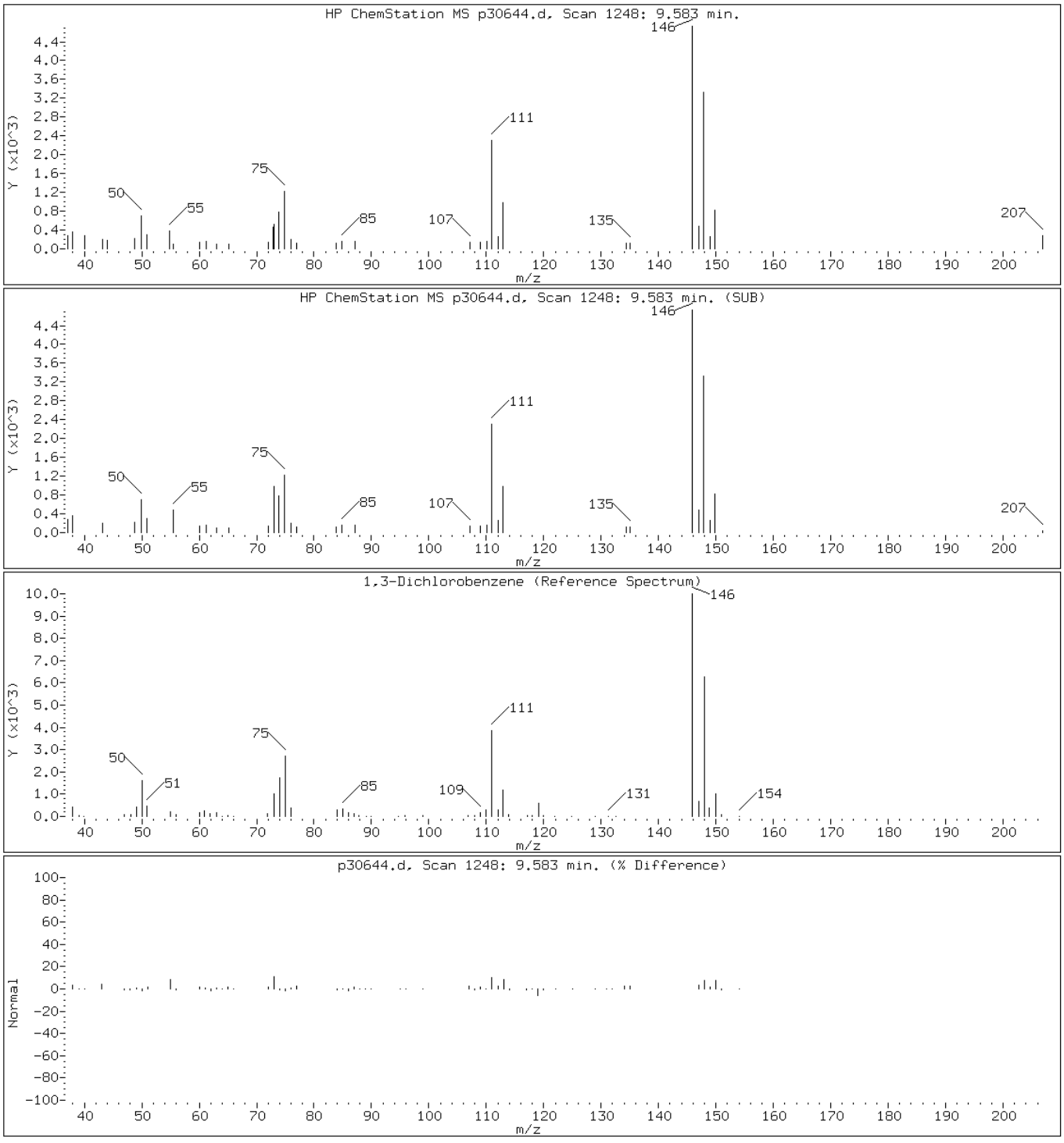
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

105 1,3-Dichlorobenzene



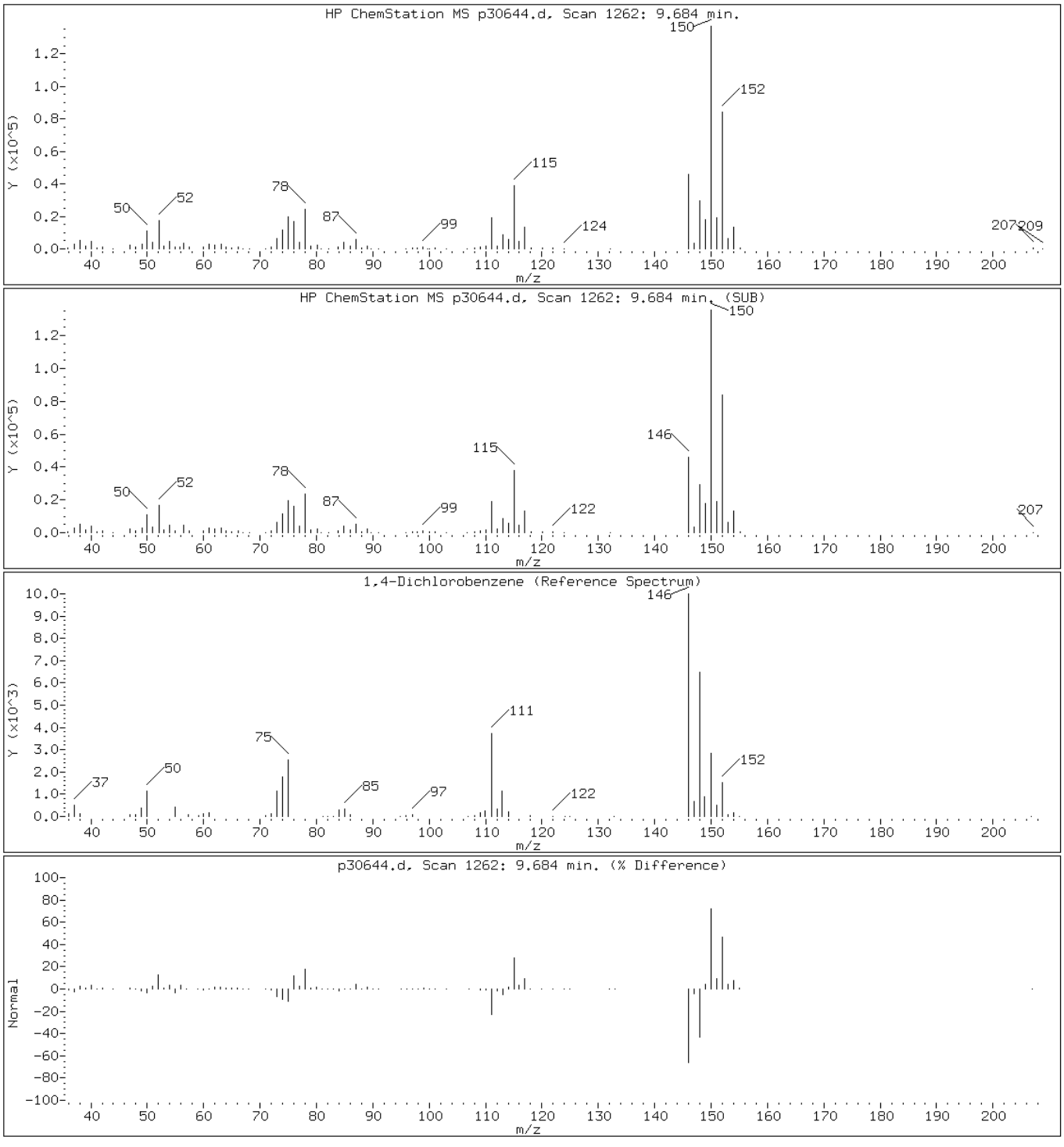
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

109 1,4-Dichlorobenzene



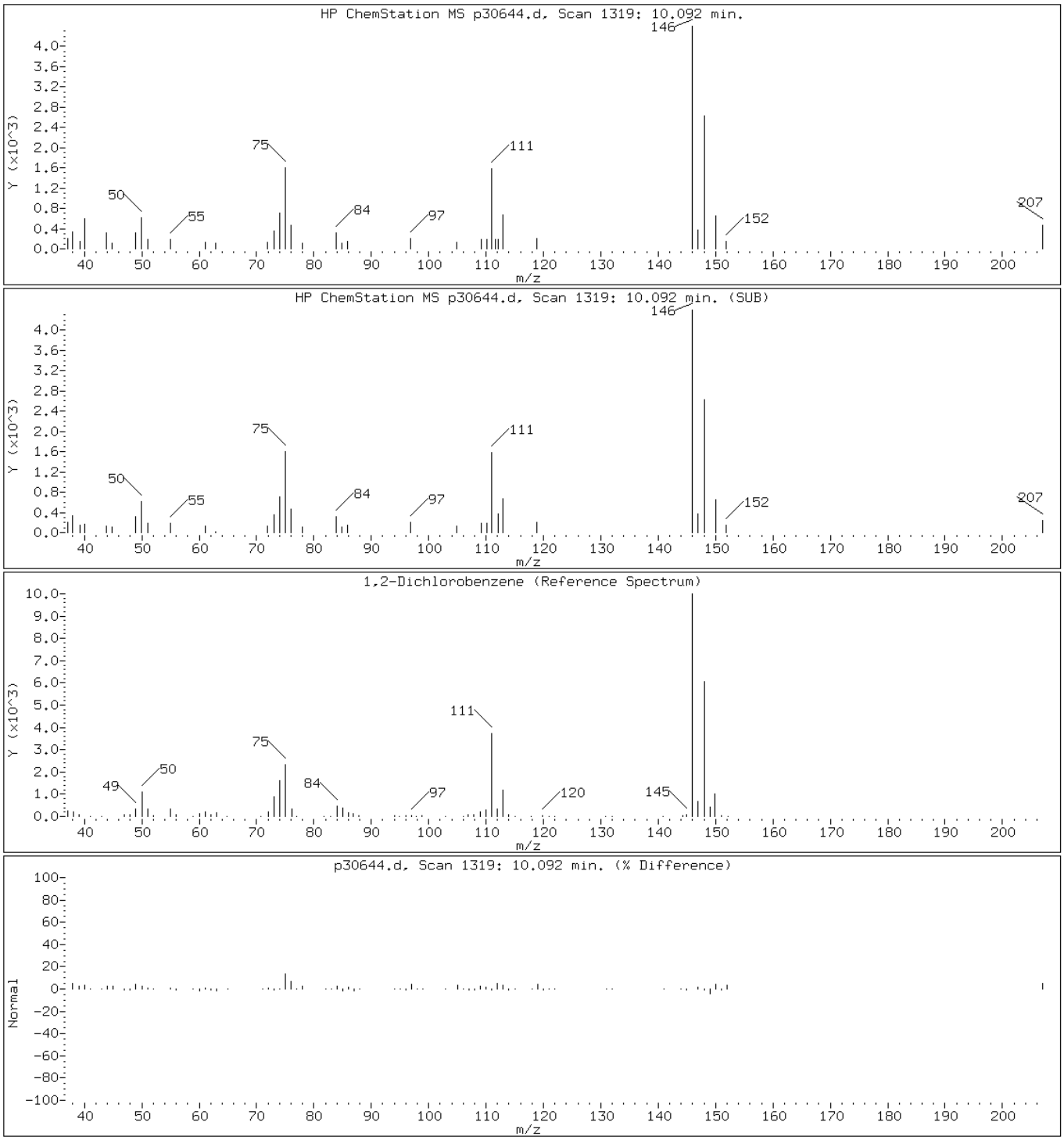
Data File: p30644.d

Date: 31-AUG-2009 19:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2 Operator:

111 1,2-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-10 Lab Sample ID: 460-4869-2 DL

Matrix: Water Lab File ID: p30512.d

Analysis Method: 8260B Date Collected: 08/19/2009 09:15

Sample wt/vol: 5(mL) Date Analyzed: 08/26/2009 06:38

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15245 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	960		5.0	0.80

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98	56-125	
2037-26-5	Toluene-d8 (Surr)	92	72-127	
460-00-4	Bromofluorobenzene	113	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30512.d
Report Date: 26-Aug-2009 10:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30512.d
Lab Smp Id: 460-4869-E-2 Client Smp ID: GW-017338-081909-AC
Inj Date : 26-AUG-2009 06:38
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-E-2;5
Misc Info : 460-4869-E-2
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/8260_09.m
Meth Date : 25-Aug-2009 22:40 ken Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 20
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	96006	49.1274	49
48 Benzene	78	2.905	2.905	(0.447)	6518	0.40034	2.0(a)
* 52 Fluorobenzene	96	3.235	3.228	(1.000)	804341	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	352426	46.0526	46
66 Toluene	91	4.746	4.739	(0.730)	48301	2.94415	15
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	619560	50.0000	
79 Chlorobenzene	112	6.522	6.522	(1.003)	2109824	192.329	960
81 Ethylbenzene	106	6.616	6.608	(1.018)	13166	2.28207	11
82 m+p-Xylene	106	6.823	6.823	(1.050)	29071	4.01142	20
84 o-Xylene	106	7.396	7.396	(1.138)	8429	1.22088	6.1
88 Isopropylbenzene	105	7.876	7.883	(1.212)	6089	0.36357	1.8(a)
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	256432	56.3474	56
* 108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	326673	50.0000	
109 1,4-Dichlorobenzene	146	9.689	9.681	(1.001)	12138	1.29175	6.4
M 121 Xylene (Total)	100				37500	5.25747	26

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30512.d
Report Date: 26-Aug-2009 10:08

QC Flag Legend

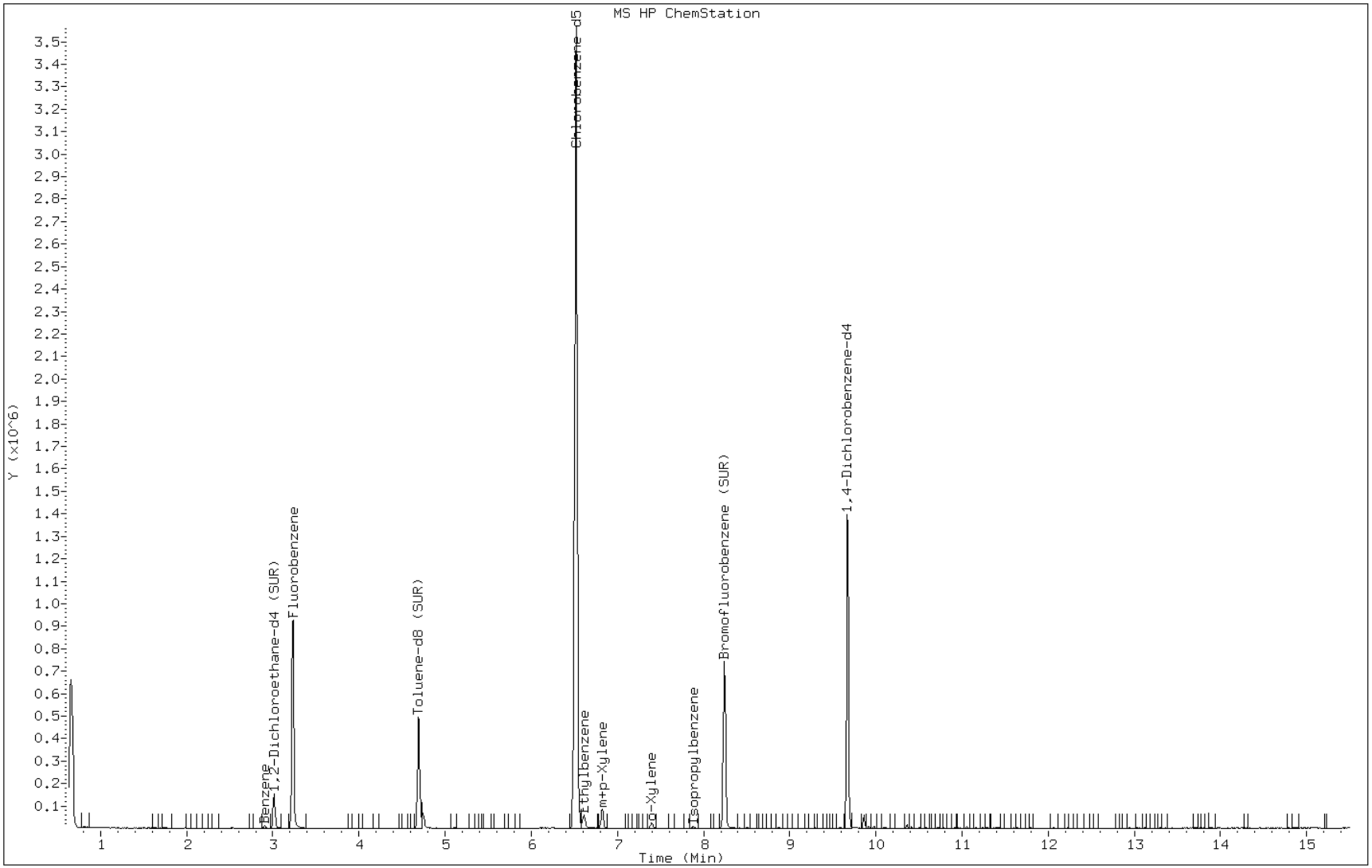
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p30512.d

Date: 26-AUG-2009 06:38

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2;5 Operator:



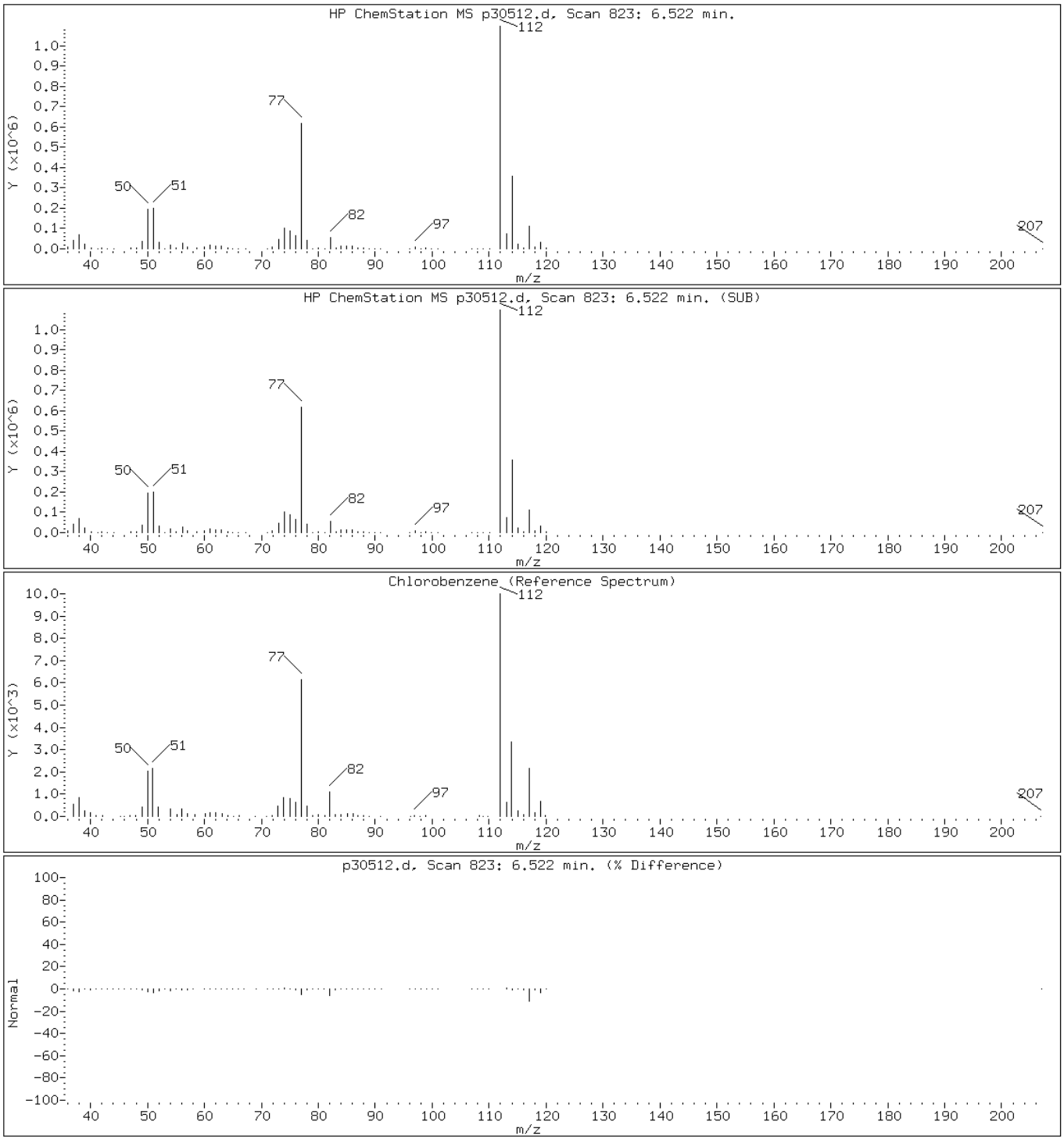
Data File: p30512.d

Date: 26-AUG-2009 06:38

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-2;5 Operator:

79 Chlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-11 | Lab Sample ID: 460-4869-3

Matrix: Water | Lab File ID: p30457.d

Analysis Method: 8260B | Date Collected: 08/19/2009 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 15:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	2.1		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	5.9		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	5.4		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	0.91	J	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	10		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-11 | Lab Sample ID: 460-4869-3

Matrix: Water | Lab File ID: p30457.d

Analysis Method: 8260B | Date Collected: 08/19/2009 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 15:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	14		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	5.9		1.0	0.16
100-41-4	Ethylbenzene	12		1.0	0.25
1330-20-7	Xylenes, Total	28		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	0.27	J	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.20	J	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92	56-125	
2037-26-5	Toluene-d8 (Surr)	90	72-127	
460-00-4	Bromofluorobenzene	107	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30457.d
Report Date: 25-Aug-2009 14:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30457.d
Lab Smp Id: 460-4869-F-3 Client Smp ID: GW-017338-081909-AC
Inj Date : 24-AUG-2009 15:41
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-F-3
Misc Info : 460-4869-F-3
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	1.738	1.738	(0.537)	22780	2.06454	2.1
	32 DIPE	45	1.953	1.953	(0.604)	11584	0.88812	0.89(a)
	44 Cyclohexane	56	2.447	2.447	(0.756)	37966	5.85449	5.8(H)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	95245	45.9885	46
	48 Benzene	78	2.905	2.905	(0.447)	15455	0.90554	0.90(a)
*	52 Fluorobenzene	96	3.235	3.228	(1.000)	852429	50.0000	
	56 Methyl cyclohexane	83	3.342	3.342	(1.033)	32147	5.35233	5.4
$	65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	360296	44.9128	45
	66 Toluene	91	4.746	4.746	(0.730)	240205	13.9672	14
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	649470	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	67557	5.87480	5.9
	81 Ethylbenzene	106	6.609	6.609	(1.017)	69898	11.5575	12
	82 m+p-Xylene	106	6.823	6.823	(1.050)	165992	21.8499	22
	84 o-Xylene	106	7.397	7.396	(1.138)	46994	6.49329	6.5
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	176976	10.0805	10
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	256100	53.2741	53

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30457.d
Report Date: 25-Aug-2009 14:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	62131	2.83585	2.8
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	3933	0.24741	0.25(a)
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	345071	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.689	(1.001)	2667	0.26869	0.27(a)
	111 1,2-Dichlorobenzene	146	10.097	10.090	(1.044)	1815	0.19879	0.20(a)
M	121 Xylene (Total)	100				212986	28.4853	28

QC Flag Legend

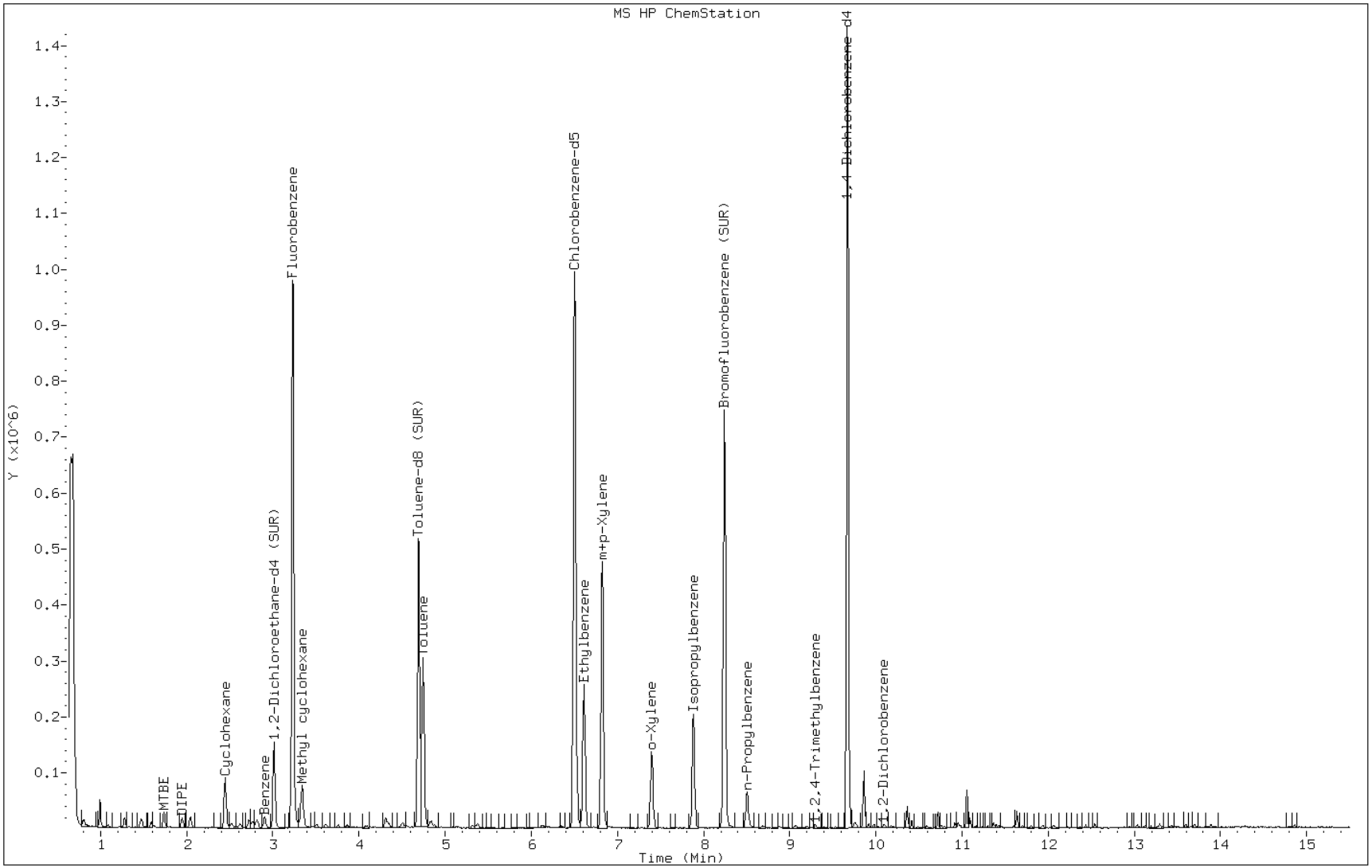
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:



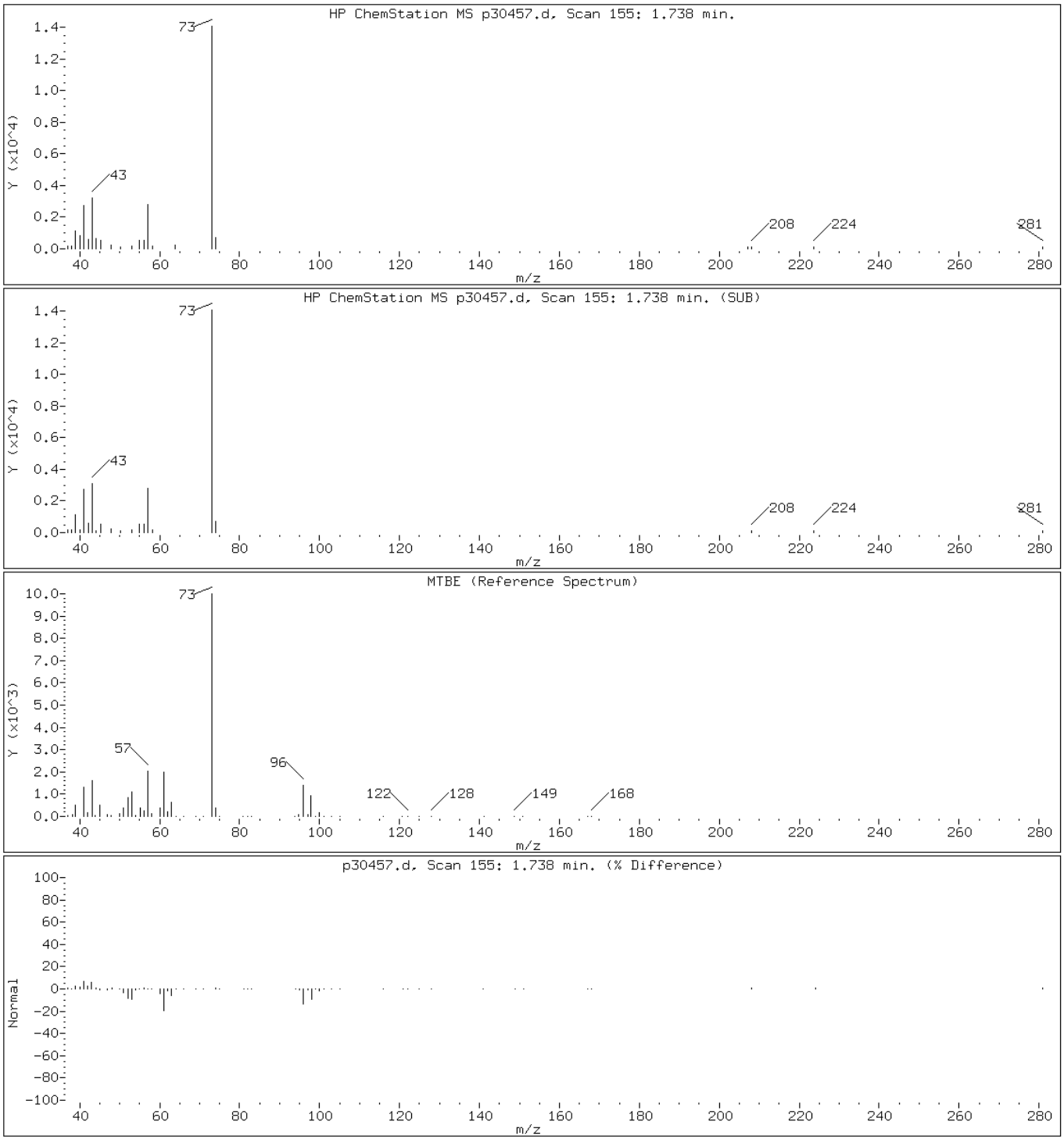
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

28 MTBE



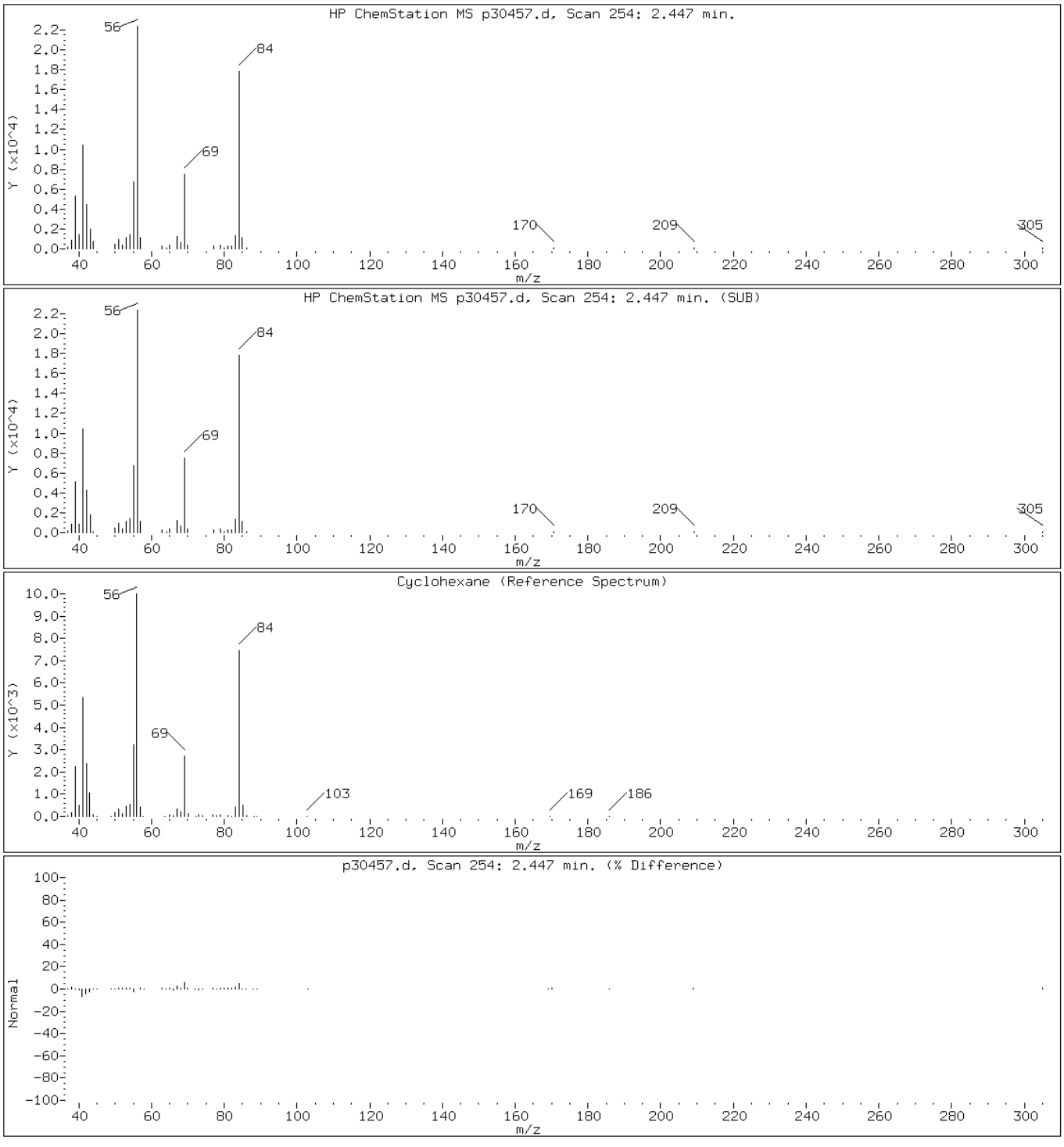
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

44 Cyclohexane



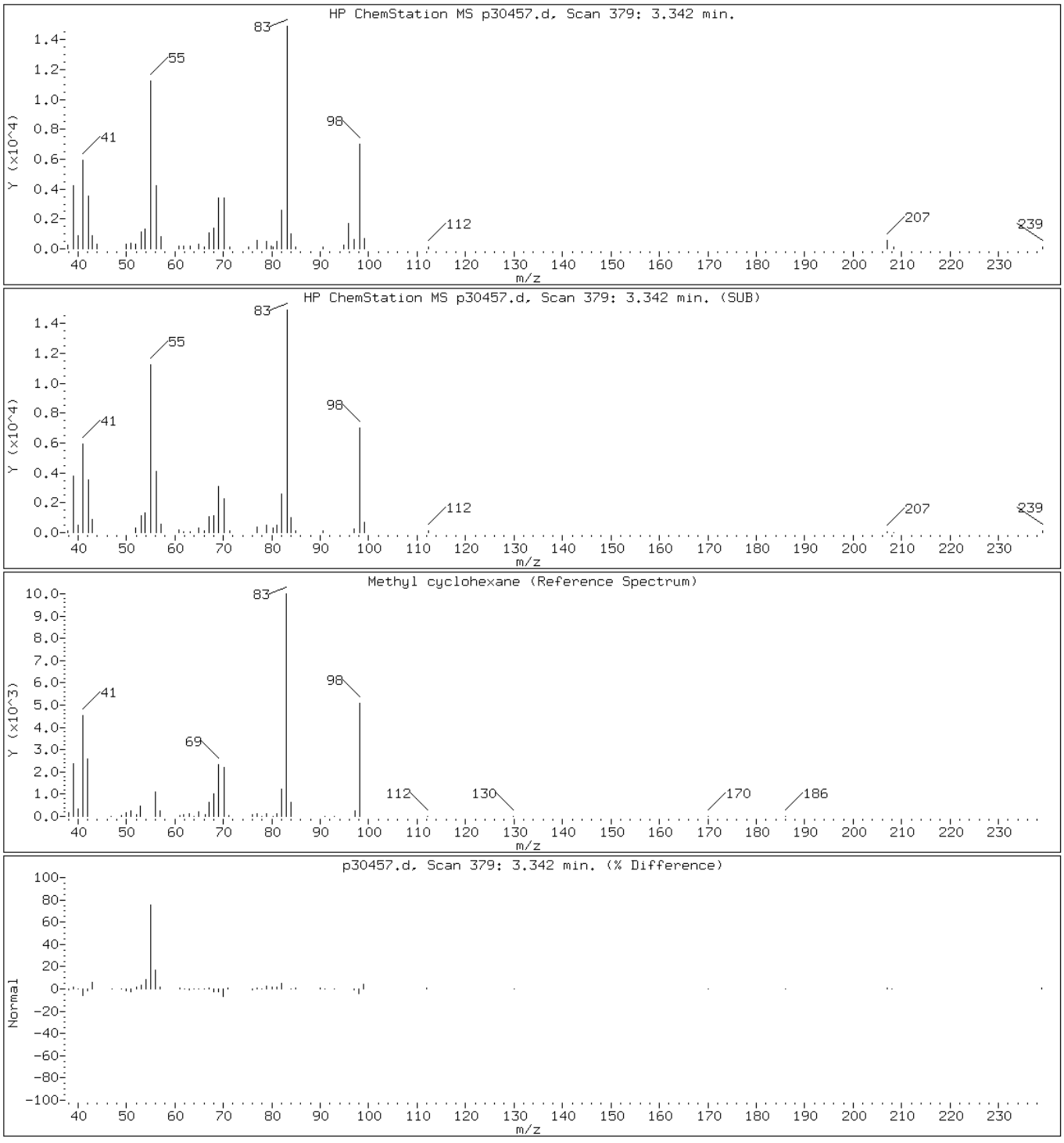
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

56 Methyl cyclohexane



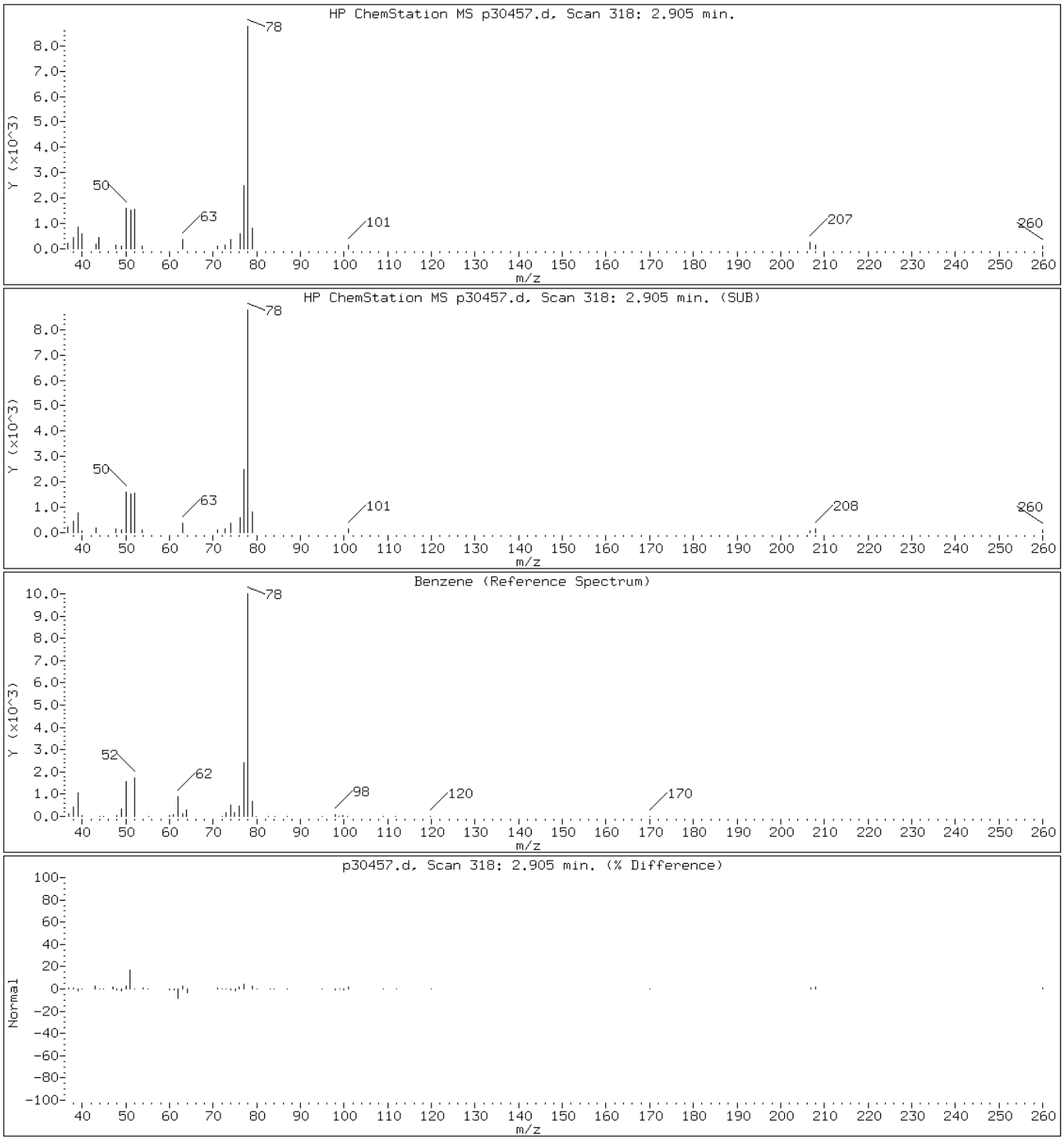
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

48 Benzene



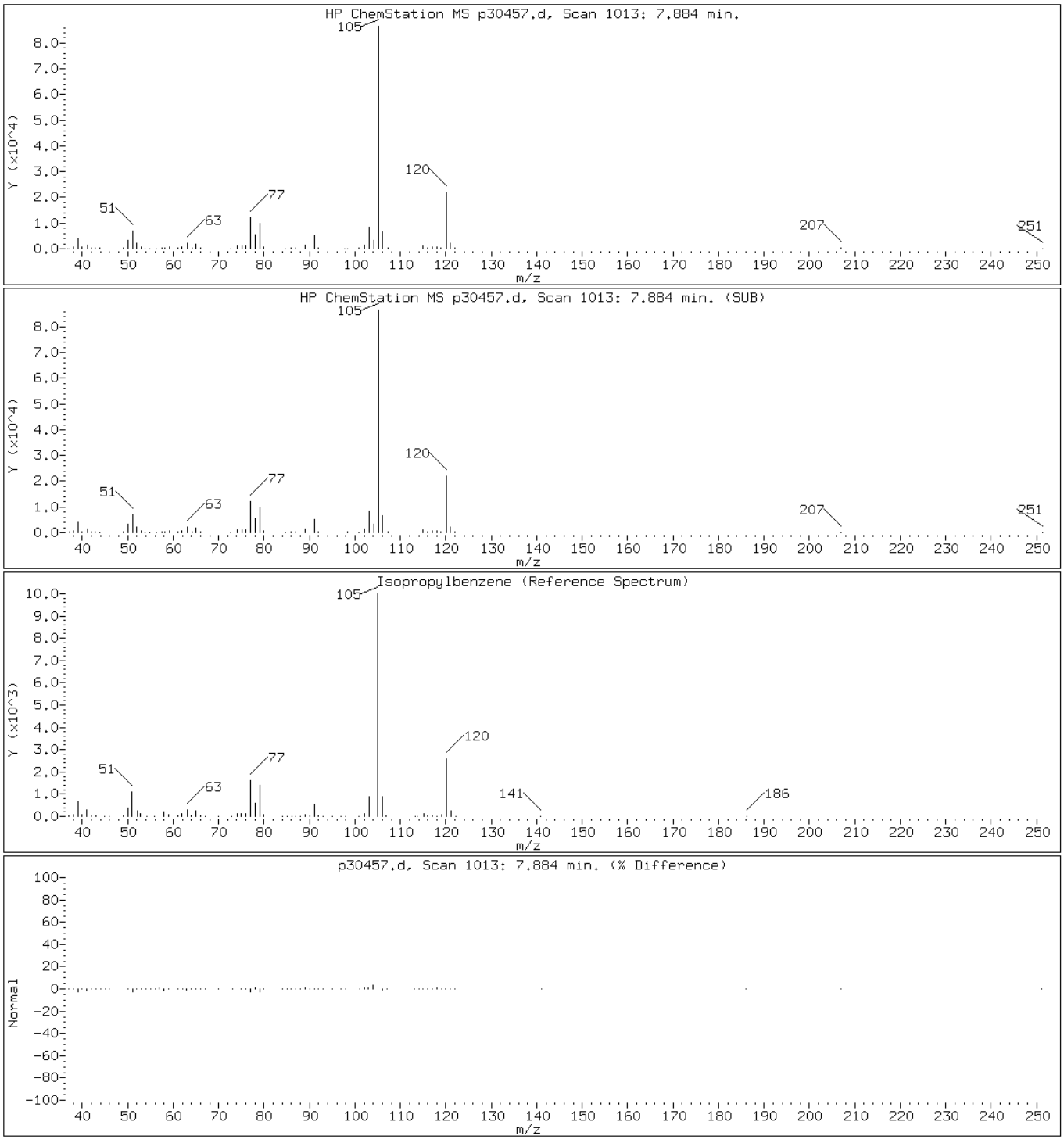
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

88 Isopropylbenzene



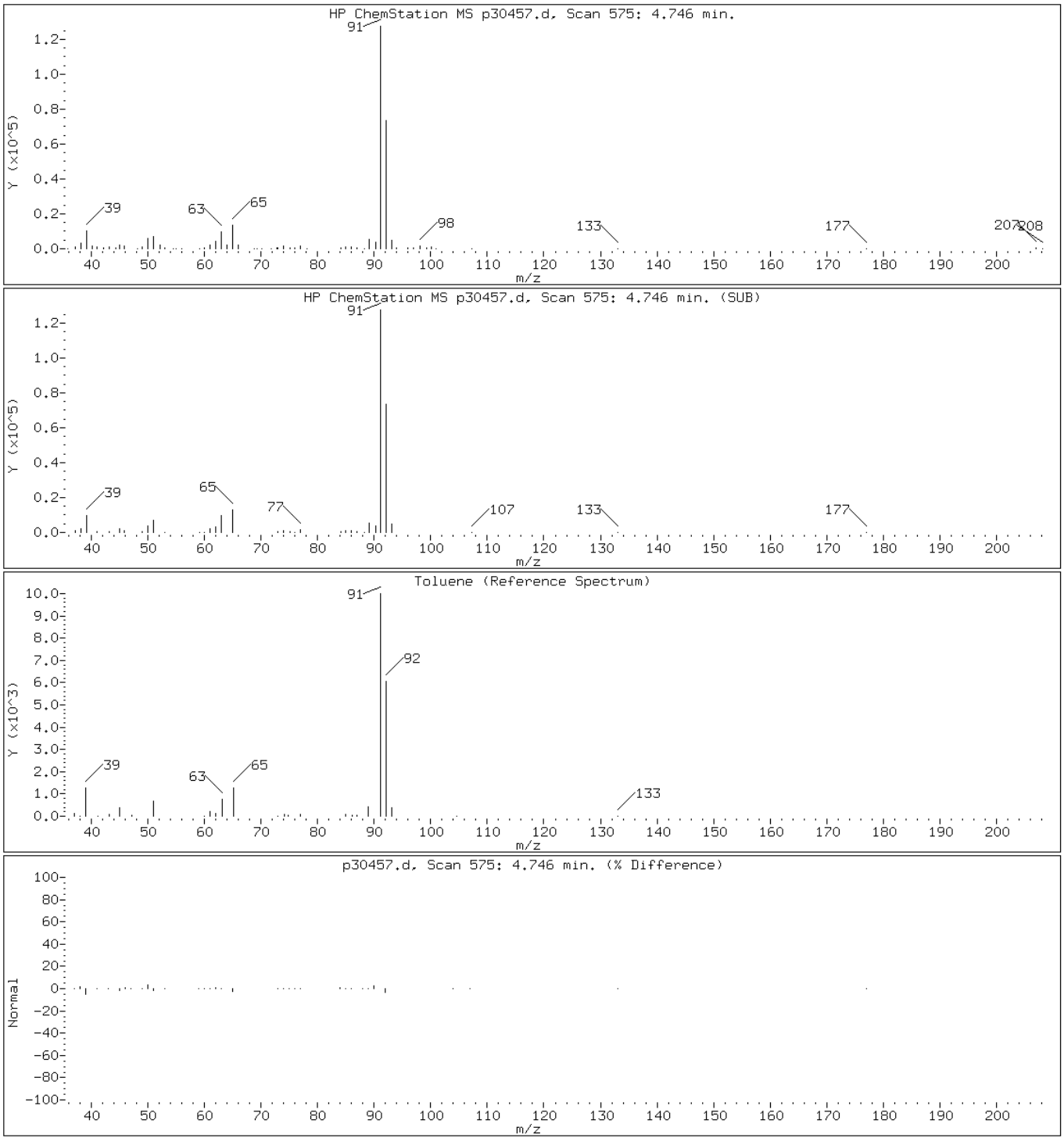
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

66 Toluene



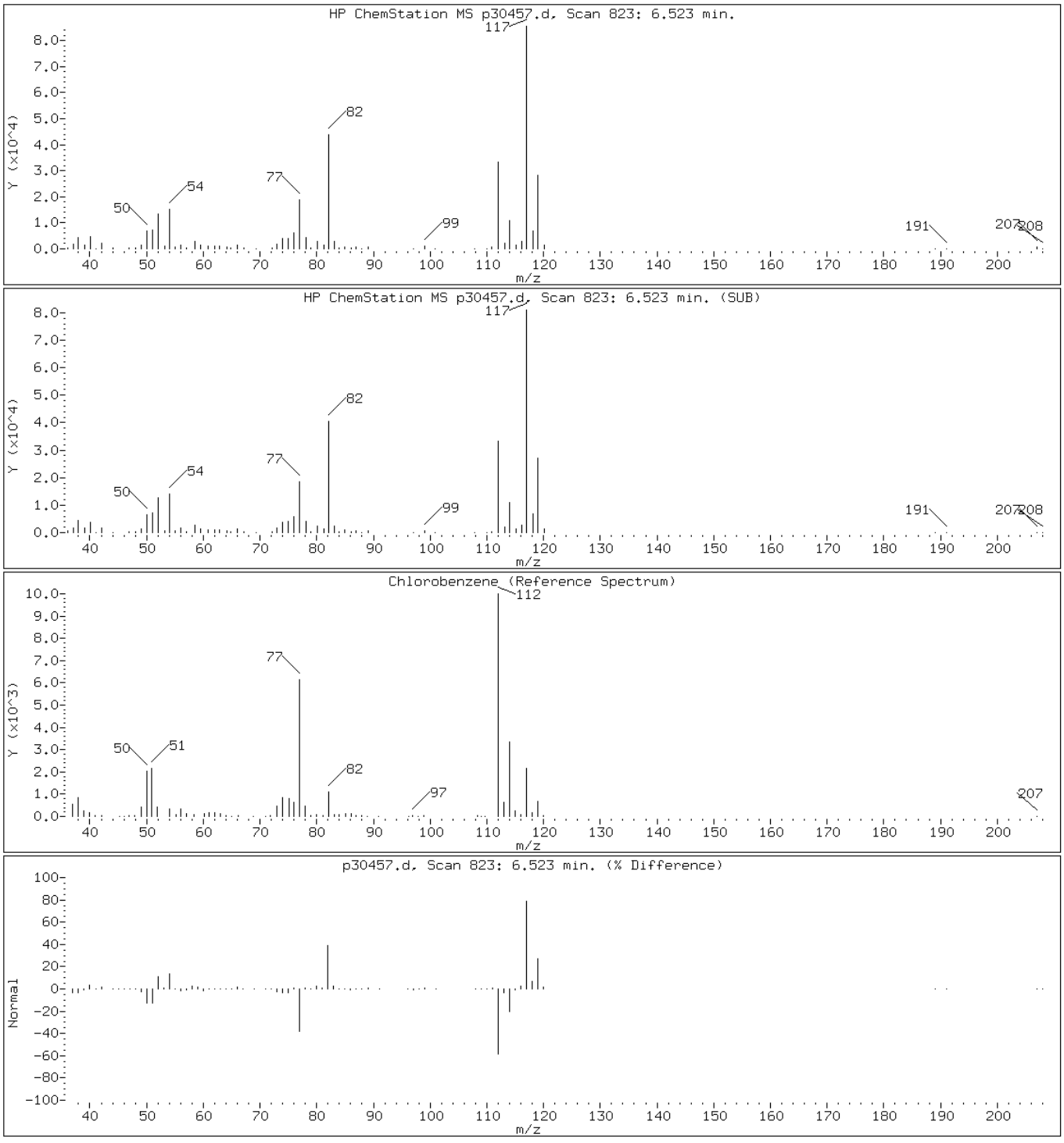
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

79 Chlorobenzene



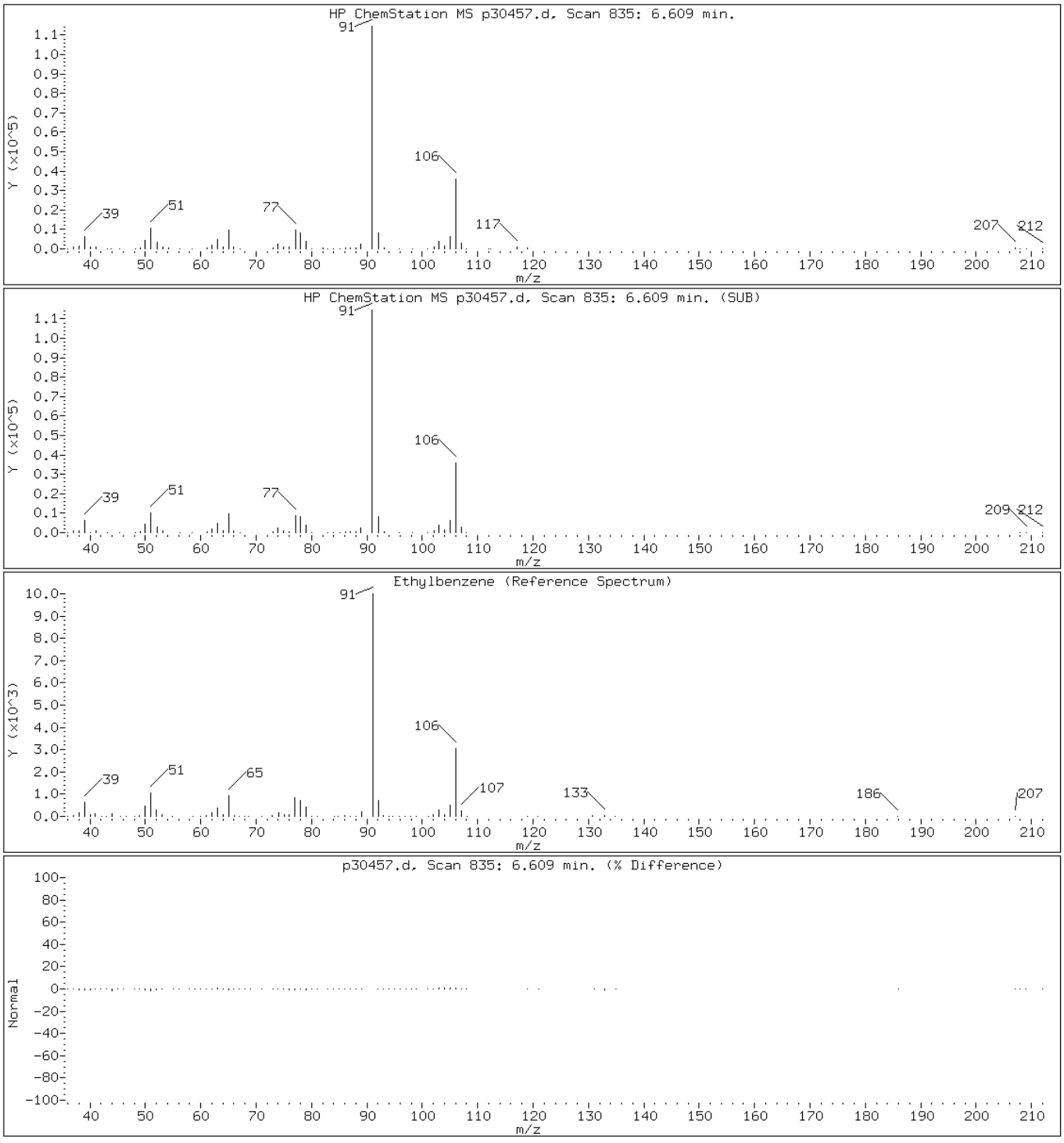
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

81 Ethylbenzene



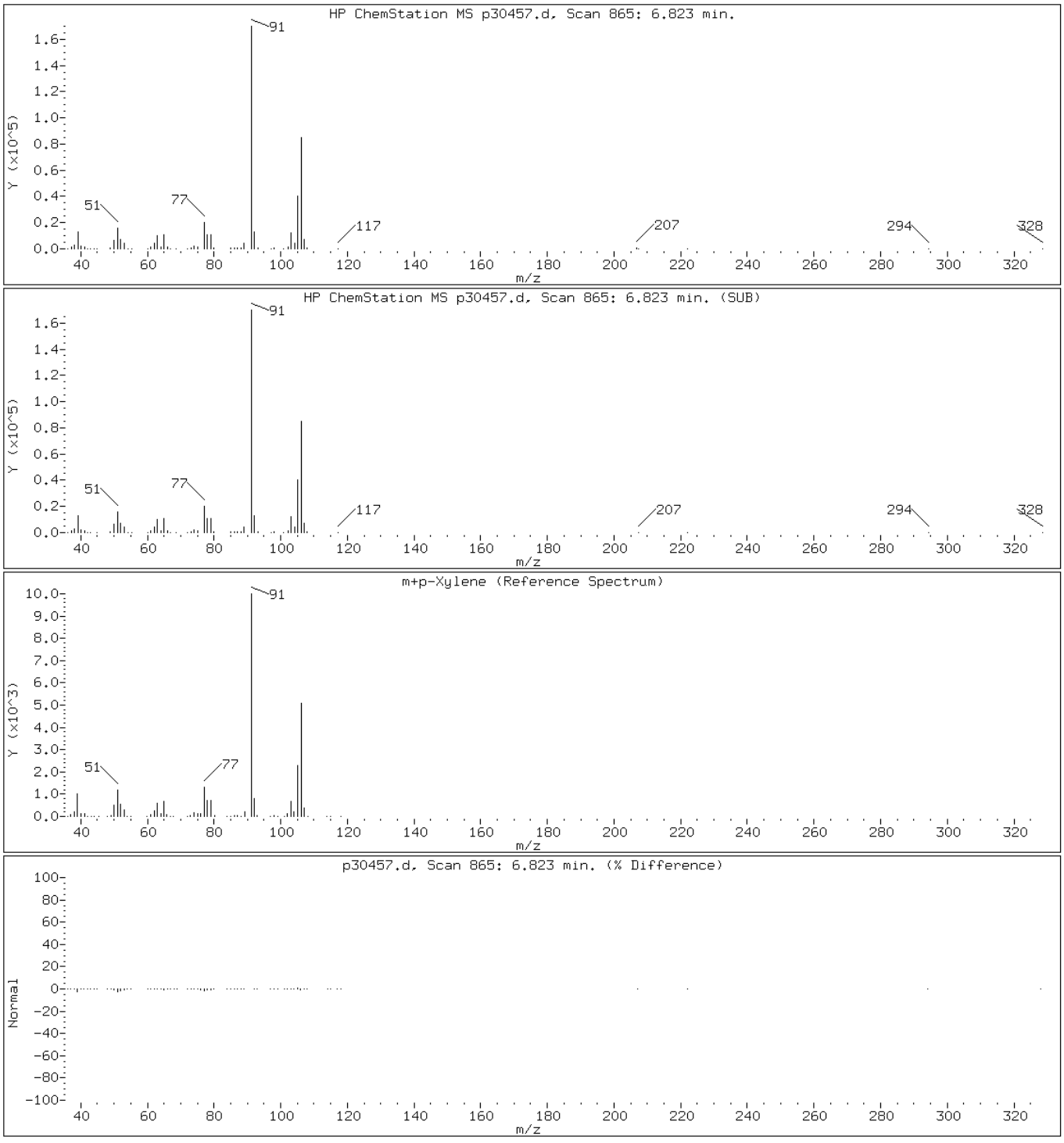
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

82 m+p-Xylene



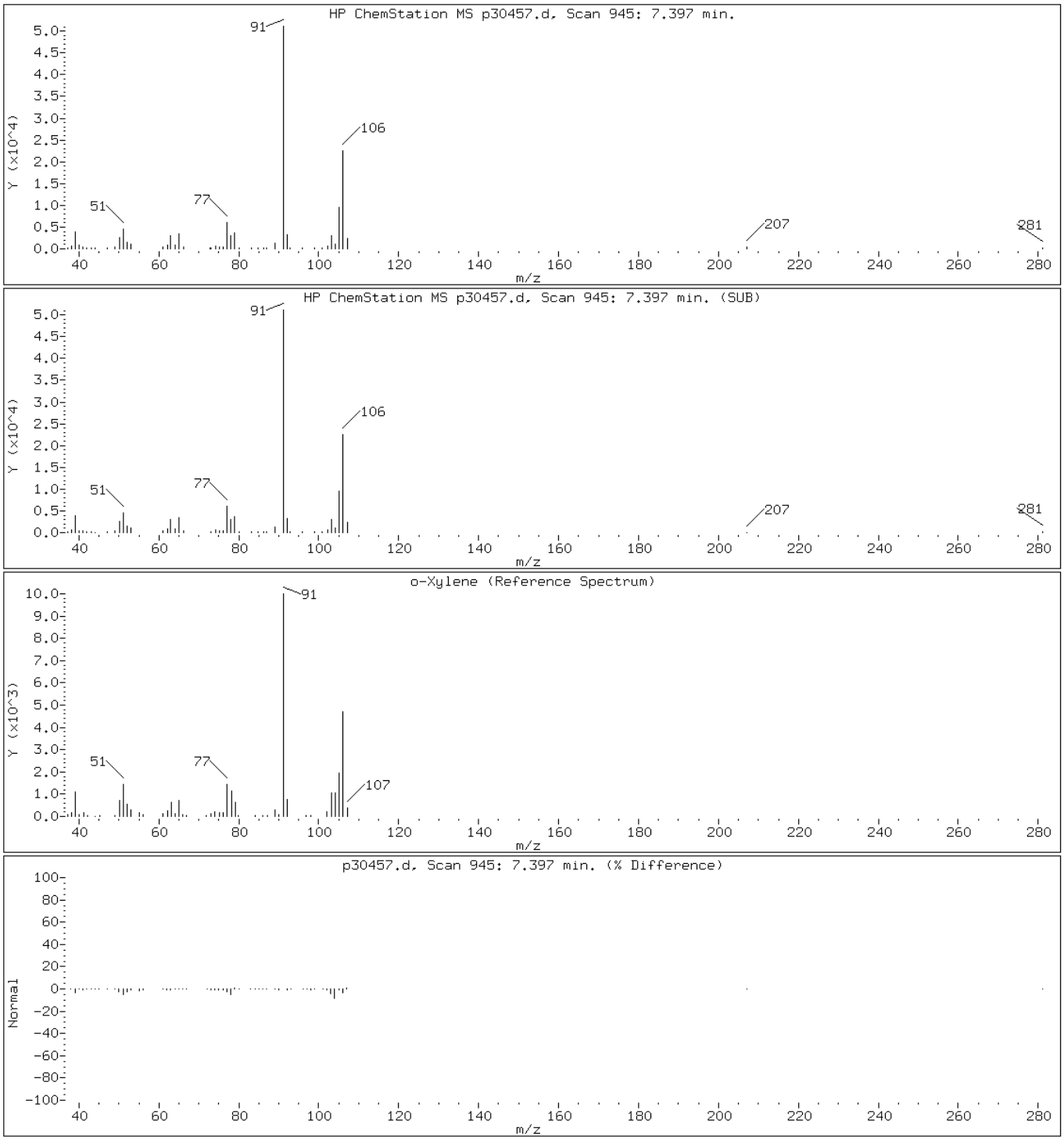
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

84 o-Xylene



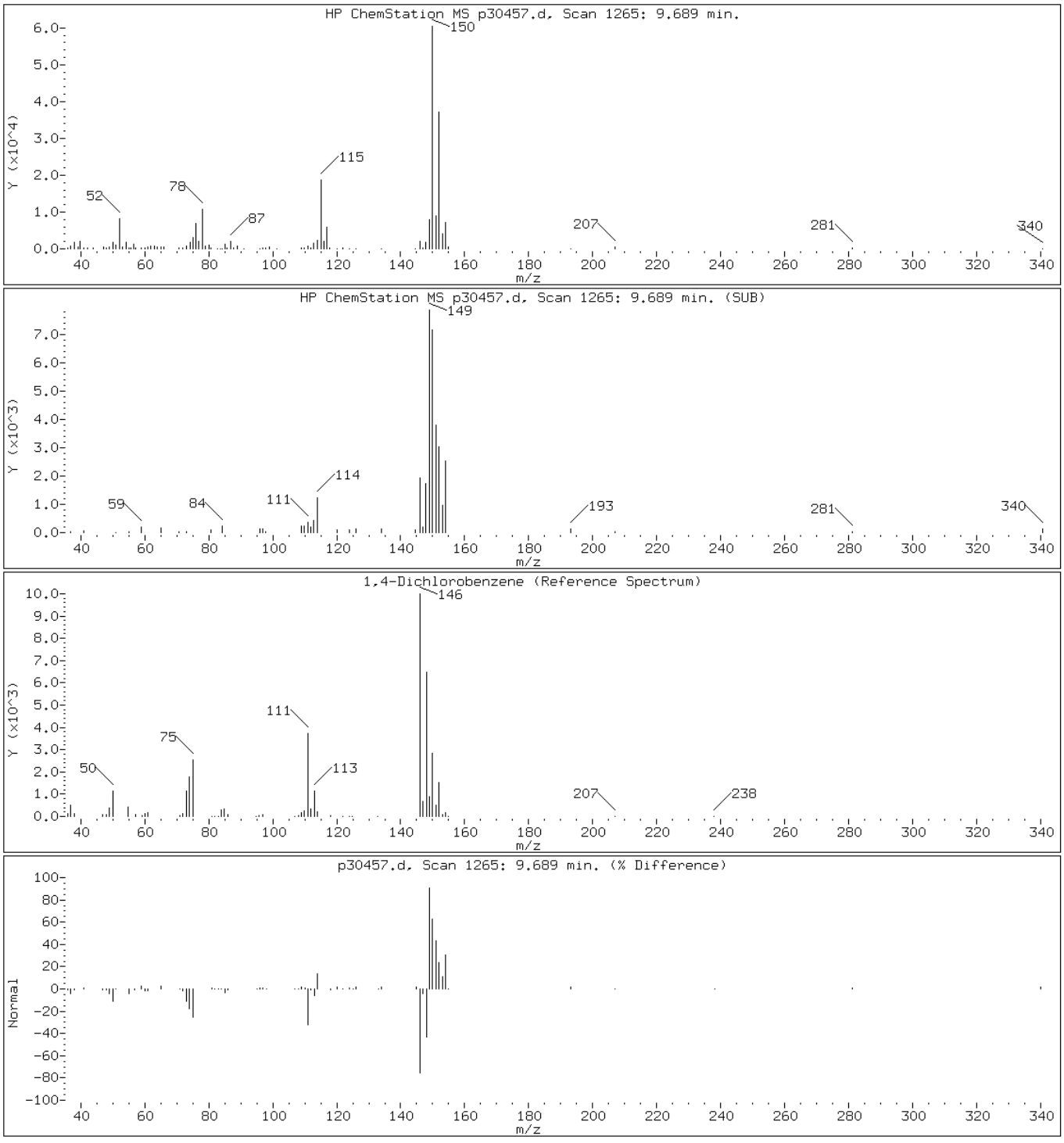
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

109 1,4-Dichlorobenzene



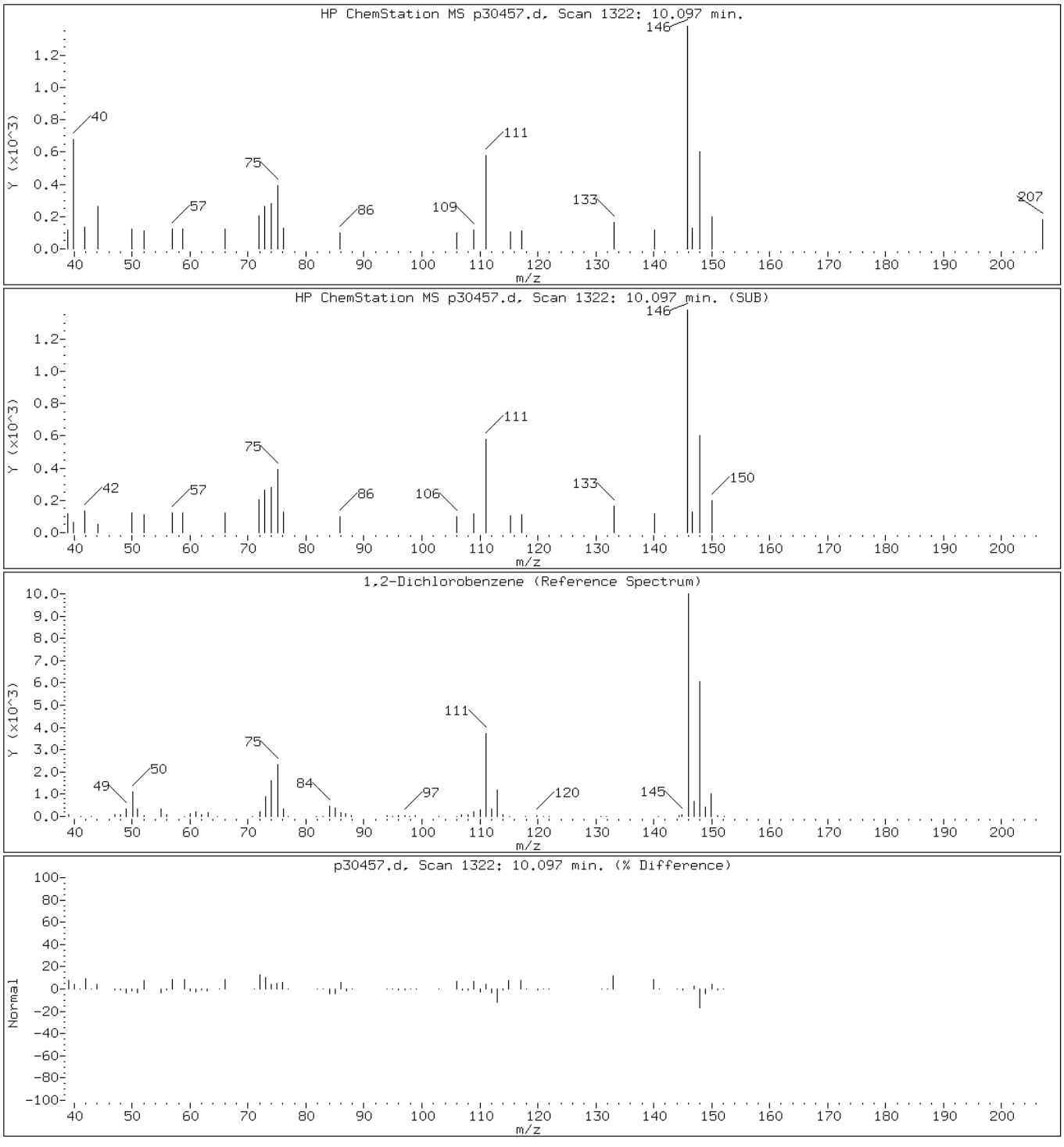
Data File: p30457.d

Date: 24-AUG-2009 15:41

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-3 Operator:

111 1,2-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4

Matrix: Water | Lab File ID: p30582.d

Analysis Method: 8260B | Date Collected: 08/19/2009 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/27/2009 18:09

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15423 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	1.4
74-87-3	Chloromethane	5.0	U	5.0	1.0
74-83-9	Bromomethane	5.0	U	5.0	1.6
75-01-4	Vinyl chloride	5.0	U	5.0	0.65
75-00-3	Chloroethane	5.0	U	5.0	2.2
75-69-4	Trichlorofluoromethane	5.0	U	5.0	0.80
76-13-1	Freon TF	5.0	U	5.0	1.4
75-09-2	Methylene Chloride	5.0	U	5.0	0.95
67-64-1	Acetone	50	U	50	12
75-15-0	Carbon disulfide	5.0	U	5.0	0.75
79-20-9	Methyl acetate	10	U	10	1.6
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.70
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.50
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	1.0
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.70
1634-04-4	MTBE	25		5.0	0.90
67-66-3	Chloroform	5.0	U	5.0	0.75
107-06-2	1,2-Dichloroethane	5.0	U	5.0	1.2
78-93-3	2-Butanone	50	U	50	4.1
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	1.2
110-82-7	Cyclohexane	6.9		5.0	0.65
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.95
75-27-4	Bromodichloromethane	5.0	U	5.0	0.46
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.55
79-01-6	Trichloroethene	5.0	U	5.0	0.90
108-87-2	Methylcyclohexane	54		5.0	0.45
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.50
71-43-2	Benzene	12		5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.60
75-25-2	Bromoform	5.0	U	5.0	0.50
98-82-8	Isopropylbenzene	8.2		5.0	1.0
108-10-1	4-Methyl-2-pentanone	50	U	50	3.4
591-78-6	2-Hexanone	50	U	50	2.8
127-18-4	Tetrachloroethene	5.0	U	5.0	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4

Matrix: Water | Lab File ID: p30582.d

Analysis Method: 8260B | Date Collected: 08/19/2009 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/27/2009 18:09

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15423 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	4500	E	5.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.45
108-90-7	Chlorobenzene	2.3	J	5.0	0.80
100-41-4	Ethylbenzene	550		5.0	1.2
1330-20-7	Xylenes, Total	3100		15	2.2
100-42-5	Styrene	5.0	U	5.0	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	5.0	0.75
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	1.1
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	0.75
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	0.80
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	2.2
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.45

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	56-125	
2037-26-5	Toluene-d8 (Surr)	103	72-127	
460-00-4	Bromofluorobenzene	105	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30582.d
Report Date: 31-Aug-2009 12:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30582.d
Lab Smp Id: 460-4869-E-4 Client Smp ID: GW-017338-081909-AC
Inj Date : 27-AUG-2009 18:09
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-E-4;5
Misc Info : 460-4869-E-4
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 21
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	1.733	1.738	(0.536)	55787	4.95995	25
	32 DIPE	45	1.955	1.945	(0.605)	3797	0.33172	1.6(a)
	44 Cyclohexane	56	2.449	2.447	(0.758)	8976	1.38983	6.9
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.013	(0.931)	126754	49.7209	50
	48 Benzene	78	2.908	2.905	(0.447)	36816	2.43350	12
*	52 Fluorobenzene	96	3.230	3.228	(1.000)	827800	50.0000	
	56 Methyl cyclohexane	83	3.337	3.335	(1.033)	66402	10.8779	54
$	65 Toluene-d8 (SUR)	98	4.691	4.689	(0.721)	393712	51.3277	51
	66 Toluene	91	4.748	4.739	(0.730)	15242155	892.689	4500(A)
*	78 Chlorobenzene-d5	117	6.503	6.501	(1.000)	640479	50.0000	
	79 Chlorobenzene	112	6.518	6.523	(1.002)	5027	0.46691	2.3(a)
	81 Ethylbenzene	106	6.611	6.609	(1.017)	626277	110.577	550
	82 m+p-Xylene	106	6.826	6.823	(1.050)	3110963	441.179	2200
	84 o-Xylene	106	7.399	7.396	(1.138)	1211519	181.030	900
	88 Isopropylbenzene	105	7.879	7.876	(1.211)	27920	1.64306	8.2
$	89 Bromofluorobenzene (SUR)	174	8.244	8.242	(0.853)	205246	52.3973	52

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30582.d
Report Date: 31-Aug-2009 12:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	95 n-Propylbenzene	91	8.509	8.507	(0.880)	42856	2.10939	10
	97 1,3,5-Trimethylbenzene	105	8.831	8.829	(0.913)	64654	4.46084	22
	101 1,2,4-Trimethylbenzene	105	9.297	9.295	(0.961)	566809	37.4309	190
	103 sec-Butylbenzene	105	9.412	9.409	(0.973)	24413	1.31805	6.6
*	108 1,4-Dichlorobenzene-d4	152	9.669	9.667	(1.000)	344657	50.0000	
	116 Naphthalene	128	11.639	11.637	(1.204)	11742866	773.840	3900(A)
M	121 Xylene (Total)	100				4322482	623.575	3100

QC Flag Legend

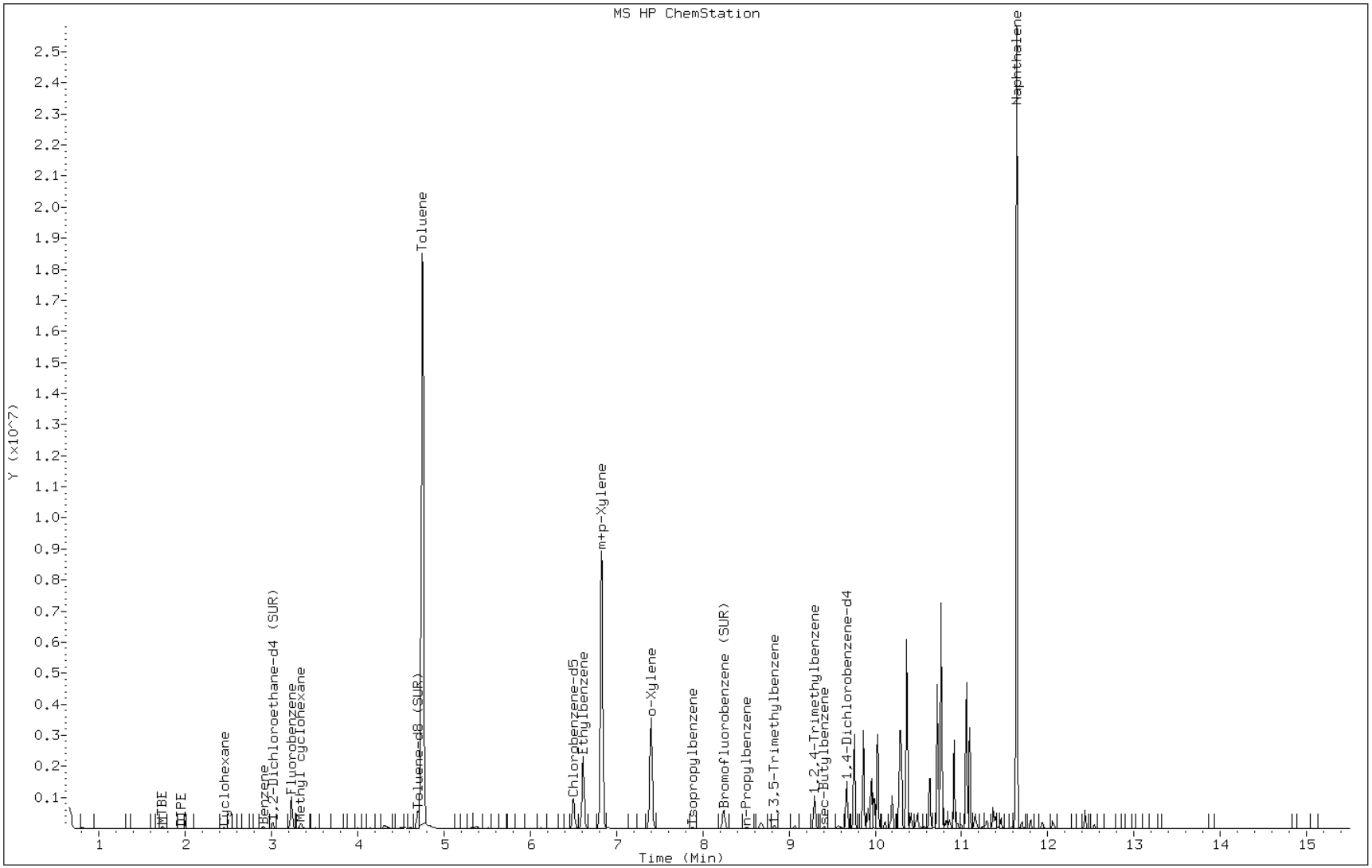
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:



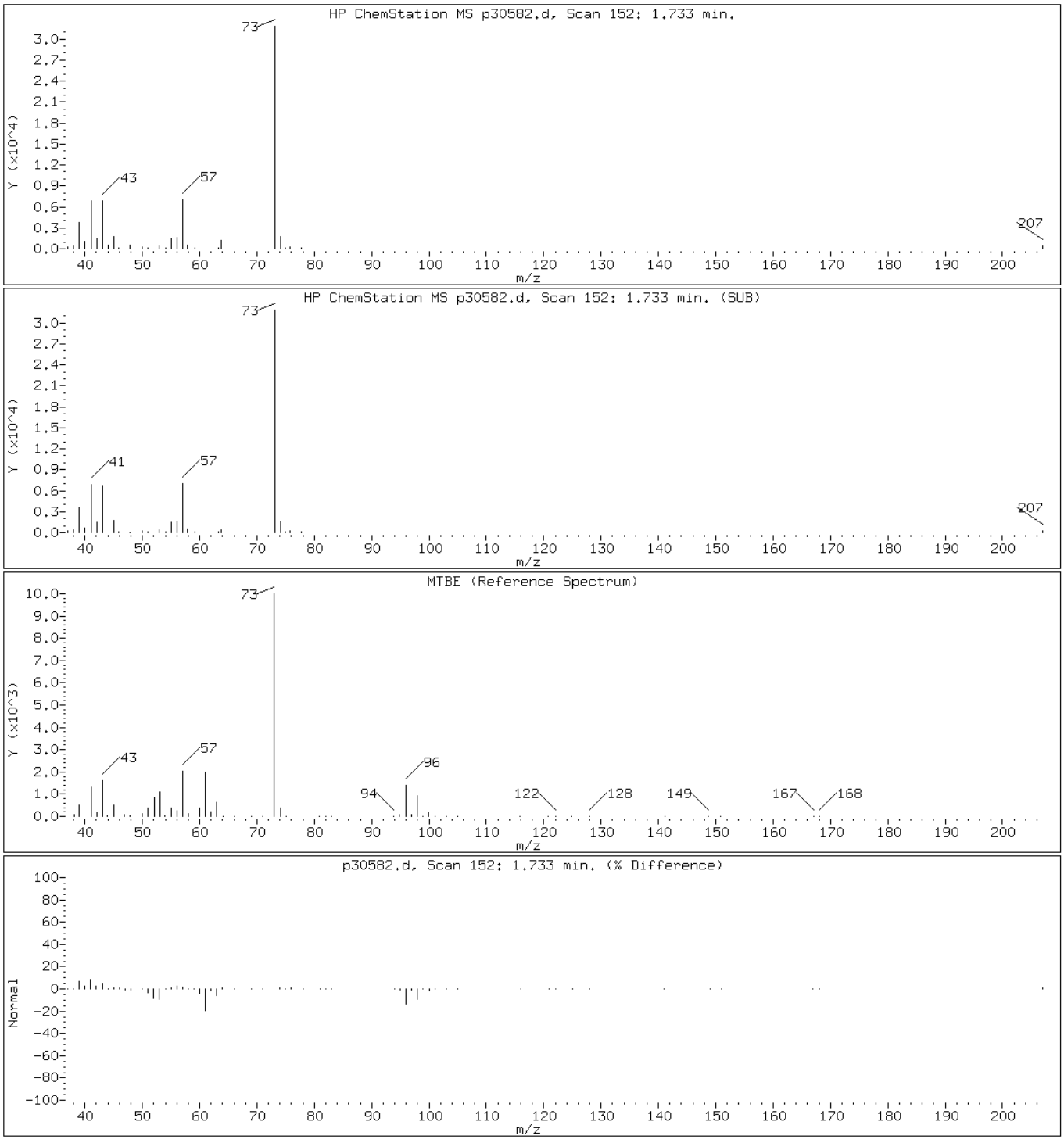
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

28 MTBE



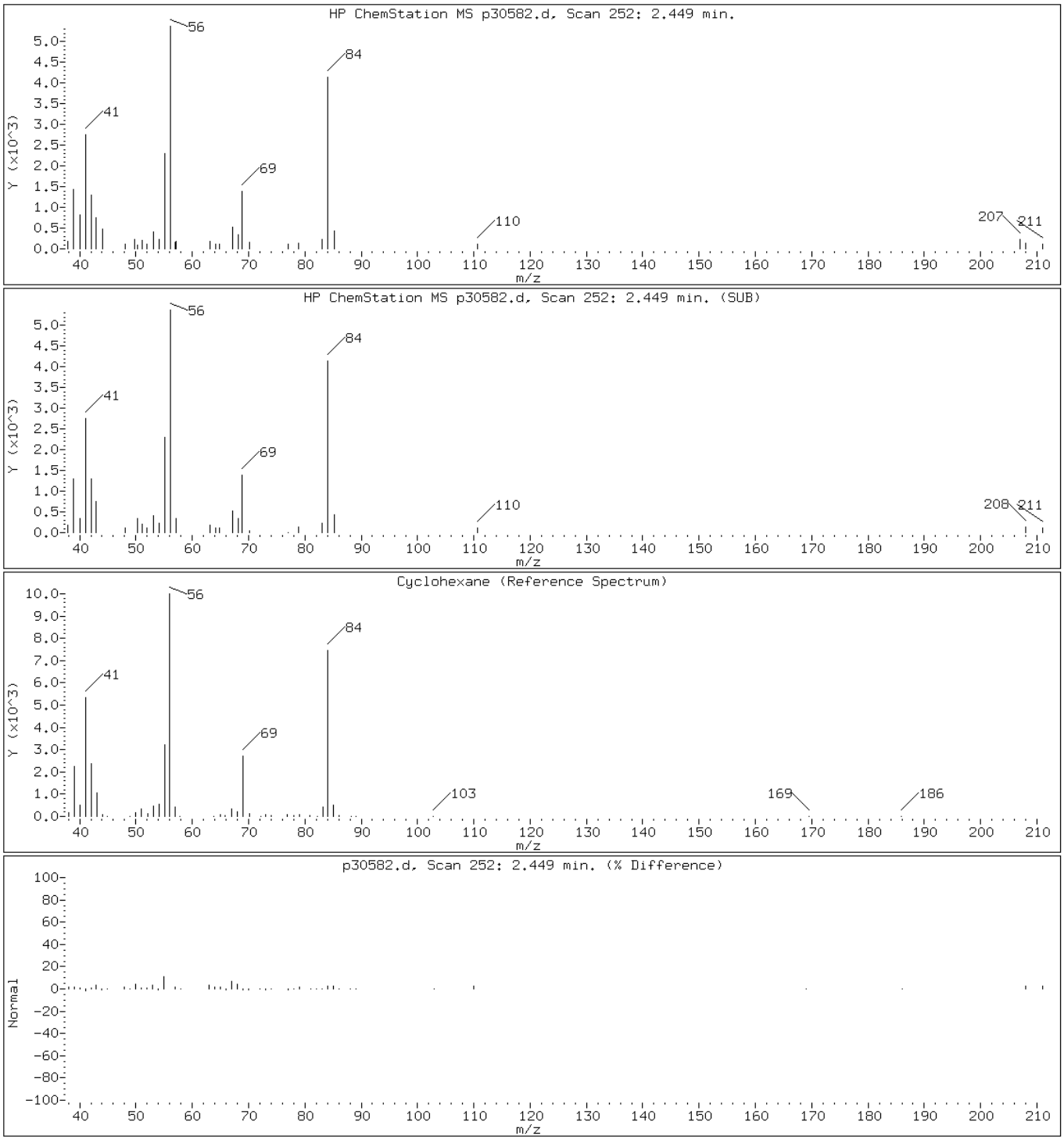
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

44 Cyclohexane



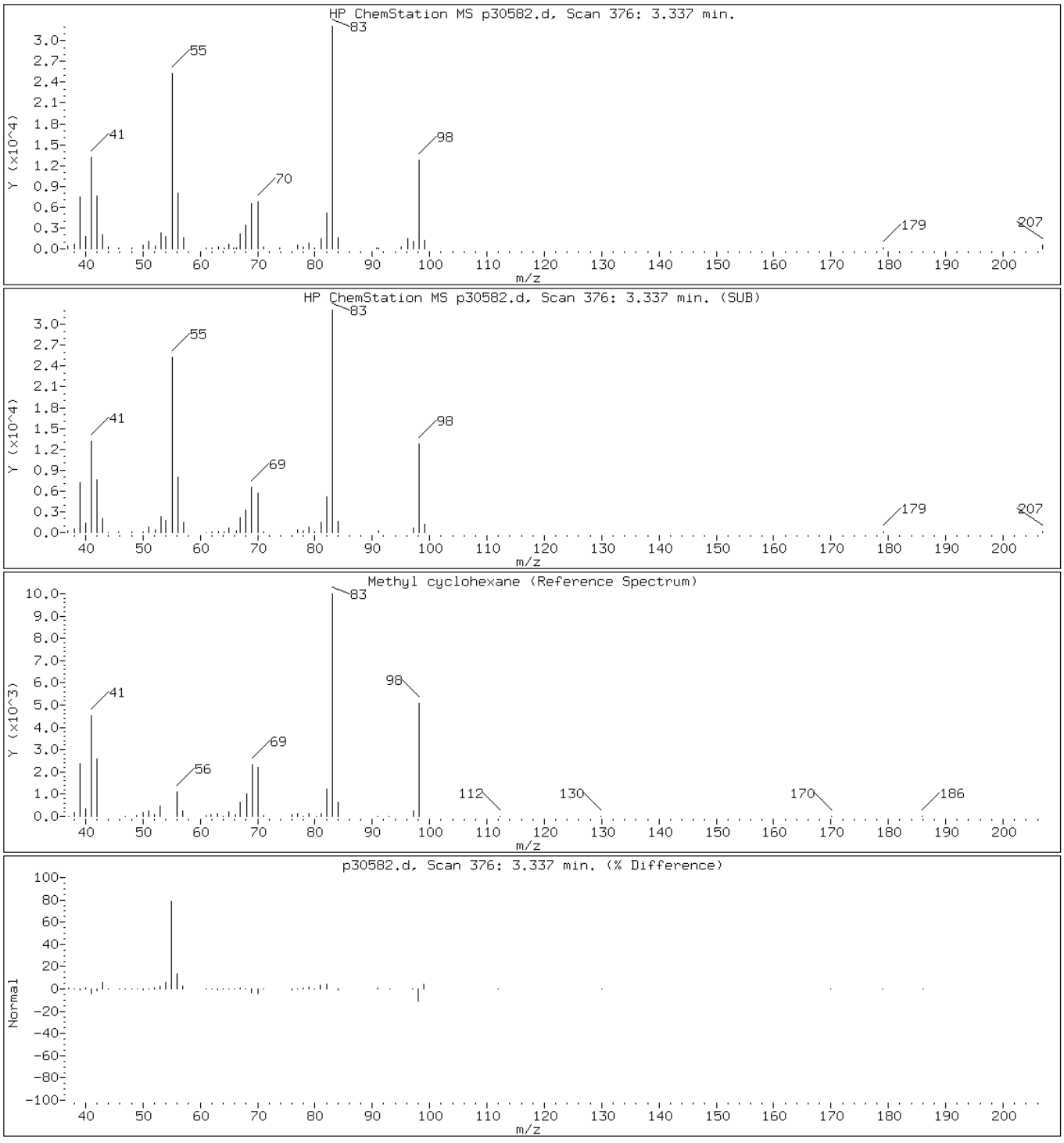
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

56 Methyl cyclohexane



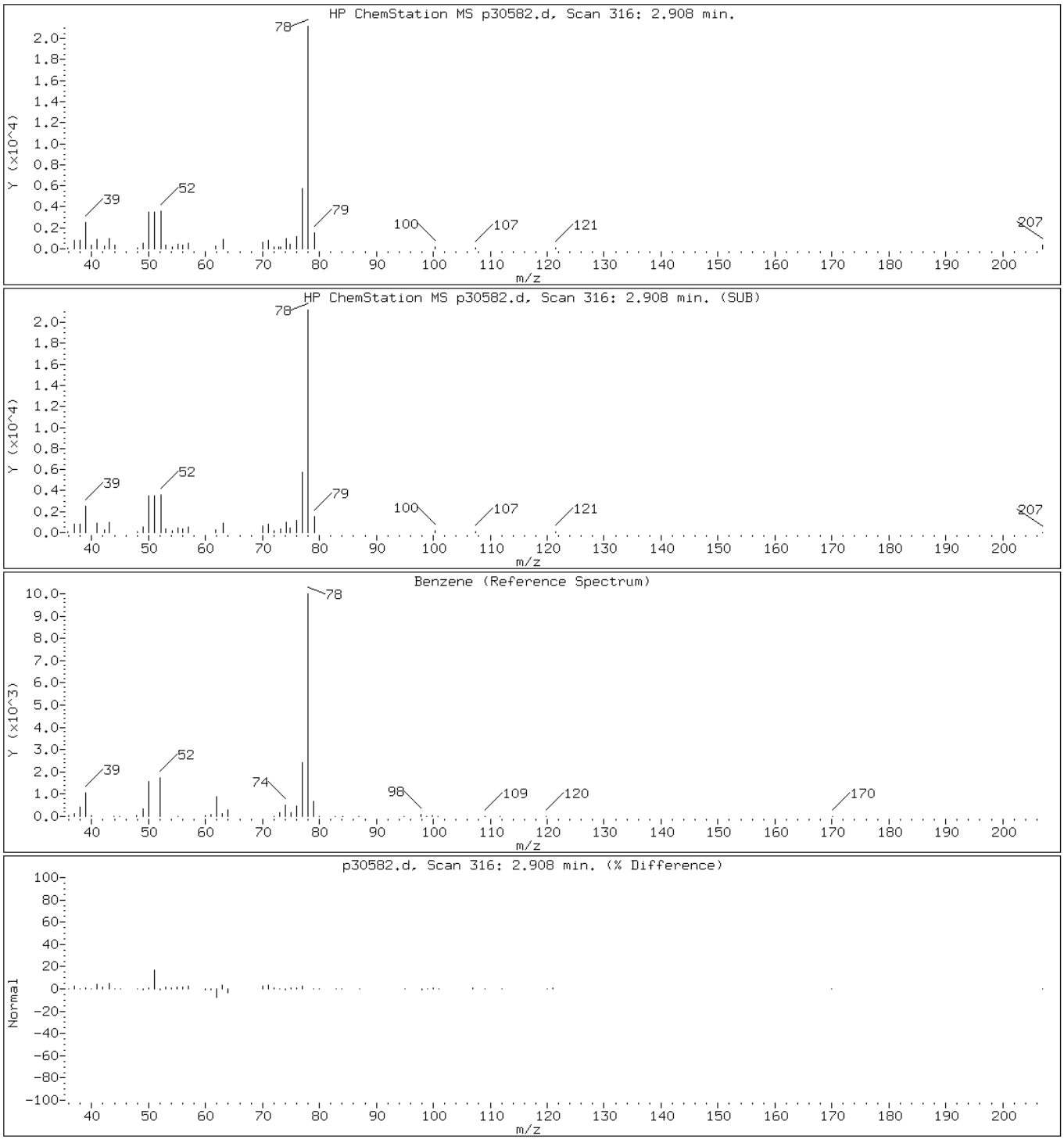
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

48 Benzene



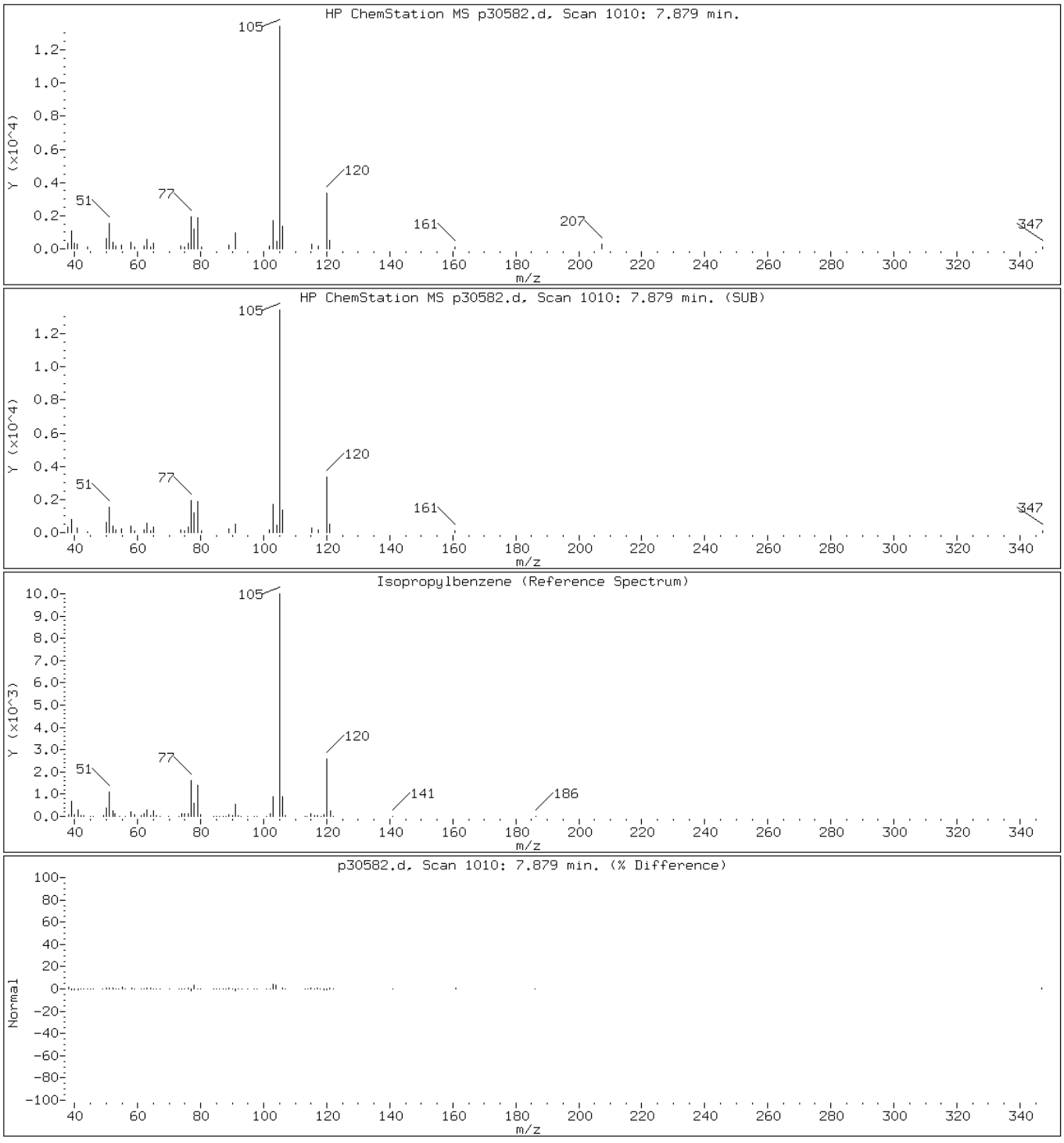
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

88 Isopropylbenzene



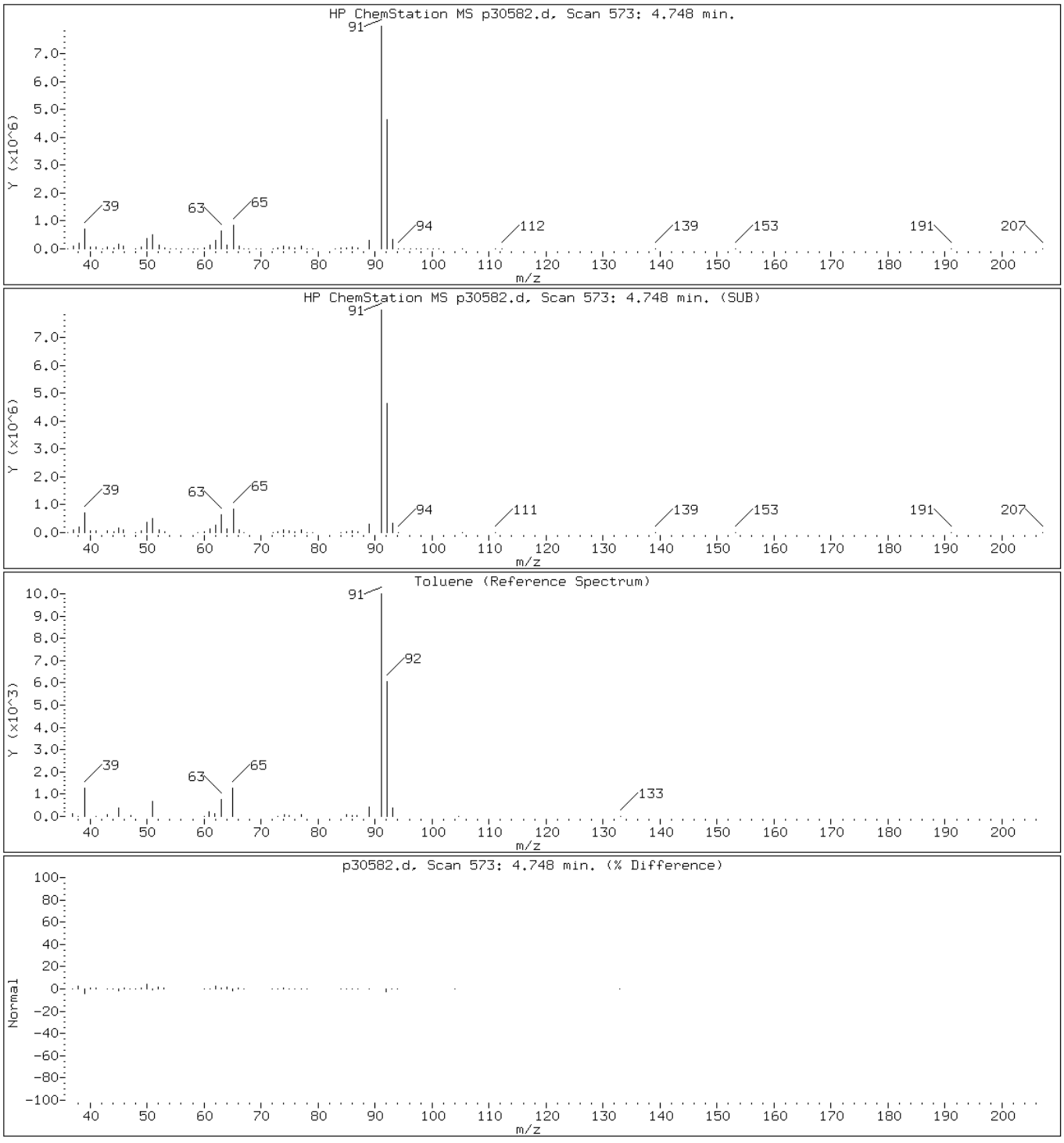
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

66 Toluene



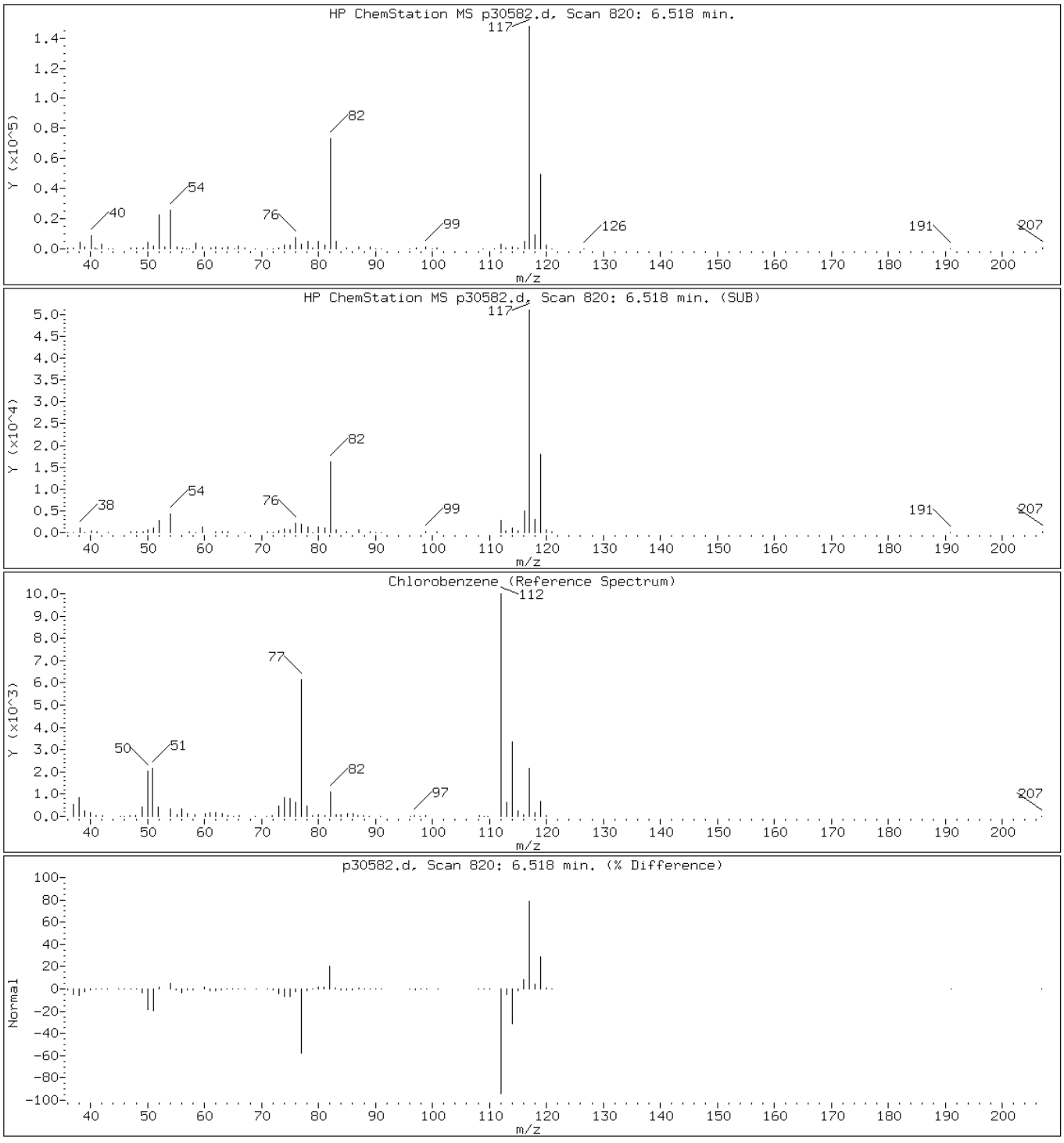
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

79 Chlorobenzene



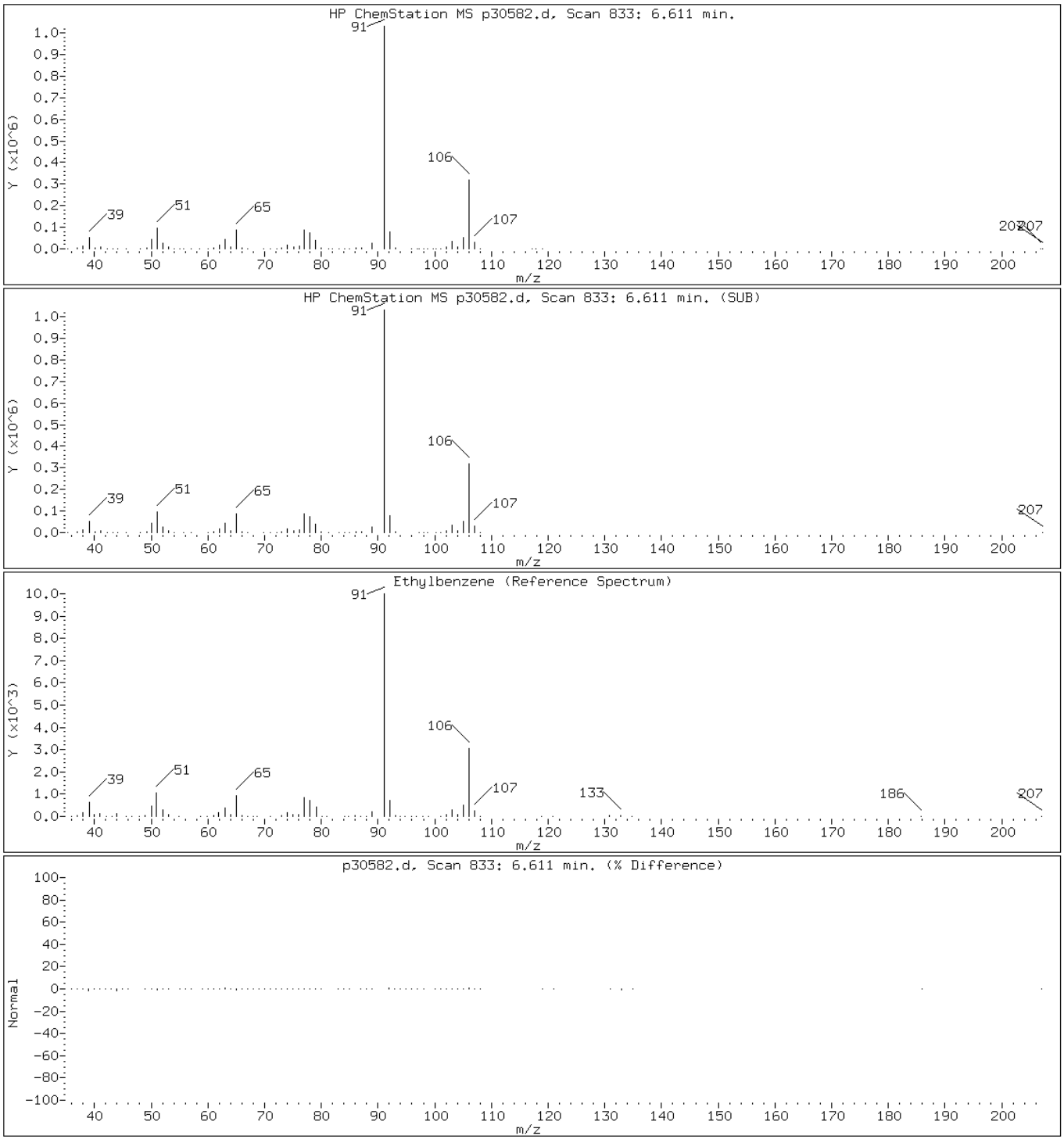
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

81 Ethylbenzene



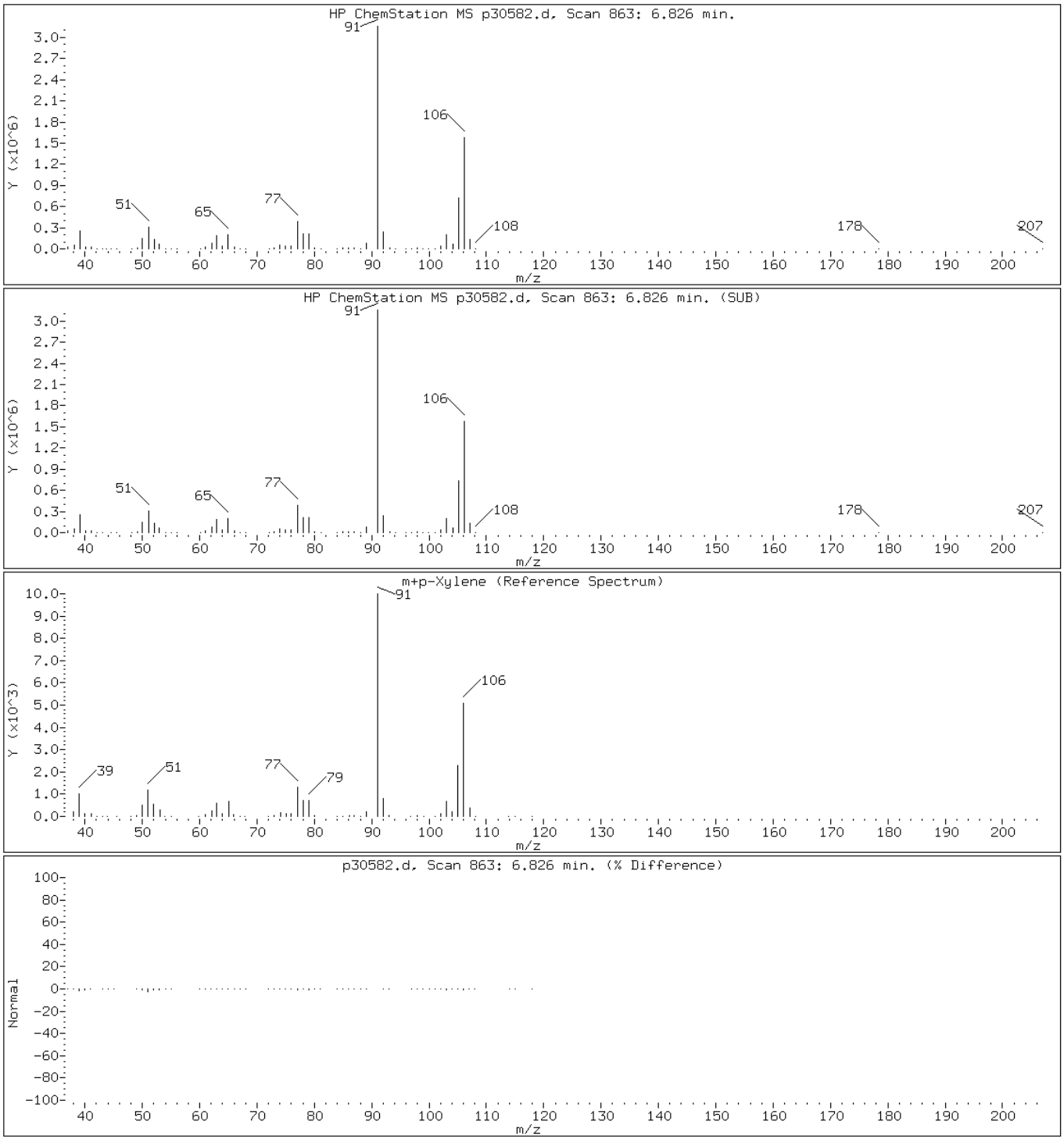
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

82 m+p-Xylene



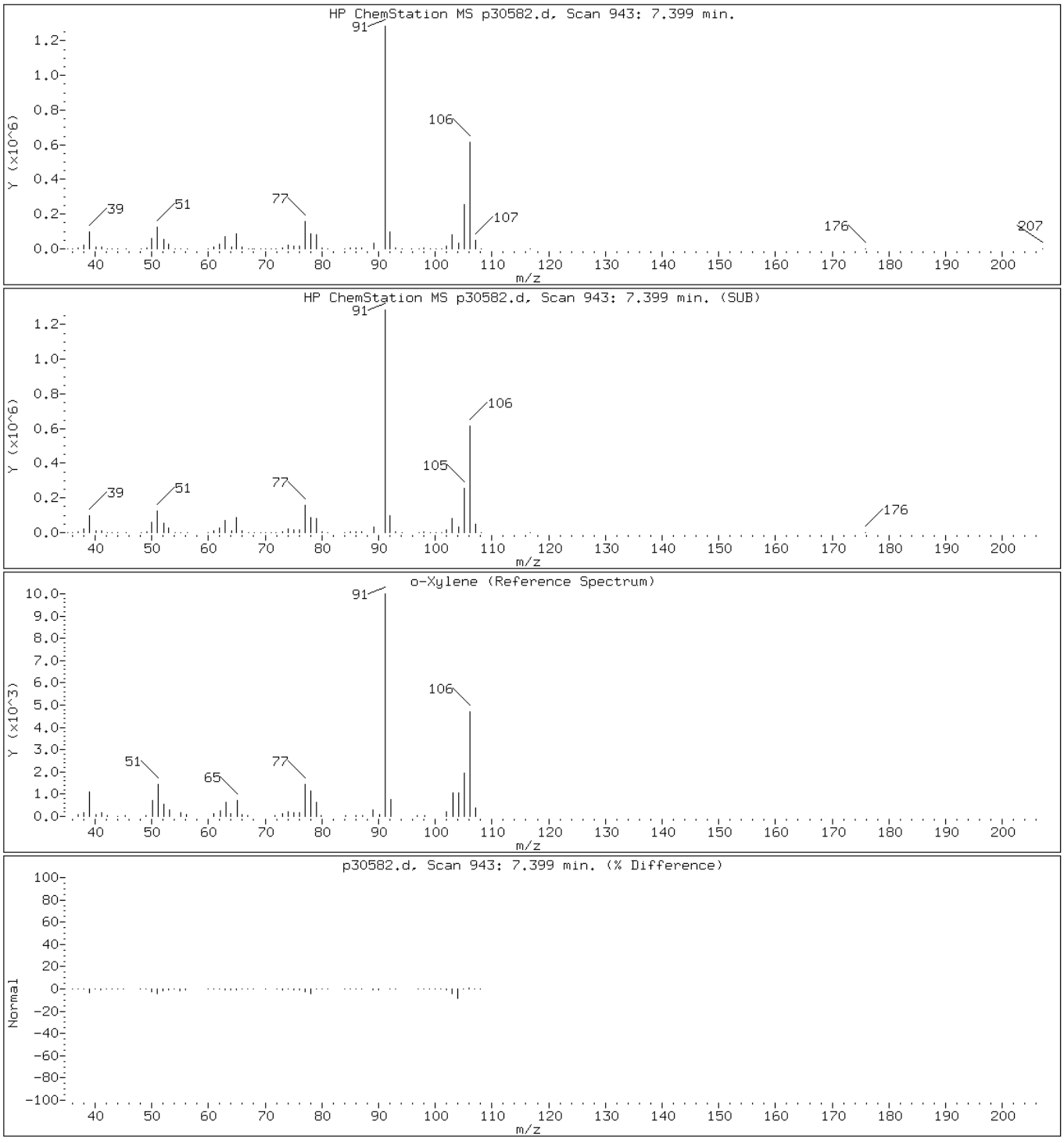
Data File: p30582.d

Date: 27-AUG-2009 18:09

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-4;5 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 Lab Sample ID: 460-4869-4 DL

Matrix: Water Lab File ID: p30458.d

Analysis Method: 8260B Date Collected: 08/19/2009 11:45

Sample wt/vol: 5(mL) Date Analyzed: 08/24/2009 16:07

Soil Aliquot Vol: Dilution Factor: 25

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15029 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	4800		25	2.2

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	56-125	
2037-26-5	Toluene-d8 (Surr)	96	72-127	
460-00-4	Bromofluorobenzene	111	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30458.d
Report Date: 25-Aug-2009 14:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30458.d
Lab Smp Id: 460-4869-F-4 Client Smp ID: GW-017338-081909-AC
Inj Date : 24-AUG-2009 16:07
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-F-4;25
Misc Info : 460-4869-F-4
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 14
Dil Factor: 25.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	1.738	1.738	(0.538)	11213	1.01781	25
	44 Cyclohexane	56	2.454	2.447	(0.760)	2202	0.34009	8.5(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	99521	48.1280	48
	48 Benzene	78	2.905	2.905	(0.447)	9695	0.57066	14(a)
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	851103	50.0000	
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	17453	2.91037	73
$	65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	383360	48.0072	48
	66 Toluene	91	4.746	4.746	(0.730)	3301141	192.833	4800
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	646502	50.0000	
	81 Ethylbenzene	106	6.608	6.609	(1.017)	138762	23.0494	580
	82 m+p-Xylene	106	6.823	6.823	(1.050)	700247	92.5984	2300
	84 o-Xylene	106	7.396	7.396	(1.138)	263245	36.5403	910
	88 Isopropylbenzene	105	7.883	7.884	(1.213)	7281	0.41663	10(a)
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	271723	55.7057	56
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	10724	0.48239	12(aH)
	97 1,3,5-Trimethylbenzene	105	8.836	8.829	(0.913)	14885	0.96961	24(a)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30458.d
Report Date: 25-Aug-2009 14:59

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	118725	7.36034	180
103 sec-Butylbenzene	105	9.416	9.409	(0.973)	6294	0.32071	8.0(a)
* 108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	350140	50.0000	
116 Naphthalene	128	11.637	11.637	(1.203)	2823346	189.113	4700
M 121 Xylene (Total)	100				963492	129.452	3200

QC Flag Legend

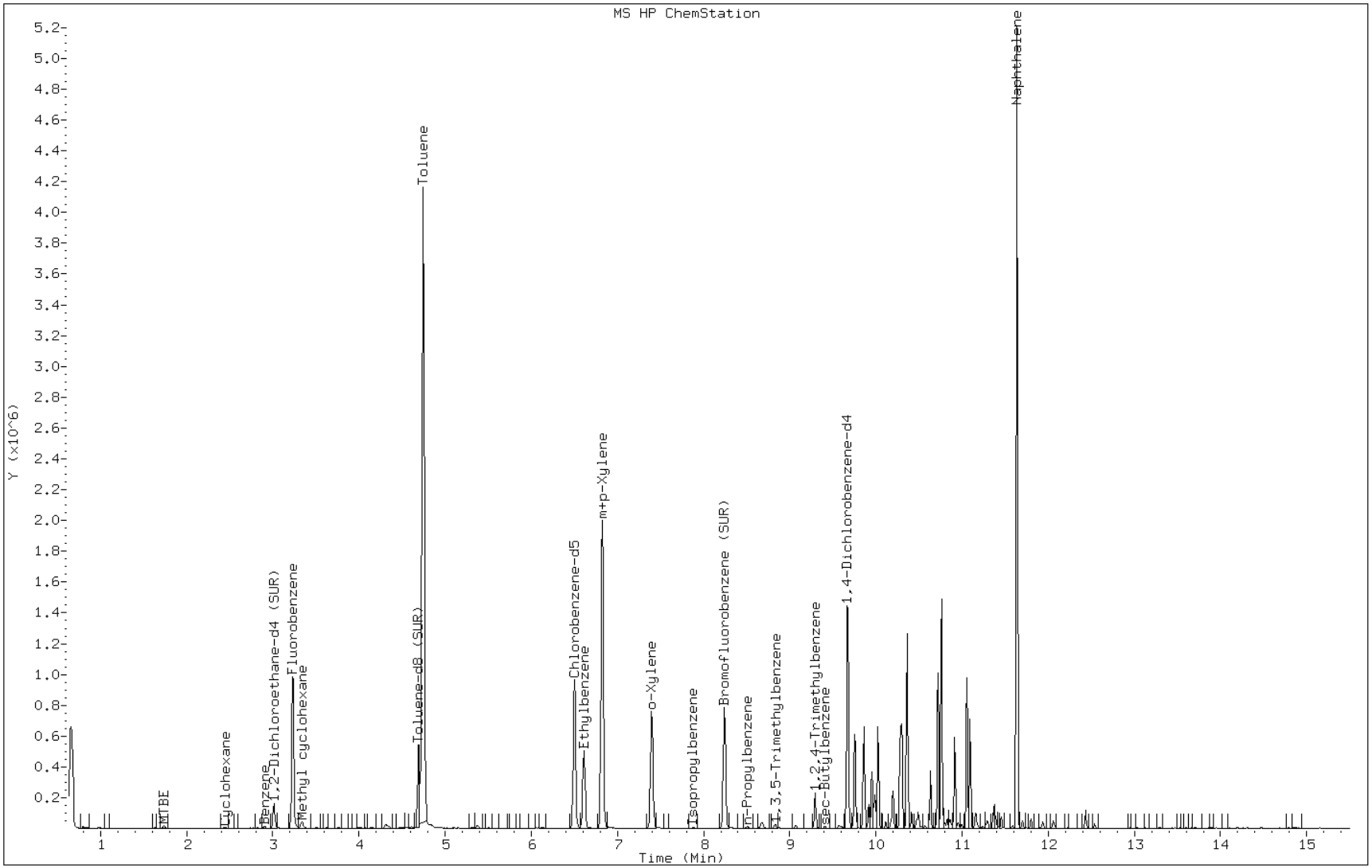
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p30458.d

Date: 24-AUG-2009 16:07

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-4;25 Operator:



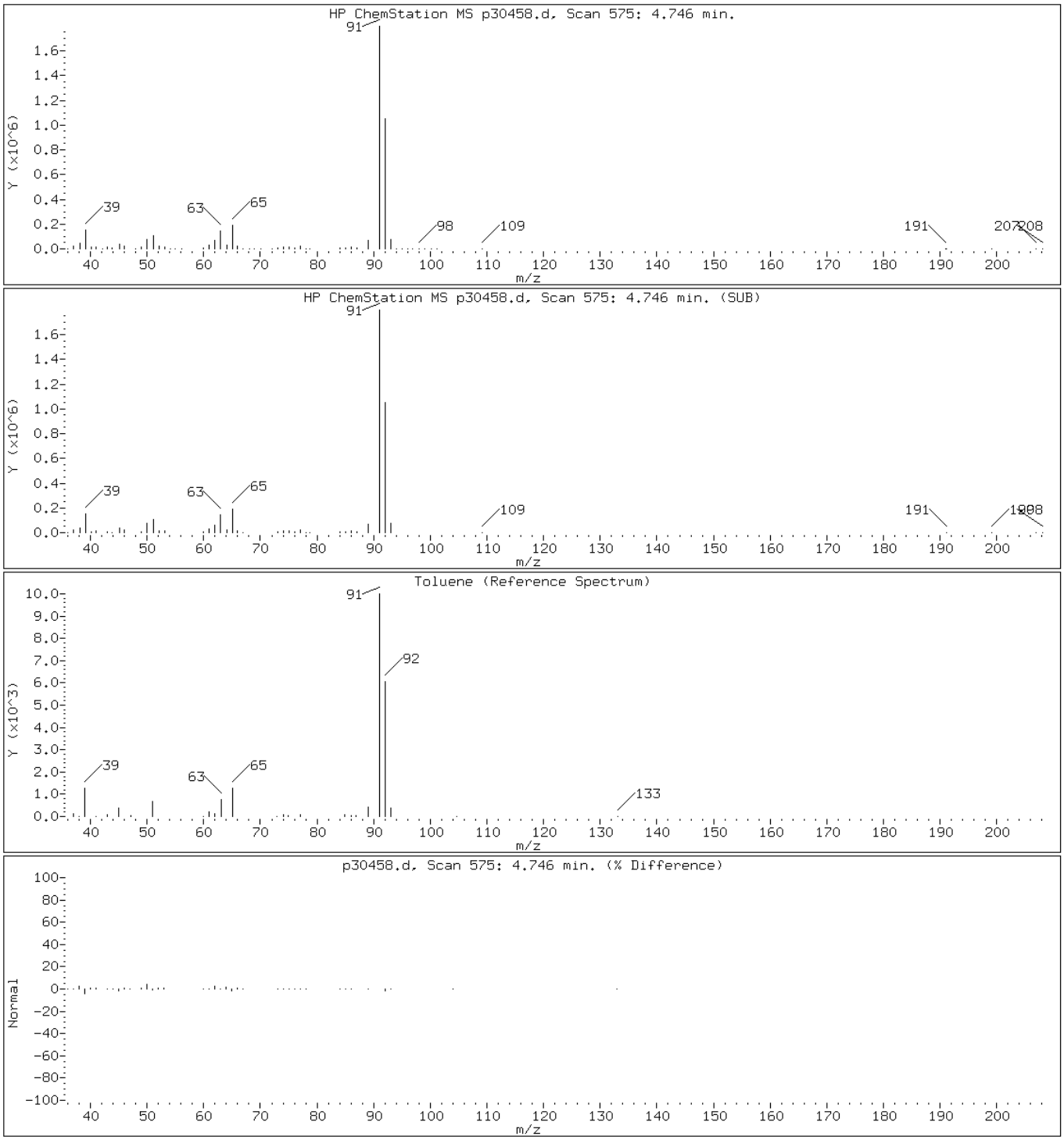
Data File: p30458.d

Date: 24-AUG-2009 16:07

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-4;25 Operator:

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-13 | Lab Sample ID: 460-4869-5

Matrix: Water | Lab File ID: p30584.d

Analysis Method: 8260B | Date Collected: 08/19/2009 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/27/2009 19:00

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15423 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2.0	U	2.0	0.58
74-87-3	Chloromethane	2.0	U	2.0	0.42
74-83-9	Bromomethane	2.0	U	2.0	0.62
75-01-4	Vinyl chloride	2.0	U	2.0	0.26
75-00-3	Chloroethane	2.0	U	2.0	0.90
75-69-4	Trichlorofluoromethane	2.0	U	2.0	0.32
76-13-1	Freon TF	2.0	U	2.0	0.56
75-09-2	Methylene Chloride	2.0	U	2.0	0.38
67-64-1	Acetone	24		20	5.0
75-15-0	Carbon disulfide	2.0	U	2.0	0.30
79-20-9	Methyl acetate	4.0	U	4.0	0.66
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.28
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.20
156-59-2	cis-1,2-Dichloroethene	1.0	J	2.0	0.40
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.28
1634-04-4	MTBE	440		2.0	0.36
67-66-3	Chloroform	2.0	U	2.0	0.30
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.48
78-93-3	2-Butanone	7.2	J	20	1.6
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.50
110-82-7	Cyclohexane	0.85	J	2.0	0.26
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.38
75-27-4	Bromodichloromethane	2.0	U	2.0	0.19
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.18
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.22
79-01-6	Trichloroethene	2.0	U	2.0	0.36
108-87-2	Methylcyclohexane	0.42	J	2.0	0.18
124-48-1	Dibromochloromethane	2.0	U	2.0	0.22
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.20
71-43-2	Benzene	260		2.0	0.26
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.24
75-25-2	Bromoform	2.0	U	2.0	0.20
98-82-8	Isopropylbenzene	4.0		2.0	0.42
108-10-1	4-Methyl-2-pentanone	1.6	J	20	1.4
591-78-6	2-Hexanone	20	U	20	1.1
127-18-4	Tetrachloroethene	2.0	U	2.0	0.40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-13 | Lab Sample ID: 460-4869-5

Matrix: Water | Lab File ID: p30584.d

Analysis Method: 8260B | Date Collected: 08/19/2009 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/27/2009 19:00

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15423 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	200		2.0	0.18
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.18
108-90-7	Chlorobenzene	0.91	J	2.0	0.32
100-41-4	Ethylbenzene	1300	E	2.0	0.50
1330-20-7	Xylenes, Total	4500	E	6.0	0.86
100-42-5	Styrene	2.0	U	2.0	0.26
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.30
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	0.44
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	0.30
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	0.32
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.88
106-93-4	1,2-Dibromoethane	2.0	U	2.0	0.18

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	56-125	
2037-26-5	Toluene-d8 (Surr)	96	72-127	
460-00-4	Bromofluorobenzene	99	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30584.d
Report Date: 31-Aug-2009 12:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30584.d
Lab Smp Id: 460-4869-E-5 Client Smp ID: GW-017338-081909-AC
Inj Date : 27-AUG-2009 19:00
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-E-5;2
Misc Info : 460-4869-E-5
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 23
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	16 Acetone	58	1.625	1.630	(0.503)	4044	12.0016	24(H)
	24 TBA	59	1.797	1.809	(0.556)	6352	17.5810	35(a)
	28 MTBE	73	1.733	1.738	(0.536)	2616420	219.114	440
	32 DIPE	45	1.948	1.945	(0.603)	111020	9.13590	18
	36 cis-1,2-Dichloroethene	96	2.334	2.332	(0.723)	2199	0.50609	1.0(a)
	38 2-Butanone	72	2.743	2.740	(0.849)	2402	3.61555	7.2(a)
	44 Cyclohexane	56	2.449	2.447	(0.758)	2902	0.42325	0.85(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.013	(0.931)	127514	47.1143	47
	48 Benzene	78	2.908	2.905	(0.447)	2078554	129.581	260
	50 t-Amyl-methyl-ether	73	3.015	3.020	(0.933)	72558	6.82545	14
*	52 Fluorobenzene	96	3.230	3.228	(1.000)	878835	50.0000	
	56 Methyl cyclohexane	83	3.330	3.335	(1.031)	1361	0.21001	0.42(a)
	70 4-Methyl-2-Pentanone	43	5.221	5.226	(0.803)	2241	0.79361	1.6(a)
$	65 Toluene-d8 (SUR)	98	4.691	4.689	(0.721)	389788	47.9278	48
	66 Toluene	91	4.741	4.739	(0.729)	1821452	100.614	200
*	78 Chlorobenzene-d5	117	6.503	6.501	(1.000)	679076	50.0000	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30584.d
Report Date: 31-Aug-2009 12:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	79 Chlorobenzene	112	6.518	6.523	(1.002)	5193	0.45491	0.91(a)
	81 Ethylbenzene	106	6.618	6.609	(1.018)	3954521	658.535	1300(A)
	82 m+p-Xylene	106	6.854	6.823	(1.054)	16080033	2150.77	4300(A)
	84 o-Xylene	106	7.399	7.396	(1.138)	489881	69.0394	140
	88 Isopropylbenzene	105	7.879	7.876	(1.211)	36194	2.00891	4.0
$	89 Bromofluorobenzene (SUR)	174	8.244	8.242	(0.853)	205583	49.5723	50
	95 n-Propylbenzene	91	8.502	8.507	(0.879)	19647	0.91340	1.8(a)
	97 1,3,5-Trimethylbenzene	105	8.824	8.829	(0.913)	9156	0.59668	1.2(a)
	101 1,2,4-Trimethylbenzene	105	9.297	9.295	(0.961)	29724	1.85404	3.7
*	108 1,4-Dichlorobenzene-d4	152	9.669	9.667	(1.000)	364896	50.0000	
	106 n-Butylbenzene	91	10.028	10.025	(1.037)	7249	0.47121	0.94(a)
M	120 1,2-Dichloroethene (Total)	100				2199	0.53161	1.1(a)
M	121 Xylene (Total)	100				16569914	2254.56	4500(A)

QC Flag Legend

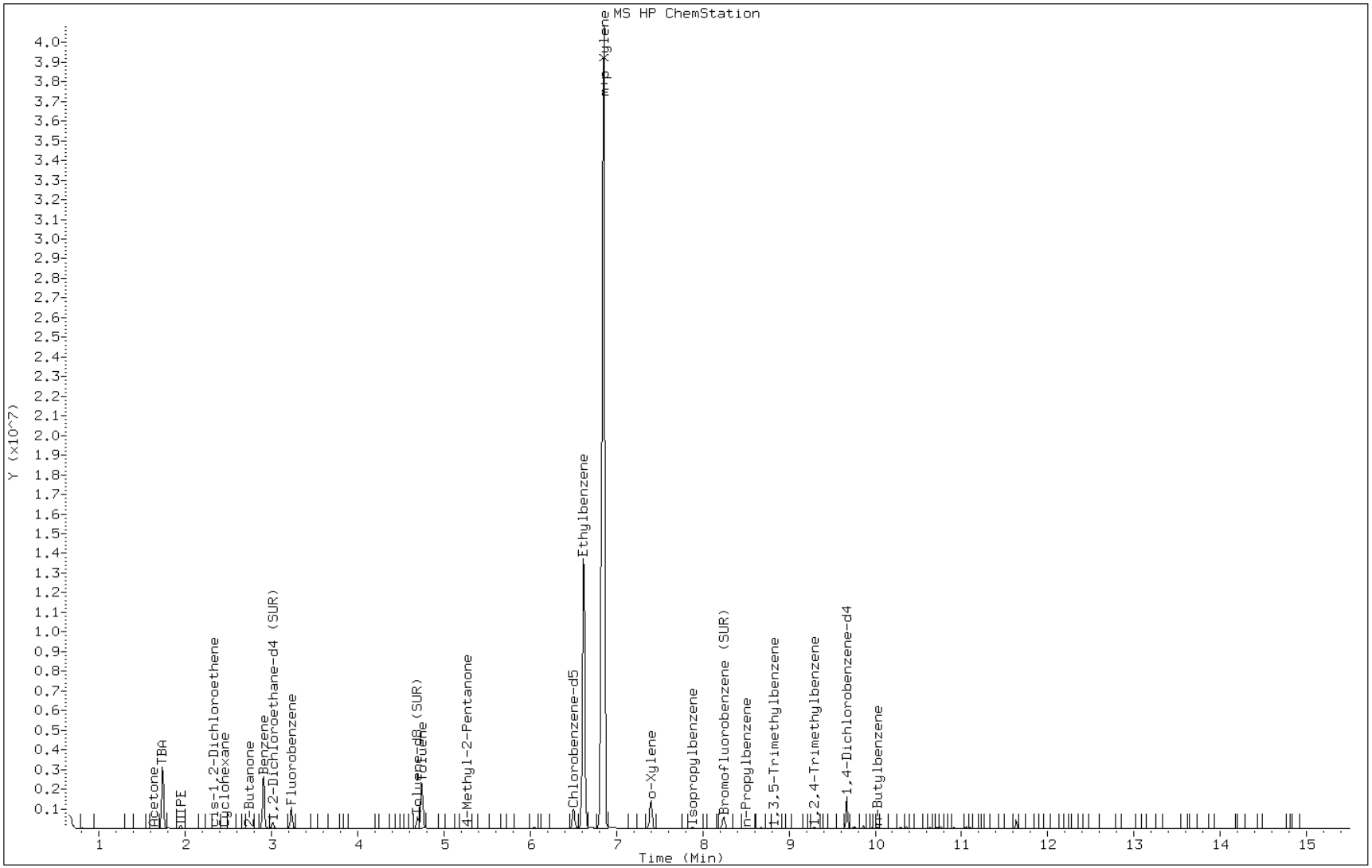
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:



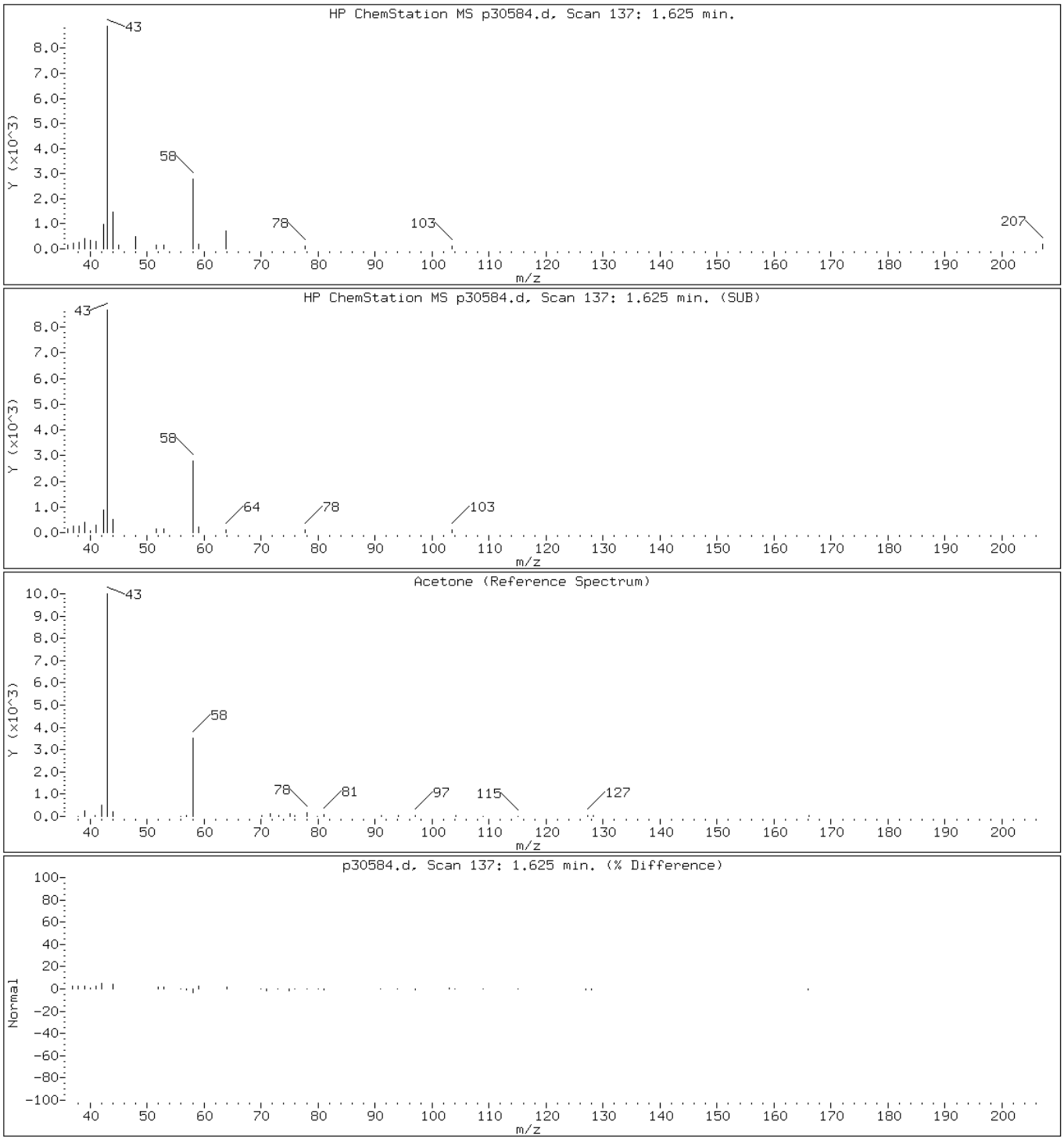
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

16 Acetone



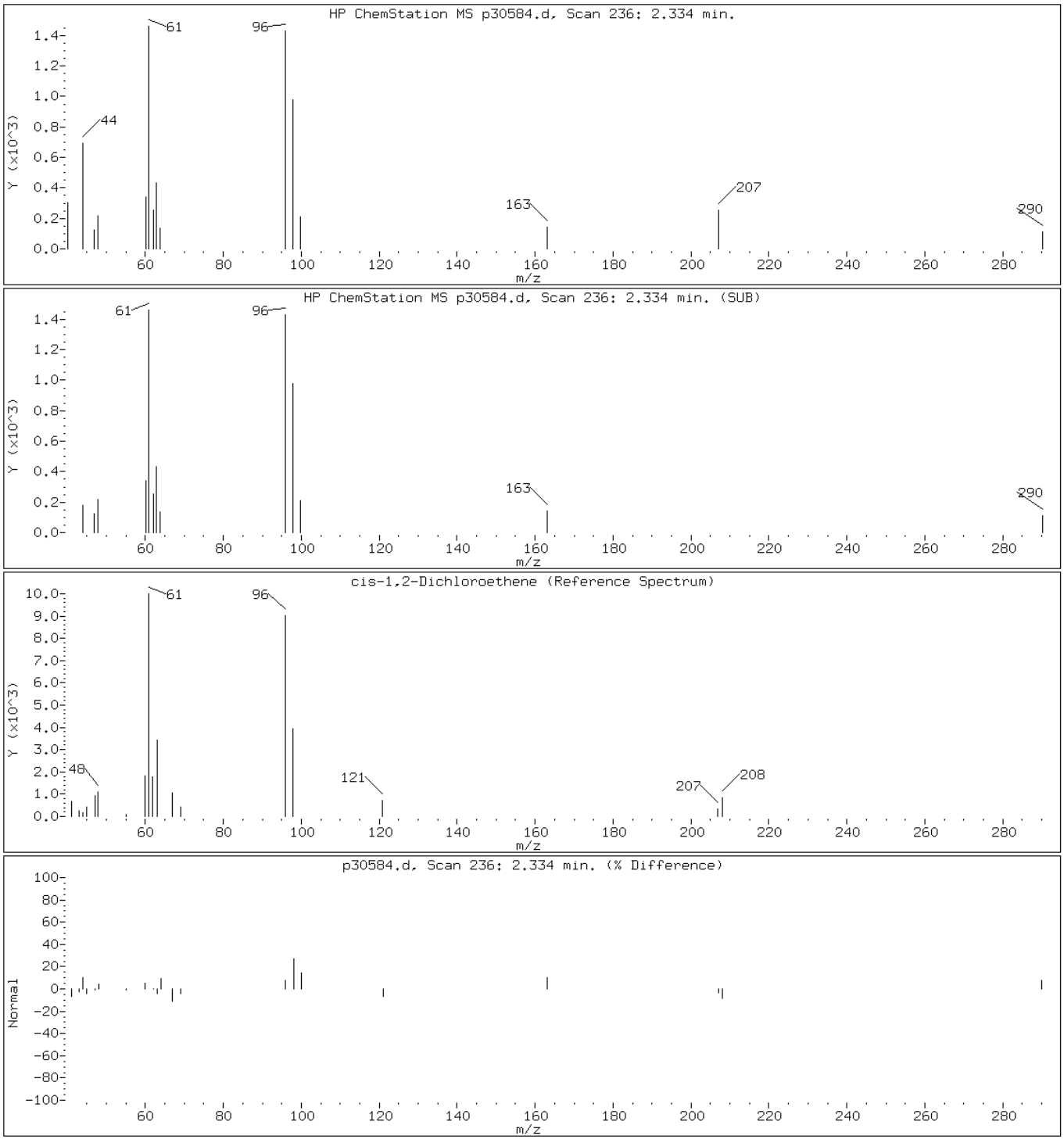
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

36 cis-1,2-Dichloroethene



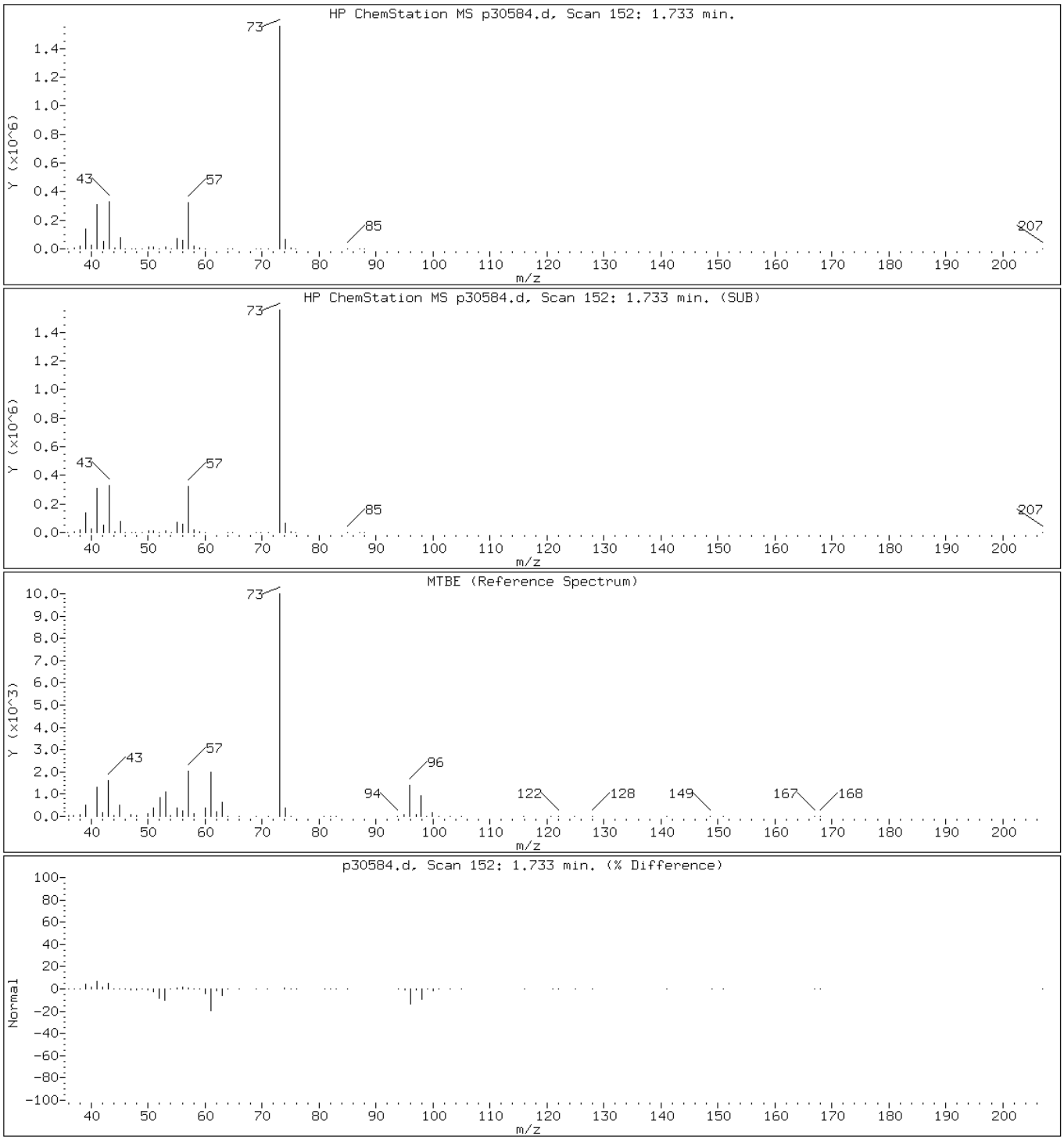
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

28 MTBE



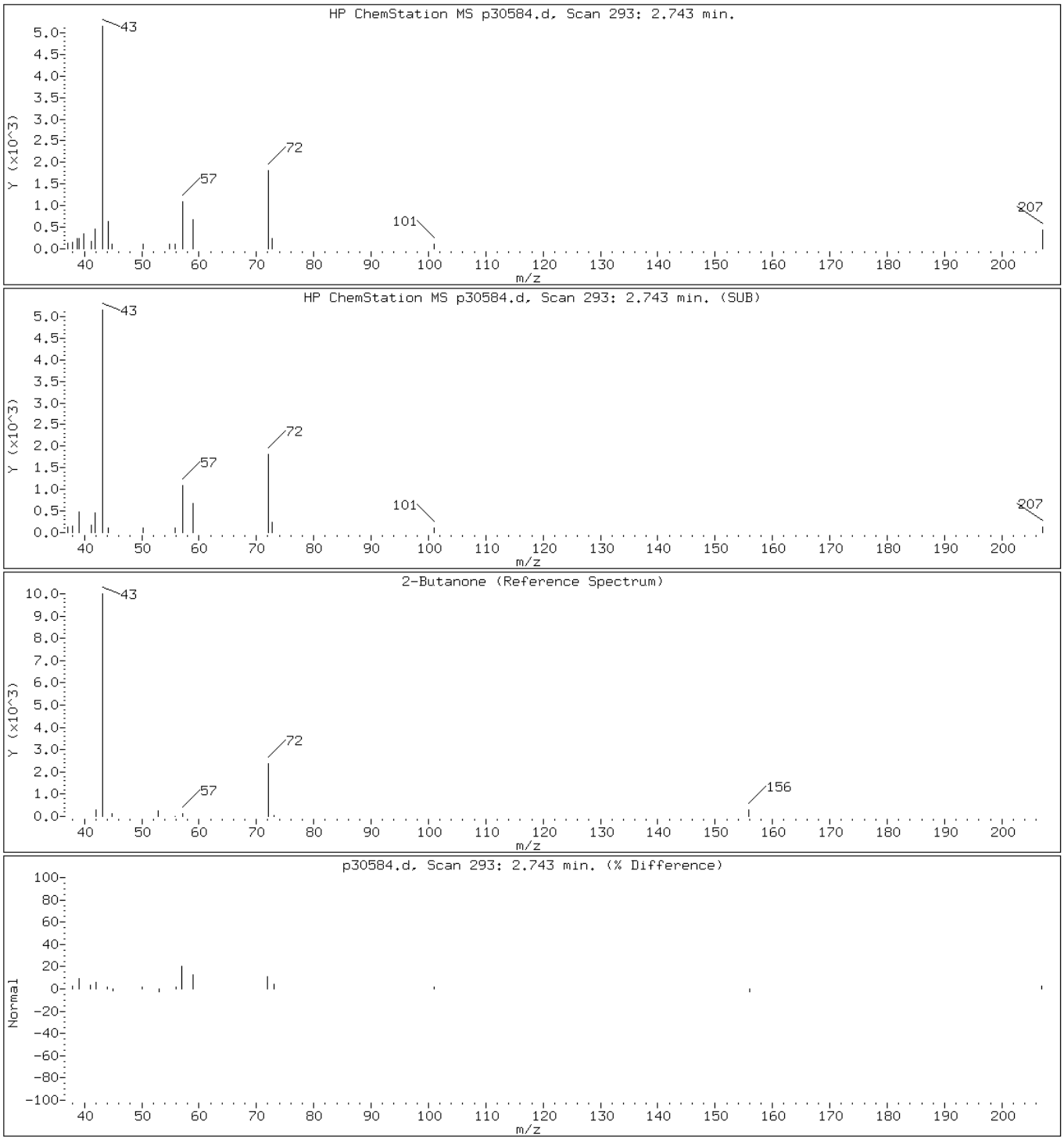
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

38 2-Butanone



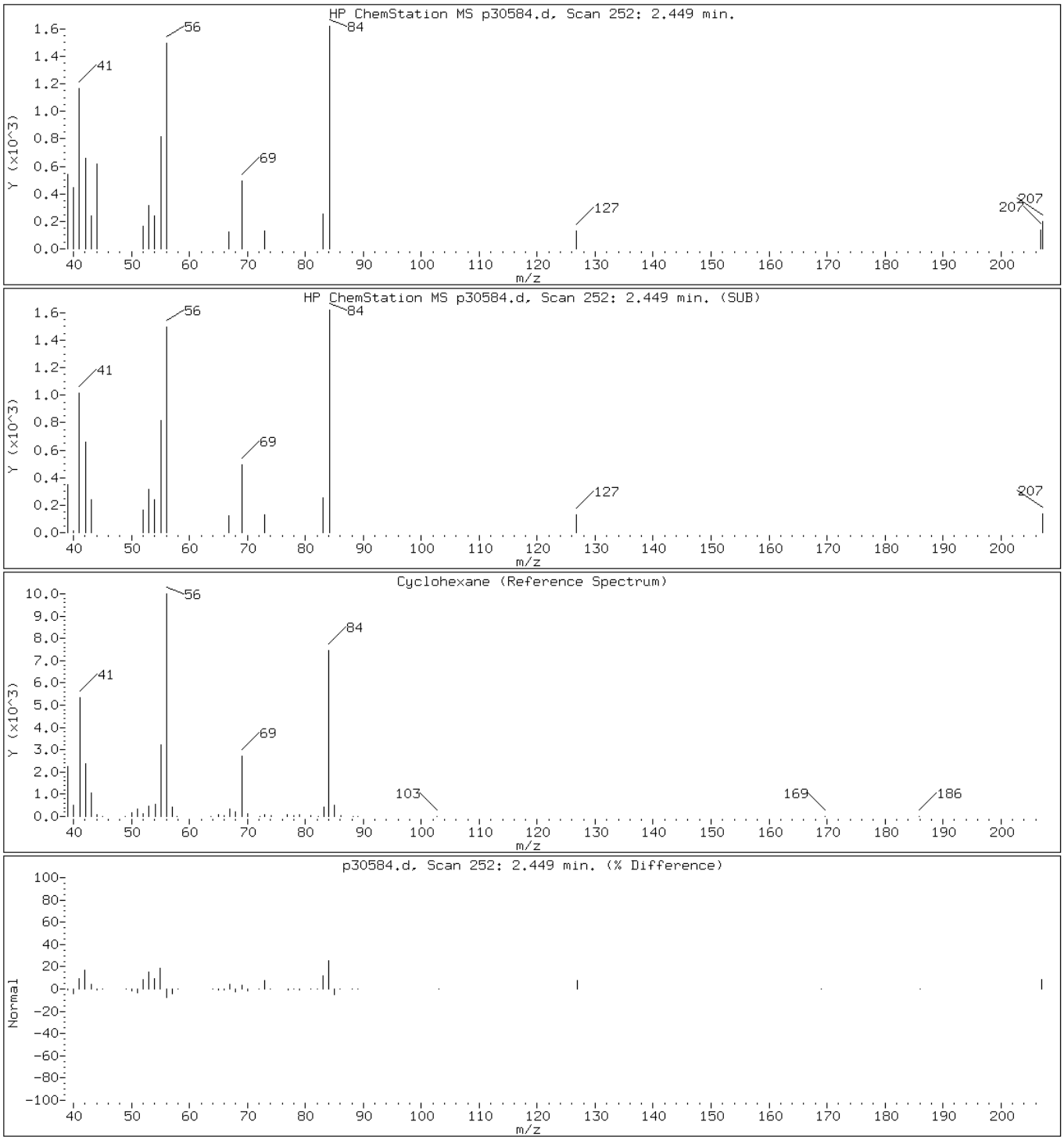
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

44 Cyclohexane



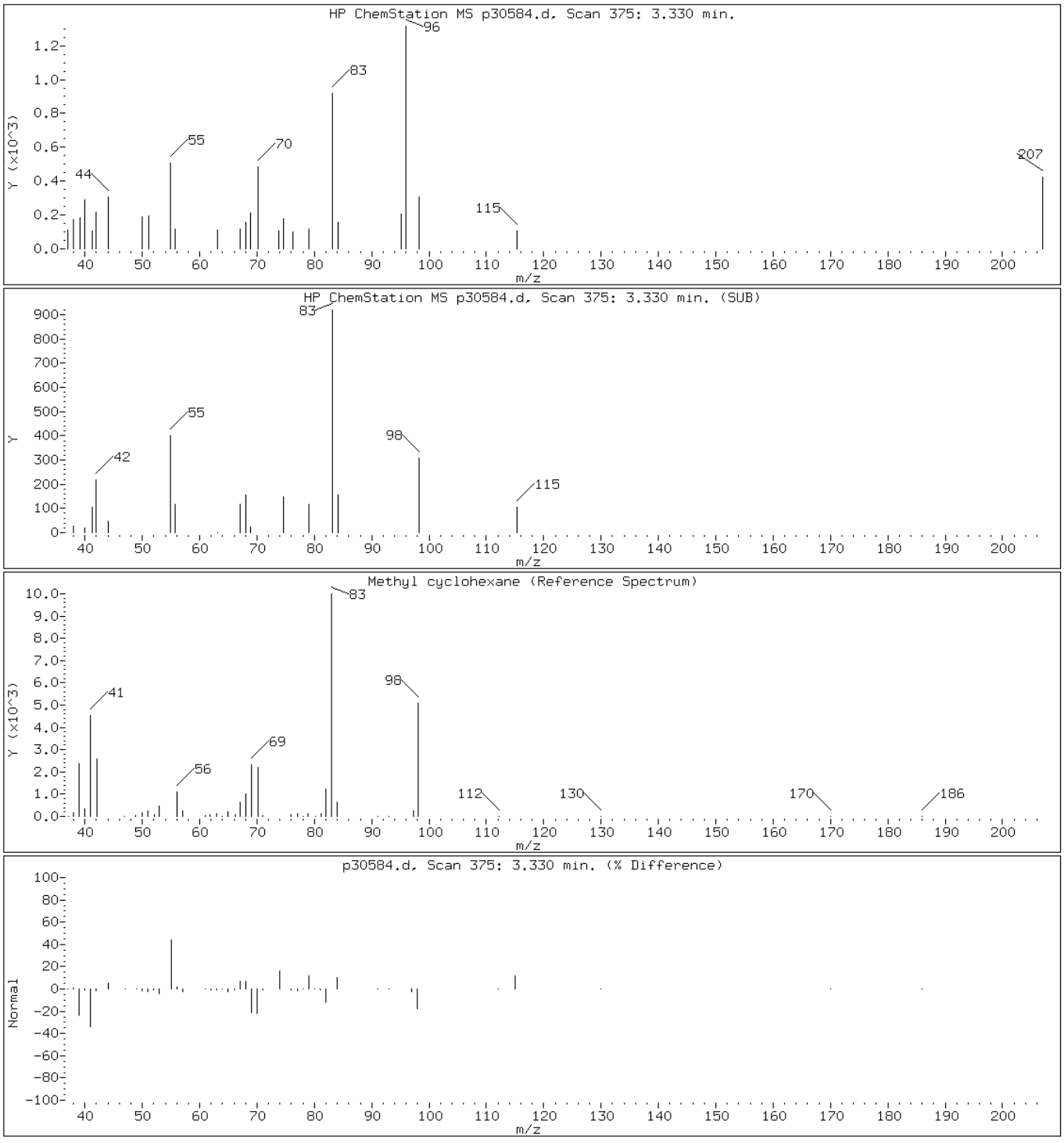
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

56 Methyl cyclohexane



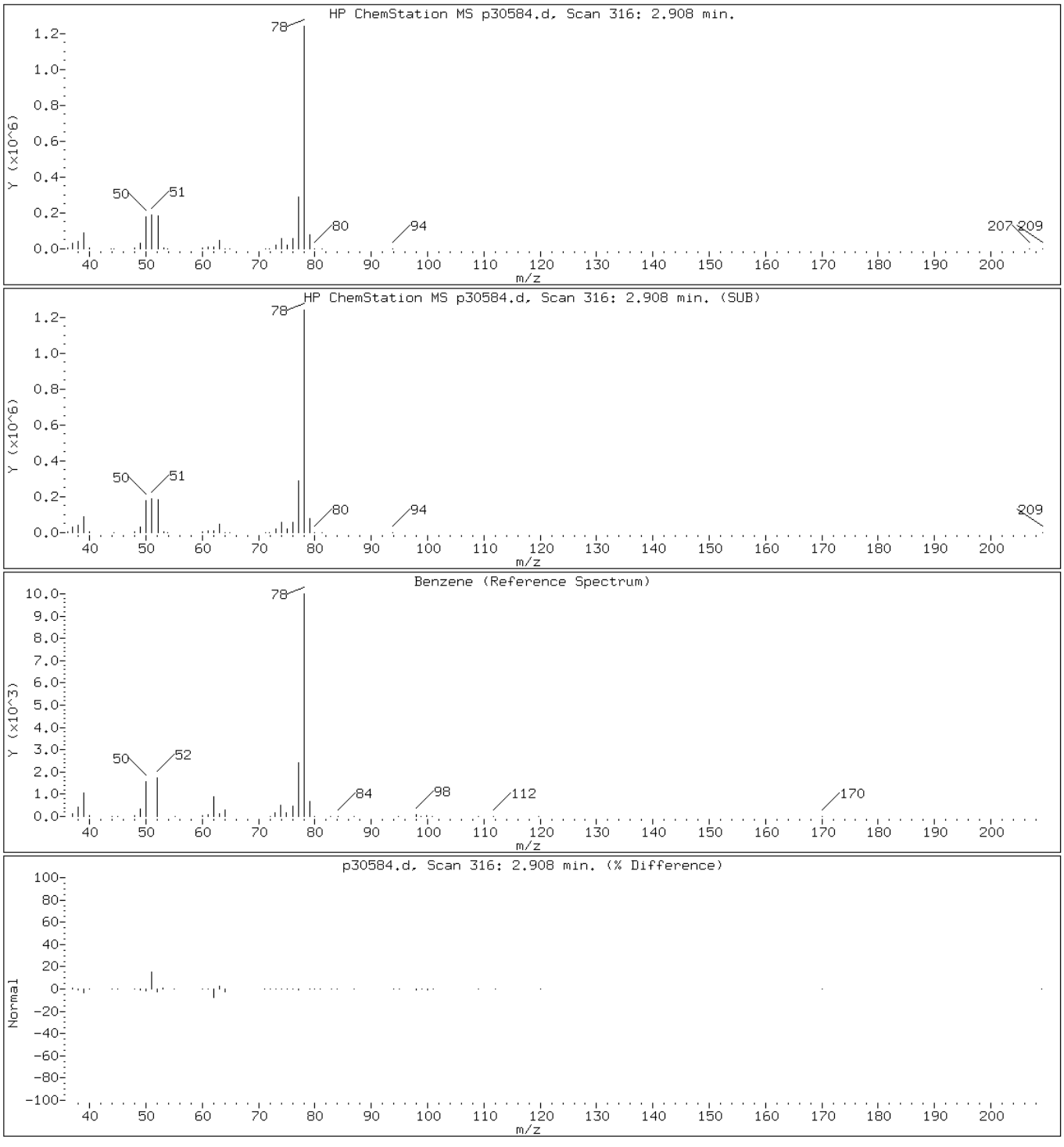
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

48 Benzene



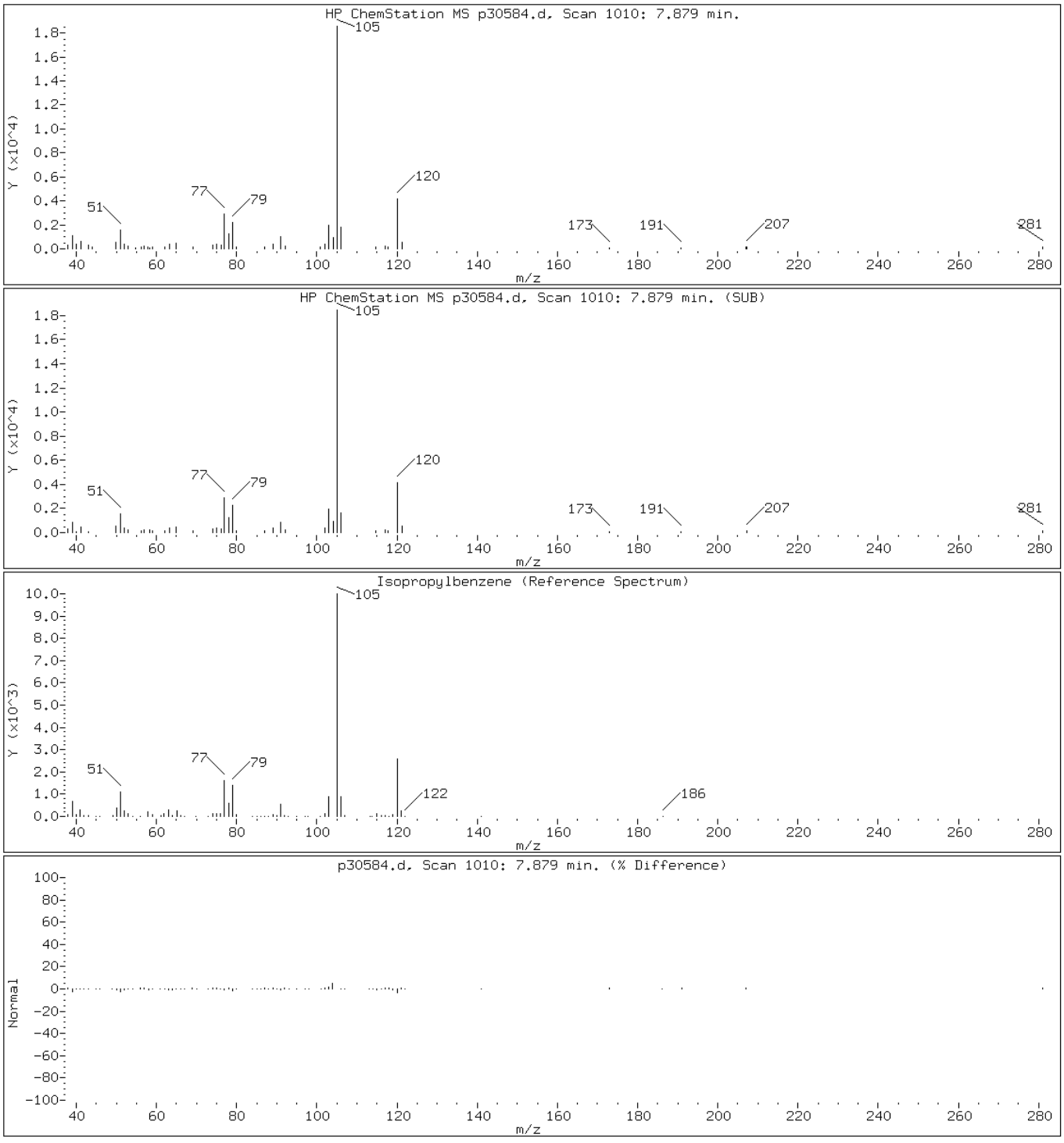
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

88 Isopropylbenzene



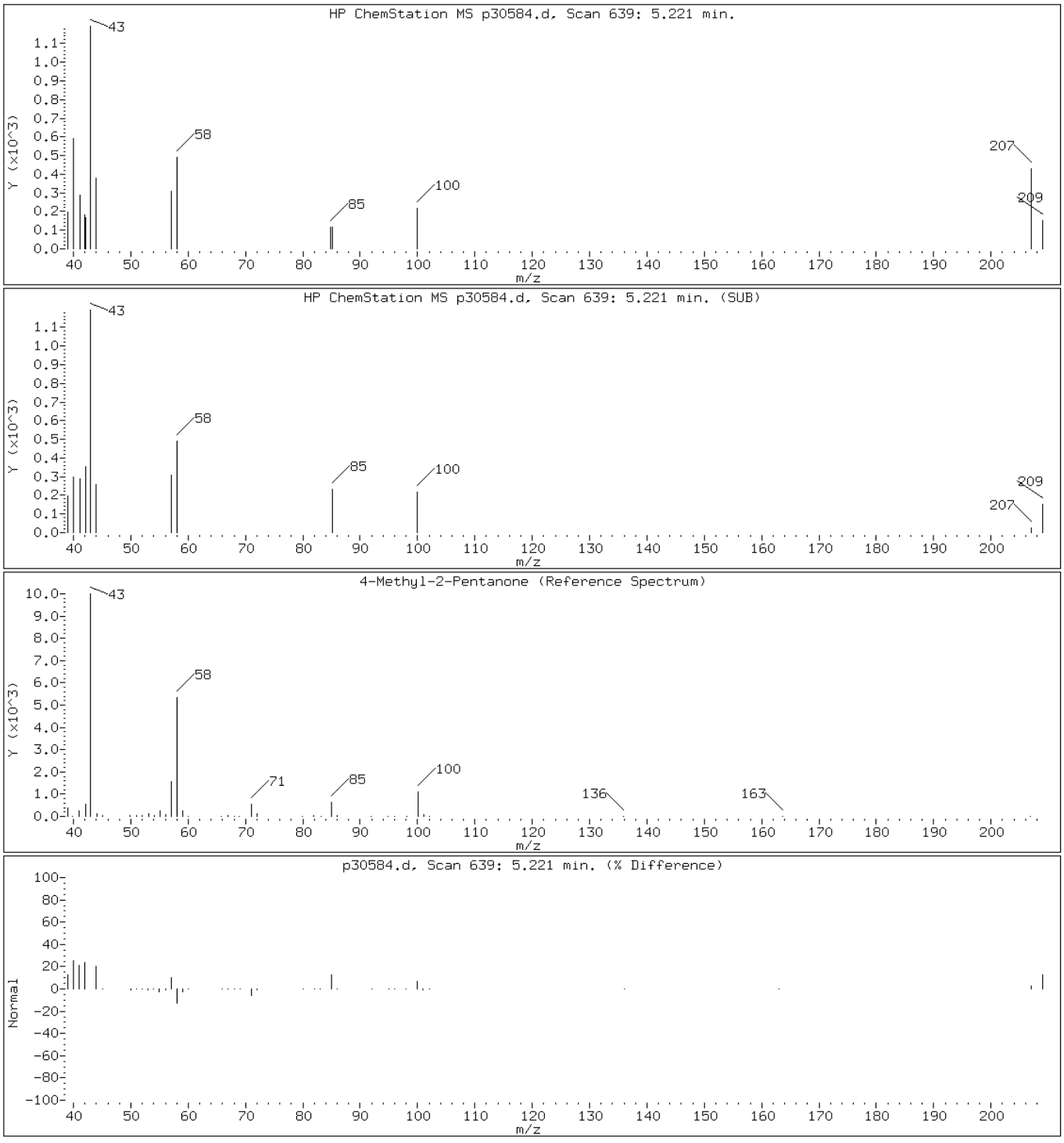
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

70 4-Methyl-2-Pentanone



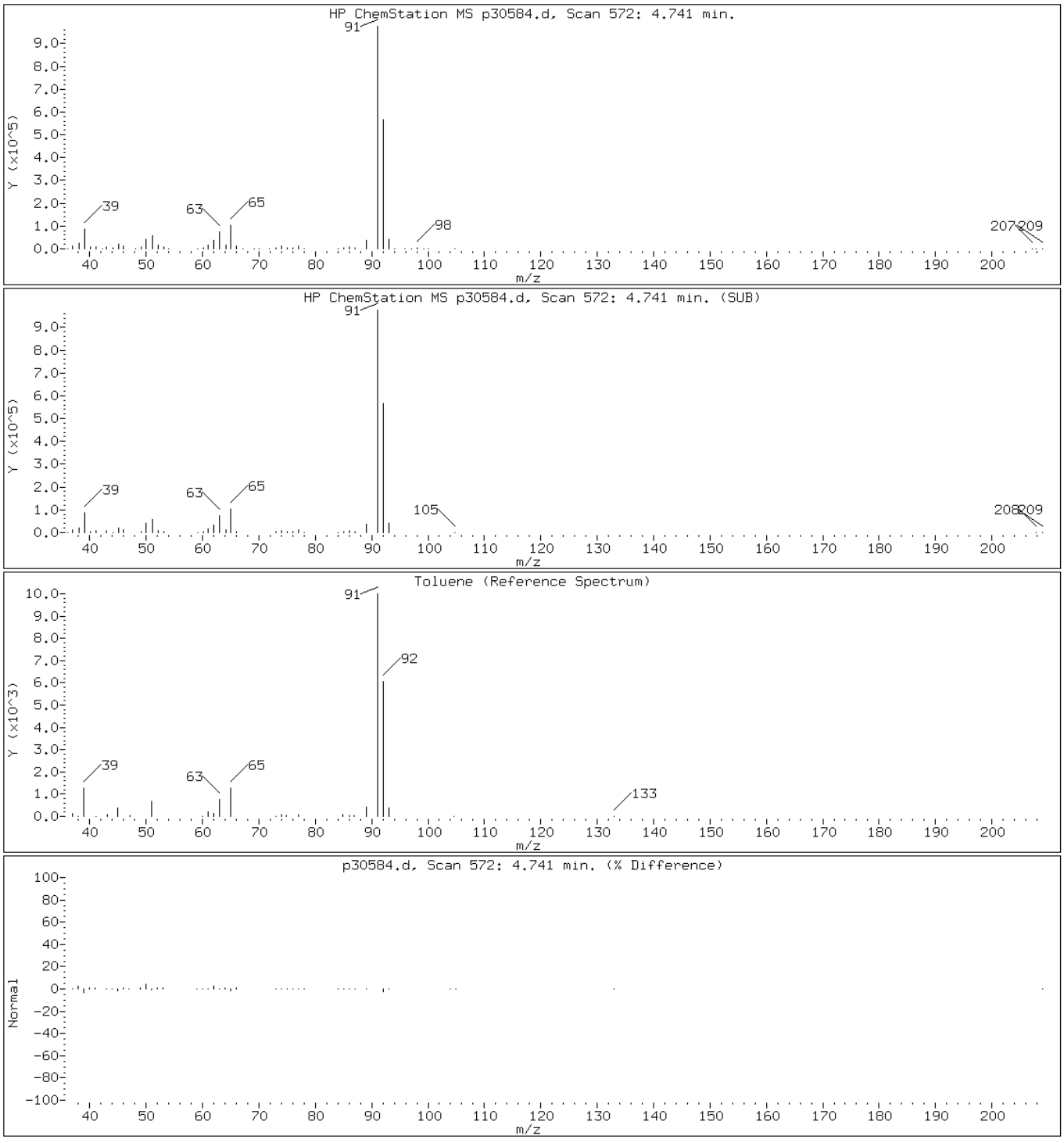
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

66 Toluene



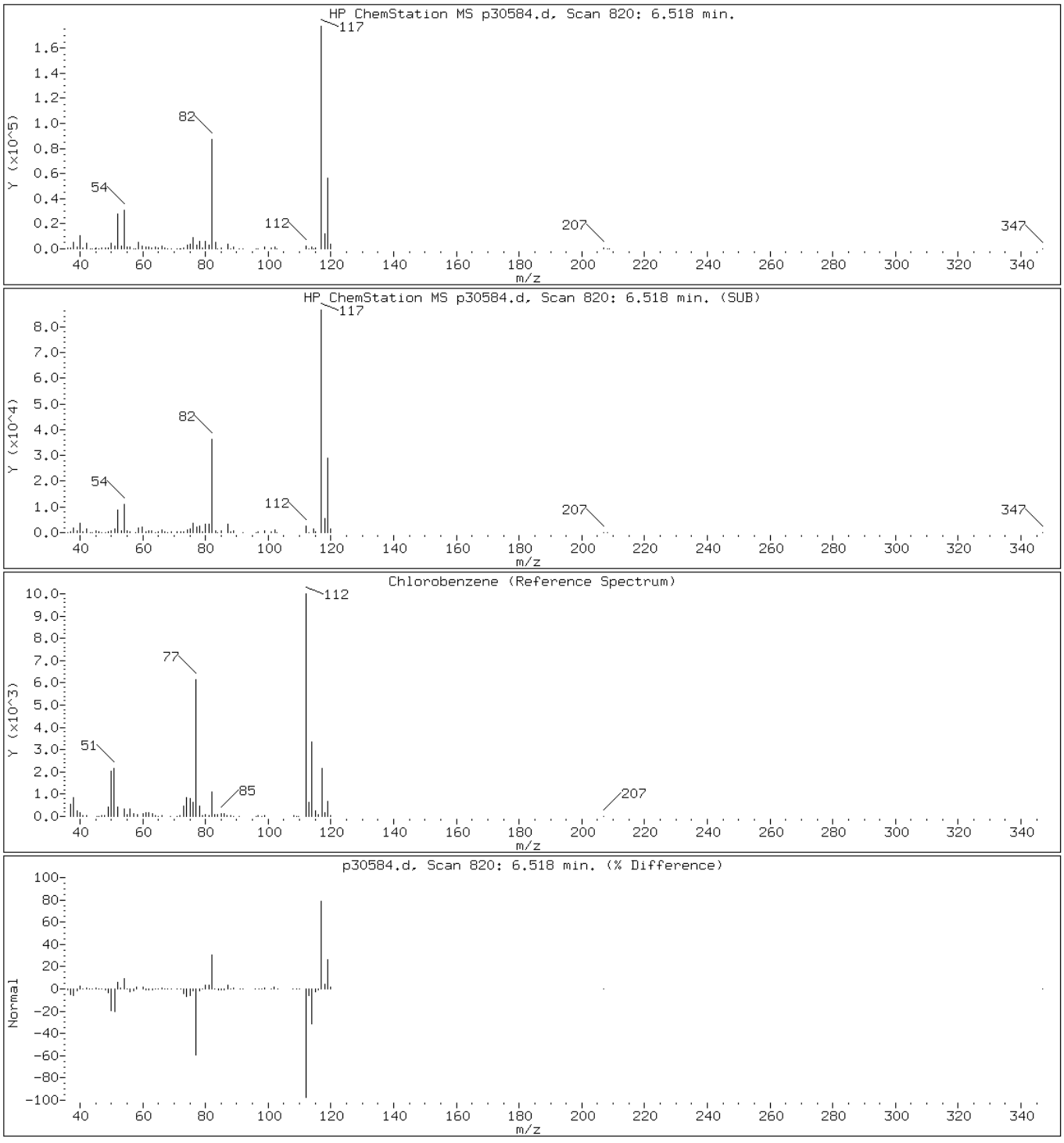
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

79 Chlorobenzene



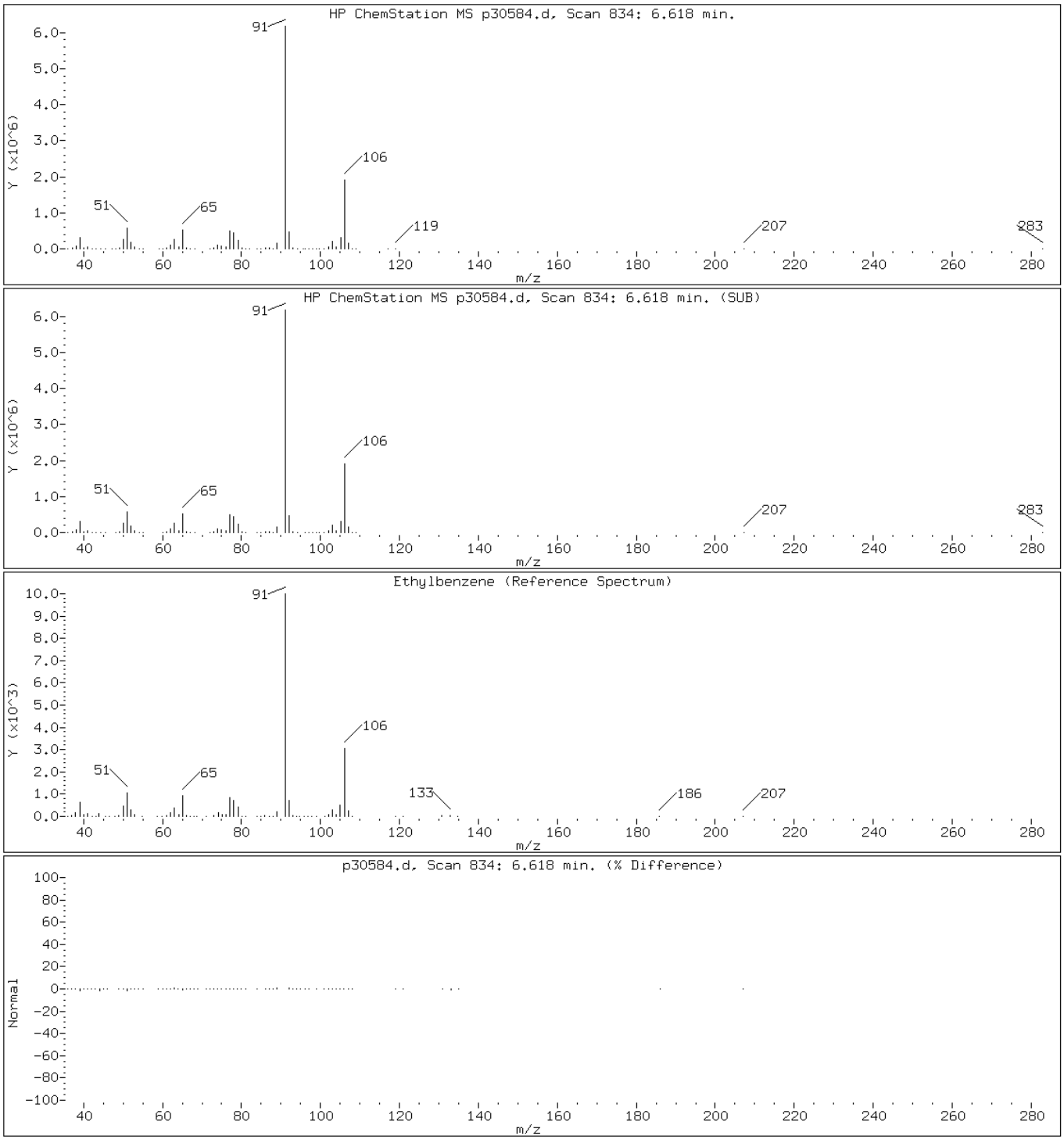
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

81 Ethylbenzene



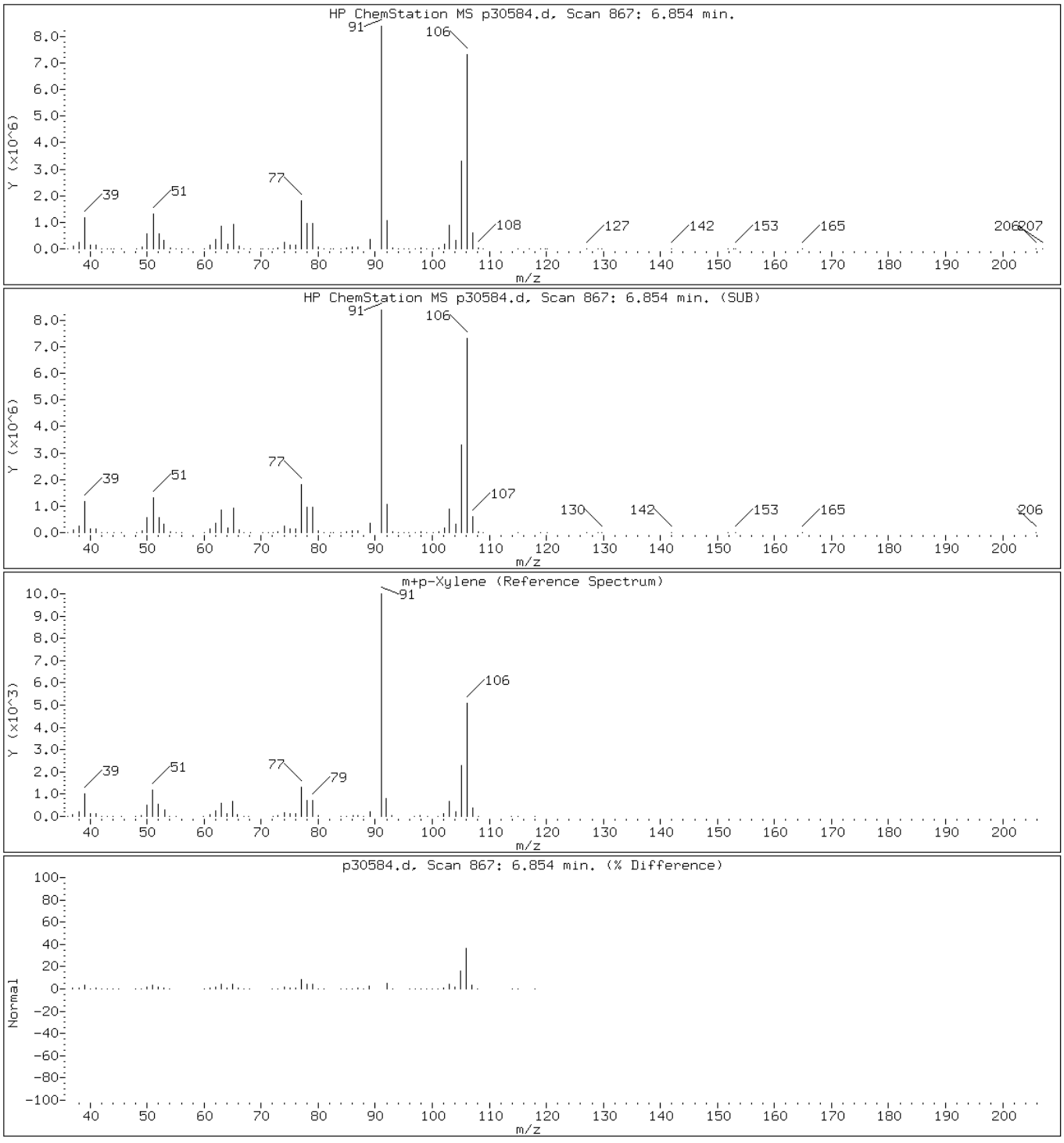
Data File: p30584.d

Date: 27-AUG-2009 19:00

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-5;2 Operator:

82 m+p-Xylene



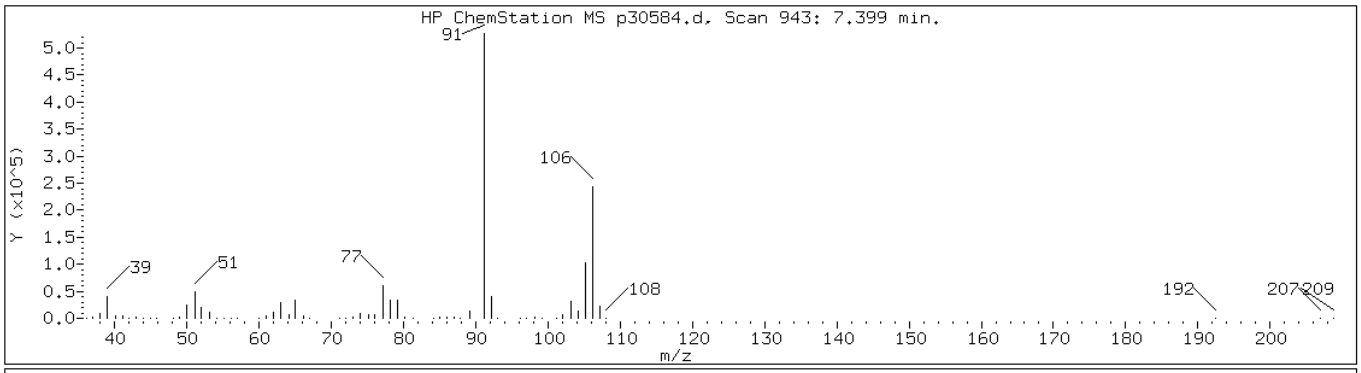
Data File: p30584.d

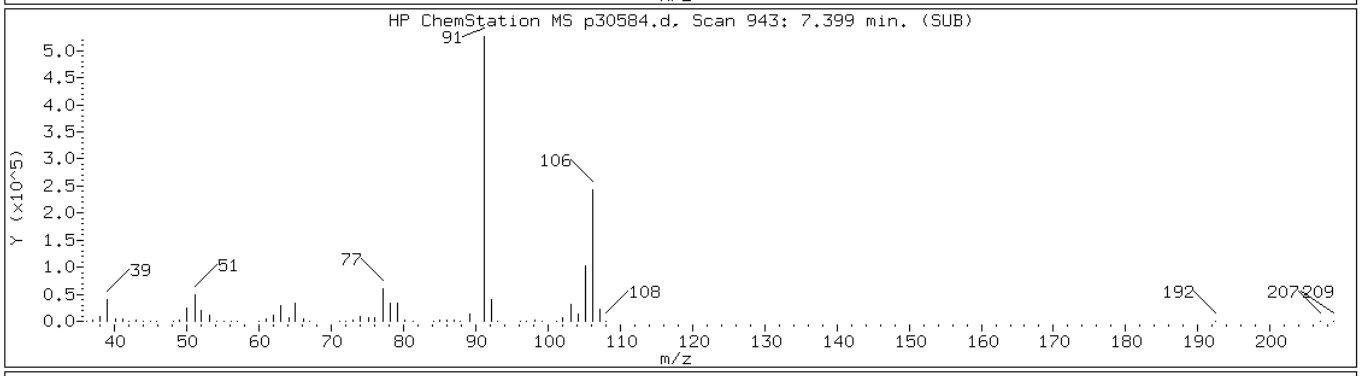
Date: 27-AUG-2009 19:00

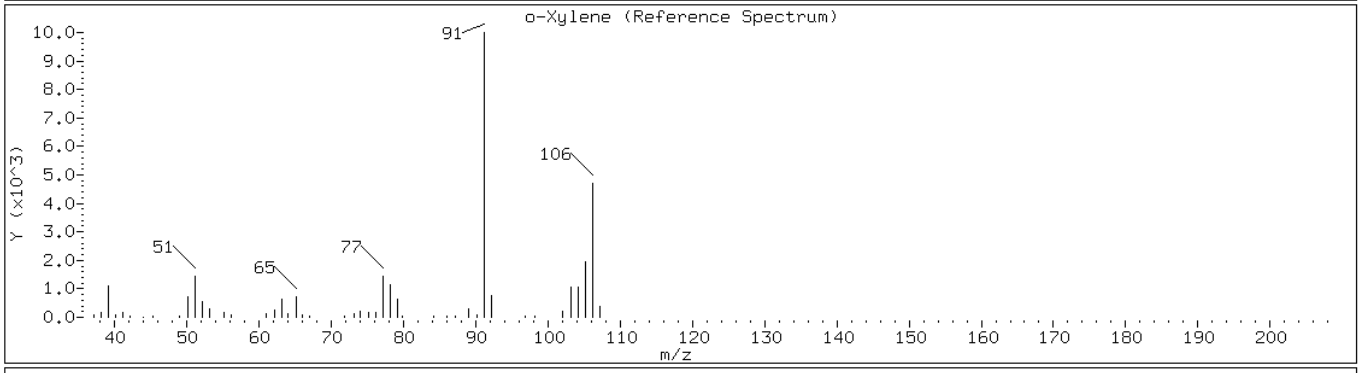
Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

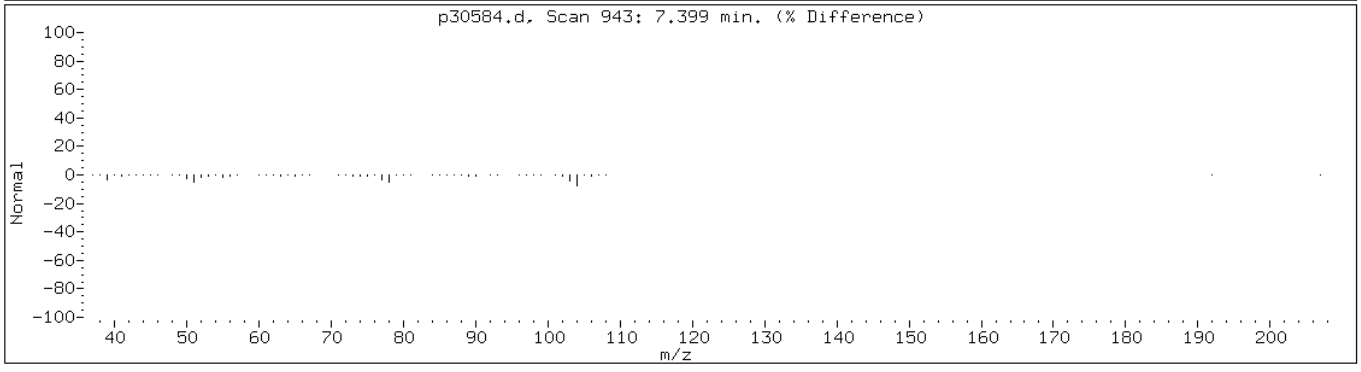
Sample Info: 460-4869-E-5;2 Operator:

84 o-Xylene









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-13 Lab Sample ID: 460-4869-5 DL

Matrix: Water Lab File ID: p30461.d

Analysis Method: 8260B Date Collected: 08/19/2009 14:00

Sample wt/vol: 5(mL) Date Analyzed: 08/24/2009 17:23

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15029 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1500		10	2.5
1330-20-7	Xylenes, Total	4900		30	4.3

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	56-125	
2037-26-5	Toluene-d8 (Surr)	94	72-127	
460-00-4	Bromofluorobenzene	111	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30461.d
Report Date: 25-Aug-2009 15:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30461.d
Lab Smp Id: 460-4869-F-5 Client Smp ID: GW-017338-081909-AC
Inj Date : 24-AUG-2009 17:23
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-F-5;10
Misc Info : 460-4869-F-5
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 17
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 TBA	59	1.795	1.809	(0.555)	1423	5.08569	51(a)
	28 MTBE	73	1.738	1.738	(0.537)	515461	47.7139	480
	32 DIPE	45	1.945	1.953	(0.601)	21368	1.67324	17
	44 Cyclohexane	56	2.447	2.447	(0.756)	971	0.15293	1.5(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	100272	49.4500	49
	48 Benzene	78	2.905	2.905	(0.447)	515079	30.5417	300
*	52 Fluorobenzene	96	3.235	3.228	(1.000)	834600	50.0000	
$	65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	371953	46.9225	47
	66 Toluene	91	4.746	4.746	(0.730)	396950	23.3586	230
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	641766	50.0000	
	81 Ethylbenzene	106	6.616	6.609	(1.018)	868477	145.325	1400
	82 m+p-Xylene	106	6.830	6.823	(1.051)	3497676	465.935	4600
	84 o-Xylene	106	7.396	7.396	(1.138)	100677	14.0778	140
	88 Isopropylbenzene	105	7.883	7.884	(1.213)	8326	0.47994	4.8(a)
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	264448	55.4027	55
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	4480	0.20594	2.0(a)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30461.d
Report Date: 25-Aug-2009 15:00

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	6531	0.41376	4.1(a)
* 108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	342629	50.0000	
116 Naphthalene	128	11.637	11.637	(1.203)	44264	2.92636	29
M 121 Xylene (Total)	100				3598353	487.030	4900

QC Flag Legend

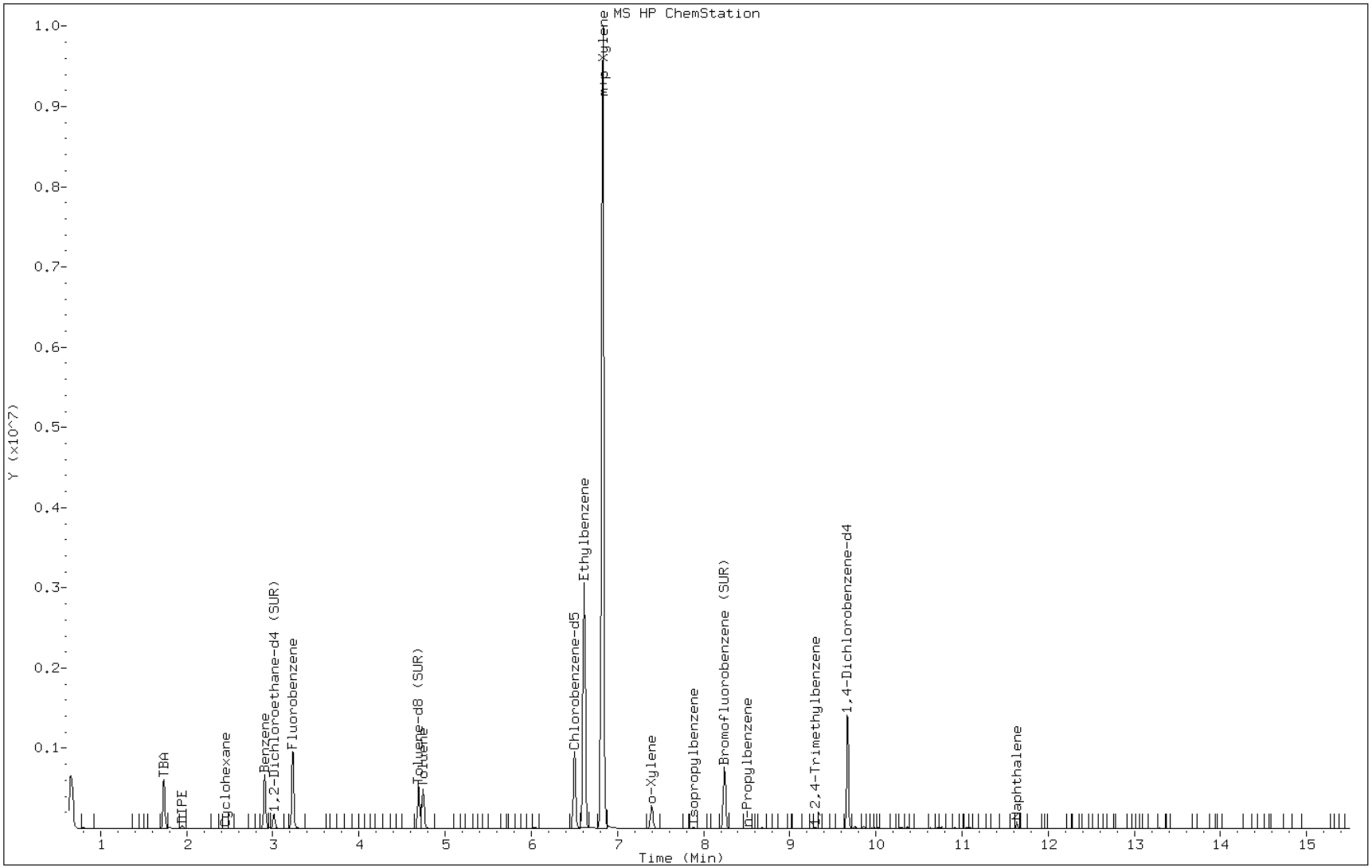
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30461.d

Date: 24-AUG-2009 17:23

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-5;10 Operator:



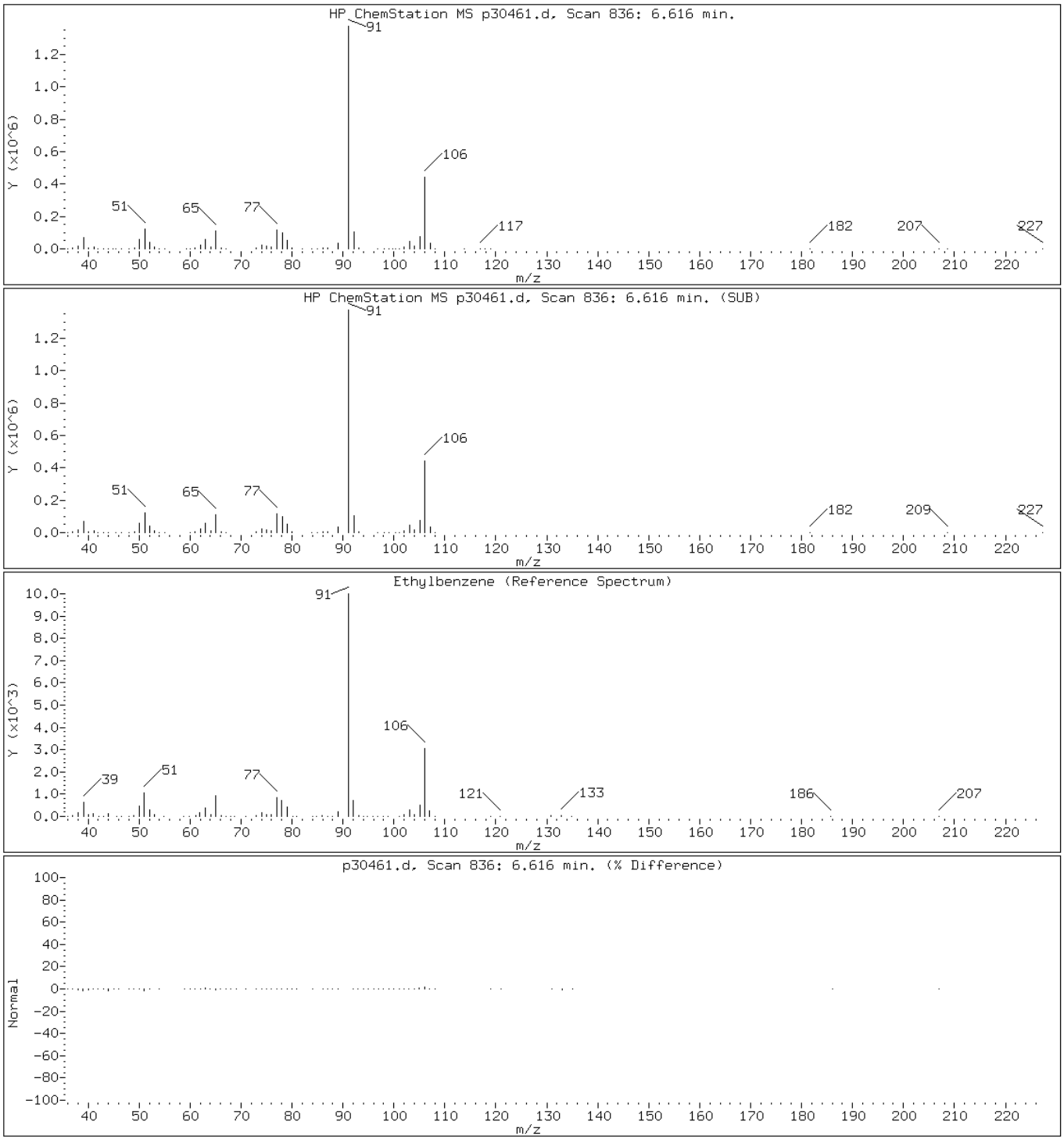
Data File: p30461.d

Date: 24-AUG-2009 17:23

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-5;10 Operator:

81 Ethylbenzene



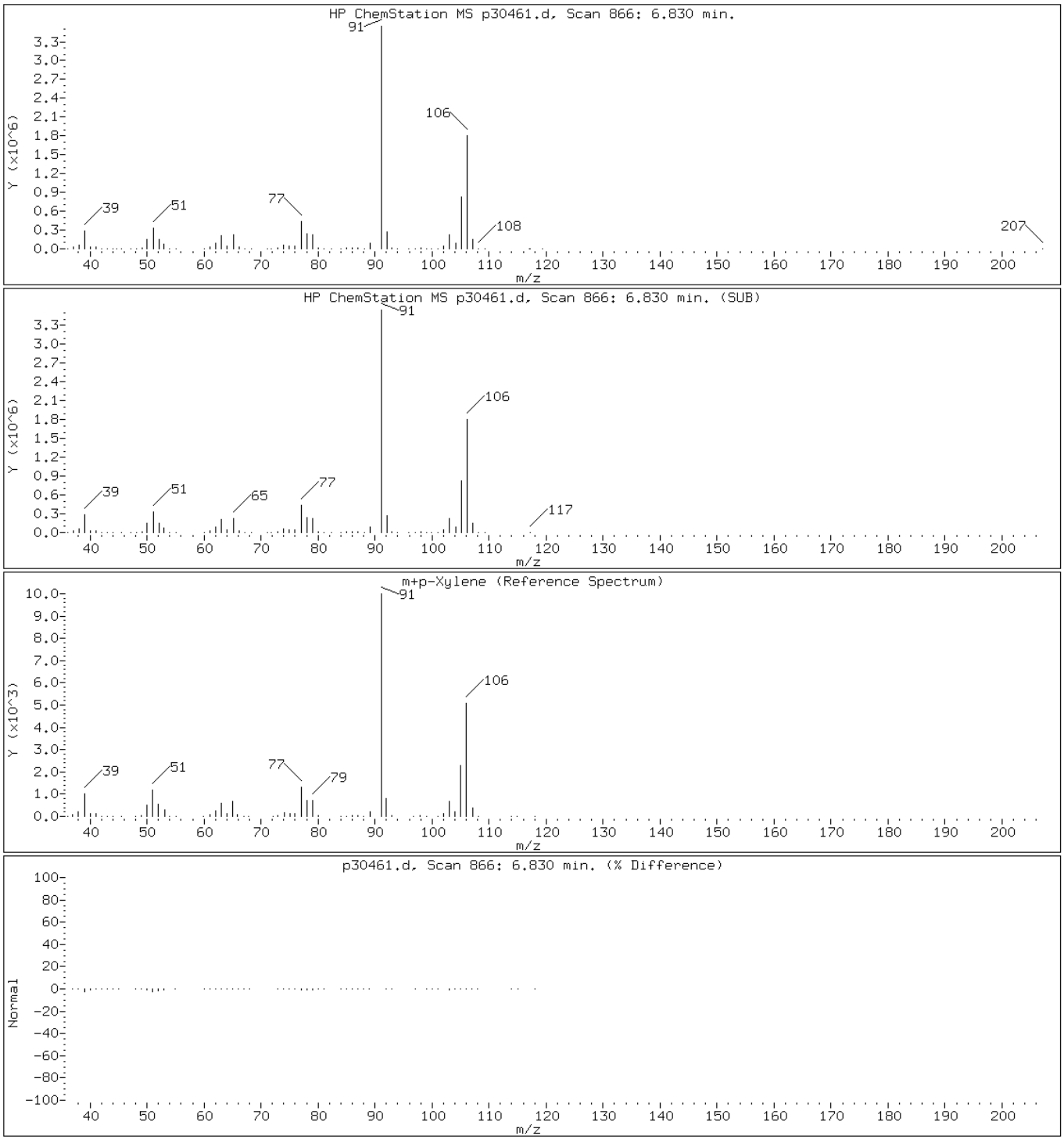
Data File: p30461.d

Date: 24-AUG-2009 17:23

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-5;10 Operator:

82 m+p-Xylene



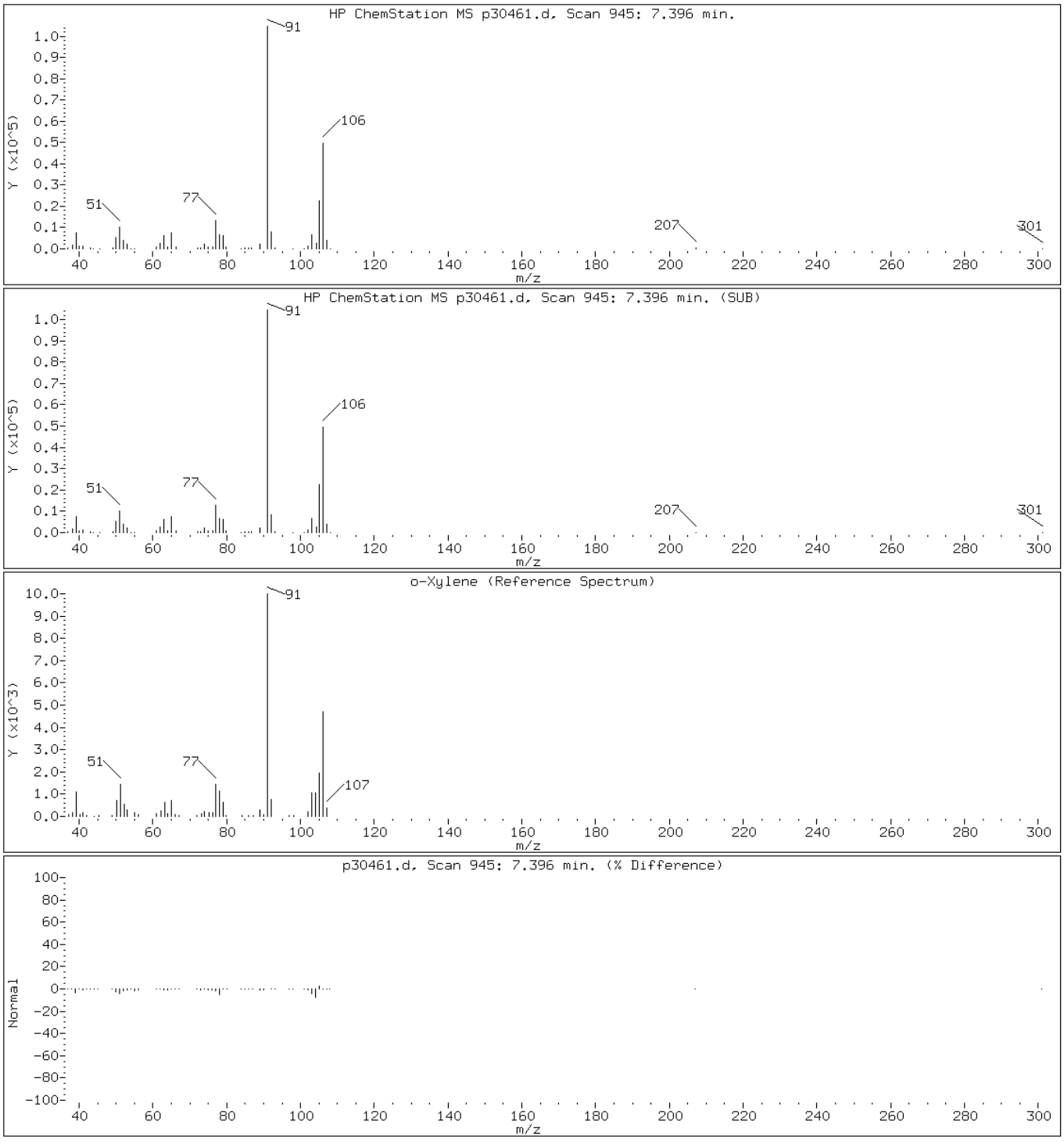
Data File: p30461.d

Date: 24-AUG-2009 17:23

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-5;10 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: RB-017338-081909-ACH-14 | Lab Sample ID: 460-4869-6

Matrix: Water | Lab File ID: p30454.d

Analysis Method: 8260B | Date Collected: 08/19/2009 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 14:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	0.60	J	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	2.2		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	0.52	J	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: RB-017338-081909-ACH-14 | Lab Sample ID: 460-4869-6

Matrix: Water | Lab File ID: p30454.d

Analysis Method: 8260B | Date Collected: 08/19/2009 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 14:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	30		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.3		1.0	0.16
100-41-4	Ethylbenzene	37		1.0	0.25
1330-20-7	Xylenes, Total	120		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	56-125	
2037-26-5	Toluene-d8 (Surr)	95	72-127	
460-00-4	Bromofluorobenzene	110	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30454.d
Report Date: 25-Aug-2009 14:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30454.d
Lab Smp Id: 460-4869-F-6 Client Smp ID: RB-017338-081909-AC
Inj Date : 24-AUG-2009 14:25
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-F-6
Misc Info : 460-4869-F-6
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	1.601	1.594	(0.495)	2494	0.60158	0.60(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	98346	47.7427	48
48 Benzene	78	2.905	2.905	(0.447)	37288	2.19528	2.2
* 52 Fluorobenzene	96	3.235	3.228	(1.000)	847842	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	378948	47.4650	47
66 Toluene	91	4.746	4.746	(0.730)	512430	29.9396	30
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	646361	50.0000	
79 Chlorobenzene	112	6.522	6.523	(1.003)	15132	1.32222	1.3
81 Ethylbenzene	106	6.608	6.609	(1.017)	220824	36.6884	37
82 m+p-Xylene	106	6.823	6.823	(1.050)	801214	105.973	100
84 o-Xylene	106	7.396	7.396	(1.138)	87267	12.1159	12
88 Isopropylbenzene	105	7.883	7.884	(1.213)	9079	0.51963	0.52(a)
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	267264	55.0031	55
95 n-Propylbenzene	91	8.507	8.507	(0.880)	10780	0.48678	0.49(a)
101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	18056	1.12370	1.1
* 108 1,4-Dichlorobenzene-d4	152	9.667	9.674	(1.000)	348793	50.0000	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30454.d
Report Date: 25-Aug-2009 14:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
116 Naphthalene	128	11.637	11.637	(1.204)	436350	28.4797	28
M 121 Xylene (Total)	100				888481	119.399	120

QC Flag Legend

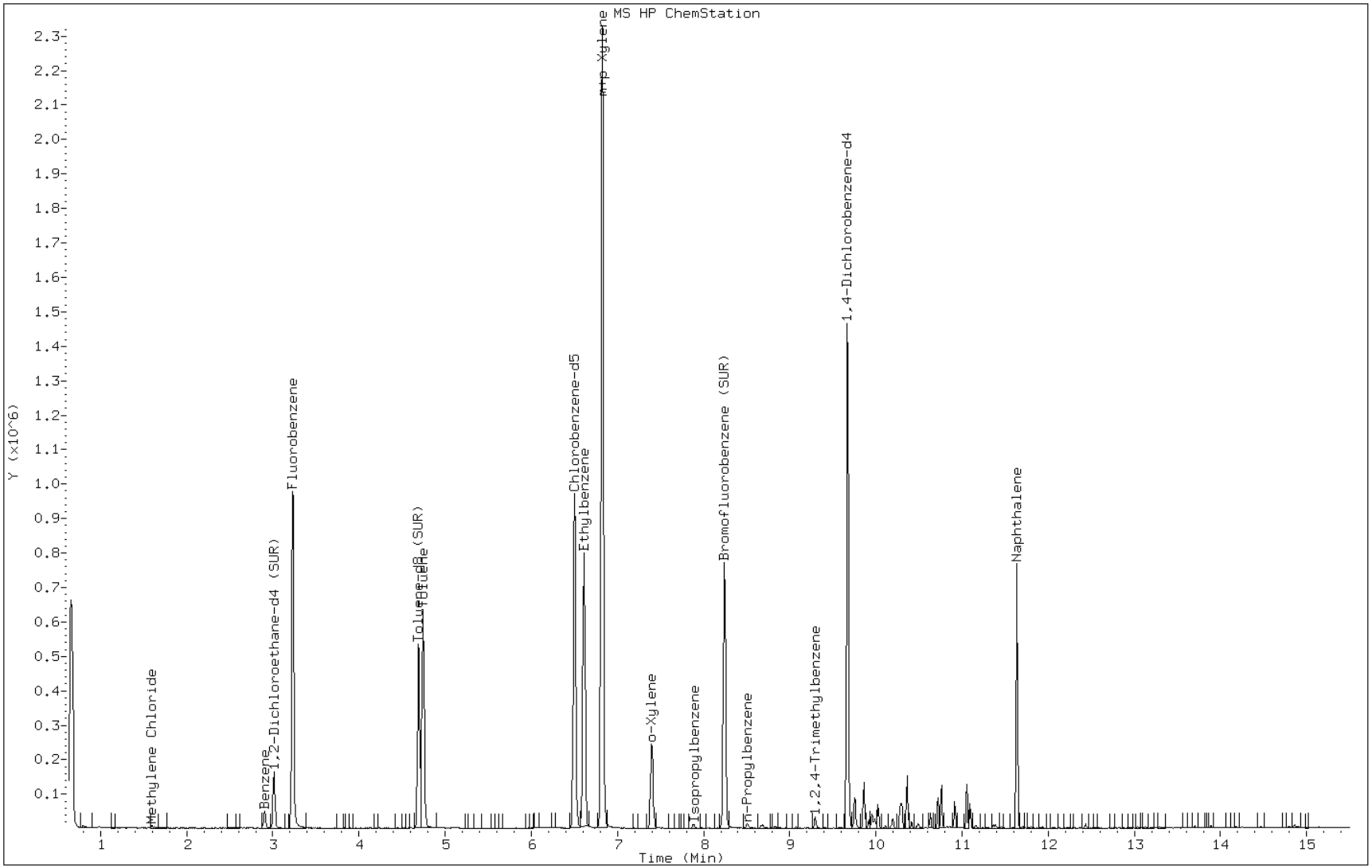
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30454.d

Date: 24-AUG-2009 14:25

Client ID: RB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-6 Operator:



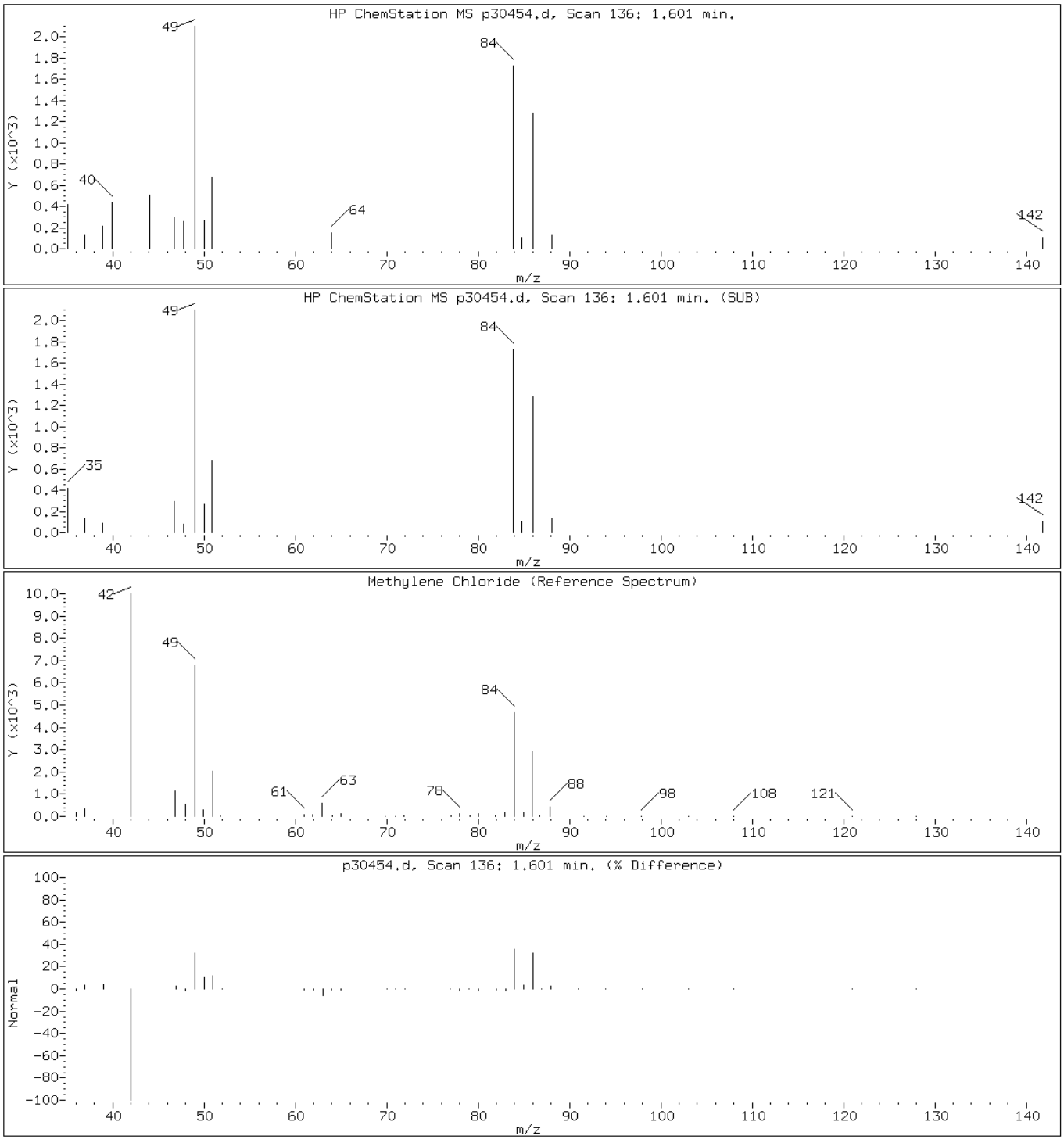
Data File: p30454.d

Date: 24-AUG-2009 14:25

Client ID: RB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-6 Operator:

22 Methylene Chloride



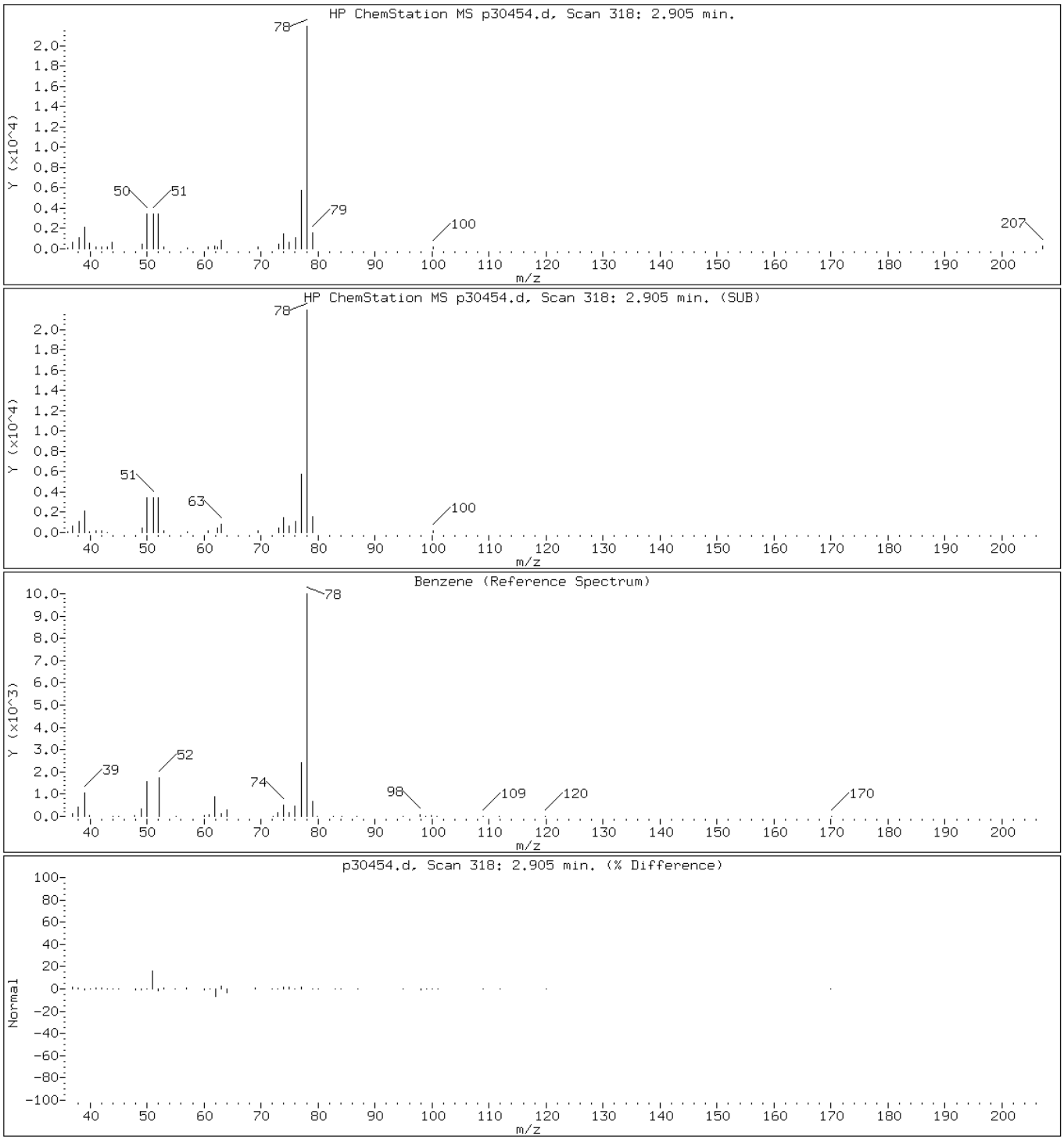
Data File: p30454.d

Date: 24-AUG-2009 14:25

Client ID: RB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-6 Operator:

48 Benzene



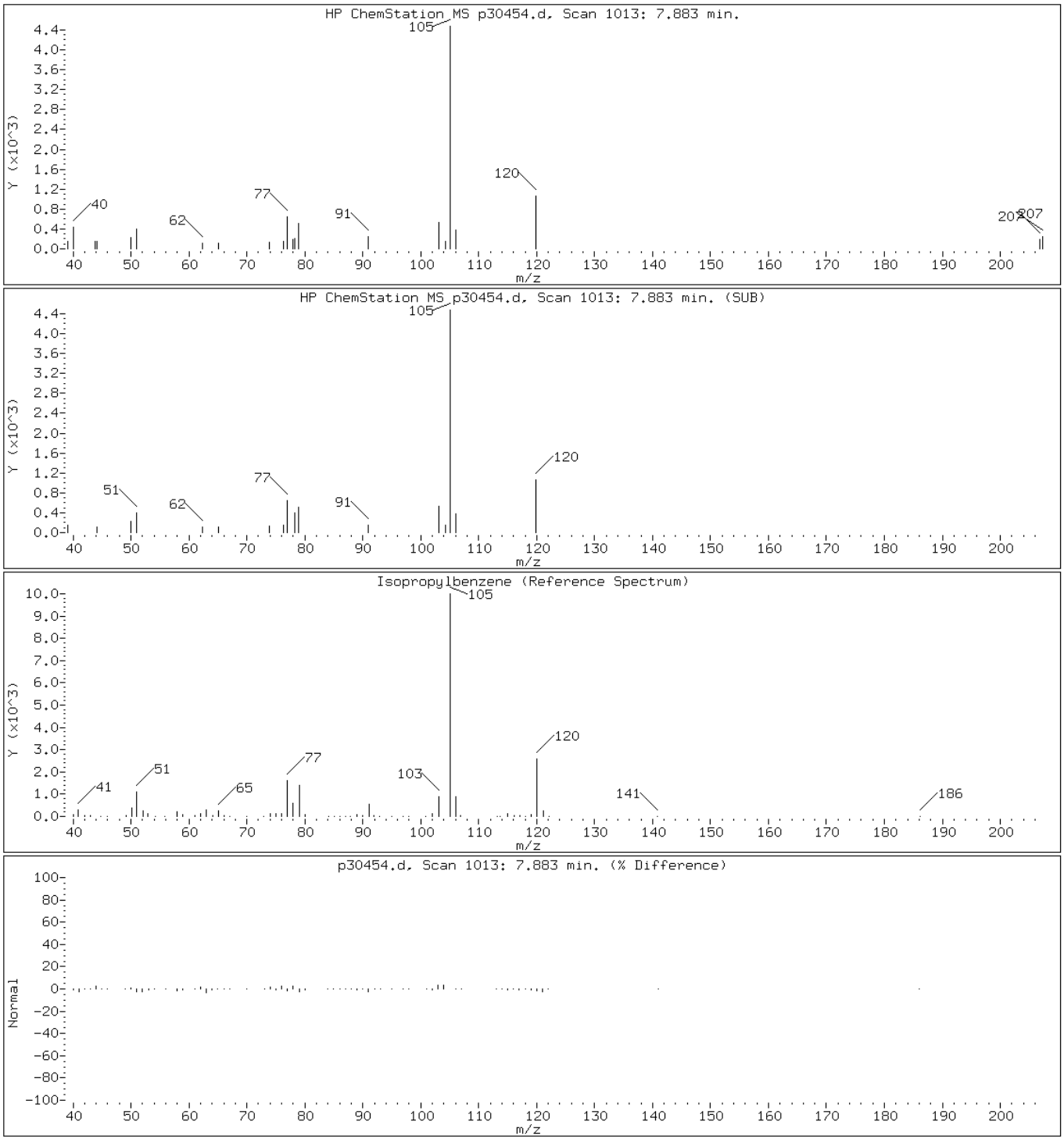
Data File: p30454.d

Date: 24-AUG-2009 14:25

Client ID: RB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-6 Operator:

88 Isopropylbenzene



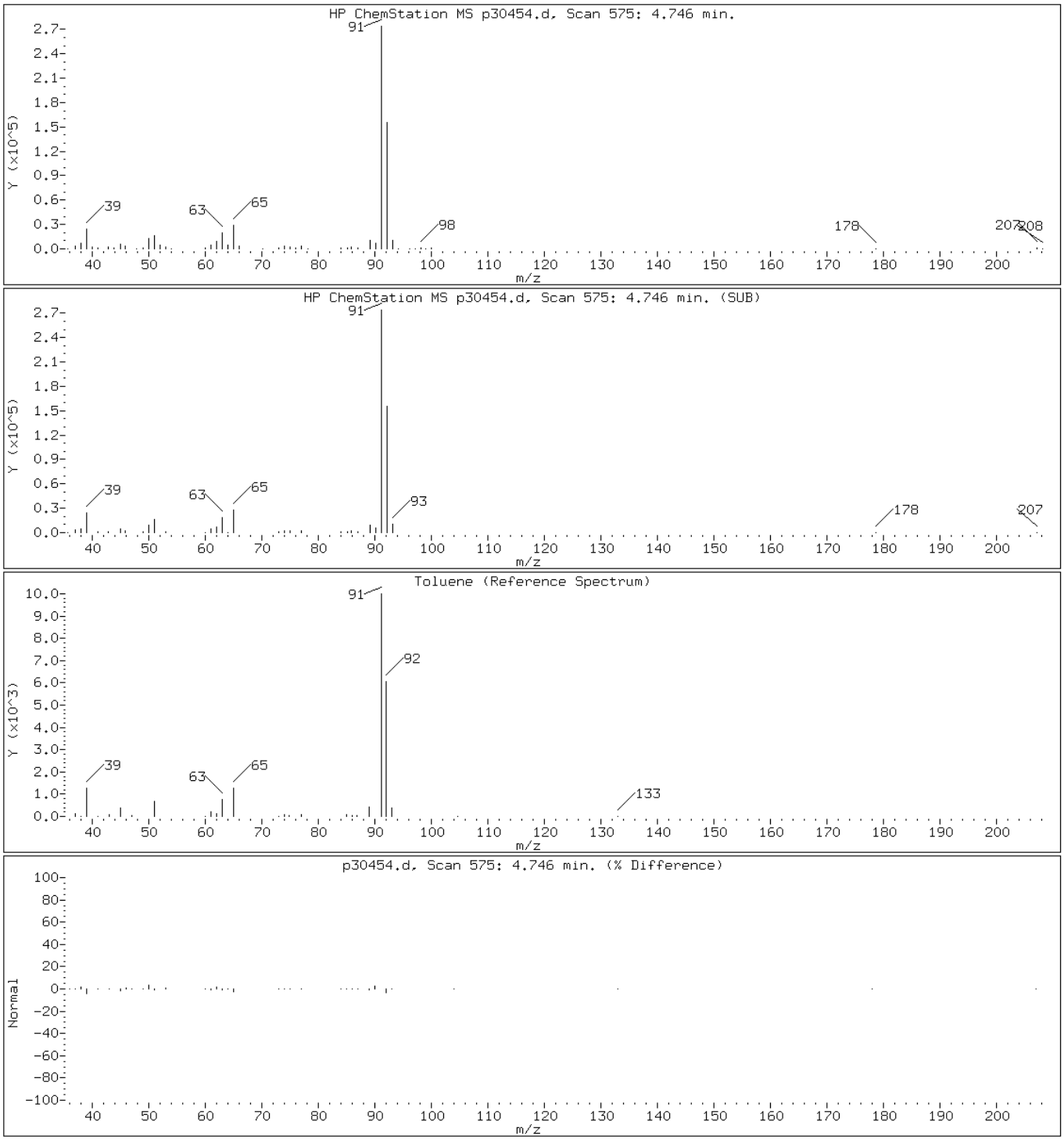
Data File: p30454.d

Date: 24-AUG-2009 14:25

Client ID: RB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-6 Operator:

66 Toluene



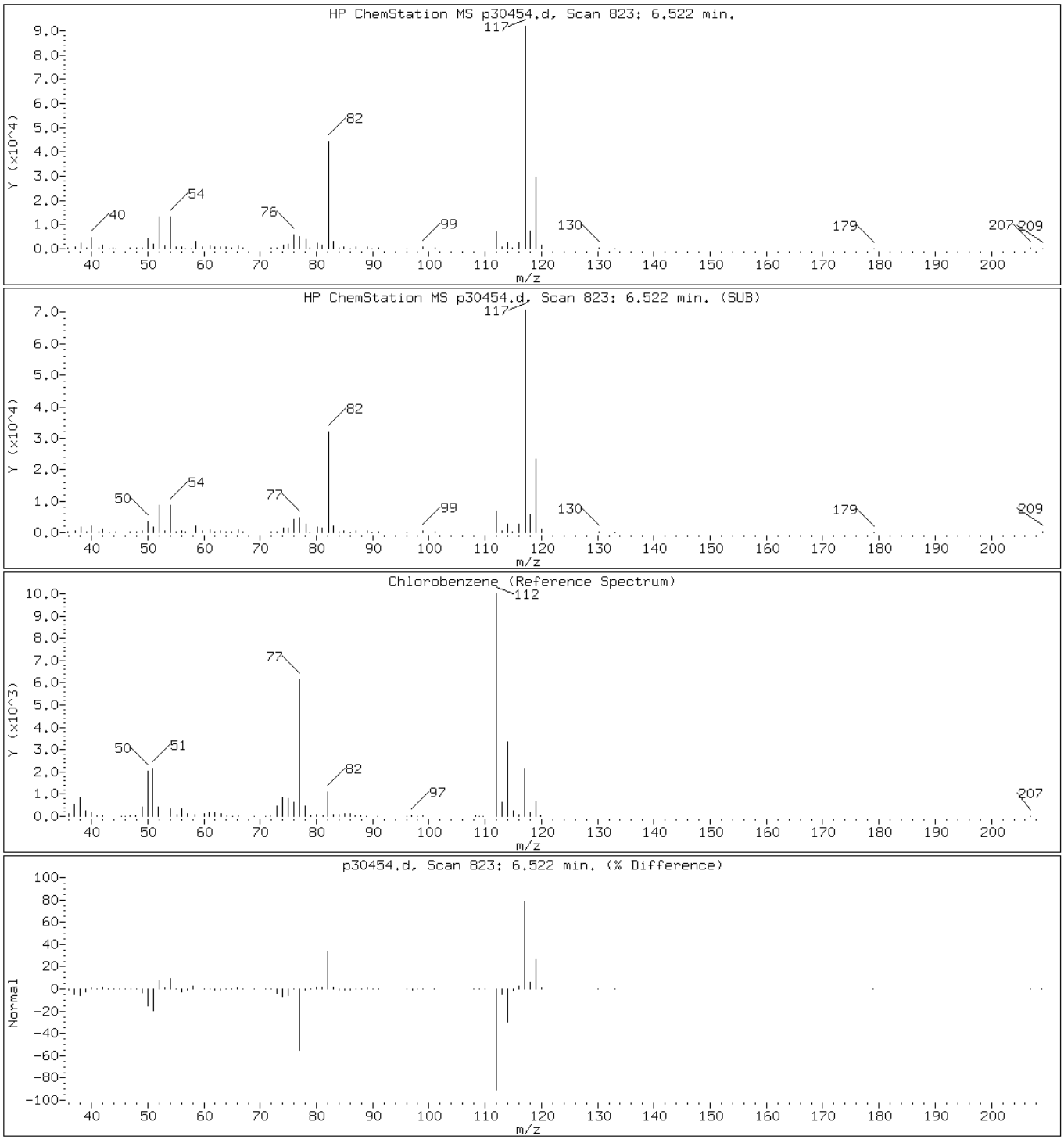
Data File: p30454.d

Date: 24-AUG-2009 14:25

Client ID: RB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-6 Operator:

79 Chlorobenzene



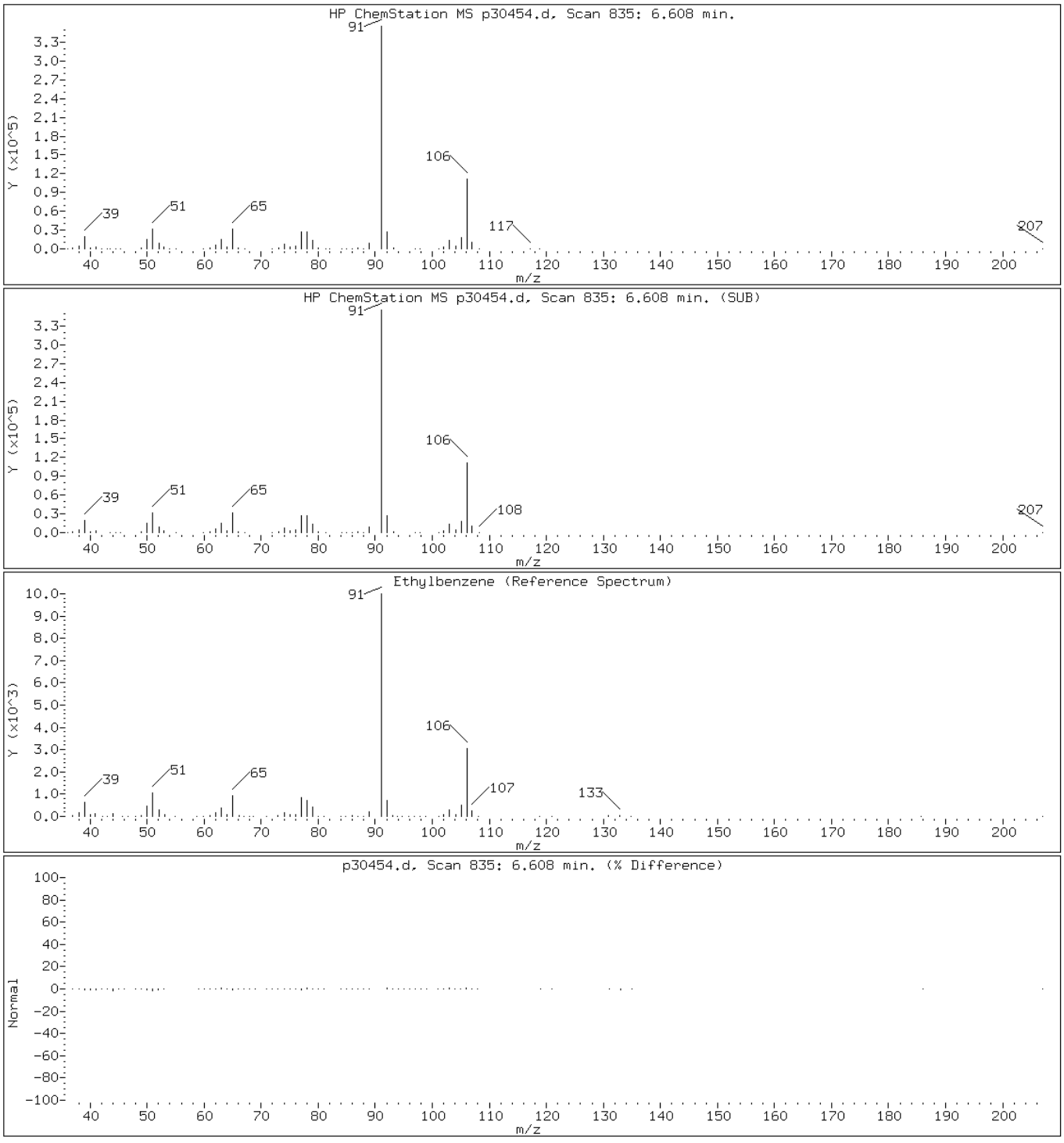
Data File: p30454.d

Date: 24-AUG-2009 14:25

Client ID: RB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-6 Operator:

81 Ethylbenzene



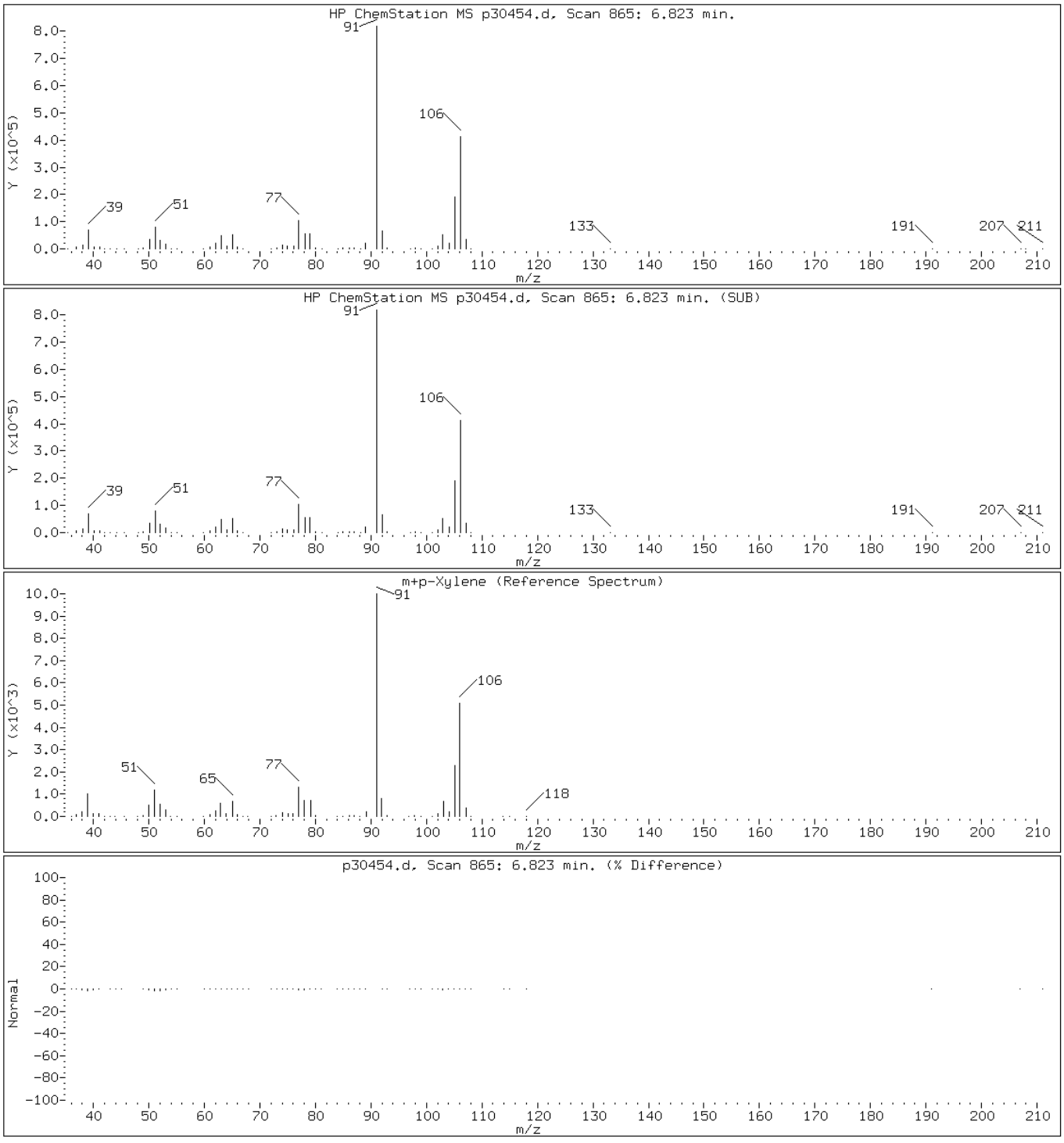
Data File: p30454.d

Date: 24-AUG-2009 14:25

Client ID: RB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-6 Operator:

82 m+p-Xylene



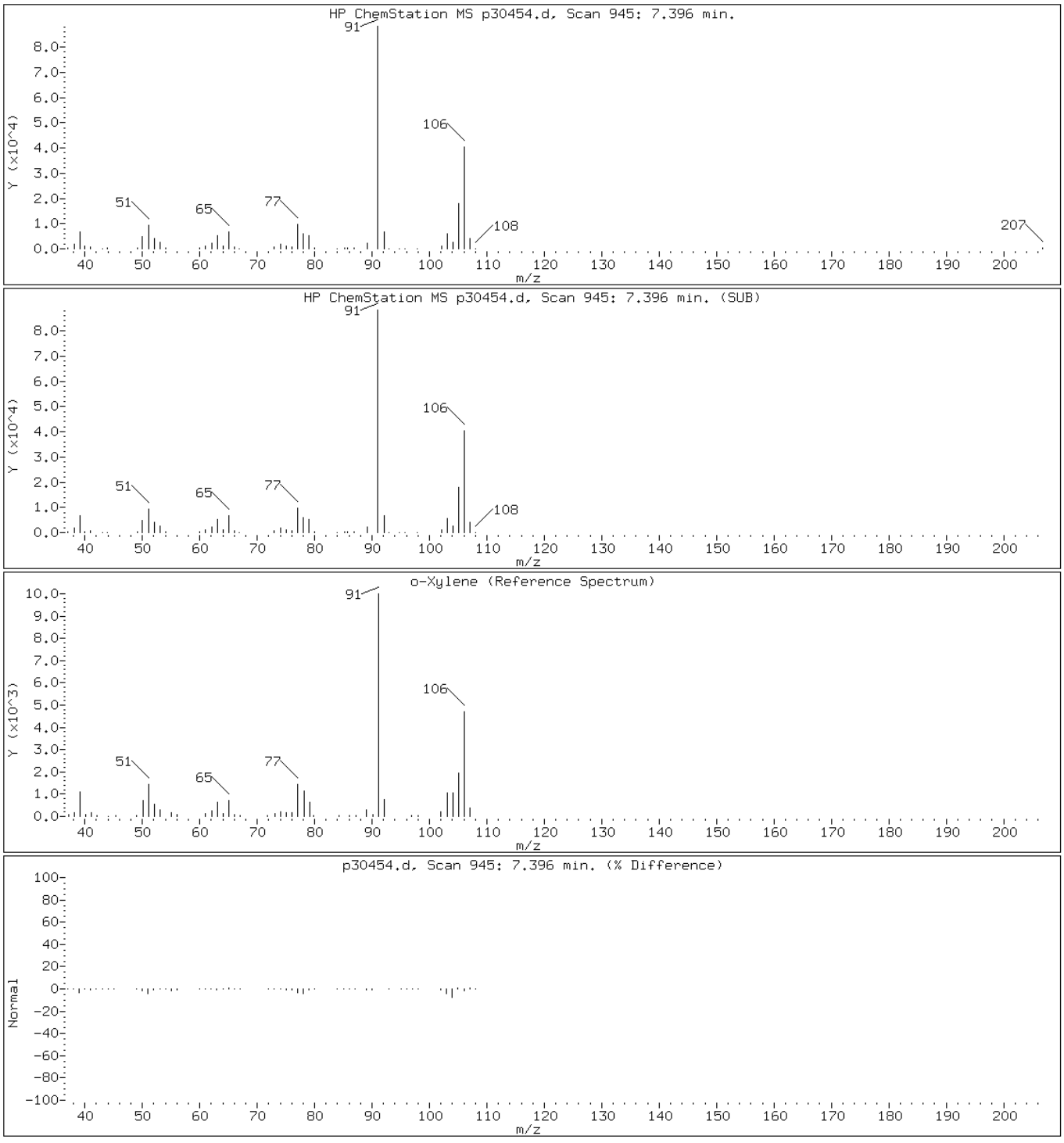
Data File: p30454.d

Date: 24-AUG-2009 14:25

Client ID: RB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-6 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-15 | Lab Sample ID: 460-4869-7

Matrix: Water | Lab File ID: p30598.d

Analysis Method: 8260B | Date Collected: 08/19/2009 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2009 12:48

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15569 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	100	U	100	29
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	13
75-00-3	Chloroethane	100	U	100	45
75-69-4	Trichlorofluoromethane	100	U	100	16
76-13-1	Freon TF	100	U	100	28
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	140000	E	1000	250
75-15-0	Carbon disulfide	100	U	100	15
79-20-9	Methyl acetate	200	U	200	33
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-59-2	cis-1,2-Dichloroethene	100	U	100	20
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
1634-04-4	MTBE	470		100	18
67-66-3	Chloroform	100	U	100	15
107-06-2	1,2-Dichloroethane	100	U	100	24
78-93-3	2-Butanone	170	J	1000	82
71-55-6	1,1,1-Trichloroethane	100	U	100	25
110-82-7	Cyclohexane	100	U	100	13
56-23-5	Carbon tetrachloride	100	U	100	19
75-27-4	Bromodichloromethane	100	U	100	9.3
78-87-5	1,2-Dichloropropane	100	U	100	9.0
10061-01-5	cis-1,3-Dichloropropene	100	U	100	11
79-01-6	Trichloroethene	100	U	100	18
108-87-2	Methylcyclohexane	100	U	100	9.0
124-48-1	Dibromochloromethane	100	U	100	11
79-00-5	1,1,2-Trichloroethane	100	U	100	10
71-43-2	Benzene	580		100	13
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
75-25-2	Bromoform	100	U	100	10
98-82-8	Isopropylbenzene	100	U	100	21
108-10-1	4-Methyl-2-pentanone	440	J	1000	68
591-78-6	2-Hexanone	1000	U	1000	55
127-18-4	Tetrachloroethene	100	U	100	20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-15 | Lab Sample ID: 460-4869-7

Matrix: Water | Lab File ID: p30598.d

Analysis Method: 8260B | Date Collected: 08/19/2009 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2009 12:48

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15569 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	98000	E	100	9.0
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	9.0
108-90-7	Chlorobenzene	100	U	100	16
100-41-4	Ethylbenzene	10000		100	25
1330-20-7	Xylenes, Total	17000		300	43
100-42-5	Styrene	100	U	100	13
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
541-73-1	1,3-Dichlorobenzene	100	U	100	22
106-46-7	1,4-Dichlorobenzene	100	U	100	15
95-50-1	1,2-Dichlorobenzene	100	U	100	16
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
106-93-4	1,2-Dibromoethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	56-125	
2037-26-5	Toluene-d8 (Surr)	95	72-127	
460-00-4	Bromofluorobenzene	102	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30598.d
Report Date: 31-Aug-2009 16:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30598.d
Lab Smp Id: 460-4869-E-7 Client Smp ID: GW-017338-081909-AC
Inj Date : 28-AUG-2009 12:48
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-E-7;100
Misc Info : 460-4869-E-7
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 10
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	16 Acetone	58	1.625	1.630	(0.503)	481760	1442.59	140000(A)
	19 Isopropanol	45	1.568	1.580	(0.485)	201915	981.982	98000(a)
	28 MTBE	73	1.740	1.738	(0.539)	55546	4.69354	470
	32 DIPE	45	1.948	1.945	(0.603)	13717	1.13892	110(H)
	38 2-Butanone	72	2.743	2.740	(0.849)	1129	1.71467	170(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.013	(0.931)	125713	46.8662	47
	48 Benzene	78	2.908	2.905	(0.447)	93546	5.83896	580
*	52 Fluorobenzene	96	3.230	3.228	(1.000)	871009	50.0000	
	70 4-Methyl-2-Pentanone	43	5.221	5.226	(0.803)	12409	4.39980	440(a)
$	65 Toluene-d8 (SUR)	98	4.691	4.689	(0.721)	384408	47.3240	47
	66 Toluene	91	4.748	4.739	(0.730)	17688121	978.253	98000(A)
*	78 Chlorobenzene-d5	117	6.503	6.501	(1.000)	678249	50.0000	
	81 Ethylbenzene	106	6.611	6.609	(1.017)	601911	100.357	10000
	82 m+p-Xylene	106	6.826	6.823	(1.050)	879415	117.769	12000
	84 o-Xylene	106	7.399	7.396	(1.138)	395382	55.7895	5600
$	89 Bromofluorobenzene (SUR)	174	8.244	8.242	(0.853)	203605	50.9330	51

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30598.d
Report Date: 31-Aug-2009 16:28

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 108 1,4-Dichlorobenzene-d4	152	9.669	9.667	(1.000)	351731	50.0000	
M 121 Xylene (Total)	100				1274797	173.665	17000

QC Flag Legend

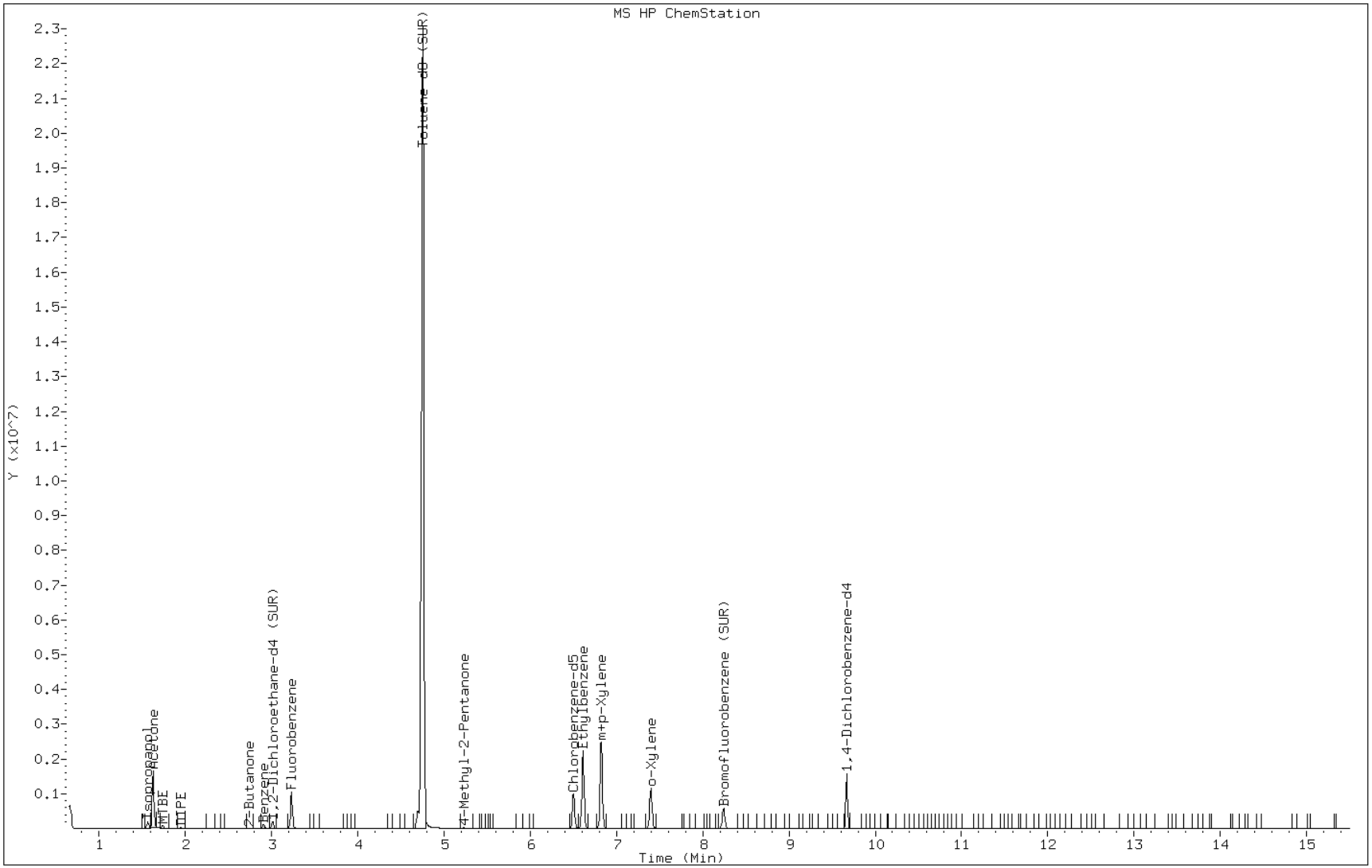
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:



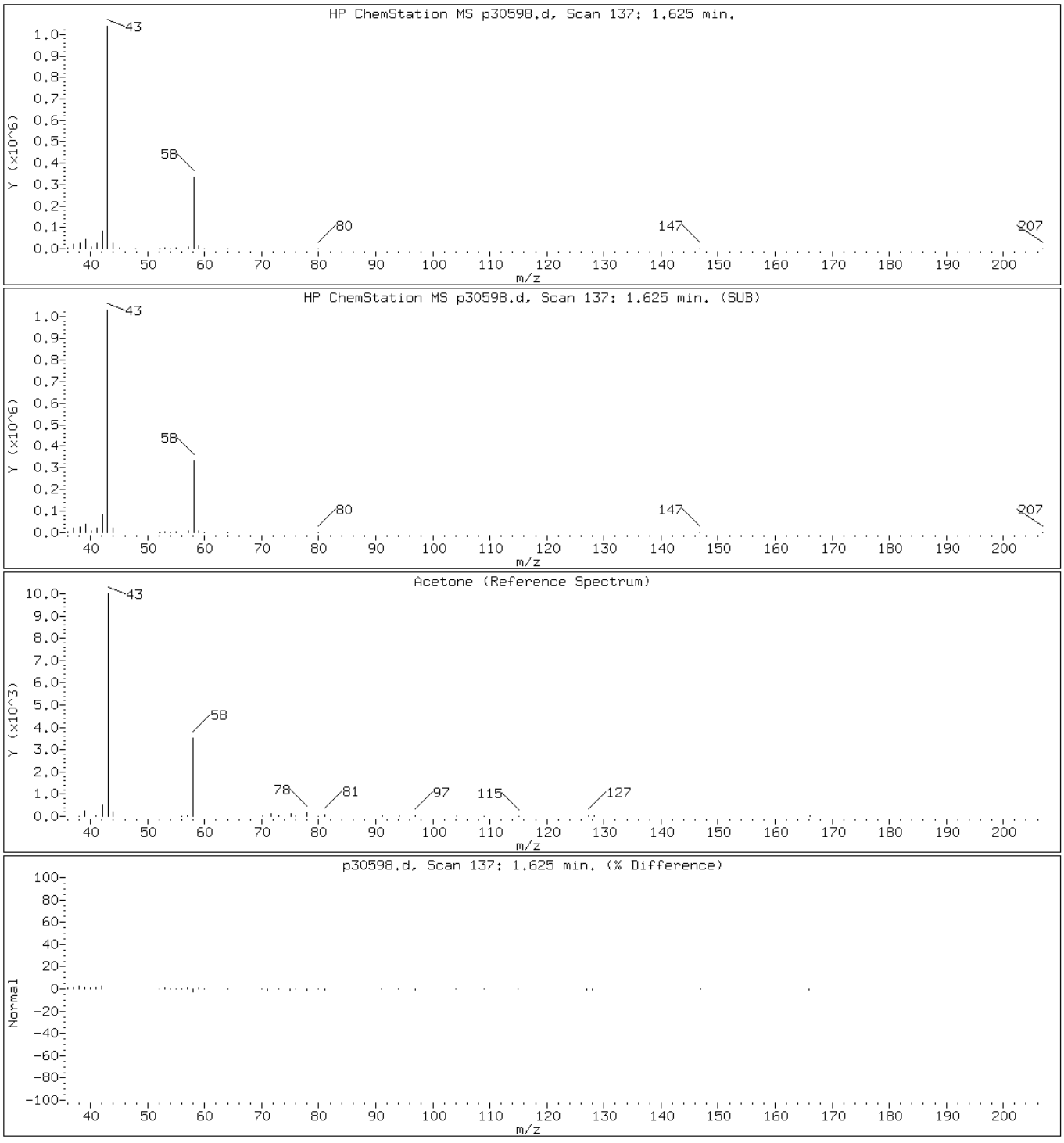
Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:

16 Acetone



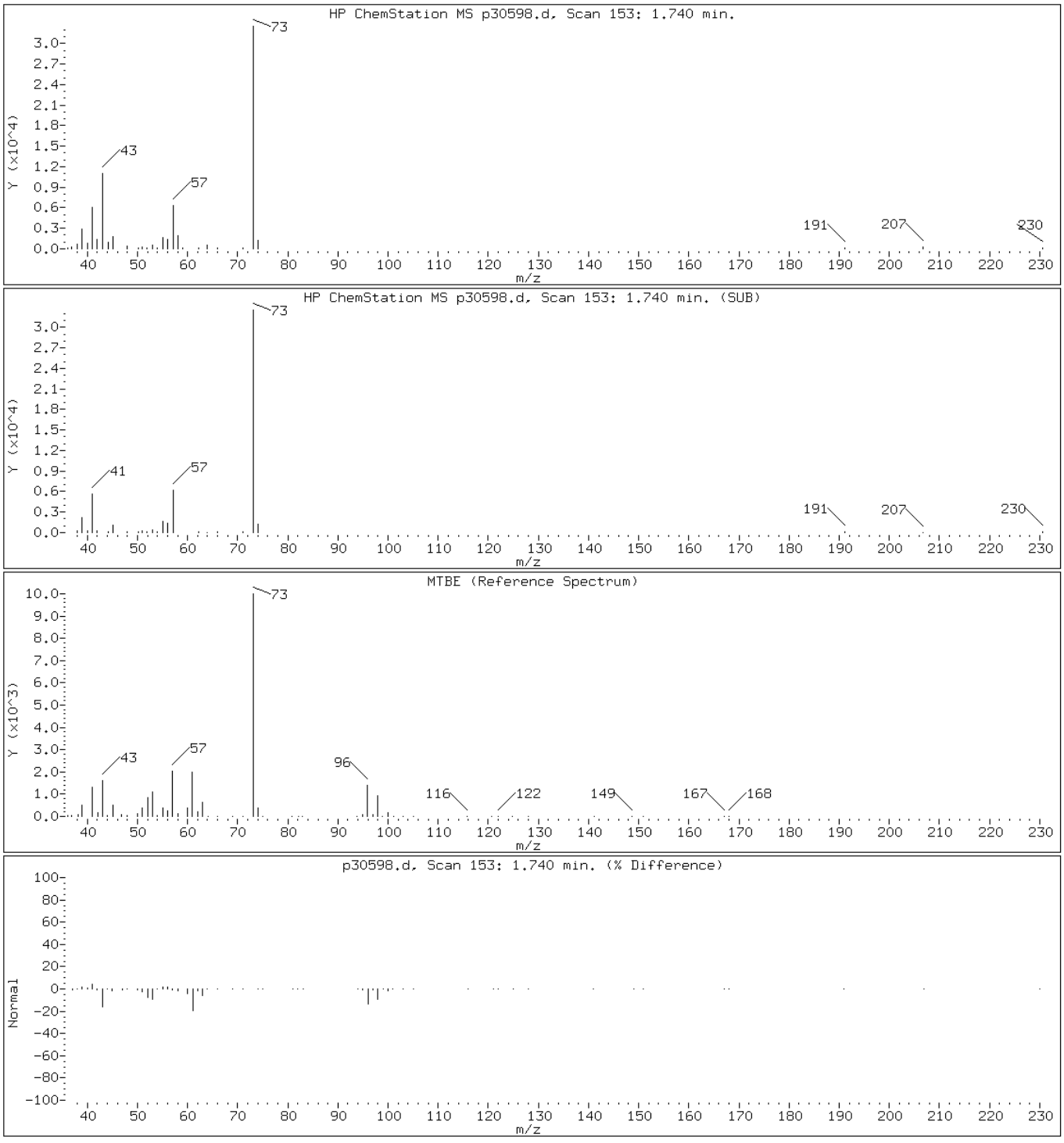
Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:

28 MTBE



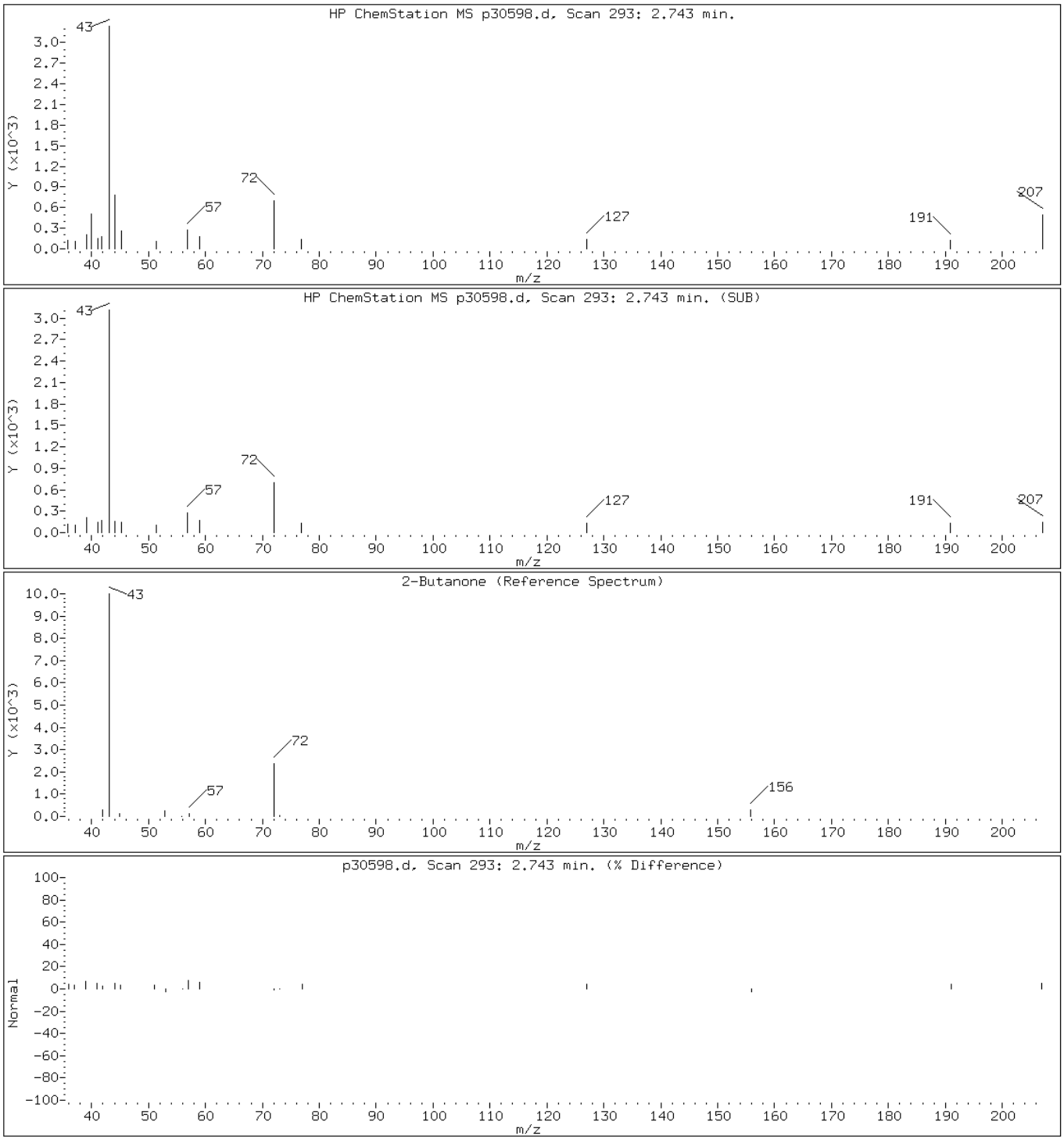
Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:

38 2-Butanone



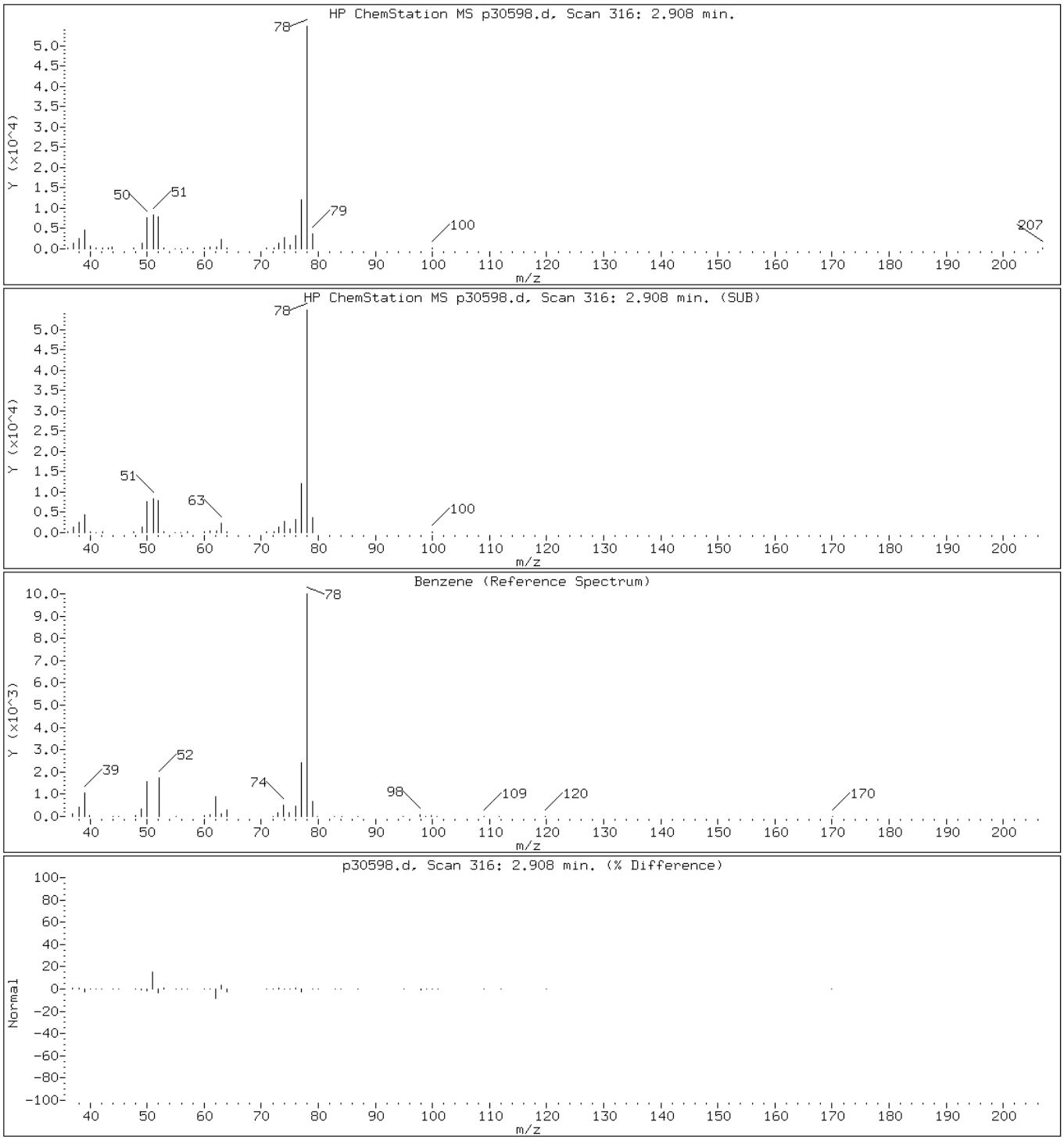
Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:

48 Benzene



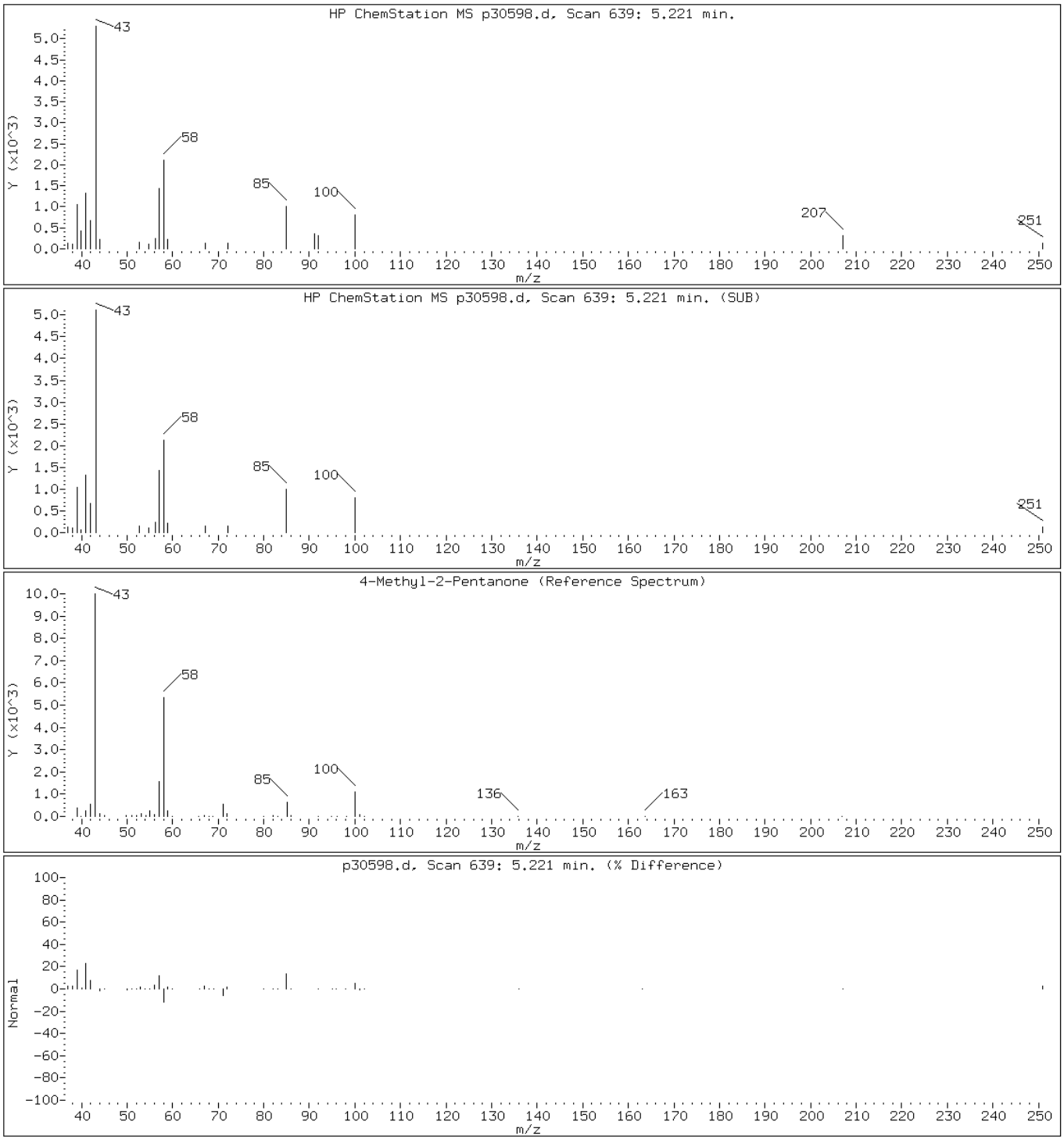
Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:

70 4-Methyl-2-Pentanone



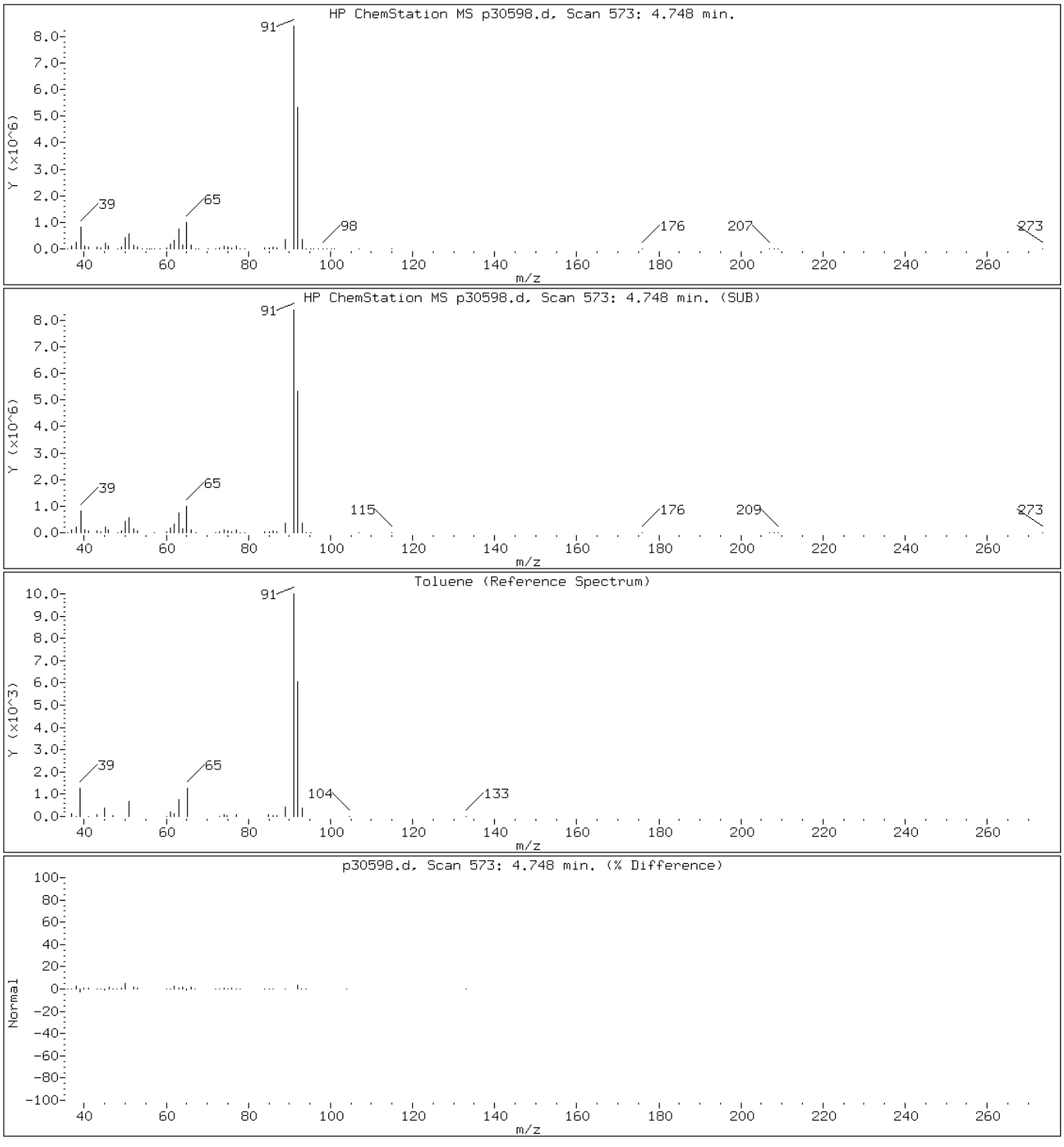
Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:

66 Toluene



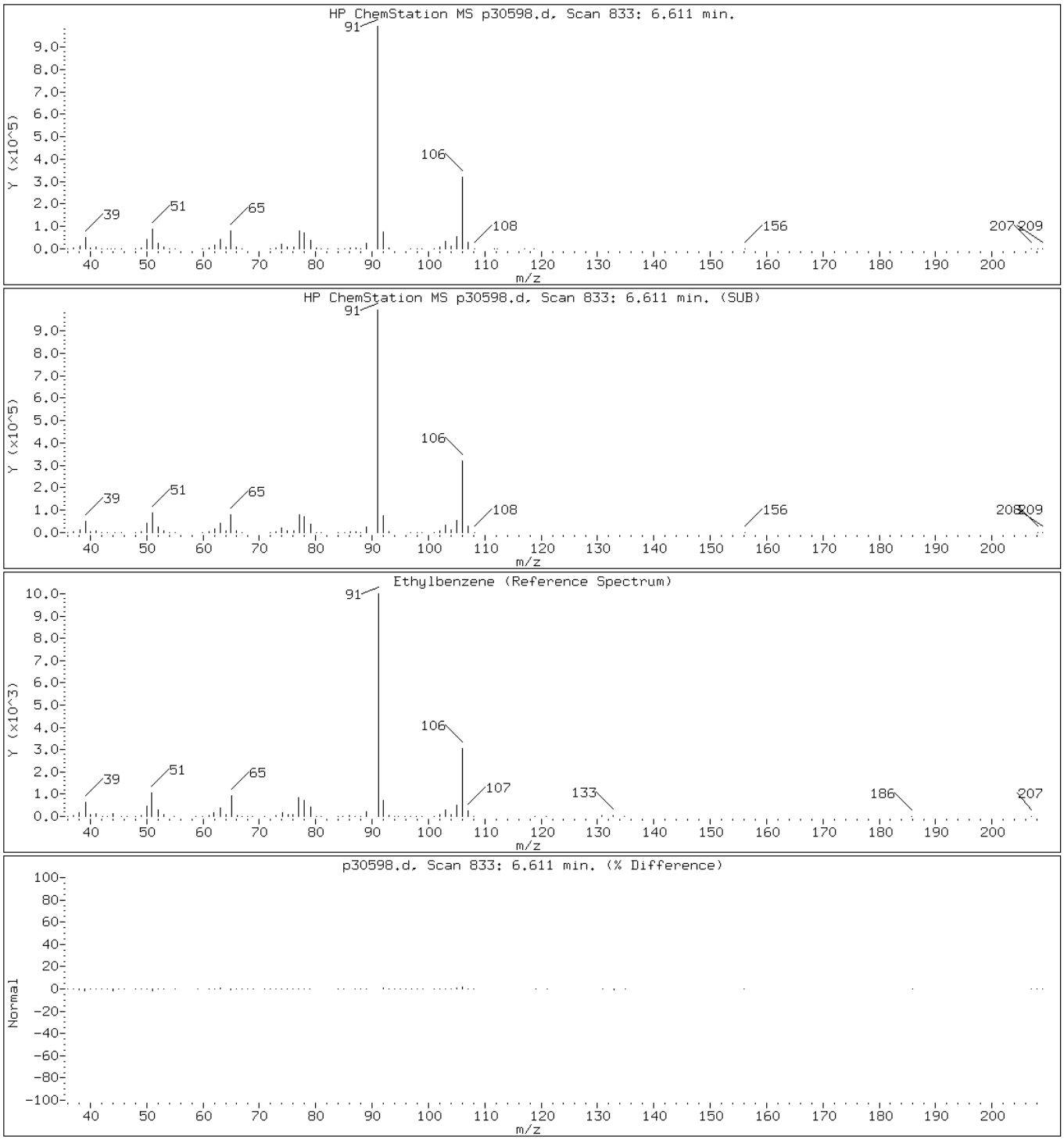
Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:

81 Ethylbenzene



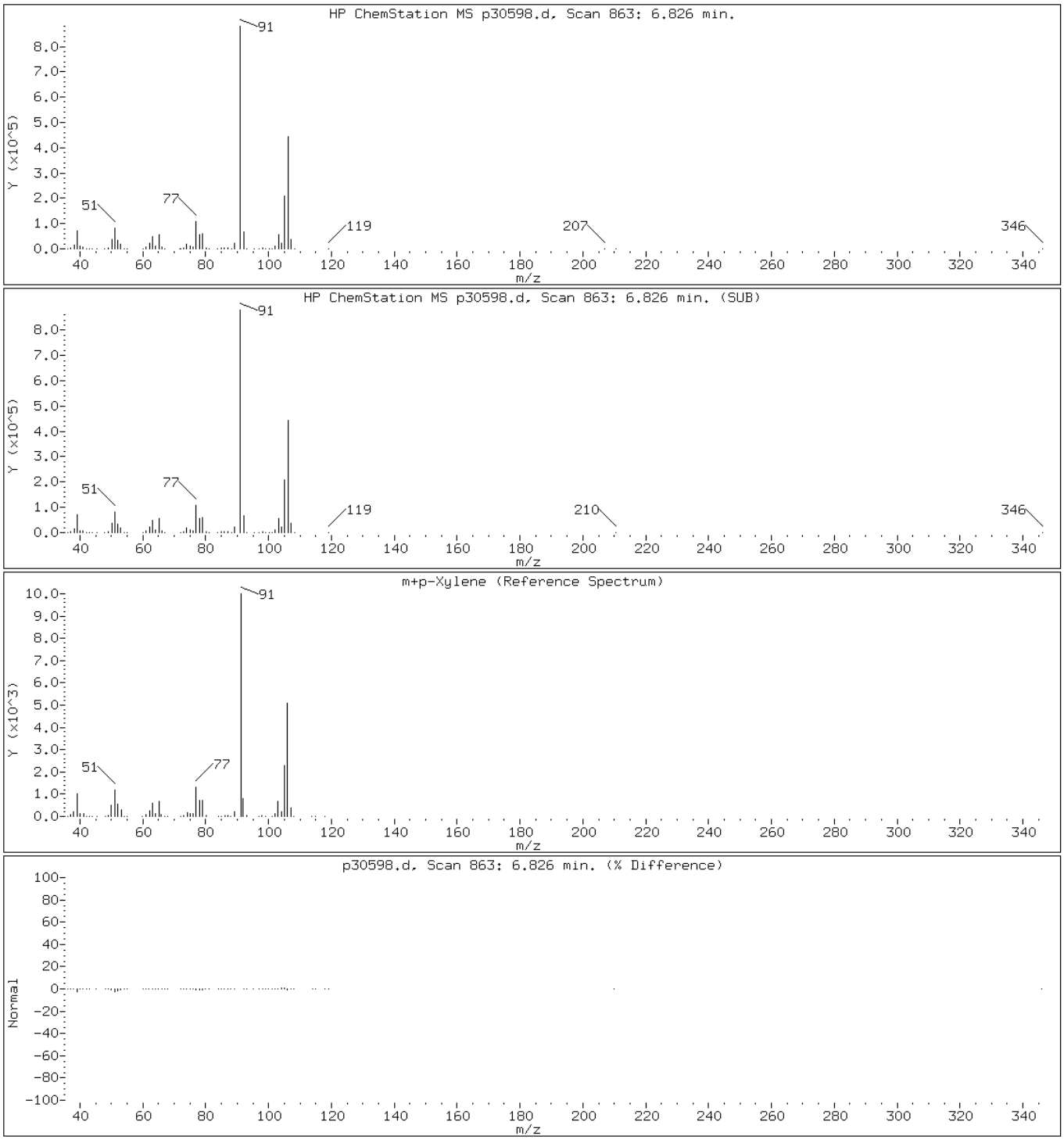
Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:

82 m+p-Xylene



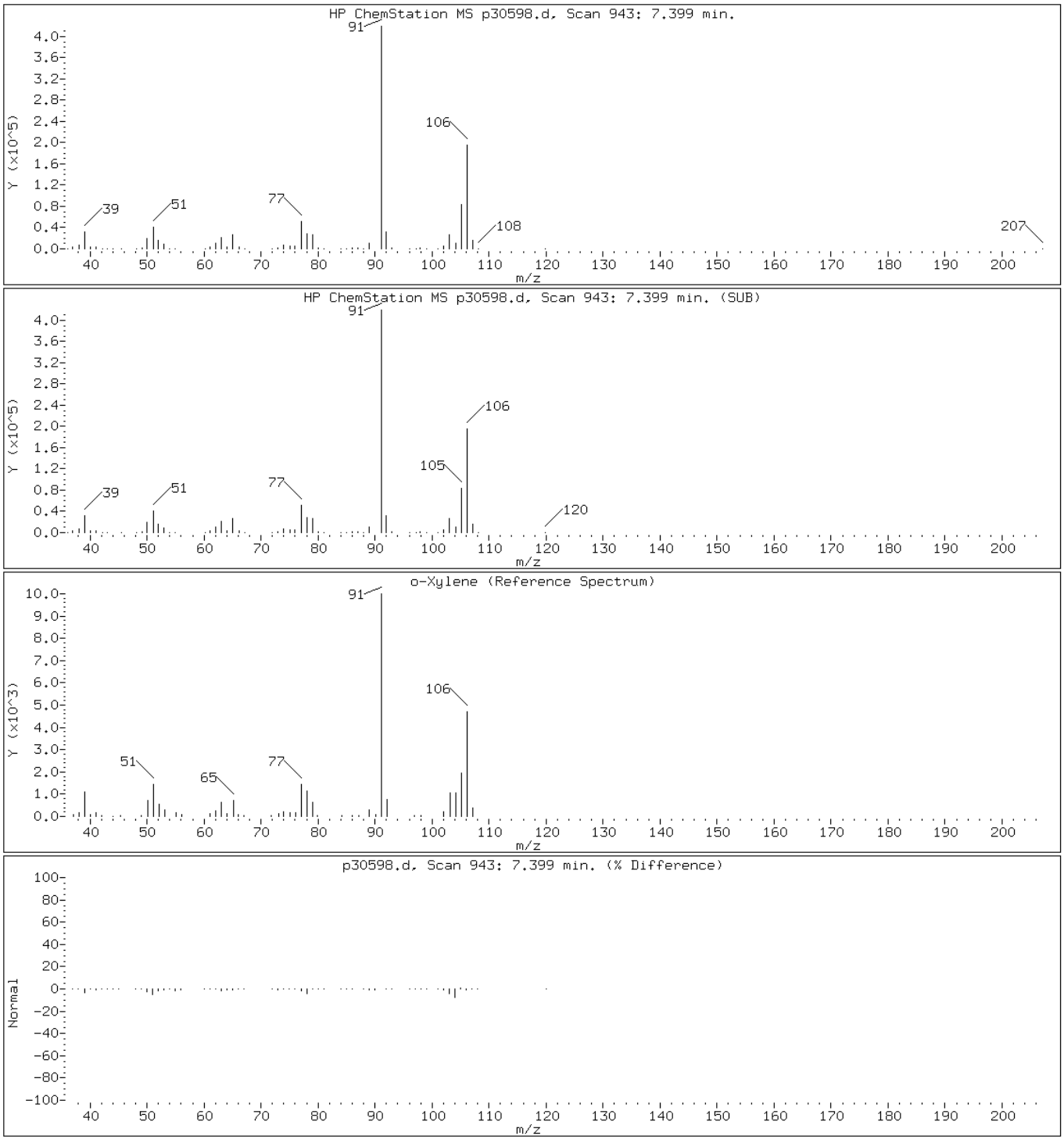
Data File: p30598.d

Date: 28-AUG-2009 12:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-E-7;100 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-15 Lab Sample ID: 460-4869-7 DL

Matrix: Water Lab File ID: p30462.d

Analysis Method: 8260B Date Collected: 08/19/2009 15:30

Sample wt/vol: 5(mL) Date Analyzed: 08/24/2009 17:48

Soil Aliquot Vol: Dilution Factor: 1000

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15029 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	200000		10000	2500
108-88-3	Toluene	150000		1000	90

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	56-125	
2037-26-5	Toluene-d8 (Surr)	94	72-127	
460-00-4	Bromofluorobenzene	111	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30462.d
Report Date: 25-Aug-2009 09:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30462.d
Lab Smp Id: 460-4869-F-7 Client Smp ID: GW-017338-081909-AC
Inj Date : 24-AUG-2009 17:48
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-F-7;1000
Misc Info : 460-4869-F-7
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 18
Dil Factor: 1000.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1000.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	16 Acetone	58	1.623	1.630	(0.503)	51008	197.683	200000
	19 Isopropanol	45	1.566	1.580	(0.485)	21072	109.694	110000(a)
	28 MTBE	73	1.738	1.738	(0.538)	7091	0.66216	660(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	99302	49.4029	49
	48 Benzene	78	2.905	2.905	(0.447)	14003	0.83100	830(a)
*	52 Fluorobenzene	96	3.227	3.228	(1.000)	827315	50.0000	
$	65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	370434	46.7698	47
	66 Toluene	91	4.746	4.746	(0.730)	2567399	151.205	150000
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	641231	50.0000	
	81 Ethylbenzene	106	6.608	6.609	(1.017)	91237	15.2797	15000
	82 m+p-Xylene	106	6.823	6.823	(1.050)	142512	19.0002	19000
	84 o-Xylene	106	7.396	7.396	(1.138)	58888	8.24126	8200
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	263650	55.6684	56
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	339965	50.0000	
M	121 Xylene (Total)	100				201400	27.2819	27000

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30462.d
Report Date: 25-Aug-2009 09:36

QC Flag Legend

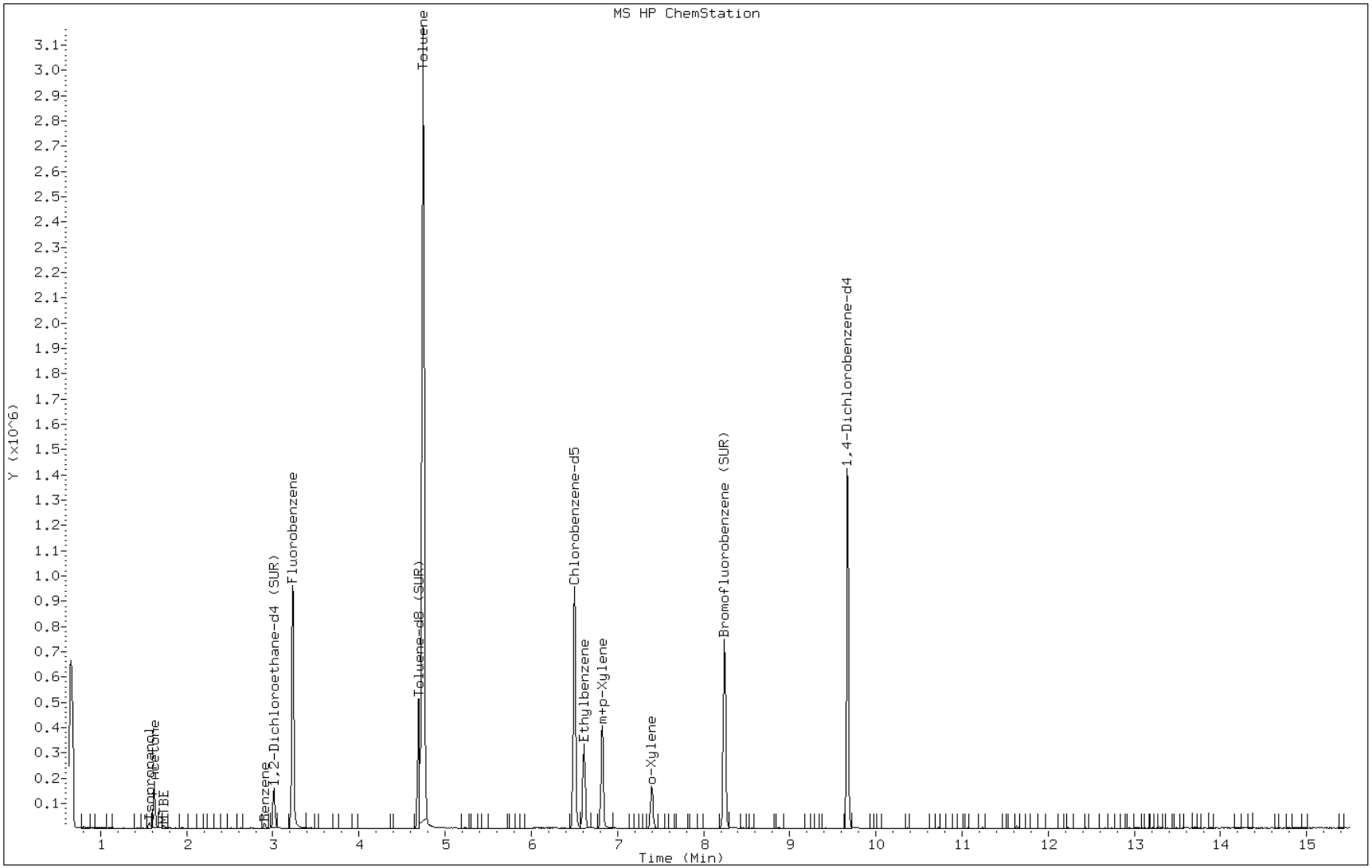
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p30462.d

Date: 24-AUG-2009 17:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-7;1000 Operator:



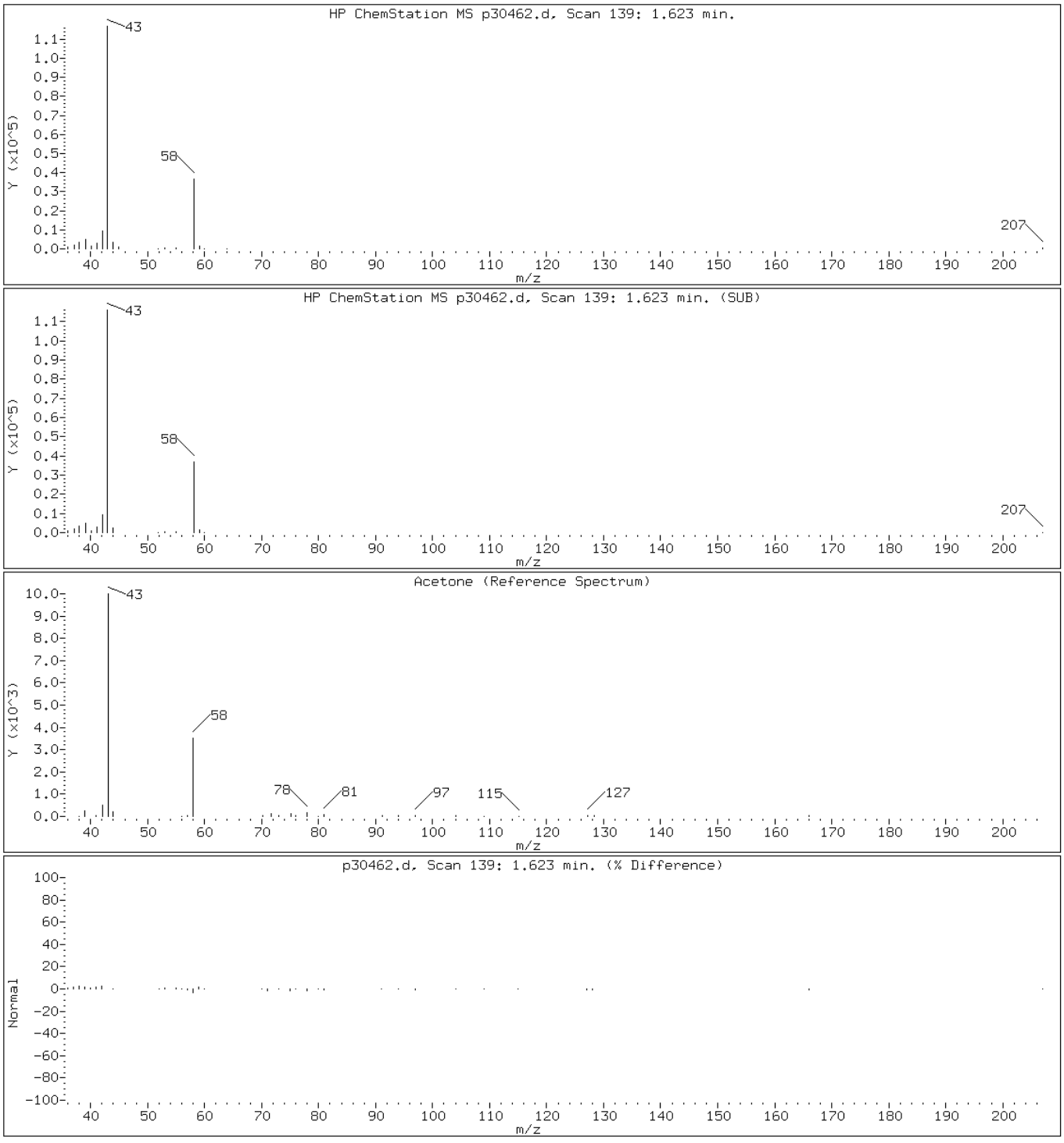
Data File: p30462.d

Date: 24-AUG-2009 17:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-7;1000 Operator:

16 Acetone



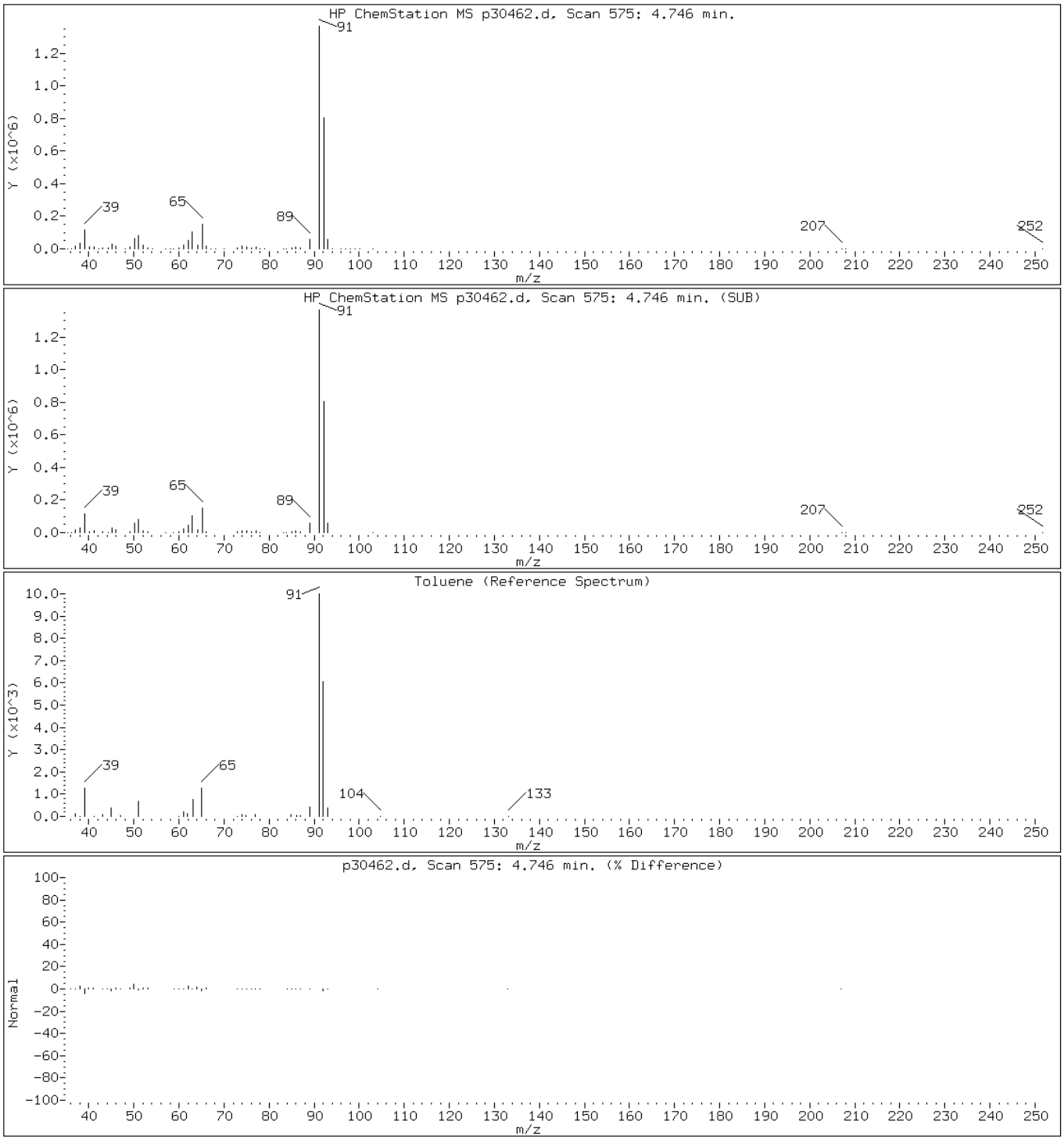
Data File: p30462.d

Date: 24-AUG-2009 17:48

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-7;1000 Operator:

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: TB-017338-081909-ACH-002 Lab Sample ID: 460-4869-8

Matrix: Water Lab File ID: p30453.d

Analysis Method: 8260B Date Collected: 08/19/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/24/2009 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15029 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	0.94	J	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: TB-017338-081909-ACH-002 Lab Sample ID: 460-4869-8

Matrix: Water Lab File ID: p30453.d

Analysis Method: 8260B Date Collected: 08/19/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/24/2009 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15029 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	56-125	
2037-26-5	Toluene-d8 (Surr)	94	72-127	
460-00-4	Bromofluorobenzene	111	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30453.d
Report Date: 25-Aug-2009 08:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30453.d
Lab Smp Id: 460-4869-F-8 Client Smp ID: TB-017338-081909-AC
Inj Date : 24-AUG-2009 13:59
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-F-8
Misc Info : 460-4869-F-8
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	1.602	1.594	(0.495)	3989	0.94307	0.94(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	100288	47.7183	48
* 52 Fluorobenzene	96	3.235	3.228	(1.000)	865026	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	378253	46.8865	47
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	653137	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	269792	55.4863	55
* 108 1,4-Dichlorobenzene-d4	152	9.667	9.674	(1.000)	349026	50.0000	

QC Flag Legend

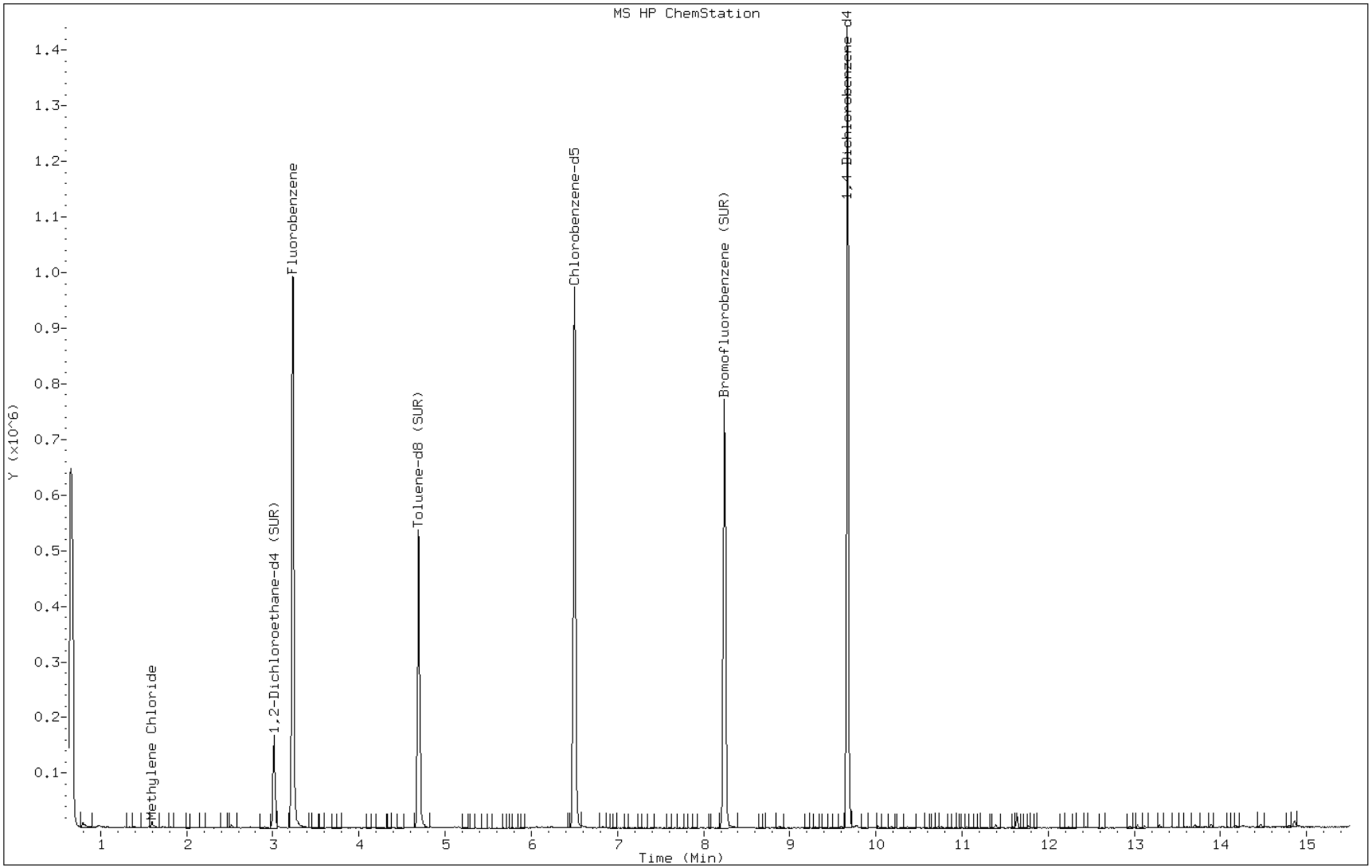
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30453.d

Date: 24-AUG-2009 13:59

Client ID: TB-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-8 Operator:



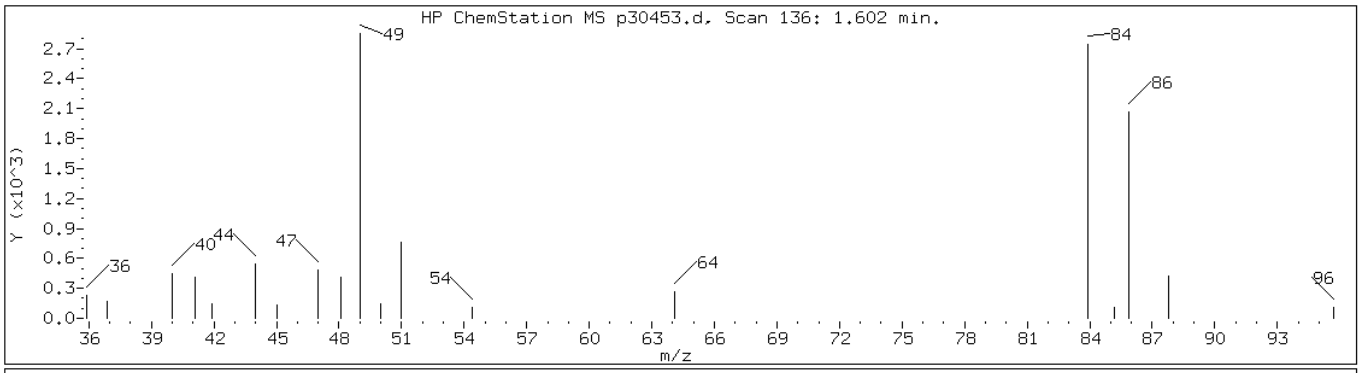
Data File: p30453.d

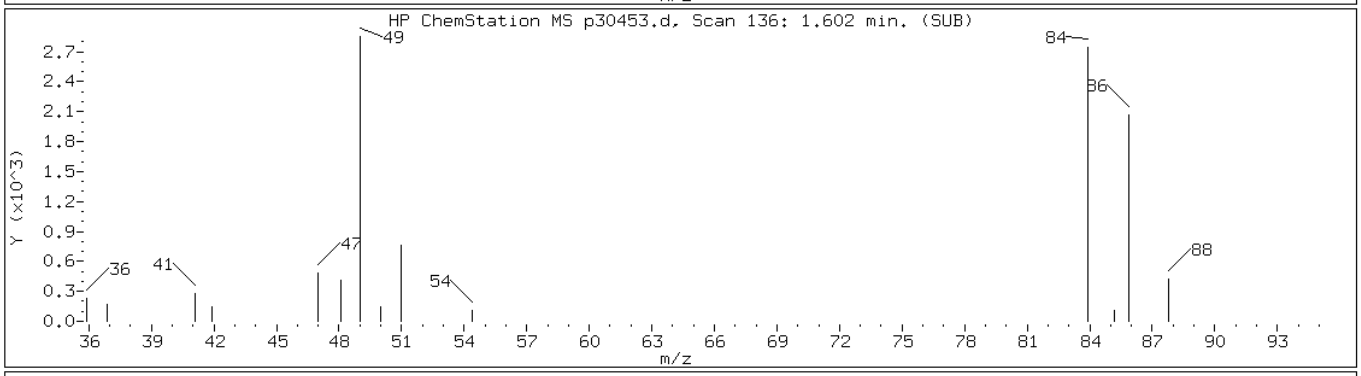
Date: 24-AUG-2009 13:59

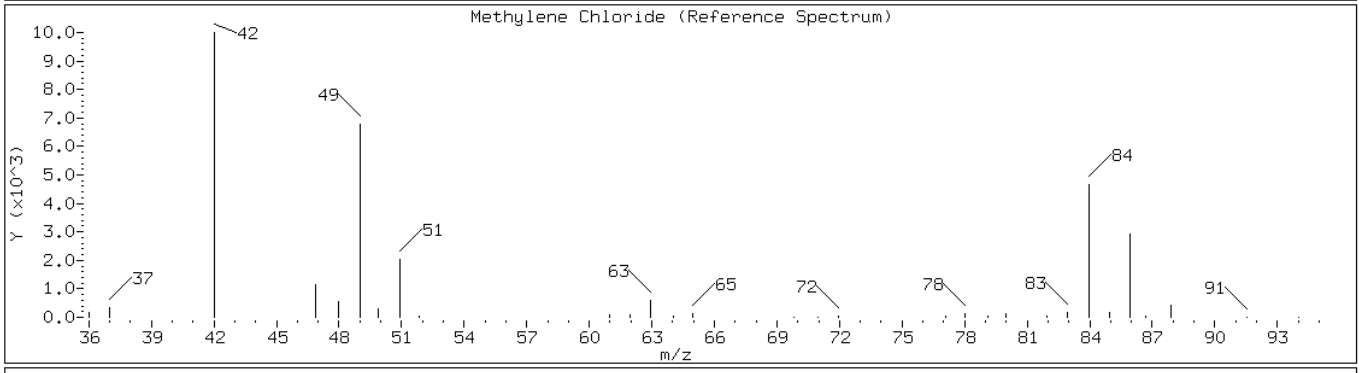
Client ID: TB-017338-081909-AC Instrument: VOAMS13.i

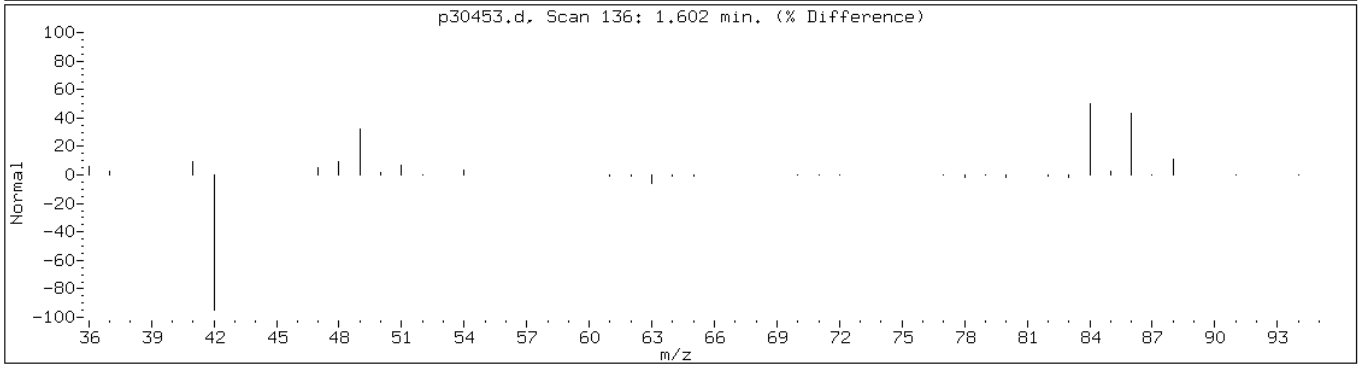
Sample Info: 460-4869-F-8 Operator:

22 Methylene Chloride









FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-14426/7	p30268.d
Level 2	IC 460-14426/6	p30266.d
Level 3	ICIS 460-14426/2	p30258.d
Level 4	IC 460-14426/3	p30259.d
Level 5	IC 460-14426/4	p30260.d
Level 6	IC 460-14426/5	p30261.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
3-Chloro-1-propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave											
Dimethylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
Methylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
Propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
1-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
Dichlorodifluoromethane	0.2364 0.1714	0.1810	0.1763	0.1756	0.1804	Ave		0.1869				13.1		15.0			
Chloromethane	0.2977 0.2106	0.2692	0.2320	0.2333	0.2284	Ave		0.2452			0.1000	13.1		15.0			
Vinyl chloride	0.3082 0.2296	0.2578	0.2475	0.2467	0.2536	Ave		0.2573				10.4		30.0			
Bromomethane	0.3081 0.1654	0.1759	0.1373	0.1358	0.1437	QuaF		7.4426	-0.844						1.0000		0.9900
Chloroethane	0.1293 0.1453	0.1423	0.1511	0.1563	0.1510	Ave		0.1459				6.5		15.0			
Trichlorofluoromethane	0.3705 0.3315	0.3310	0.3274	0.3299	0.3473	Ave		0.3396				4.9		15.0			
2-Methyl-1,3-butadiene	0.3726 0.3097	0.3291	0.3202	0.3333	0.3483	Ave		0.3355				6.6		15.0			
Ethyl ether	0.2282 0.1572	0.1874	0.1730	0.1868	0.1768	Ave		0.1849				12.9		15.0			
1,1-Dichloroethene	0.2137 0.1678	0.1691	0.1558	0.1645	0.1756	Ave		0.1744				11.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	0.8837 0.7406	0.7090	0.6881	0.7300	0.7686	Ave		0.7533				9.2		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2419 0.2099	0.1990	0.1966	0.2082	0.2258	Ave		0.2136				8.1		15.0			
Acrolein	0.0242 0.0164	0.0227	0.0171	0.0193	0.0171	QuaF		52.419	66.181						0.9992		0.9900
Isopropyl alcohol	0.0132 0.0107	0.0124	0.0110	0.0114	0.0110	Ave		0.0116				8.5		15.0			
Methylene Chloride	0.3130 0.2195	0.2409	0.2290	0.2374	0.2271	Ave		0.2445				14.1		15.0			
Acetone	0.0246 0.0155	0.0217	0.0185	0.0180	0.0161	LinF		0.0156							0.9990		0.9900
trans-1,2-Dichloroethene	0.3058 0.2249	0.2285	0.2107	0.2239	0.2225	Ave		0.2360				14.7		15.0			
Methyl acetate	0.0834 0.0601	0.0651	0.0587	0.0629	0.0612	Ave		0.0652				14.1		15.0			
Hexane	0.2114 0.1840	0.1810	0.1750	0.1873	0.1972	Ave		0.1893				6.9		15.0			
Methyl tert-butyl ether	0.6979 0.6308	0.6328	0.6077	0.6654	0.6486	Ave		0.6472				4.9		15.0			
2-Methyl-2-propanol	0.0234 0.0168	0.0181	0.0157	0.0171	0.0167	LinF		0.0168							1.0000		0.9900
Acetonitrile	0.0054 0.0041	0.0042	0.0043	0.0047	0.0041	Ave		0.0045				11.7		15.0			
Isopropyl ether	0.9052 0.7393	0.7235	0.6886	0.7723	0.7615	Ave		0.7651				9.8		15.0			
1,1-Dichloroethane	0.5306 0.4107	0.4180	0.4094	0.4232	0.4213	Ave		0.4355			0.1000	10.8		15.0			
Acrylonitrile	0.0950 0.0700	0.0798	0.0719	0.0785	0.0699	Ave		0.0775				12.3		15.0			
Tert-butyl ethyl ether	0.7718 0.7170	0.6842	0.6661	0.7460	0.7295	Ave		0.7191				5.4		15.0			
cis-1,2-Dichloroethene	0.3016 0.2450	0.2639	0.2456	0.2576	0.2480	Ave		0.2603				8.3		15.0			
2,2-Dichloropropane	0.4549 0.3262	0.3683	0.3397	0.3547	0.3575	Ave		0.3669				12.4		15.0			
Cyclohexane	0.3823 0.3694	0.3596	0.3808	0.3855	0.4046	Ave		0.3804				4.0		15.0			
Chlorobromomethane	0.1322 0.0994	0.1097	0.1074	0.1131	0.1040	Ave		0.1110				10.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chloroform	0.4568 0.3532	0.3645	0.3531	0.3734	0.3591	Ave		0.3767				10.6		30.0			
Carbon tetrachloride	0.3094 0.2646	0.2303	0.2378	0.2561	0.2664	Ave		0.2608				10.7		15.0			
Ethyl acetate	0.0206 0.0197	0.0192	0.0184	0.0209	0.0193	Ave		0.0197				4.6		15.0			
Tetrahydrofuran	0.1098 0.0700	0.0722	0.0685	0.0749	0.0703	LinF		0.0701							0.9999		0.9900
1,1,1-Trichloroethane	0.3898 0.3074	0.3095	0.2960	0.3042	0.3142	Ave		0.3202				10.8		15.0			
1,1-Dichloropropene	0.3569 0.2913	0.2759	0.2746	0.2856	0.2975	Ave		0.2970				10.3		15.0			
2-Butanone (MEK)	0.0266 0.0312	0.0257	0.0306	0.0313	0.0320	Ave		0.0296				9.0		15.0			
n-Heptane	0.1782 0.1236	0.1173	0.1166	0.1287	0.1325	QuaF		7.2424	0.6818						0.9999		0.9900
Benzene	1.6159 1.2459	1.2549	1.2020	1.2868	1.2781	Ave		1.3139				11.5		15.0			
Tert-amyl methyl ether	0.6279 0.5851	0.5426	0.5128	0.5857	0.5860	Ave		0.5734				7.0		15.0			
1,2-Dichloroethane	0.3282 0.2625	0.2831	0.2652	0.2816	0.2674	Ave		0.2813				8.7		15.0			
Isopropyl acetate	0.3321 0.3210	0.3004	0.2773	0.3205	0.3202	Ave		0.3119				6.4		15.0			
Methylcyclohexane	0.3517 0.3759	0.3039	0.3319	0.3566	0.3937	Ave		0.3523				9.0		15.0			
Trichloroethene	0.3310 0.2200	0.2122	0.2062	0.2228	0.2227	LinF		0.2204							1.0000		0.9900
Dibromomethane	0.1414 0.1164	0.1172	0.1152	0.1214	0.1185	Ave		0.1217				8.1		15.0			
n-Butanol	0.0038 0.0040	0.0039	0.0035	0.0039	0.0039	Ave		0.0038				4.2		15.0			
1,2-Dichloropropane	0.2706 0.2183	0.2188	0.2092	0.2282	0.2214	Ave		0.2278				9.6		30.0			
Dichlorobromomethane	0.3400 0.2809	0.2715	0.2655	0.2885	0.2807	Ave		0.2879				9.3		15.0			
Ethyl acrylate	0.2501 0.2039	0.1976	0.1843	0.2139	0.2055	Ave		0.2092				10.7		15.0			
Methyl methacrylate	0.0655 0.0511	0.0526	0.0500	0.0519	0.0520	Ave		0.0538				10.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.0024 0.0020	0.0023	0.0020	0.0022	0.0021	Ave		0.0022				7.5		15.0			
n-Propyl acetate	0.2805 0.2258	0.2185	0.2022	0.2295	0.2250	Ave		0.2303				11.5		15.0			
2-Chloroethyl vinyl ether	0.1398 0.1299	0.1217	0.1158	0.1362	0.1306	Ave		0.1290				6.9		15.0			
cis-1,3-Dichloropropene	0.6217 0.5033	0.4789	0.4813	0.5295	0.5174	Ave		0.5220				10.1		15.0			
Toluene	2.1002 1.3199	1.3937	1.2917	1.3442	1.3482	LinF		1.3240							0.9999		0.9900
Epichlorohydrin	0.0290 0.0236	0.0240	0.0226	0.0248	0.0240	Ave		0.0246				9.1		15.0			
Tetrachloroethene	0.3574 0.3148	0.2983	0.2863	0.3031	0.3242	Ave		0.3140				8.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.2303 0.2087	0.2156	0.1873	0.2195	0.2126	Ave		0.2123				6.7		15.0			
trans-1,3-Dichloropropene	0.5117 0.4627	0.4325	0.4310	0.4715	0.4696	Ave		0.4632				6.4		15.0			
1,1,2-Trichloroethane	0.2506 0.2066	0.2085	0.2011	0.2189	0.2098	Ave		0.2159				8.3		15.0			
Chlorodibromomethane	0.3212 0.2896	0.2736	0.2644	0.2971	0.2940	Ave		0.2900				6.8		15.0			
1,3-Dichloropropane	0.5378 0.4429	0.4425	0.4265	0.4627	0.4504	Ave		0.4605				8.6		15.0			
Ethylene Dibromide	0.2878 0.2479	0.2503	0.2382	0.2573	0.2527	Ave		0.2557				6.6		15.0			
n-Butyl acetate	0.0611 0.0620	0.0627	0.0575	0.0655	0.0629	Ave		0.0620				4.2		15.0			
2-Hexanone	0.1656 0.1476	0.1661	0.1541	0.1630	0.1572	Ave		0.1589				4.6		15.0			
Chlorobenzene	1.1017 0.8509	0.8305	0.8002	0.8612	0.8674	Ave		0.8853			0.3000	12.3		15.0			
Ethylbenzene	0.5575 0.4636	0.4316	0.4236	0.4482	0.4692	Ave		0.4656				10.4		30.0			
1,1,1,2-Tetrachloroethane	0.3070 0.2995	0.2544	0.2695	0.2879	0.3016	Ave		0.2867				7.2		15.0			
m-Xylene & p-Xylene	0.7113 0.5850	0.5369	0.5336	0.5616	0.5808	Ave		0.5849				11.2		15.0			
o-Xylene	0.6649 0.5442	0.5245	0.5213	0.5394	0.5488	Ave		0.5572				9.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromoform	0.2085 0.1809	0.1568	0.1544	0.1716	0.1793	Ave		0.1753			0.1000	11.2		15.0			
Styrene	1.0931 0.9702	0.9359	0.9186	0.9641	0.9703	Ave		0.9754				6.3		15.0			
n-Butyl acrylate	0.2042 0.1901	0.1698	0.1705	0.1916	0.1888	Ave		0.1858				7.2		15.0			
Isopropylbenzene	1.4448 1.4049	1.2466	1.2797	1.3270	1.4065	Ave		1.3516				5.9		15.0			
Camphene	0.4730 0.4673	0.3877	0.4176	0.4443	0.4904	Ave		0.4467				8.6		15.0			
Bromobenzene	0.8706 0.6673	0.6718	0.6465	0.6854	0.6665	Ave		0.7014				12.0		15.0			
N-Propylbenzene	3.3822 3.3495	2.8473	3.0386	3.1428	3.2872	Ave		3.1746				6.5		15.0			
2-Chlorotoluene	2.2324 1.9460	1.8121	1.8161	1.8860	1.9136	Ave		1.9344				8.0		15.0			
1,1,2,2-Tetrachloroethane	0.6590 0.5654	0.5763	0.5238	0.5569	0.5525	Ave		0.5723			0.3000	8.0		15.0			
1,2,3-Trichloropropane	0.2515 0.1633	0.1717	0.1520	0.1631	0.1615	LinF		0.1630							1.0000		0.9900
1,3,5-Trimethylbenzene	2.2412 2.4056	1.9529	2.0311	2.1622	2.3602	Ave		2.1922				8.2		15.0			
trans-1,4-Dichloro-2-butene	0.1953 0.1921	0.1836	0.1669	0.1868	0.1920	Ave		0.1861				5.5		15.0			
4-Chlorotoluene	2.5429 2.1062	1.9265	1.9369	2.0442	2.0674	Ave		2.1040				10.8		15.0			
tert-Butylbenzene	1.9730 2.0452	1.6832	1.8173	1.8960	2.0203	Ave		1.9058				7.2		15.0			
1,2,4-Trimethylbenzene	2.4892 2.4817	2.0323	2.1298	2.2556	2.4319	Ave		2.3034				8.4		15.0			
Butyl Methacrylate	0.7187 0.7307	0.6003	0.6034	0.6667	0.6992	Ave		0.6698				8.5		15.0			
sec-Butylbenzene	2.8679 2.9387	2.5073	2.7265	2.7849	2.9895	Ave		2.8025				6.2		15.0			
1,3-Dichlorobenzene	1.7025 1.3535	1.2612	1.3023	1.3545	1.3577	Ave		1.3886				11.4		15.0			
4-Isopropyltoluene	2.5529 2.6137	2.1423	2.3168	2.4387	2.6723	Ave		2.4561				8.1		15.0			
1,4-Dichlorobenzene	1.7905 1.3793	1.3595	1.3274	1.3828	1.3899	Ave		1.4382				12.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Octanol	0.1679 0.1776	0.1523	0.1352	0.1529	0.1665	Ave		0.1588				9.5		15.0			
2-Octanone	0.7187 0.6872	0.6487	0.5739	0.6571	0.6603	Ave		0.6576				7.4		15.0			
Benzyl chloride	1.4510 1.3295	1.2607	1.2680	1.3807	1.3657	Ave		1.3426				5.4		15.0			
n-Butylbenzene	2.1789 2.2711	1.9484	2.1010	2.1854	2.3947	Ave		2.1799				6.9		15.0			
1,2-Dichlorobenzene	1.5938 1.2719	1.2320	1.2516	1.2876	1.3006	Ave		1.3229				10.2		15.0			
1,2-Dibromo-3-Chloropropane	0.1856 0.1071	0.1163	0.1137	0.1125	0.1130	QuaF		8.5441	0.7420						1.0000		0.9900
1,2,4-Trichlorobenzene	1.1972 0.9049	0.8969	0.8805	0.9324	0.9209	Ave		0.9554				12.5		15.0			
Hexachlorobutadiene	0.3757 0.3325	0.3076	0.3278	0.3423	0.3630	Ave		0.3415				7.2		15.0			
Camphor	0.0796 0.0579	0.0586	0.0556	0.0634	0.0594	Ave		0.0624				14.0		15.0			
Naphthalene	3.2569 2.0261	2.4173	2.1886	2.2825	2.1184	QuaF		0.4528	0.0020						1.0000		0.9900
1,2,3-Trichlorobenzene	1.2278 0.7623	0.8467	0.8052	0.8279	0.7883	QuaF		1.2320	0.0105						1.0000		0.9900
1,2-Dichloroethane-d4 (Surr)	0.1145 0.1217	0.1287	0.1198	0.1223	0.1219	Ave		0.1215				3.8		15.0			
Toluene-d8 (Surr)	0.5762 0.5901	0.6382	0.6279	0.6455	0.6277	Ave		0.6176				4.5		15.0			
4-Bromofluorobenzene	0.6472 0.6759	0.7122	0.7262	0.7240	0.6939	Ave		0.6966				4.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-14426/7	p30268.d
Level 2	IC 460-14426/6	p30266.d
Level 3	ICIS 460-14426/2	p30258.d
Level 4	IC 460-14426/3	p30259.d
Level 5	IC 460-14426/4	p30260.d
Level 6	IC 460-14426/5	p30261.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
3-Chloro-1-propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dimethylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Methylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
1-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dichlorodifluoromethane	FB	Ave	5270 2121834	20615	78037	194079	850017	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6635 2608195	30657	102689	257769	1075968	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6869 2843575	29364	109590	272635	1194699	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	6867 2047960	20033	60771	150040	676912	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2883 1799129	16210	66898	172758	711197	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	8258 4104346	37695	144922	364554	1636140	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	8305 3834675	37485	141741	368265	1640787	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	5087 1946274	21347	76577	206399	832823	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	4764 2078103	19260	68982	181795	827403	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	19696 9169907	80752	304650	806660	3620567	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	5391 2598863	22659	87033	230101	1063618	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	QuaF	2161 162456	10358	15107	42692	80671	4.00 400	20.0	40.0	100	200
Isopropyl alcohol	FB	Ave	294774 1593658	563912	727203	1009903	1290126	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	6977 2717506	27440	101388	262308	1069882	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	5473 191520	7405	8176	19875	75739	10.0 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	6815 2784677	26029	93300	247374	1047993	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	1859 744365	7410	25996	69548	288370	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	4712 2278697	20610	77455	207004	928908	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	15556 7811236	72071	269019	735283	3055318	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	LinF	10432 4152029	41275	139275	378376	1576027	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	2422 1017082	9557	37733	103440	384633	20.0 10000	100	400	1000	4000
Isopropyl ether	FB	Ave	20176 9153632	82406	304863	853345	3587158	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	11827 5085404	47605	181251	467665	1984846	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	4234 346542	18174	31831	86727	164615	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	17202 8877631	77923	294889	824326	3436689	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	6723 3034191	30059	108749	284691	1168316	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	10139 4038705	41948	150404	391927	1684195	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	8522 4573483	40960	168604	425990	1905883	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	2947 1230235	12499	47552	124984	489723	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	10181 4373570	41512	156309	412648	1691702	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6897 3275872	26232	105269	282990	1254845	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl acetate	FB	Ave	917 487724	4376	16303	46104	182186	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	LinF	2448 866291	8226	30332	82727	331324	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	8688 3806368	35253	131046	336117	1480285	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	7954 3607519	31423	121564	315548	1401477	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	5934 385724	8790	13555	34560	150555	10.0 500	15.0	20.0	50.0	200
n-Heptane	FB	QuaF	3972 1530697	13363	51610	142219	624335	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	25299 11076903	100629	373107	1002675	4240688	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	13996 7245416	61795	227039	647170	2760712	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	7316 3250486	32246	117411	311129	1259560	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	14805 7949898	68435	245507	708307	3017071	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	7839 4654836	34612	146951	394052	1854666	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	LinF	7377 2723932	24169	91268	246241	1049134	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3152 1440954	13351	51006	134154	558196	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	42699 299623	88513	117697	172125	228987	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	6032 2703578	24918	92630	252142	1043134	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	7579 3478428	30925	117525	318781	1322166	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	5574 2525216	22508	81594	236375	967955	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1460 632564	5991	22116	57350	245090	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	54276 297614	103128	136005	191890	244568	1000 6000	2000	3000	4000	5000
n-Propyl acetate	FB	Ave	12506 5592319	49772	179056	507107	2120179	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	3115 1608605	13860	51285	150541	615250	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,3-Dichloropropene	CBZ	Ave	9733 4474800	38404	149383	412613	1716681	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	LinF	32881 11734251	111757	400949	1047399	4473251	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	9065 4189716	38509	140157	385862	1590101	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	5596 2798498	23920	88856	236185	1075678	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	36051 1855718	51859	58143	171010	705313	10.0 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	8011 4114024	34684	133788	367428	1557965	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3923 1836572	16722	62431	170587	696021	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	5028 2574302	21941	82076	231497	975549	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	8420 3937428	35485	132402	360515	1494425	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	4505 2203646	20068	73924	200512	838491	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	1914 1103254	10058	35702	102042	417276	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	25930 1312388	39954	47829	126995	521548	10.0 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	17248 7564696	66597	248373	671040	2877951	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	8728 4121621	34608	131473	349261	1556646	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4807 2662964	20403	83656	224301	1000588	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	22273 10401102	86115	331241	875186	3853868	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	10409 4838106	42058	161818	420302	1820884	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3264 1608340	12577	47941	133741	595046	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	17113 8625624	75051	285129	751278	3219233	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	3197 1690495	13615	52928	149314	626283	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	22619 12489970	99967	397219	1034062	4666738	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Camphene	CBZ	Ave	7405 4154762	31093	129633	346212	1627098	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	7409 3162654	29122	107045	285521	1192895	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	28782 15876068	123417	503130	1309198	5883468	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	18997 9223607	78548	300718	785656	3425013	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5608 2679785	24981	86729	232007	988918	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	LinF	2140 774037	7441	25172	67931	289016	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	19072 11401868	84652	336321	900708	4224354	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1662 910432	7960	27640	77803	343576	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	21640 9983138	83506	320708	851581	3700277	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	16790 9693770	72960	300911	789845	3615906	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	21183 11762795	88090	352658	939643	4352528	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	6116 3463585	26021	99919	277728	1251345	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	24405 13928852	108681	451463	1160139	5350678	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	14488 6415494	54669	215638	564238	2430057	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	21725 12388576	92860	383627	1015903	4782794	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	15237 6537390	58929	219799	576025	2487563	1.00 500	5.00	20.0	50.0	200
2-Octanol	DCB	Ave	1429 841945	6600	22394	63702	298067	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	6116 3257027	28120	95020	273729	1181880	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	12348 6301652	54645	209959	575166	2444294	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	18542 10764792	84455	347887	910401	4286095	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	13563 6028756	53401	207246	536394	2327788	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14426

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2009 19:17 Calibration End Date: 08/14/2009 23:58 Calibration ID: 2569

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromo-3-Chloropropane	DCB	QuaF	1579 507454	5039	18830	46852	202218	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	10188 4288902	38875	145795	388398	1648243	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	3197 1576121	13332	54277	142606	649724	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	3385 1372951	12711	46033	132067	531810	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	QuaF	27716 9603148	104781	362386	950813	3791558	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	QuaF	10448 3612913	36703	133328	344885	1410885	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	127602 150644	146608	132622	135107	143558	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	451009 524633	511752	487262	502979	520684	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	275369 320353	308695	300625	301602	310474	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30258.d
Report Date: 17-Aug-2009 10:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30258.d
Lab Smp Id: ICIS-VM8CAL3
Inj Date : 14-AUG-2009 19:17
Operator : Inst ID: VOAMS13.i
Smp Info : ICIS-VM8CAL3
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/8260_09.m
Meth Date : 17-Aug-2009 10:51 vibha Quant Type: ISTD
Cal Date : 14-AUG-2009 19:17 Cal File: p30258.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.728	(0.225)	78037	20.0000	19
3 Chloromethane	50	0.828	0.828	(0.257)	102689	20.0000	19
4 Vinyl Chloride	62	0.842	0.842	(0.261)	109590	20.0000	19
6 Bromomethane	94	0.978	0.978	(0.303)	60771	20.0000	20
5 Chloroethane	64	1.021	1.021	(0.316)	66898	20.0000	21
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	144922	20.0000	19
10 Isoprene	67	1.215	1.215	(0.376)	141741	20.0000	19
11 Ethyl Ether	59	1.222	1.222	(0.379)	76577	20.0000	19
13 Acrolein	56	1.480	1.480	(0.458)	15107	40.0000	36
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	68982	20.0000	18
14 Freon TF	101	1.329	1.329	(0.412)	87033	20.0000	18
16 Acetone	58	1.630	1.630	(0.505)	8176	20.0000	24
18 Carbon Disulfide	76	1.322	1.322	(0.410)	304650	20.0000	18
19 Isopropanol	45	1.580	1.580	(0.490)	727203	3000.00	2800
21 Acetonitrile	39	1.874	1.874	(0.581)	37733	400.000	380
27 Methyl Acetate	74	1.688	1.688	(0.523)	25996	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30258.d
Report Date: 17-Aug-2009 10:51

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	22	Methylene Chloride	84	1.594	1.594	(0.494)	101388	20.0000	19
	24	TBA	59	1.809	1.809	(0.561)	139275	400.000	380
	25	trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	93300	20.0000	18
	26	Acrylonitrile	53	2.046	2.046	(0.634)	31831	20.0000	18
	28	MTBE	73	1.738	1.738	(0.538)	269019	20.0000	19
	29	Hexane	56	1.709	1.709	(0.530)	77455	20.0000	18
	30	1,1-Dichloroethane	63	2.010	2.010	(0.623)	181251	20.0000	19
	32	DIPE	45	1.945	1.945	(0.603)	304863	20.0000	18
	34	n-Propanol	60	2.225	2.225	(0.689)	45430	3000.00	2800
	35	t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	294889	20.0000	18
	37	2,2-Dichloropropane	77	2.397	2.397	(0.743)	150404	20.0000	18
	36	cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	108749	20.0000	19
	38	2-Butanone	72	2.733	2.733	(0.847)	13555	20.0000	21
	39	Ethyl Acetate	70	2.619	2.619	(0.811)	16303	40.0000	37
	40	Bromochloromethane	128	2.454	2.454	(0.760)	47552	20.0000	19
	41	Tetrahydrofuran	42	2.626	2.626	(0.814)	30332	20.0000	20
	42	Chloroform	83	2.511	2.511	(0.778)	156309	20.0000	19
	43	1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	131046	20.0000	18
	44	Cyclohexane	56	2.440	2.440	(0.756)	168604	20.0000	20
	45	Carbon Tetrachloride	117	2.590	2.590	(0.802)	105269	20.0000	18
	46	1,1-Dichloropropene	75	2.726	2.726	(0.845)	121564	20.0000	18
$	47	1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	132622	50.0000	49
	48	Benzene	78	2.905	2.905	(0.447)	373107	20.0000	18
	49	1,2-Dichloroethane	62	3.063	3.063	(0.949)	117411	20.0000	19
	51	n-Heptane	57	2.898	2.898	(0.898)	51610	20.0000	17
	50	t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	227039	20.0000	18
	61	Isopropyl Acetate	43	3.314	3.314	(1.027)	245507	40.0000	36
*	52	Fluorobenzene	96	3.228	3.228	(1.000)	1106779	50.0000	
	54	Trichloroethene	95	3.364	3.364	(1.042)	91268	20.0000	19
	53	n-Butanol	56	3.751	3.751	(1.162)	117697	1500.00	1400
	56	Methyl cyclohexane	83	3.335	3.335	(1.033)	146951	20.0000	19
	55	Ethyl Acrylate	55	3.894	3.894	(1.206)	81594	20.0000	18
	57	1,2-Dichloropropane	63	3.808	3.808	(1.180)	92630	20.0000	18
	58	Dibromomethane	93	3.715	3.715	(1.151)	51006	20.0000	19
	60	1,4-Dioxane	88	4.094	4.094	(1.269)	136005	3000.00	2800
	59	Methyl Methacrylate	100	4.087	4.087	(1.266)	22116	20.0000	18
	75	Propyl Acetate	43	4.245	4.245	(1.315)	179056	40.0000	35
	68	Bromodichloromethane	83	3.887	3.887	(1.204)	117525	20.0000	18
	62	2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	51285	20.0000	18
	63	Epichlorohydrin	57	4.789	4.789	(0.737)	140157	400.000	370
	67	cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	149383	20.0000	18
	70	4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	58143	20.0000	18
$	65	Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	487262	50.0000	51
	66	Toluene	91	4.739	4.739	(0.729)	400949	20.0000	20
	64	trans-1,3-Dichloropropene	75	5.233	5.233	(0.805)	133788	20.0000	19
	69	1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	62431	20.0000	19
	71	Tetrachloroethene	166	5.147	5.147	(0.792)	88856	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30258.d
Report Date: 17-Aug-2009 10:51

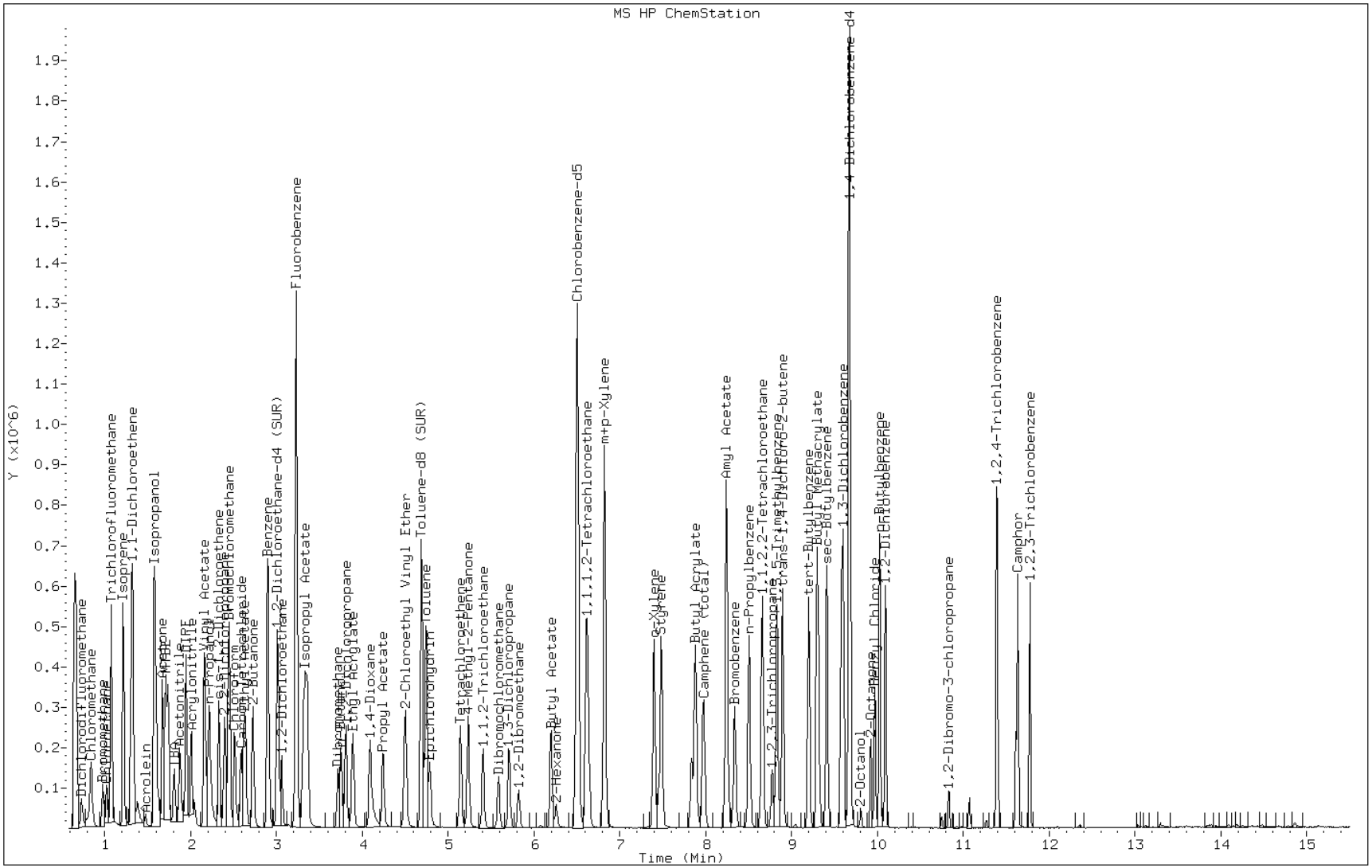
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	72 1,3-Dichloropropane	76	5.706	5.706	(0.878)	132402	20.0000	18
	73 2-Hexanone	43	6.258	6.258	(0.963)	47829	20.0000	19
	74 Dibromochloromethane	129	5.591	5.591	(0.860)	82076	20.0000	18
	76 Butyl Acetate	73	6.200	6.200	(0.954)	35702	40.0000	37
	77 1,2-Dibromoethane	107	5.821	5.821	(0.895)	73924	20.0000	19
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	776010	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	248373	20.0000	18
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	83656	20.0000	19
	81 Ethylbenzene	106	6.609	6.609	(1.017)	131473	20.0000	18
	82 m+p-Xylene	106	6.824	6.824	(1.050)	331241	40.0000	36
	84 o-Xylene	106	7.397	7.397	(1.138)	161818	20.0000	19
	85 Styrene	104	7.482	7.482	(1.151)	285129	20.0000	19
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	52928	20.0000	18
	86 Bromoform	173	7.454	7.454	(1.147)	47941	20.0000	18
	88 Isopropylbenzene	105	7.876	7.876	(1.212)	397219	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	300625	50.0000	52
	90 Camphene (total)	93	7.977	7.977	(1.227)	129633	20.0000	19
	91 Bromobenzene	156	8.335	8.335	(0.862)	107045	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.896)	86729	20.0000	18
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	25172	20.0000	19
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	27640	20.0000	18
	95 n-Propylbenzene	91	8.500	8.500	(0.879)	503130	20.0000	19
	96 2-Chlorotoluene	91	8.657	8.657	(0.896)	300718	20.0000	19
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	336321	20.0000	18
	98 4-Chlorotoluene	91	8.894	8.894	(0.920)	320708	20.0000	18
	99 Butyl Methacrylate	87	9.316	9.316	(0.964)	99919	20.0000	18
	100 tert-Butylbenzene	119	9.202	9.202	(0.952)	300911	20.0000	19
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	352658	20.0000	18
	102 2-Octanone	43	9.925	9.925	(1.027)	95020	20.0000	17
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	451463	20.0000	19
	104 2-Octanol	45	9.803	9.803	(1.014)	22394	20.0000	17
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.991)	215638	20.0000	19
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	383627	20.0000	19
*	108 1,4-Dichlorobenzene-d4	152	9.667	9.667	(1.000)	413955	50.0000	
	109 1,4-Dichlorobenzene	146	9.682	9.682	(1.001)	219799	20.0000	18
	110 Benzyl Chloride	91	9.968	9.968	(1.031)	209959	20.0000	19
	106 n-Butylbenzene	91	10.025	10.025	(1.037)	347887	20.0000	19
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.044)	207246	20.0000	19
	112 1,2-Dibromo-3-chloropropane	75	10.835	10.835	(1.121)	18830	20.0000	20
	113 Camphor	95	11.608	11.608	(1.201)	46033	100.000	89
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.178)	145795	20.0000	18
	115 Hexachlorobutadiene	225	11.394	11.394	(1.179)	54277	20.0000	19
	116 Naphthalene	128	11.637	11.637	(1.204)	362386	20.0000	20
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.218)	133328	20.0000	20
M	120 1,2-Dichloroethene (Total)	100				202049	40.0000	37
M	121 Xylene (Total)	100				493059	60.0000	55

Data File: p30258.d

Date: 14-AUG-2009 19:17

Client ID: Instrument: VOAMS13.i

Sample Info: ICIS-VM8CAL3 Operator:



Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30259.d
Report Date: 17-Aug-2009 10:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30259.d
Lab Smp Id: IC-VM8CAL4
Inj Date : 14-AUG-2009 19:42
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL4
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/8260_09.m
Meth Date : 17-Aug-2009 10:51 vibha Quant Type: ISTD
Cal Date : 14-AUG-2009 19:42 Cal File: p30259.d
Als bottle: 8 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.728	(0.225)	194079	50.0000	47
3 Chloromethane	50	0.828	0.828	(0.257)	257769	50.0000	48
4 Vinyl Chloride	62	0.842	0.842	(0.261)	272635	50.0000	48
6 Bromomethane	94	0.978	0.978	(0.303)	150040	50.0000	50
5 Chloroethane	64	1.021	1.021	(0.316)	172758	50.0000	54
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	364554	50.0000	48
10 Isoprene	67	1.215	1.215	(0.376)	368265	50.0000	50
11 Ethyl Ether	59	1.222	1.222	(0.379)	206399	50.0000	50
13 Acrolein	56	1.473	1.480	(0.456)	42692	100.000	110
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	181795	50.0000	47
14 Freon TF	101	1.329	1.329	(0.412)	230101	50.0000	49
16 Acetone	58	1.630	1.630	(0.505)	19875	50.0000	58
18 Carbon Disulfide	76	1.322	1.322	(0.410)	806660	50.0000	48
19 Isopropanol	45	1.573	1.580	(0.487)	1009903	4000.00	3900
21 Acetonitrile	39	1.874	1.874	(0.581)	103440	1000.00	1000
27 Methyl Acetate	74	1.688	1.688	(0.523)	69548	50.0000	48

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30259.d
Report Date: 17-Aug-2009 10:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.595	1.594	(0.494)	262308	50.0000	48
	24 TBA	59	1.809	1.809	(0.561)	378376	1000.00	1000
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	247374	50.0000	47
	26 Acrylonitrile	53	2.046	2.046	(0.634)	86727	50.0000	51
	28 MTBE	73	1.738	1.738	(0.538)	735283	50.0000	51
	29 Hexane	56	1.709	1.709	(0.530)	207004	50.0000	49
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	467665	50.0000	48
	32 DIPE	45	1.946	1.945	(0.603)	853345	50.0000	50
	34 n-Propanol	60	2.225	2.225	(0.689)	65552	4000.00	4100
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	824326	50.0000	52
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	391927	50.0000	48
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	284691	50.0000	49
	38 2-Butanone	72	2.733	2.733	(0.847)	34560	50.0000	53
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	46104	100.000	100
	40 Bromochloromethane	128	2.454	2.454	(0.760)	124984	50.0000	51
	41 Tetrahydrofuran	42	2.619	2.626	(0.811)	82727	50.0000	53
	42 Chloroform	83	2.511	2.511	(0.778)	412648	50.0000	50
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	336117	50.0000	48
	44 Cyclohexane	56	2.447	2.440	(0.758)	425990	50.0000	51
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	282990	50.0000	49
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	315548	50.0000	48
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	135107	50.0000	50
	48 Benzene	78	2.905	2.905	(0.447)	1002675	50.0000	49
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	311129	50.0000	50
	51 n-Heptane	57	2.898	2.898	(0.898)	142219	50.0000	47
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	647170	50.0000	51
	61 Isopropyl Acetate	43	3.314	3.314	(1.027)	708307	100.000	100
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	1104983	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	246241	50.0000	50
	53 n-Butanol	56	3.751	3.751	(1.162)	172125	2000.00	2000
	56 Methyl cyclohexane	83	3.335	3.335	(1.033)	394052	50.0000	51
	55 Ethyl Acrylate	55	3.894	3.894	(1.206)	236375	50.0000	51
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	252142	50.0000	50
	58 Dibromomethane	93	3.715	3.715	(1.151)	134154	50.0000	50
	60 1,4-Dioxane	88	4.102	4.094	(1.271)	191890	4000.00	4000
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	57350	50.0000	48
	75 Propyl Acetate	43	4.238	4.245	(1.313)	507107	100.000	100
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	318781	50.0000	50
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	150541	50.0000	53
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	385862	1000.00	1000
	67 cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	412613	50.0000	51
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	171010	50.0000	52
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	502979	50.0000	52
	66 Toluene	91	4.739	4.739	(0.729)	1047399	50.0000	51
	64 trans-1,3-Dichloropropene	75	5.233	5.233	(0.805)	367428	50.0000	51
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	170587	50.0000	51
	71 Tetrachloroethene	166	5.140	5.147	(0.791)	236185	50.0000	48

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30259.d
Report Date: 17-Aug-2009 10:51

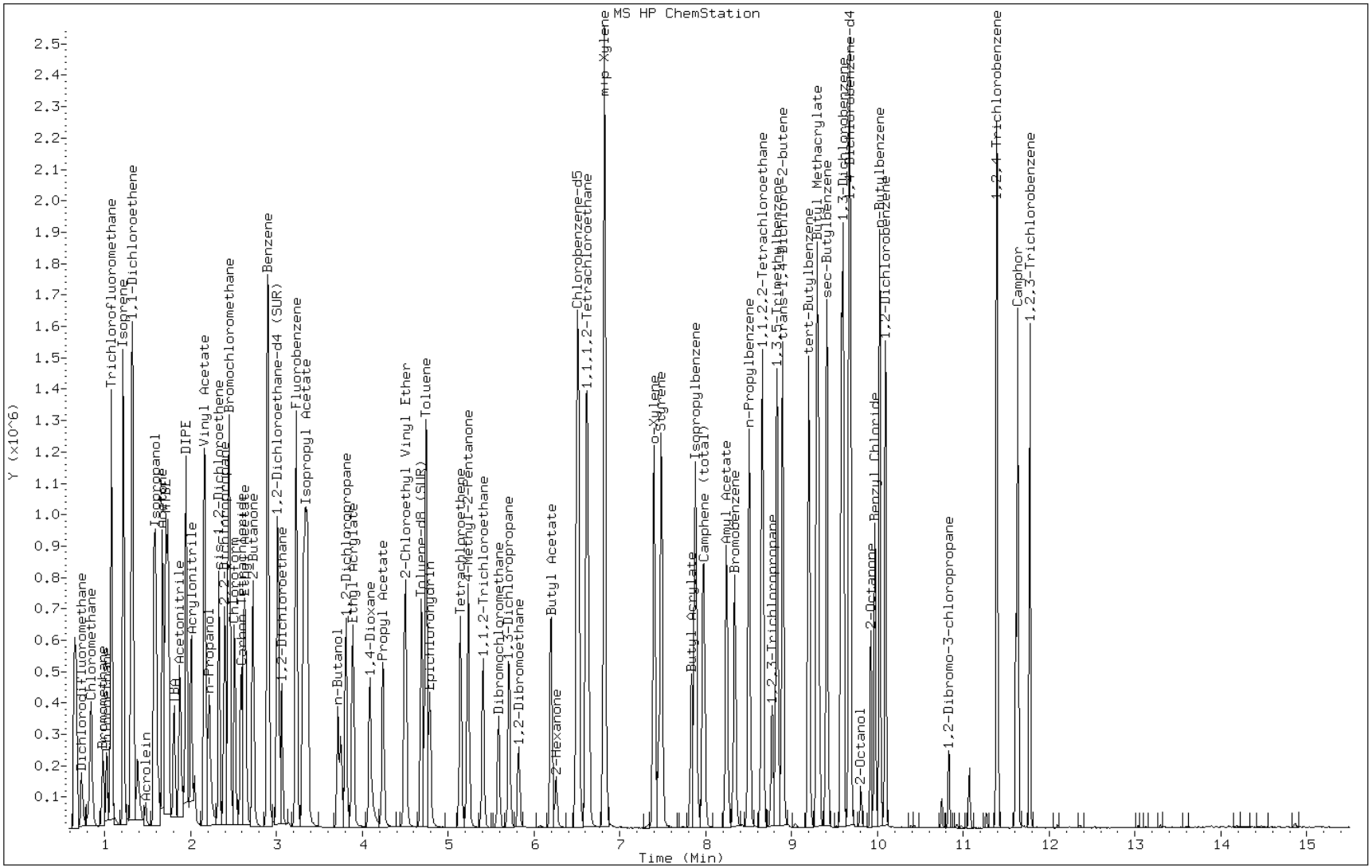
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	72 1,3-Dichloropropane	76	5.706	5.706	(0.878)	360515	50.0000	50
	73 2-Hexanone	43	6.258	6.258	(0.963)	126995	50.0000	51
	74 Dibromochloromethane	129	5.584	5.591	(0.859)	231497	50.0000	51
	76 Butyl Acetate	73	6.200	6.200	(0.954)	102042	100.000	100
	77 1,2-Dibromoethane	107	5.821	5.821	(0.895)	200512	50.0000	50
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	779225	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	671040	50.0000	49
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	224301	50.0000	50
	81 Ethylbenzene	106	6.609	6.609	(1.017)	349261	50.0000	48
	82 m+p-Xylene	106	6.824	6.824	(1.050)	875186	100.000	96
	84 o-Xylene	106	7.397	7.397	(1.138)	420302	50.0000	48
	85 Styrene	104	7.483	7.482	(1.151)	751278	50.0000	49
	83 Butyl Acrylate	73	7.834	7.833	(1.205)	149314	50.0000	52
	86 Bromoform	173	7.454	7.454	(1.147)	133741	50.0000	49
	88 Isopropylbenzene	105	7.884	7.876	(1.213)	1034062	50.0000	49
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	301602	50.0000	52
	90 Camphene (total)	93	7.977	7.977	(1.227)	346212	50.0000	50
	91 Bromobenzene	156	8.335	8.335	(0.862)	285521	50.0000	49
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	232007	50.0000	49
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	67931	50.0000	50
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	77803	50.0000	50
	95 n-Propylbenzene	91	8.507	8.500	(0.879)	1309198	50.0000	49
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	785656	50.0000	49
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	900708	50.0000	49
	98 4-Chlorotoluene	91	8.894	8.894	(0.919)	851581	50.0000	48
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	277728	50.0000	50
	100 tert-Butylbenzene	119	9.202	9.202	(0.951)	789845	50.0000	50
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	939643	50.0000	49
	102 2-Octanone	43	9.925	9.925	(1.026)	273729	50.0000	50
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	1160139	50.0000	50
	104 2-Octanol	45	9.803	9.803	(1.013)	63702	50.0000	48
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	564238	50.0000	49
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	1015903	50.0000	50
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.667	(1.000)	416575	50.0000	
	109 1,4-Dichlorobenzene	146	9.682	9.682	(1.001)	576025	50.0000	48
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	575166	50.0000	51
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	910401	50.0000	50
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	536394	50.0000	49
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.835	(1.119)	46852	50.0000	48
	113 Camphor	95	11.608	11.608	(1.200)	132067	250.000	250
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	388398	50.0000	49
	115 Hexachlorobutadiene	225	11.394	11.394	(1.178)	142606	50.0000	50
	116 Naphthalene	128	11.637	11.637	(1.203)	950813	50.0000	52
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	344885	50.0000	51
M	120 1,2-Dichloroethene (Total)	100				532065	100.000	97
M	121 Xylene (Total)	100				1295488	150.000	140

Data File: p30259.d

Date: 14-AUG-2009 19:42

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL4 Operator:



Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30260.d
Report Date: 17-Aug-2009 10:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30260.d
Lab Smp Id: IC-VM8CAL5
Inj Date : 14-AUG-2009 20:07
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL5
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/8260_09.m
Meth Date : 17-Aug-2009 10:51 vibha Quant Type: ISTD
Cal Date : 14-AUG-2009 20:07 Cal File: p30260.d
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.728	(0.226)	850017	200.000	190
3 Chloromethane	50	0.828	0.828	(0.257)	1075968	200.000	190
4 Vinyl Chloride	62	0.842	0.842	(0.261)	1194699	200.000	200
6 Bromomethane	94	0.979	0.978	(0.303)	676912	200.000	200
5 Chloroethane	64	1.022	1.021	(0.316)	711197	200.000	210
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	1636140	200.000	200
10 Isoprene	67	1.215	1.215	(0.376)	1640787	200.000	210
11 Ethyl Ether	59	1.222	1.222	(0.379)	832823	200.000	190
13 Acrolein	56	1.473	1.480	(0.456)	80671	200.000	200
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	827403	200.000	200
14 Freon TF	101	1.330	1.329	(0.412)	1063618	200.000	210
16 Acetone	58	1.630	1.630	(0.505)	75739	200.000	210
18 Carbon Disulfide	76	1.322	1.322	(0.410)	3620567	200.000	200
19 Isopropanol	45	1.580	1.580	(0.490)	1290126	5000.00	4700
21 Acetonitrile	39	1.874	1.874	(0.581)	384633	4000.00	3700
27 Methyl Acetate	74	1.688	1.688	(0.523)	288370	200.000	190

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30260.d
Report Date: 17-Aug-2009 10:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.595	1.594	(0.494)	1069882	200.000	180
	24 TBA	59	1.810	1.809	(0.561)	1576027	4000.00	4000
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	1047993	200.000	190
	26 Acrylonitrile	53	2.046	2.046	(0.634)	164615	100.000	90
	28 MTBE	73	1.738	1.738	(0.538)	3055318	200.000	200
	29 Hexane	56	1.716	1.709	(0.532)	928908	200.000	210
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	1984846	200.000	190
	32 DIPE	45	1.953	1.945	(0.605)	3587158	200.000	200
	34 n-Propanol	60	2.232	2.225	(0.692)	80536	5000.00	4700
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	3436689	200.000	200
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	1684195	200.000	190
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	1168316	200.000	190
	38 2-Butanone	72	2.734	2.733	(0.847)	150555	200.000	220
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	182186	400.000	390
	40 Bromochloromethane	128	2.461	2.454	(0.763)	489723	200.000	190
	41 Tetrahydrofuran	42	2.619	2.626	(0.811)	331324	200.000	200
	42 Chloroform	83	2.511	2.511	(0.778)	1691702	200.000	190
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	1480285	200.000	200
	44 Cyclohexane	56	2.447	2.440	(0.758)	1905883	200.000	210
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	1254845	200.000	200
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	1401477	200.000	200
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	143558	50.0000	50
	48 Benzene	78	2.905	2.905	(0.447)	4240688	200.000	190
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	1259560	200.000	190
	51 n-Heptane	57	2.898	2.898	(0.898)	624335	200.000	200
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	2760712	200.000	200
	61 Isopropyl Acetate	43	3.314	3.314	(1.027)	3017071	400.000	410
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	1177692	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	1049134	200.000	200
	53 n-Butanol	56	3.758	3.751	(1.164)	228987	2500.00	2500
	56 Methyl cyclohexane	83	3.342	3.335	(1.036)	1854666	200.000	220
	55 Ethyl Acrylate	55	3.894	3.894	(1.206)	967955	200.000	200
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	1043134	200.000	190
	58 Dibromomethane	93	3.715	3.715	(1.151)	558196	200.000	190
	60 1,4-Dioxane	88	4.102	4.094	(1.271)	244568	5000.00	4800
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	245090	200.000	190
	75 Propyl Acetate	43	4.245	4.245	(1.315)	2120179	400.000	390
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	1322166	200.000	200
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	615250	200.000	200
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	1590101	4000.00	3900
	67 cis-1,3-Dichloropropene	75	4.510	4.503	(0.694)	1716681	200.000	200
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	705313	200.000	200
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	520684	50.0000	51
	66 Toluene	91	4.746	4.739	(0.730)	4473251	200.000	200
	64 trans-1,3-Dichloropropene	75	5.241	5.233	(0.806)	1557965	200.000	200
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	696021	200.000	190
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	1075678	200.000	210

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30260.d
Report Date: 17-Aug-2009 10:51

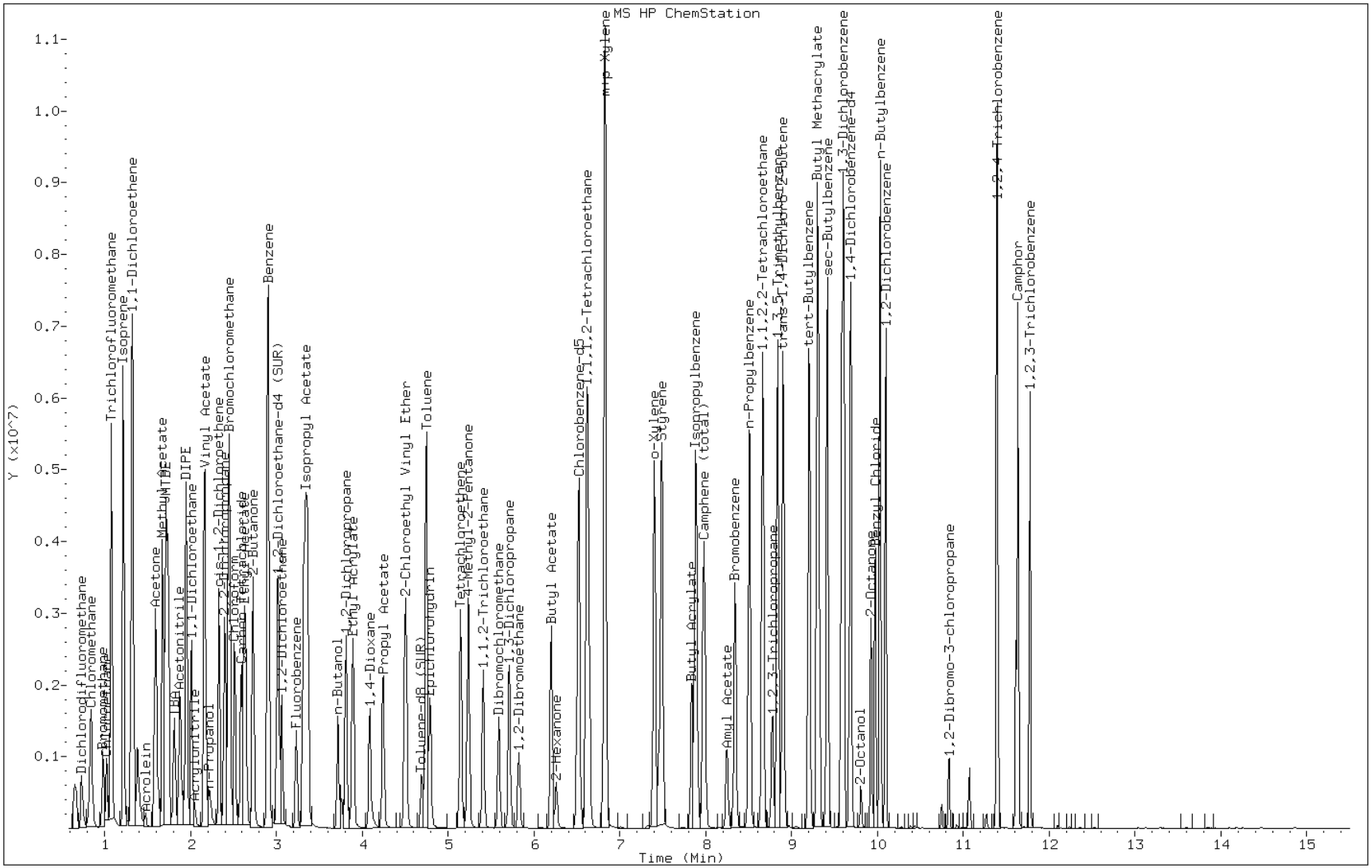
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	72 1,3-Dichloropropane	76	5.713	5.706	(0.879)	1494425	200.000	200
	73 2-Hexanone	43	6.258	6.258	(0.963)	521548	200.000	200
	74 Dibromochloromethane	129	5.592	5.591	(0.860)	975549	200.000	200
	76 Butyl Acetate	73	6.200	6.200	(0.954)	417276	400.000	400
	77 1,2-Dibromoethane	107	5.828	5.821	(0.896)	838491	200.000	200
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	829484	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	2877951	200.000	200
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	1000588	200.000	210
	81 Ethylbenzene	106	6.616	6.609	(1.018)	1556646	200.000	200
	82 m+p-Xylene	106	6.831	6.824	(1.051)	3853868	400.000	400
	84 o-Xylene	106	7.404	7.397	(1.139)	1820884	200.000	200
	85 Styrene	104	7.490	7.482	(1.152)	3219233	200.000	200
	83 Butyl Acrylate	73	7.834	7.833	(1.205)	626283	200.000	200
	86 Bromoform	173	7.454	7.454	(1.147)	595046	200.000	200
	88 Isopropylbenzene	105	7.884	7.876	(1.213)	4666738	200.000	210
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	310474	50.0000	50
	90 Camphene (total)	93	7.977	7.977	(1.227)	1627098	200.000	220
	91 Bromobenzene	156	8.342	8.335	(0.862)	1192895	200.000	190
	92 1,1,2,2-Tetrachloroethane	83	8.665	8.657	(0.896)	988918	200.000	190
	93 1,2,3-Trichloropropane	110	8.779	8.772	(0.907)	289016	200.000	200
	94 trans-1,4-Dichloro-2-butene	53	8.894	8.886	(0.919)	343576	200.000	210
	95 n-Propylbenzene	91	8.507	8.500	(0.879)	5883468	200.000	210
	96 2-Chlorotoluene	91	8.665	8.657	(0.896)	3425013	200.000	200
	97 1,3,5-Trimethylbenzene	105	8.836	8.829	(0.913)	4224354	200.000	220
	98 4-Chlorotoluene	91	8.901	8.894	(0.920)	3700277	200.000	200
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	1251345	200.000	210
	100 tert-Butylbenzene	119	9.202	9.202	(0.951)	3615906	200.000	210
	101 1,2,4-Trimethylbenzene	105	9.302	9.295	(0.961)	4352528	200.000	210
	102 2-Octanone	43	9.925	9.925	(1.026)	1181880	200.000	200
	103 sec-Butylbenzene	105	9.417	9.409	(0.973)	5350678	200.000	210
	104 2-Octanol	45	9.803	9.803	(1.013)	298067	200.000	210
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	2430057	200.000	200
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	4782794	200.000	220
*	108 1,4-Dichlorobenzene-d4	152	9.675	9.667	(1.000)	447450	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.682	(1.001)	2487563	200.000	190
	110 Benzyl Chloride	91	9.975	9.968	(1.031)	2444294	200.000	200
	106 n-Butylbenzene	91	10.033	10.025	(1.037)	4286095	200.000	220
	111 1,2-Dichlorobenzene	146	10.097	10.090	(1.044)	2327788	200.000	200
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.835	(1.119)	202218	200.000	200
	113 Camphor	95	11.609	11.608	(1.200)	531810	1000.00	950
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	1648243	200.000	190
	115 Hexachlorobutadiene	225	11.401	11.394	(1.178)	649724	200.000	210
	116 Naphthalene	128	11.637	11.637	(1.203)	3791558	200.000	200
	117 1,2,3-Trichlorobenzene	180	11.780	11.773	(1.218)	1410885	200.000	200
M	120 1,2-Dichloroethene (Total)	100				2216309	400.000	380
M	121 Xylene (Total)	100				5674752	600.000	590

Data File: p30260.d

Date: 14-AUG-2009 20:07

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL5 Operator:



Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30261.d
Report Date: 17-Aug-2009 10:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30261.d
Lab Smp Id: IC-VM8CAL6
Inj Date : 14-AUG-2009 20:32
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL6
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/8260_09.m
Meth Date : 17-Aug-2009 10:51 vibha Quant Type: ISTD
Cal Date : 14-AUG-2009 20:32 Cal File: p30261.d
Als bottle: 10 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.728	(0.227)	2121834	500.000	460
3 Chloromethane	50	0.821	0.828	(0.254)	2608195	500.000	430
4 Vinyl Chloride	62	0.842	0.842	(0.260)	2843575	500.000	450
6 Bromomethane	94	0.979	0.978	(0.302)	2047960	500.000	500(A)
5 Chloroethane	64	1.022	1.021	(0.316)	1799129	500.000	500
7 Trichlorofluoromethane	101	1.079	1.079	(0.333)	4104346	500.000	490
10 Isoprene	67	1.215	1.215	(0.376)	3834675	500.000	460
11 Ethyl Ether	59	1.222	1.222	(0.378)	1946274	500.000	420
13 Acrolein	56	1.473	1.480	(0.455)	162456	400.000	400
15 1,1-Dichloroethene	96	1.315	1.308	(0.407)	2078103	500.000	480
14 Freon TF	101	1.330	1.329	(0.411)	2598863	500.000	490
16 Acetone	58	1.630	1.630	(0.504)	191520	500.000	500
18 Carbon Disulfide	76	1.322	1.322	(0.409)	9169907	500.000	490
19 Isopropanol	45	1.580	1.580	(0.488)	1593658	6000.00	5500
21 Acetonitrile	39	1.881	1.874	(0.582)	1017082	10000.0	9200
27 Methyl Acetate	74	1.695	1.688	(0.524)	744365	500.000	460

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30261.d
Report Date: 17-Aug-2009 10:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.595	1.594	(0.493)	2717506	500.000	450
	24 TBA	59	1.817	1.809	(0.562)	4152029	10000.0	10000(A)
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.517)	2784677	500.000	480
	26 Acrylonitrile	53	2.046	2.046	(0.632)	346542	200.000	180
	28 MTBE	73	1.738	1.738	(0.537)	7811236	500.000	490
	29 Hexane	56	1.716	1.709	(0.531)	2278697	500.000	490
	30 1,1-Dichloroethane	63	2.010	2.010	(0.621)	5085404	500.000	470
	32 DIPE	45	1.953	1.945	(0.604)	9153632	500.000	480
	34 n-Propanol	60	2.232	2.225	(0.690)	92481	6000.00	5200
	35 t-Butyl-ethyl-ether	59	2.168	2.160	(0.670)	8877631	500.000	500
	37 2,2-Dichloropropane	77	2.397	2.397	(0.741)	4038705	500.000	440
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.721)	3034191	500.000	470
	38 2-Butanone	72	2.741	2.733	(0.847)	385724	500.000	530(A)
	39 Ethyl Acetate	70	2.626	2.619	(0.812)	487724	1000.00	1000(A)
	40 Bromochloromethane	128	2.461	2.454	(0.761)	1230235	500.000	450
	41 Tetrahydrofuran	42	2.626	2.626	(0.812)	866291	500.000	500
	42 Chloroform	83	2.519	2.511	(0.779)	4373570	500.000	470
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.816)	3806368	500.000	480
	44 Cyclohexane	56	2.447	2.440	(0.756)	4573483	500.000	480
	45 Carbon Tetrachloride	117	2.590	2.590	(0.801)	3275872	500.000	510(A)
	46 1,1-Dichloropropene	75	2.726	2.726	(0.843)	3607519	500.000	490
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	150644	50.0000	50(H)
	48 Benzene	78	2.913	2.905	(0.448)	11076903	500.000	470
	49 1,2-Dichloroethane	62	3.070	3.063	(0.949)	3250486	500.000	470
	51 n-Heptane	57	2.898	2.898	(0.896)	1530697	500.000	500
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.934)	7245416	500.000	510(A)
	61 Isopropyl Acetate	43	3.321	3.314	(1.027)	7949898	1000.00	1000(A)
*	52 Fluorobenzene	96	3.235	3.228	(1.000)	1238224	50.0000	
	54 Trichloroethene	95	3.371	3.364	(1.042)	2723932	500.000	500
	53 n-Butanol	56	3.758	3.751	(1.162)	299623	3000.00	3100(A)
	56 Methyl cyclohexane	83	3.350	3.335	(1.035)	4654836	500.000	530(A)
	55 Ethyl Acrylate	55	3.901	3.894	(1.206)	2525216	500.000	490
	57 1,2-Dichloropropane	63	3.815	3.808	(1.179)	2703578	500.000	480
	58 Dibromomethane	93	3.722	3.715	(1.151)	1440954	500.000	480
	60 1,4-Dioxane	88	4.109	4.094	(1.270)	297614	6000.00	5500
	59 Methyl Methacrylate	100	4.087	4.087	(1.263)	632564	500.000	470
	75 Propyl Acetate	43	4.245	4.245	(1.312)	5592319	1000.00	980
	68 Bromodichloromethane	83	3.887	3.887	(1.201)	3478428	500.000	490
	62 2-Chloroethyl Vinyl Ether	63	4.496	4.488	(1.390)	1608605	500.000	500(A)
	63 Epichlorohydrin	57	4.804	4.789	(0.738)	4189716	10000.0	9600
	67 cis-1,3-Dichloropropene	75	4.517	4.503	(0.694)	4474800	500.000	480
	70 4-Methyl-2-Pentanone	43	5.233	5.226	(0.804)	1855718	500.000	490
$	65 Toluene-d8 (SUR)	98	4.696	4.689	(0.722)	524633	50.0000	48
	66 Toluene	91	4.753	4.739	(0.730)	11734251	500.000	500
	64 trans-1,3-Dichloropropene	75	5.248	5.233	(0.806)	4114024	500.000	500
	69 1,1,2-Trichloroethane	83	5.412	5.405	(0.832)	1836572	500.000	480
	71 Tetrachloroethene	166	5.147	5.147	(0.791)	2798498	500.000	500(A)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30261.d
Report Date: 17-Aug-2009 10:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
72	1,3-Dichloropropane	76	5.721	5.706	(0.879)	3937428	500.000	480
73	2-Hexanone	43	6.265	6.258	(0.963)	1312388	500.000	460
74	Dibromochloromethane	129	5.592	5.591	(0.859)	2574302	500.000	500
76	Butyl Acetate	73	6.208	6.200	(0.954)	1103254	1000.00	1000(A)
77	1,2-Dibromoethane	107	5.828	5.821	(0.895)	2203646	500.000	480
* 78	Chlorobenzene-d5	117	6.508	6.501	(1.000)	889053	50.0000	
79	Chlorobenzene	112	6.530	6.523	(1.003)	7564696	500.000	480
80	1,1,1,2-Tetrachloroethane	131	6.652	6.637	(1.022)	2662964	500.000	520(A)
81	Ethylbenzene	106	6.623	6.609	(1.018)	4121621	500.000	500
82	m+p-Xylene	106	6.845	6.824	(1.052)	10401102	1000.00	1000(A)
84	o-Xylene	106	7.411	7.397	(1.139)	4838106	500.000	490
85	Styrene	104	7.497	7.482	(1.152)	8625624	500.000	500
83	Butyl Acrylate	73	7.848	7.833	(1.206)	1690495	500.000	510(A)
86	Bromoform	173	7.468	7.454	(1.147)	1608340	500.000	520(A)
88	Isopropylbenzene	105	7.898	7.876	(1.214)	12489970	500.000	520(A)
$ 89	Bromofluorobenzene (SUR)	174	8.249	8.242	(0.852)	320353	50.0000	48
90	Camphene (total)	93	7.991	7.977	(1.228)	4154762	500.000	520(A)
91	Bromobenzene	156	8.349	8.335	(0.862)	3162654	500.000	480
92	1,1,2,2-Tetrachloroethane	83	8.672	8.657	(0.896)	2679785	500.000	490
93	1,2,3-Trichloropropane	110	8.786	8.772	(0.908)	774037	500.000	500(A)
94	trans-1,4-Dichloro-2-butene	53	8.901	8.886	(0.919)	910432	500.000	520(A)
95	n-Propylbenzene	91	8.521	8.500	(0.880)	15876068	500.000	530(A)
96	2-Chlorotoluene	91	8.672	8.657	(0.896)	9223607	500.000	500(A)
97	1,3,5-Trimethylbenzene	105	8.851	8.829	(0.914)	11401868	500.000	550(A)
98	4-Chlorotoluene	91	8.915	8.894	(0.921)	9983138	500.000	500(A)
99	Butyl Methacrylate	87	9.323	9.316	(0.963)	3463585	500.000	540(A)
100	tert-Butylbenzene	119	9.216	9.202	(0.952)	9693770	500.000	540(A)
101	1,2,4-Trimethylbenzene	105	9.309	9.295	(0.962)	11762795	500.000	540(A)
102	2-Octanone	43	9.932	9.925	(1.026)	3257027	500.000	520(A)
103	sec-Butylbenzene	105	9.424	9.409	(0.973)	13928852	500.000	520(A)
104	2-Octanol	45	9.811	9.803	(1.013)	841945	500.000	560(A)
105	1,3-Dichlorobenzene	146	9.596	9.581	(0.991)	6415494	500.000	490
107	p-Isopropyltoluene	119	9.617	9.603	(0.993)	12388576	500.000	530(A)
* 108	1,4-Dichlorobenzene-d4	152	9.682	9.667	(1.000)	473980	50.0000	
109	1,4-Dichlorobenzene	146	9.696	9.682	(1.001)	6537390	500.000	480
110	Benzyl Chloride	91	9.975	9.968	(1.030)	6301652	500.000	500
106	n-Butylbenzene	91	10.040	10.025	(1.037)	10764792	500.000	520(A)
111	1,2-Dichlorobenzene	146	10.104	10.090	(1.044)	6028756	500.000	480
112	1,2-Dibromo-3-chloropropane	75	10.835	10.835	(1.119)	507454	500.000	500
113	Camphor	95	11.616	11.608	(1.200)	1372951	2500.00	2300
114	1,2,4-Trichlorobenzene	180	11.394	11.386	(1.177)	4288902	500.000	470
115	Hexachlorobutadiene	225	11.401	11.394	(1.178)	1576121	500.000	490
116	Naphthalene	128	11.637	11.637	(1.202)	9603148	500.000	500(A)
117	1,2,3-Trichlorobenzene	180	11.780	11.773	(1.217)	3612913	500.000	500(A)
M 120	1,2-Dichloroethene (Total)	100				5818868	1000.00	950
M 121	Xylene (Total)	100				15239208	1500.00	1500

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30261.d
Report Date: 17-Aug-2009 10:51

QC Flag Legend

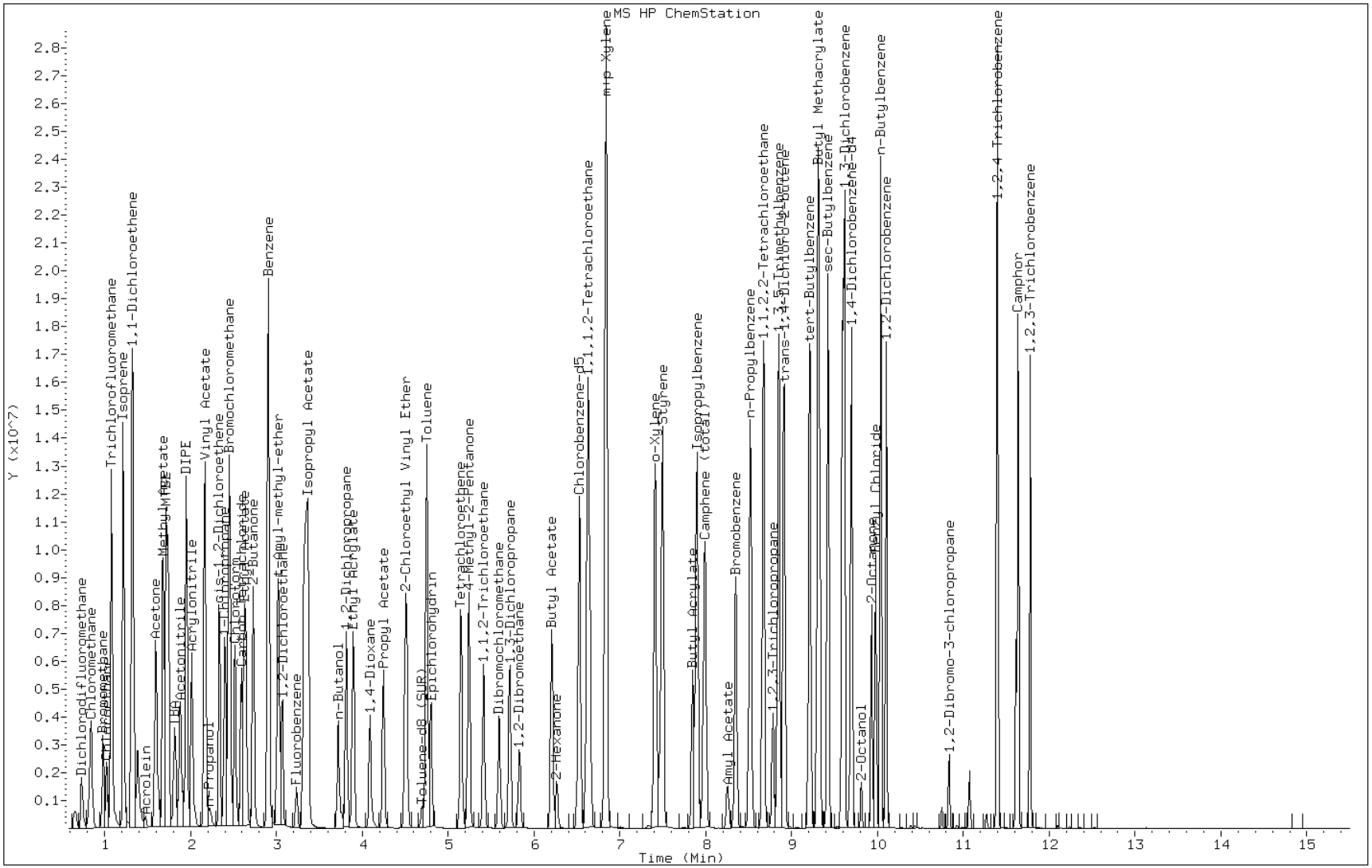
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: p30261.d

Date: 14-AUG-2009 20:32

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL6 Operator:



Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30266.d
Report Date: 17-Aug-2009 10:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30266.d
Lab Smp Id: IC-VM8CAL2
Inj Date : 14-AUG-2009 23:05
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL2
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/8260_09.m
Meth Date : 17-Aug-2009 10:51 vibha Quant Type: ISTD
Cal Date : 14-AUG-2009 23:05 Cal File: p30266.d
Als bottle: 15 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.728	(0.228)	20615	5.00000	4.8
3 Chloromethane	50	0.835	0.828	(0.259)	30657	5.00000	5.5
4 Vinyl Chloride	62	0.842	0.842	(0.261)	29364	5.00000	5.0
6 Bromomethane	94	0.979	0.978	(0.303)	20033	5.00000	6.5
5 Chloroethane	64	1.022	1.021	(0.316)	16210	5.00000	4.9
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	37695	5.00000	4.9
10 Isoprene	67	1.215	1.215	(0.376)	37485	5.00000	4.9
11 Ethyl Ether	59	1.222	1.222	(0.379)	21347	5.00000	5.1
13 Acrolein	56	1.480	1.480	(0.459)	10358	20.0000	24
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	19260	5.00000	4.8
14 Freon TF	101	1.330	1.329	(0.412)	22659	5.00000	4.6
16 Acetone	58	1.630	1.630	(0.505)	7405	15.0000	21
18 Carbon Disulfide	76	1.322	1.322	(0.410)	80752	5.00000	4.7
19 Isopropanol	45	1.580	1.580	(0.490)	563912	2000.00	2100
21 Acetonitrile	39	1.874	1.874	(0.581)	9557	100.000	94
27 Methyl Acetate	74	1.695	1.688	(0.525)	7410	5.00000	5.0

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30266.d
Report Date: 17-Aug-2009 10:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	22 Methylene Chloride	84	1.595	1.594	(0.494)	27440	5.00000	4.9
	24 TBA	59	1.810	1.809	(0.561)	41275	100.000	110
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	26029	5.00000	4.8
	26 Acrylonitrile	53	2.046	2.046	(0.634)	18174	10.0000	10
	28 MTBE	73	1.738	1.738	(0.538)	72071	5.00000	4.9
	29 Hexane	56	1.709	1.709	(0.530)	20610	5.00000	4.8
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	47605	5.00000	4.8
	32 DIPE	45	1.953	1.945	(0.605)	82406	5.00000	4.7
	34 n-Propanol	60	2.225	2.225	(0.689)	34067	2000.00	2100
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	77923	5.00000	4.8
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	41948	5.00000	5.0
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	30059	5.00000	5.1
	38 2-Butanone	72	2.741	2.733	(0.849)	8790	15.0000	13
	39 Ethyl Acetate	70	2.626	2.619	(0.814)	4376	10.0000	9.8
	40 Bromochloromethane	128	2.454	2.454	(0.760)	12499	5.00000	4.9
	41 Tetrahydrofuran	42	2.626	2.626	(0.814)	8226	5.00000	5.2
	42 Chloroform	83	2.511	2.511	(0.778)	41512	5.00000	4.8
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	35253	5.00000	4.8
	44 Cyclohexane	56	2.440	2.440	(0.756)	40960	5.00000	4.7
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	26232	5.00000	4.4
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	31423	5.00000	4.6
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	146608	50.0000	53
	48 Benzene	78	2.905	2.905	(0.447)	100629	5.00000	4.8
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	32246	5.00000	5.0
	51 n-Heptane	57	2.891	2.898	(0.896)	13363	5.00000	4.2(a)
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	61795	5.00000	4.7
	61 Isopropyl Acetate	43	3.314	3.314	(1.027)	68435	10.0000	9.6
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	1138918	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	24169	5.00000	4.8
	53 n-Butanol	56	3.751	3.751	(1.162)	88513	1000.00	1000
	56 Methyl cyclohexane	83	3.335	3.335	(1.033)	34612	5.00000	4.3
	55 Ethyl Acrylate	55	3.901	3.894	(1.209)	22508	5.00000	4.7
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	24918	5.00000	4.8
	58 Dibromomethane	93	3.715	3.715	(1.151)	13351	5.00000	4.8
	60 1,4-Dioxane	88	4.095	4.094	(1.269)	103128	2000.00	2100
	59 Methyl Methacrylate	100	4.080	4.087	(1.264)	5991	5.00000	4.9
	75 Propyl Acetate	43	4.238	4.245	(1.313)	49772	10.0000	9.5
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	30925	5.00000	4.7
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	13860	5.00000	4.7
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	38509	100.000	97
	67 cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	38404	5.00000	4.6
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	51859	15.0000	15
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	511752	50.0000	52
	66 Toluene	91	4.739	4.739	(0.729)	111757	5.00000	5.3
	64 trans-1,3-Dichloropropene	75	5.233	5.233	(0.805)	34684	5.00000	4.7
	69 1,1,2-Trichloroethane	83	5.398	5.405	(0.830)	16722	5.00000	4.8
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	23920	5.00000	4.7

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30266.d
Report Date: 17-Aug-2009 10:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	72 1,3-Dichloropropane	76	5.713	5.706	(0.879)	35485	5.00000	4.8
	73 2-Hexanone	43	6.258	6.258	(0.963)	39954	15.0000	16
	74 Dibromochloromethane	129	5.592	5.591	(0.860)	21941	5.00000	4.7
	76 Butyl Acetate	73	6.200	6.200	(0.954)	10058	10.0000	10
	77 1,2-Dibromoethane	107	5.821	5.821	(0.895)	20068	5.00000	4.9
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	801899	50.0000	
	79 Chlorobenzene	112	6.516	6.523	(1.002)	66597	5.00000	4.7
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	20403	5.00000	4.4
	81 Ethylbenzene	106	6.609	6.609	(1.017)	34608	5.00000	4.6
	82 m+p-Xylene	106	6.824	6.824	(1.050)	86115	10.0000	9.2
	84 o-Xylene	106	7.397	7.397	(1.138)	42058	5.00000	4.7
	85 Styrene	104	7.483	7.482	(1.151)	75051	5.00000	4.8
	83 Butyl Acrylate	73	7.841	7.833	(1.206)	13615	5.00000	4.6
	86 Bromoform	173	7.454	7.454	(1.147)	12577	5.00000	4.5
	88 Isopropylbenzene	105	7.877	7.876	(1.212)	99967	5.00000	4.6
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	308695	50.0000	51
	90 Camphene (total)	93	7.977	7.977	(1.227)	31093	5.00000	4.3
	91 Bromobenzene	156	8.335	8.335	(0.862)	29122	5.00000	4.8
	92 1,1,2,2-Tetrachloroethane	83	8.665	8.657	(0.896)	24981	5.00000	5.0
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	7441	5.00000	5.3
	94 trans-1,4-Dichloro-2-butene	53	8.894	8.886	(0.920)	7960	5.00000	4.9
	95 n-Propylbenzene	91	8.507	8.500	(0.880)	123417	5.00000	4.5
	96 2-Chlorotoluene	91	8.657	8.657	(0.896)	78548	5.00000	4.7
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	84652	5.00000	4.4
	98 4-Chlorotoluene	91	8.901	8.894	(0.921)	83506	5.00000	4.6
	99 Butyl Methacrylate	87	9.316	9.316	(0.964)	26021	5.00000	4.5
	100 tert-Butylbenzene	119	9.202	9.202	(0.952)	72960	5.00000	4.4
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	88090	5.00000	4.4
	102 2-Octanone	43	9.925	9.925	(1.027)	28120	5.00000	4.9
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	108681	5.00000	4.5
	104 2-Octanol	45	9.803	9.803	(1.014)	6600	5.00000	4.8(a)
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.991)	54669	5.00000	4.5
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	92860	5.00000	4.4
*	108 1,4-Dichlorobenzene-d4	152	9.667	9.667	(1.000)	433460	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.682	(1.002)	58929	5.00000	4.7
	110 Benzyl Chloride	91	9.968	9.968	(1.031)	54645	5.00000	4.7
	106 n-Butylbenzene	91	10.025	10.025	(1.037)	84455	5.00000	4.5
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.044)	53401	5.00000	4.6
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.835	(1.120)	5039	5.00000	5.0
	113 Camphor	95	11.609	11.608	(1.201)	12711	25.0000	23
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.178)	38875	5.00000	4.7
	115 Hexachlorobutadiene	225	11.394	11.394	(1.179)	13332	5.00000	4.5
	116 Naphthalene	128	11.637	11.637	(1.204)	104781	5.00000	5.5
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.218)	36703	5.00000	5.2
M	120 1,2-Dichloroethene (Total)	100				56088	10.0000	9.9
M	121 Xylene (Total)	100				128173	15.0000	14

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30266.d
Report Date: 17-Aug-2009 10:51

QC Flag Legend

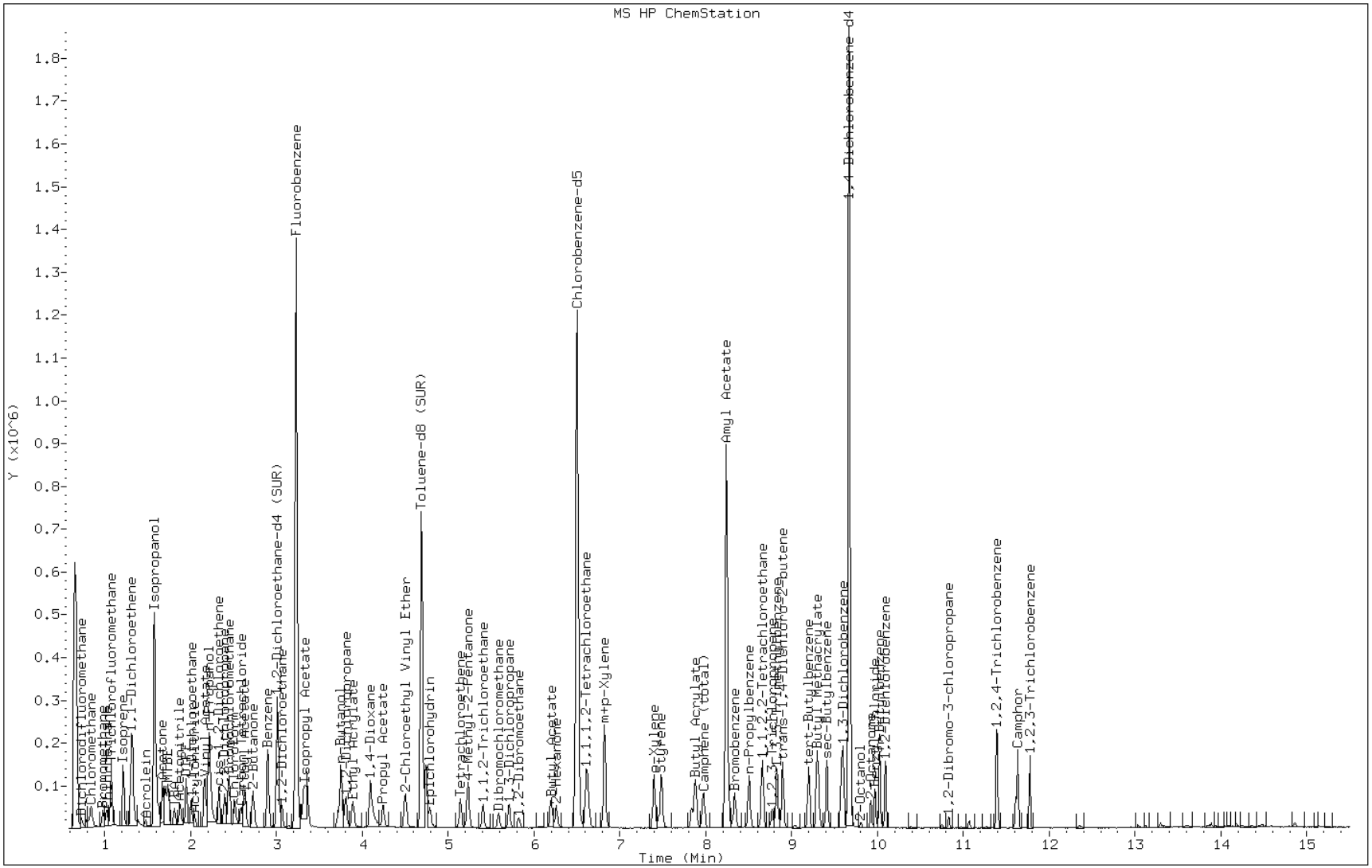
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p30266.d

Date: 14-AUG-2009 23:05

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL2 Operator:



Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30268.d
Report Date: 17-Aug-2009 10:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30268.d
Lab Smp Id: IC-VM8CAL1
Inj Date : 14-AUG-2009 23:58
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL1
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/8260_09.m
Meth Date : 17-Aug-2009 10:51 vibha Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 17 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.728	(0.225)	5270	1.00000	1.3
3 Chloromethane	50	0.828	0.828	(0.257)	6635	1.00000	1.2
4 Vinyl Chloride	62	0.842	0.842	(0.261)	6869	1.00000	1.2
6 Bromomethane	94	0.978	0.978	(0.303)	6867	1.00000	2.3
5 Chloroethane	64	1.029	1.021	(0.319)	2883	1.00000	0.89(a)
7 Trichlorofluoromethane	101	1.072	1.079	(0.332)	8258	1.00000	1.1
10 Isoprene	67	1.208	1.215	(0.374)	8305	1.00000	1.1
11 Ethyl Ether	59	1.229	1.222	(0.381)	5087	1.00000	1.2
13 Acrolein	56	1.480	1.480	(0.458)	2161	4.00000	5.1
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	4764	1.00000	1.2
14 Freon TF	101	1.329	1.329	(0.412)	5391	1.00000	1.1
16 Acetone	58	1.630	1.630	(0.505)	5473	10.0000	16
18 Carbon Disulfide	76	1.315	1.322	(0.407)	19696	1.00000	1.2
19 Isopropanol	45	1.580	1.580	(0.490)	294774	1000.00	1100
21 Acetonitrile	39	1.881	1.874	(0.583)	2422	20.0000	24
27 Methyl Acetate	74	1.695	1.688	(0.525)	1859	1.00000	1.3

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30268.d
Report Date: 17-Aug-2009 10:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	6977	1.00000	1.3
	24 TBA	59	1.816	1.809	(0.563)	10432	20.0000	28
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	6815	1.00000	1.3
	26 Acrylonitrile	53	2.046	2.046	(0.634)	4234	2.00000	2.4
	28 MTBE	73	1.738	1.738	(0.538)	15556	1.00000	1.1
	29 Hexane	56	1.709	1.709	(0.530)	4712	1.00000	1.1
	30 1,1-Dichloroethane	63	2.003	2.010	(0.620)	11827	1.00000	1.2
	32 DIPE	45	1.945	1.945	(0.603)	20176	1.00000	1.2
	34 n-Propanol	60	2.232	2.225	(0.692)	18716	1000.00	1200
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	17202	1.00000	1.1
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	10139	1.00000	1.2
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	6723	1.00000	1.2
	38 2-Butanone	72	2.741	2.733	(0.849)	5934	10.0000	9.0(a)
	39 Ethyl Acetate	70	2.626	2.619	(0.814)	917	2.00000	2.1
	40 Bromochloromethane	128	2.454	2.454	(0.760)	2947	1.00000	1.2
	41 Tetrahydrofuran	42	2.626	2.626	(0.814)	2448	1.00000	1.6
	42 Chloroform	83	2.511	2.511	(0.778)	10181	1.00000	1.2
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	8688	1.00000	1.2
	44 Cyclohexane	56	2.447	2.440	(0.758)	8522	1.00000	1.0
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	6897	1.00000	1.2
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	7954	1.00000	1.2
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	127602	50.0000	47
	48 Benzene	78	2.905	2.905	(0.447)	25299	1.00000	1.2
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	7316	1.00000	1.2
	51 n-Heptane	57	2.898	2.898	(0.898)	3972	1.00000	1.3(a)
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	13996	1.00000	1.1
	61 Isopropyl Acetate	43	3.314	3.314	(1.027)	14805	2.00000	2.1
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	1114453	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	7377	1.00000	1.5
	53 n-Butanol	56	3.758	3.751	(1.164)	42699	500.000	500
	56 Methyl cyclohexane	83	3.342	3.335	(1.036)	7839	1.00000	1.00
	55 Ethyl Acrylate	55	3.901	3.894	(1.209)	5574	1.00000	1.2
	57 1,2-Dichloropropane	63	3.815	3.808	(1.182)	6032	1.00000	1.2
	58 Dibromomethane	93	3.715	3.715	(1.151)	3152	1.00000	1.2
	60 1,4-Dioxane	88	4.102	4.094	(1.271)	54276	1000.00	1100
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	1460	1.00000	1.2
	75 Propyl Acetate	43	4.245	4.245	(1.315)	12506	2.00000	2.4
	68 Bromodichloromethane	83	3.879	3.887	(1.202)	7579	1.00000	1.2
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	3115	1.00000	1.1
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	9065	20.0000	24
	67 cis-1,3-Dichloropropene	75	4.510	4.503	(0.694)	9733	1.00000	1.2
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	36051	10.0000	11
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	451009	50.0000	47
	66 Toluene	91	4.746	4.739	(0.730)	32881	1.00000	1.6
	64 trans-1,3-Dichloropropene	75	5.240	5.233	(0.806)	8011	1.00000	1.1
	69 1,1,2-Trichloroethane	83	5.412	5.405	(0.833)	3923	1.00000	1.2
	71 Tetrachloroethene	166	5.140	5.147	(0.791)	5596	1.00000	1.1

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30268.d
Report Date: 17-Aug-2009 10:51

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	72 1,3-Dichloropropane	76	5.713	5.706	(0.879)	8420	1.00000	1.2
	73 2-Hexanone	43	6.258	6.258	(0.963)	25930	10.0000	10
	74 Dibromochloromethane	129	5.584	5.591	(0.859)	5028	1.00000	1.1
	76 Butyl Acetate	73	6.200	6.200	(0.954)	1914	2.00000	2.0
	77 1,2-Dibromoethane	107	5.821	5.821	(0.895)	4505	1.00000	1.1
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	782796	50.0000	
	79 Chlorobenzene	112	6.515	6.523	(1.002)	17248	1.00000	1.2
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	4807	1.00000	1.1
	81 Ethylbenzene	106	6.609	6.609	(1.017)	8728	1.00000	1.2
	82 m+p-Xylene	106	6.823	6.824	(1.050)	22273	2.00000	2.4
	84 o-Xylene	106	7.397	7.397	(1.138)	10409	1.00000	1.2
	85 Styrene	104	7.490	7.482	(1.152)	17113	1.00000	1.1
	83 Butyl Acrylate	73	7.826	7.833	(1.204)	3197	1.00000	1.1
	86 Bromoform	173	7.461	7.454	(1.148)	3264	1.00000	1.2
	88 Isopropylbenzene	105	7.876	7.876	(1.212)	22619	1.00000	1.1
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	275369	50.0000	46
	90 Camphene (total)	93	7.977	7.977	(1.227)	7405	1.00000	1.0
	91 Bromobenzene	156	8.335	8.335	(0.862)	7409	1.00000	1.2
	92 1,1,2,2-Tetrachloroethane	83	8.664	8.657	(0.896)	5608	1.00000	1.2
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	2140	1.00000	1.5
	94 trans-1,4-Dichloro-2-butene	53	8.894	8.886	(0.920)	1662	1.00000	1.0
	95 n-Propylbenzene	91	8.507	8.500	(0.880)	28782	1.00000	1.1
	96 2-Chlorotoluene	91	8.657	8.657	(0.896)	18997	1.00000	1.2
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	19072	1.00000	1.0
	98 4-Chlorotoluene	91	8.894	8.894	(0.920)	21640	1.00000	1.2
	99 Butyl Methacrylate	87	9.316	9.316	(0.964)	6116	1.00000	1.1
	100 tert-Butylbenzene	119	9.202	9.202	(0.952)	16790	1.00000	1.0
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	21183	1.00000	1.1
	102 2-Octanone	43	9.925	9.925	(1.027)	6116	1.00000	1.1
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	24405	1.00000	1.0
	104 2-Octanol	45	9.810	9.803	(1.015)	1429	1.00000	1.0(a)
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.991)	14488	1.00000	1.2
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	21725	1.00000	1.0
*	108 1,4-Dichlorobenzene-d4	152	9.667	9.667	(1.000)	425491	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.682	(1.002)	15237	1.00000	1.2
	110 Benzyl Chloride	91	9.975	9.968	(1.032)	12348	1.00000	1.1
	106 n-Butylbenzene	91	10.025	10.025	(1.037)	18542	1.00000	1.00
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.044)	13563	1.00000	1.2
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.835	(1.120)	1579	1.00000	1.6
	113 Camphor	95	11.608	11.608	(1.201)	3385	5.00000	6.4
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.178)	10188	1.00000	1.2
	115 Hexachlorobutadiene	225	11.393	11.394	(1.179)	3197	1.00000	1.1
	116 Naphthalene	128	11.637	11.637	(1.204)	27716	1.00000	1.5
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.218)	10448	1.00000	1.5
M	120 1,2-Dichloroethene (Total)	100				13538	2.00000	2.4
M	121 Xylene (Total)	100				32682	3.00000	3.6

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30268.d
Report Date: 17-Aug-2009 10:51

QC Flag Legend

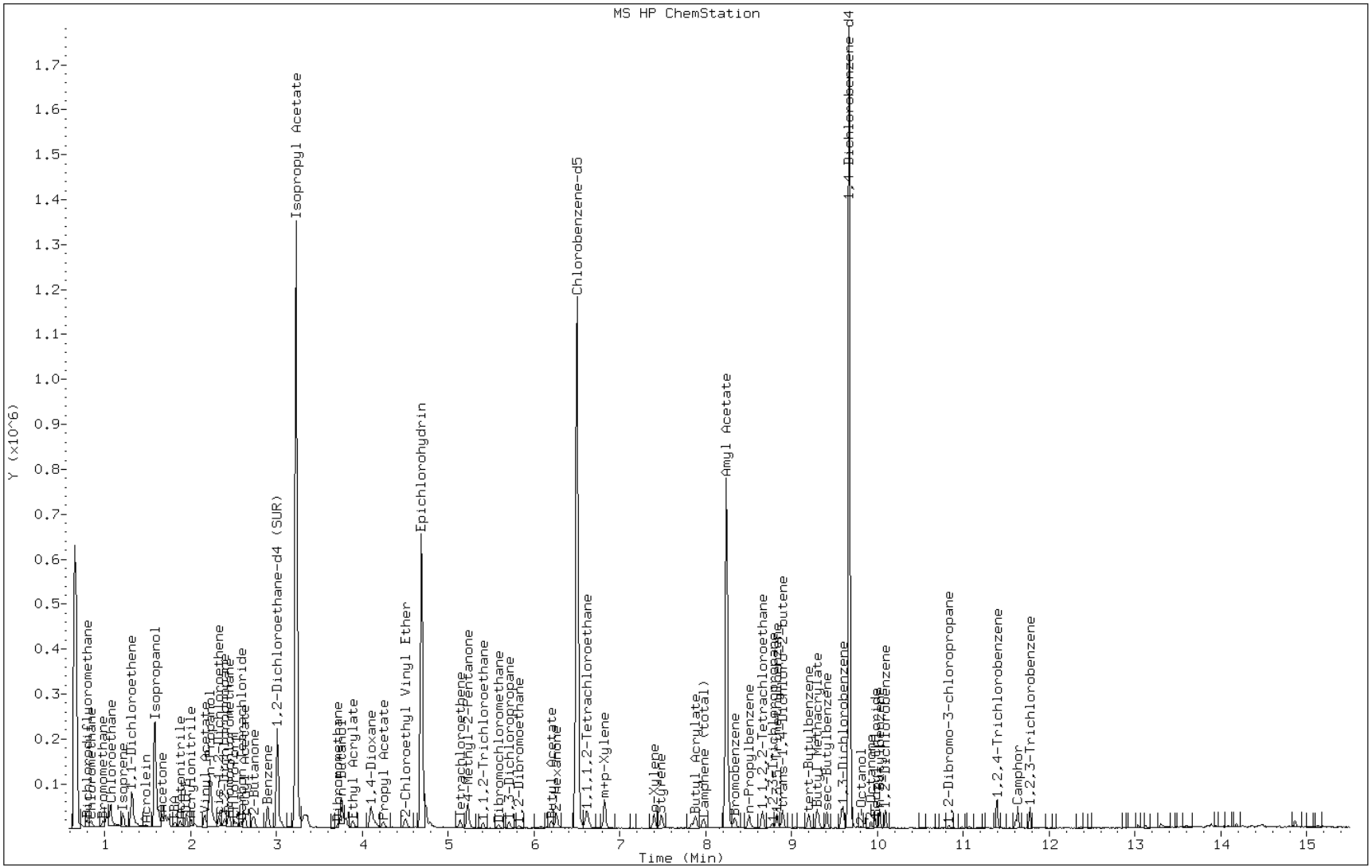
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p30268.d

Date: 14-AUG-2009 23:58

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL1 Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-15354/2	p30529.d
Level 2	IC 460-15354/3	p30530.d
Level 3	ICIS 460-15354/4	p30532.d
Level 4	IC 460-15354/5	p30533.d
Level 5	IC 460-15354/6	p30534.d
Level 6	IC 460-15354/7	p30535.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1892 0.1665	0.1998	0.1580	0.1773	0.1718	Ave		0.1771				8.6		15.0			
Chloromethane	0.2050 0.1879	0.2144	0.1850	0.2047	0.1933	Ave		0.1984			0.1000	5.8		15.0			
Vinyl chloride	0.2284 0.2158	0.2408	0.1957	0.2349	0.2241	Ave		0.2233				7.2		30.0			
Bromomethane	0.1807 0.1612	0.1380	0.1131	0.1216	0.1290	QuaF		8.4800	-1.413						1.0000		0.9900
Chloroethane	0.1613 0.1476	0.1672	0.1508	0.1618	0.1470	Ave		0.1560				5.5		15.0			
Pentane	0.0821 0.0410	0.0551	0.0499	0.0545	0.0447	LinF		0.0417							0.9972		0.9900
Propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
Trichlorofluoromethane	0.3604 0.3525	0.3987	0.3368	0.3709	0.3648	Ave		0.3640				5.7		15.0			
2-Methyl-1,3-butadiene	0.3431 0.3173	0.3111	0.3185	0.3873	0.3451	Ave		0.3371				8.4		15.0			
Ethyl ether	0.2216 0.1699	0.1813	0.1789	0.2134	0.1842	Ave		0.1916				10.9		15.0			
1,1-Dichloroethene	0.1719 0.1760	0.1637	0.1739	0.1560	0.1798	Ave		0.1702				5.2		30.0			
3-Chloro-1-propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave											
Carbon disulfide	0.7300 0.7431	0.6878	0.6952	0.8549	0.7561	Ave		0.7445				8.1		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2033 0.2169	0.2035	0.2033	0.2569	0.2259	Ave		0.2183				9.7		15.0			
2-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	0.0161 0.0158	0.0179	0.0167	0.0154	0.0172	Ave		0.0165				5.6		15.0			
Isopropyl alcohol	0.0111 0.0127	0.0112	0.0112	0.0123	0.0124	Ave		0.0118				6.2		15.0			
Methylene Chloride	0.2273 0.2248	0.2262	0.2337	0.2070	0.2258	Ave		0.2241				4.0		15.0			
Acetone	0.0196 0.0177	0.0190	0.0199	0.0210	0.0178	Ave		0.0192				6.7		15.0			
trans-1,2-Dichloroethene	0.2343 0.2298	0.2203	0.2262	0.2030	0.2272	Ave		0.2235				4.9		15.0			
Methyl acetate	0.0711 0.0700	0.0675	0.0668	0.0784	0.0706	Ave		0.0707				5.9		15.0			
Hexane	0.1841 0.1811	0.1750	0.1727	0.2151	0.1871	Ave		0.1859				8.2		15.0			
Methyl tert-butyl ether	0.6173 0.6885	0.6281	0.6535	0.8001	0.6886	Ave		0.6794				9.7		15.0			
2-Methyl-2-propanol	0.0190 0.0210	0.0199	0.0192	0.0236	0.0206	Ave		0.0206				8.2		15.0			
Acetonitrile	0.0057 0.0047	0.0042	0.0045	0.0053	0.0045	Ave		0.0048				11.6		15.0			
Isopropyl ether	0.6133 0.7245	0.6244	0.6631	0.8152	0.7078	Ave		0.6914				10.8		15.0			
1,1-Dichloroethane	0.3851 0.4070	0.3951	0.4025	0.3642	0.4047	Ave		0.3931			0.1000	4.1		15.0			
Acrylonitrile	0.0727 0.0729	0.0737	0.0685	0.0659	0.0755	Ave		0.0715				5.0		15.0			
Methylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
Tert-butyl ethyl ether	0.6606 0.7406	0.6431	0.6856	0.8411	0.7303	Ave		0.7169				10.0		15.0			
Vinyl acetate	0.2302 0.2778	0.2667	0.2436	0.3090	0.2519	Ave		0.2632				10.6		15.0			
cis-1,2-Dichloroethene	0.2526 0.2508	0.2500	0.2540	0.2270	0.2489	Ave		0.2472				4.1		15.0			
1-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
2,2-Dichloropropane	0.3532 0.3472	0.3363	0.3646	0.3165	0.3543	Ave		0.3454				4.9		15.0			
Cyclohexane	0.3803 0.3937	0.3583	0.3608	0.4482	0.3993	Ave		0.3901				8.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorobromomethane	0.1262 0.1159	0.1242	0.1239	0.1085	0.1180	Ave		0.1195				5.6		15.0			
Chloroform	0.3768 0.4060	0.3951	0.4096	0.3618	0.4073	Ave		0.3927				4.9		30.0			
Carbon tetrachloride	0.2590 0.3118	0.2779	0.2997	0.2726	0.3157	Ave		0.2895				7.9		15.0			
Tetrahydrofuran	0.0935 0.0860	0.0766	0.0803	0.1002	0.0845	Ave		0.0869				10.0		15.0			
Ethyl acetate	0.0266 0.0247	0.0197	0.0209	0.0275	0.0242	Ave		0.0239				12.9		15.0			
1,1,1-Trichloroethane	0.3254 0.3572	0.3561	0.3588	0.3231	0.3629	Ave		0.3472				5.2		15.0			
1,1-Dichloropropene	0.2685 0.3224	0.2944	0.3143	0.2840	0.3245	Ave		0.3013				7.5		15.0			
2-Butanone (MEK)	0.0229 0.0377	0.0279	0.0398	0.0401	0.0381	LinF		0.0378							0.9998		0.9900
n-Heptane	0.1220 0.1313	0.1205	0.1211	0.1540	0.1404	Ave		0.1316				10.2		15.0			
Benzene	1.1990 1.1688	1.1948	1.2383	1.0658	1.2196	Ave		1.1811				5.2		15.0			
Tert-amyl methyl ether	0.5541 0.6377	0.5260	0.5697	0.7113	0.6300	Ave		0.6048				11.2		15.0			
1,2-Dichloroethane	0.2921 0.2890	0.3033	0.3052	0.2659	0.2916	Ave		0.2912				4.8		15.0			
Isopropyl acetate	0.2606 0.3562	0.2815	0.3129	0.3933	0.3505	LinF		0.3557							0.9998		0.9900
Methylcyclohexane	0.3460 0.3814	0.3224	0.3394	0.4313	0.3916	Ave		0.3687				10.9		15.0			
Trichloroethene	0.2317 0.2308	0.2219	0.2269	0.2071	0.2358	Ave		0.2257				4.5		15.0			
Dibromomethane	0.1191 0.1257	0.1258	0.1331	0.1156	0.1294	Ave		0.1248				5.2		15.0			
n-Butanol	0.0033 0.0048	0.0036	0.0038	0.0043	0.0046	QuaF		290.95	-301.5						0.9978		0.9900
1,2-Dichloropropane	0.2064 0.2189	0.2058	0.2232	0.1929	0.2170	Ave		0.2107				5.3		30.0			
Dichlorobromomethane	0.2671 0.2994	0.2756	0.2962	0.2671	0.3013	Ave		0.2844				5.7		15.0			
Ethyl acrylate	0.1752 0.2321	0.1975	0.1982	0.2602	0.2304	Ave		0.2156				14.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl methacrylate	0.0374 0.0609	0.0534	0.0547	0.0687	0.0614	LinF		0.0610							0.9998		0.9900
1,4-Dioxane	0.0024 0.0025	0.0022	0.0023	0.0025	0.0025	Ave		0.0024				4.8		15.0			
n-Propyl acetate	0.2200 0.2572	0.2140	0.2229	0.2878	0.2538	Ave		0.2426				11.8		15.0			
2-Chloroethyl vinyl ether	0.1098 0.1418	0.1116	0.1243	0.1612	0.1418	LinF		0.1419							0.9997		0.9900
cis-1,3-Dichloropropene	0.4138 0.4788	0.4395	0.4904	0.4399	0.4796	Ave		0.4570				6.6		15.0			
Toluene	1.4976 1.3113	1.3337	1.3526	1.2032	1.2993	Ave		1.3329				7.2		30.0			
Epichlorohydrin	0.0198 0.0238	0.0215	0.0229	0.0280	0.0238	Ave		0.0233				11.8		15.0			
Tetrachloroethene	0.2667 0.3178	0.2973	0.3061	0.2862	0.3219	Ave		0.2993				6.9		15.0			
4-Methyl-2-pentanone (MIBK)	0.1765 0.2219	0.1788	0.1970	0.2543	0.2189	Ave		0.2079				14.3		15.0			
trans-1,3-Dichloropropene	0.3669 0.4523	0.4006	0.4502	0.4113	0.4536	Ave		0.4225				8.4		15.0			
1,1,2-Trichloroethane	0.1762 0.2060	0.1968	0.2076	0.1904	0.2061	Ave		0.1972				6.2		15.0			
Chlorodibromomethane	0.2422 0.2989	0.2728	0.2986	0.2677	0.2997	Ave		0.2800				8.3		15.0			
1,3-Dichloropropane	0.3617 0.4383	0.4171	0.4490	0.4013	0.4372	Ave		0.4174				7.7		15.0			
Ethylene Dibromide	0.2203 0.2550	0.2411	0.2526	0.2309	0.2550	Ave		0.2425				6.0		15.0			
n-Butyl acetate	0.0541 0.0674	0.0607	0.0595	0.0769	0.0666	Ave		0.0642				12.3		15.0			
2-Hexanone	0.1259 0.1628	0.1391	0.1599	0.1974	0.1634	LinF		0.1632							0.9994		0.9900
Chlorobenzene	0.8237 0.8602	0.8402	0.8790	0.7843	0.8557	Ave		0.8405			0.3000	4.0		15.0			
Ethylbenzene	0.3985 0.4671	0.4414	0.4724	0.4097	0.4637	Ave		0.4421				7.1		30.0			
1,1,1,2-Tetrachloroethane	0.2681 0.3017	0.2811	0.2901	0.2629	0.3003	Ave		0.2840				5.7		15.0			
m-Xylene & p-Xylene	0.5188 0.5922	0.5320	0.5726	0.5140	0.5732	Ave		0.5505				6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
o-Xylene	0.4753 0.5558	0.5163	0.5502	0.4882	0.5490	Ave		0.5225				6.6		15.0			
Bromoform	0.1355 0.1958	0.1802	0.1749	0.1640	0.1929	Ave		0.1739			0.1000	12.7		15.0			
Styrene	0.8032 0.9936	0.9069	0.9556	0.8527	0.9704	Ave		0.9137				8.1		15.0			
n-Butyl acrylate	0.1455 0.1981	0.1621	0.1736	0.2180	0.1917	Ave		0.1815				14.5		15.0			
Isopropylbenzene	1.1509 1.4368	1.2935	1.4015	1.2619	1.4148	Ave		1.3266				8.4		15.0			
Camphene	0.4033 0.4818	0.4032	0.4322	0.5430	0.4895	Ave		0.4588				12.1		15.0			
Bromobenzene	0.6796 0.6810	0.6582	0.6833	0.5954	0.6659	Ave		0.6605				5.1		15.0			
N-Propylbenzene	2.5553 3.2940	2.8614	3.0902	2.7607	3.1227	Ave		2.9474				9.2		15.0			
1,1,2,2-Tetrachloroethane	0.4798 0.5877	0.5306	0.5451	0.4933	0.5559	Ave		0.5320			0.3000	7.5		15.0			
2-Chlorotoluene	1.8000 1.9320	1.7310	1.8631	1.6316	1.8282	Ave		1.7977				5.8		15.0			
1,2,3-Trichloropropane	0.1827 0.1776	0.1506	0.1642	0.1547	0.1739	Ave		0.1673				7.7		15.0			
1,3,5-Trimethylbenzene	1.7590 2.3586	2.0139	2.2236	1.9807	2.2799	Ave		2.1026				10.7		15.0			
trans-1,4-Dichloro-2-butene	0.1932 0.1991	0.1648	0.1729	0.2189	0.1911	Ave		0.1900				10.1		15.0			
4-Chlorotoluene	1.7855 2.0773	1.9891	2.0246	1.7860	1.9753	Ave		1.9396				6.4		15.0			
tert-Butylbenzene	1.5401 2.0173	1.7655	1.9371	1.7144	1.9629	Ave		1.8229				10.0		15.0			
1,2,4-Trimethylbenzene	1.8342 2.4560	2.1573	2.3225	2.0464	2.3643	Ave		2.1968				10.5		15.0			
Butyl Methacrylate	0.5386 0.7258	0.5904	0.6341	0.7509	0.6956	Ave		0.6559				12.6		15.0			
sec-Butylbenzene	2.3551 2.9450	2.5721	2.8552	2.5353	2.8594	Ave		2.6870				8.7		15.0			
Dimethylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
1,3-Dichlorobenzene	1.1762 1.3576	1.3421	1.4001	1.1838	1.3293	Ave		1.2982				7.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Isopropyltoluene	1.8580 2.6235	2.2317	2.5034	2.2324	2.5804	Ave		2.3382				12.4		15.0			
1,4-Dichlorobenzene	1.2978 1.3768	1.3585	1.4331	1.2193	1.3641	Ave		1.3416				5.5		15.0			
2-Octanol	0.0967 0.1857	0.1227	0.1320	0.1675	0.1624	QuaF		6.5274	-0.615						0.9999		0.9900
2-Octanone	0.5156 0.7140	0.5927	0.6505	0.8058	0.7271	LinF		0.7166							0.9997		0.9900
Benzyl chloride	1.0762 1.3270	1.1590	1.2793	1.5286	1.3325	Ave		1.2838				12.2		15.0			
n-Butylbenzene	1.8092 2.2639	2.0445	2.2403	1.9942	2.2958	Ave		2.1080				9.1		15.0			
1,2-Dichlorobenzene	1.2171 1.2784	1.2862	1.3134	1.1636	1.2933	Ave		1.2587				4.5		15.0			
1,2-Dibromo-3-Chloropropane	0.1063 0.1177	0.1308	0.1233	0.1049	0.1197	Ave		0.1171				8.5		15.0			
1,2,4-Trichlorobenzene	0.8951 0.9201	0.9092	0.9652	0.8396	0.9224	Ave		0.9086				4.5		15.0			
Hexachlorobutadiene	0.2768 0.3304	0.3056	0.3533	0.3173	0.3458	Ave		0.3215				8.7		15.0			
Camphor	0.0510 0.0654	0.0573	0.0631	0.0770	0.0645	Ave		0.0630				13.8		15.0			
Naphthalene	2.0040 2.2691	2.2733	2.3446	2.0971	2.2205	Ave		2.2014				5.8		15.0			
1,2,3-Trichlorobenzene	0.8377 0.8198	0.8609	0.8602	0.7570	0.8049	Ave		0.8234				4.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1522 0.1549	0.1537	0.1500	0.1584	0.1547	Ave		0.1540				1.8		15.0			
Toluene-d8 (Surr)	0.5892 0.5872	0.5853	0.5879	0.6445	0.5989	Ave		0.5988				3.8		15.0			
4-Bromofluorobenzene	0.5630 0.5698	0.5656	0.5563	0.5900	0.5649	Ave		0.5683				2.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-15354/2	p30529.d
Level 2	IC 460-15354/3	p30530.d
Level 3	ICIS 460-15354/4	p30532.d
Level 4	IC 460-15354/5	p30533.d
Level 5	IC 460-15354/6	p30534.d
Level 6	IC 460-15354/7	p30535.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	3122 1653270	16638	53571	143266	599440	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	3383 1866237	17857	62710	165396	674478	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3769 2143495	20056	66359	189762	781926	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	2983 1601108	11488	38349	98224	450038	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2662 1466196	13926	51121	130738	512931	1.00 500	5.00	20.0	50.0	200
Pentane	FB	LinF	1355 406785	4589	16903	44041	156109	1.00 500	5.00	20.0	50.0	200
Propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Trichlorofluoromethane	FB	Ave	5948 3500871	33200	114201	299605	1272971	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	5662 3150825	25908	107980	312925	1204176	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	3657 1687155	15101	60664	172388	642904	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	2837 1748185	13635	58973	126013	627615	1.00 500	5.00	20.0	50.0	200
3-Chloro-1-propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Carbon disulfide	FB	Ave	12048 7379125	57276	235702	690640	2638704	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	3355 2154441	16948	68923	207579	788509	1.00 500	5.00	20.0	50.0	200
2-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Acrolein	FB	Ave	1066 125371	5965	11352	24888	59943	4.00 400	20.0	40.0	100	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropyl alcohol	FB	Ave	182838 1515331	372976	568211	791771	1082313	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	3751 2232916	18839	79230	167242	787947	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	3240 175553	4747	6755	16967	62067	10.0 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3866 2282384	18346	76692	164000	792975	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	1174 695227	5621	22658	63376	246225	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3039 1798870	14576	58560	173754	652861	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	10187 6837774	52303	221565	646399	2403158	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	6274 4171335	33096	130426	381818	1436781	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	1880 939507	7033	30335	85012	313147	20.0 10000	100	400	1000	4000
Isopropyl ether	FB	Ave	10121 7195054	51995	224799	658572	2470140	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6355 4041967	32899	136446	294202	1412403	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	2400 289716	12267	23212	53239	131747	2.00 200	10.0	20.0	50.0	100
Methylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Tert-butyl ethyl ether	FB	Ave	10903 7354999	53554	232427	679525	2548463	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	3799 2758435	22209	82587	249661	879193	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4169 2490439	20822	86103	183361	868522	1.00 500	5.00	20.0	50.0	200
1-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
2,2-Dichloropropane	FB	Ave	5829 3447802	28006	123622	255715	1236286	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6277 3909811	29835	122319	362058	1393394	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	2083 1151350	10342	42015	87637	411774	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6218 4031475	32899	138860	292286	1421436	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	Ave	4274 3096394	23146	101617	220224	1101781	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	1543 854509	6383	27220	80948	294750	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	877 490335	3282	14161	44512	168715	2.00 1000	10.0	40.0	100	400
1,1,1-Trichloroethane	FB	Ave	5370 3546853	29651	121634	261014	1266419	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4431 3201950	24515	106573	229395	1132408	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	LinF	3778 374763	6962	13505	32412	132817	10.0 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	2014 1304174	10037	41072	124418	490116	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	15145 9084382	75064	315020	647418	3335227	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	9145 6332900	43801	193150	574629	2198680	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4821 2869840	25254	103456	214838	1017465	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	LinF	8603 7074866	46883	212171	635436	2446049	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	5711 3787596	26852	115074	348436	1366644	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3824 2292502	18475	76934	167340	823055	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1965 1247871	10480	45130	93405	451451	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	QuaF	26992 288720	59952	96069	137832	202148	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	3406 2174241	17136	75672	155871	757139	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	4408 2972830	22950	100421	215789	1051507	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	2891 2304526	16449	67198	210205	804072	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	LinF	618 604806	4451	18546	55509	214195	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	38790 292793	73255	117420	159808	216830	1000 6000	2000	3000	4000	5000
n-Propyl acetate	FB	Ave	7262 5107453	35648	151149	464977	1771615	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloroethyl vinyl ether	FB	LinF	1812 1407948	9294	42131	130250	494843	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	5227 3721513	27609	124764	267246	1311570	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	18917 10191928	83788	344092	730862	3553139	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	5013 3701749	27033	116639	340161	1301647	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	3369 2469981	18679	77877	173864	880249	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	22300 1725002	33708	50108	154447	598707	10.0 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4634 3515593	25166	114538	249821	1240555	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2226 1601211	12361	52808	115647	563658	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	3059 2323414	17141	75959	162595	819470	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4569 3406428	26204	114230	243772	1195575	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	2783 1981802	15145	64251	140275	697446	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	1366 1047639	7631	30292	93443	364229	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	LinF	15898 1265319	26218	40680	119890	446890	10.0 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	10404 6685643	52787	223607	476445	2339996	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5034 3630613	27731	120173	248892	1268091	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3387 2345009	17660	73786	159700	821158	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	13107 9206453	66846	291328	624467	3135156	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	6004 4319688	32434	139957	296576	1501205	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1712 1522156	11320	44504	99632	527597	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	10145 7722596	56977	243089	517971	2653634	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	1838 1539723	10181	44174	132448	524133	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	CBZ	Ave	14538 11167572	81261	356519	766557	3868905	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	5094 3744862	25331	109957	329821	1338701	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	4667 2879265	22802	96189	202548	1020730	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	17549 13926963	99131	435040	939131	4786950	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	3295 2484600	18381	76737	167808	852152	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	12362 8168462	59969	262286	555036	2802615	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1255 750940	5219	23111	52625	266575	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	12080 9971895	69772	313039	673791	3495087	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1327 841992	5709	24347	74453	292993	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	12262 8782790	68910	285017	607543	3028081	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	10577 8528843	61165	272696	583204	3009001	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	12597 10383980	74738	326963	696128	3624382	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	3699 3068603	20455	89267	255433	1066332	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	16174 12451404	89108	401958	862447	4383408	1.00 500	5.00	20.0	50.0	200
Dimethylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
1,3-Dichlorobenzene	DCB	Ave	8078 5740064	46498	197111	402695	2037781	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	12760 11092100	77315	352419	759397	3955733	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	8913 5820883	47066	201745	414771	2091147	1.00 500	5.00	20.0	50.0	200
2-Octanol	DCB	QuaF	664 785086	4252	18585	56988	248895	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	3541 3018960	20534	91577	274129	1114548	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	7391 5610608	40154	180093	519981	2042700	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15354

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2009 14:42 Calibration End Date: 08/26/2009 17:14 Calibration ID: 2691

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	12425 9571450	70831	315380	678389	3519320	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	8359 5404874	44560	184898	395816	1982627	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	730 497681	4533	17357	35697	183443	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	6147 3889983	31498	135886	285625	1413981	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1901 1396860	10587	49742	107932	530149	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	1750 1381918	9923	44426	130942	494282	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	13763 9593756	78759	330065	713375	3403900	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	5753 3466230	29825	121096	257518	1233813	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	125623 153848	127982	127131	127943	134949	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	372093 456370	367734	373872	391500	409426	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	193337 240905	195937	195781	200707	216491	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30529.d
Report Date: 26-Aug-2009 20:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30529.d
Lab Smp Id: IC-VM8CAL1
Inj Date : 26-AUG-2009 14:42
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL1
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/8260_09.m
Meth Date : 26-Aug-2009 20:31 ken Quant Type: ISTD
Cal Date : 26-AUG-2009 14:42 Cal File: p30529.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

						AMOUNTS	
	QUANT SIG					CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	0.735	0.735	(0.228)	3122	1.00000	1.1
3 Chloromethane	50	0.835	0.835	(0.259)	3383	1.00000	1.0
4 Vinyl Chloride	62	0.842	0.842	(0.261)	3769	1.00000	1.0
6 Bromomethane	94	0.978	0.971	(0.303)	2983	1.00000	1.3
5 Chloroethane	64	1.021	1.021	(0.316)	2662	1.00000	1.0
7 Trichlorofluoromethane	101	1.071	1.071	(0.332)	5948	1.00000	0.99(a)
8 n-Pentane	72	1.064	1.071	(0.330)	1355	1.00000	1.5(a)
10 Isoprene	67	1.208	1.208	(0.374)	5662	1.00000	1.0
11 Ethyl Ether	59	1.222	1.222	(0.379)	3657	1.00000	1.2
13 Acrolein	56	1.480	1.480	(0.458)	1066	4.00000	3.9(a)
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	2837	1.00000	1.0
14 Freon TF	101	1.329	1.329	(0.412)	3355	1.00000	0.93(a)
16 Acetone	58	1.630	1.623	(0.505)	3240	10.0000	10
18 Carbon Disulfide	76	1.322	1.322	(0.410)	12048	1.00000	0.98(a)
19 Isopropanol	45	1.573	1.580	(0.487)	182838	1000.00	940(a)
21 Acetonitrile	39	1.874	1.874	(0.581)	1880	20.0000	24

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30529.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	27 Methyl Acetate	74	1.688	1.687	(0.523)	1174	1.00000	1.0
	22 Methylene Chloride	84	1.594	1.594	(0.494)	3751	1.00000	1.0
	24 TBA	59	1.816	1.809	(0.563)	6274	20.0000	18(a)
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	3866	1.00000	1.0
	26 Acrylonitrile	53	2.046	2.046	(0.634)	2400	2.00000	2.0
	28 MTBE	73	1.738	1.738	(0.538)	10187	1.00000	0.91(a)
	29 Hexane	56	1.709	1.709	(0.530)	3039	1.00000	0.99(a)
	30 1,1-Dichloroethane	63	2.010	2.003	(0.623)	6355	1.00000	0.98(a)
	31 Vinyl Acetate	43	2.167	2.167	(0.672)	3799	1.00000	0.87(a)
	32 DIPE	45	1.953	1.945	(0.605)	10121	1.00000	0.89(a)
	34 n-Propanol	60	2.225	2.225	(0.689)	11942	1000.00	990(a)
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	10903	1.00000	0.92(a)
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	5829	1.00000	1.0
	36 cis-1,2-Dichloroethene	96	2.325	2.332	(0.720)	4169	1.00000	1.0
	38 2-Butanone	72	2.748	2.740	(0.851)	3778	10.0000	6.6(a)
	39 Ethyl Acetate	70	2.633	2.619	(0.816)	877	2.00000	2.2
	40 Bromochloromethane	128	2.461	2.454	(0.763)	2083	1.00000	1.0
	41 Tetrahydrofuran	42	2.626	2.619	(0.814)	1543	1.00000	1.1
	42 Chloroform	83	2.511	2.511	(0.778)	6218	1.00000	0.96(a)
	43 1,1,1-Trichloroethane	97	2.633	2.640	(0.816)	5370	1.00000	0.94(a)
	44 Cyclohexane	56	2.447	2.447	(0.758)	6277	1.00000	0.98(a)
	45 Carbon Tetrachloride	117	2.583	2.590	(0.800)	4274	1.00000	0.89(a)
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	4431	1.00000	0.89(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	125623	50.0000	49
	48 Benzene	78	2.905	2.905	(0.447)	15145	1.00000	1.0
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	4821	1.00000	1.0
	51 n-Heptane	57	2.891	2.891	(0.896)	2014	1.00000	0.93(a)
	50 t-Amyl-methyl-ether	73	3.013	3.020	(0.933)	9145	1.00000	0.92(a)
	61 Isopropyl Acetate	43	3.314	3.313	(1.027)	8603	2.00000	1.6(a)
*	52 Fluorobenzene	96	3.228	3.227	(1.000)	825177	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	3824	1.00000	1.0
	53 n-Butanol	56	3.758	3.765	(1.164)	26992	500.000	400(a)
	56 Methyl cyclohexane	83	3.335	3.335	(1.033)	5711	1.00000	0.94(a)
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	2891	1.00000	0.81(a)
	57 1,2-Dichloropropane	63	3.801	3.808	(1.178)	3406	1.00000	0.98(a)
	58 Dibromomethane	93	3.715	3.715	(1.151)	1965	1.00000	0.95(a)
	60 1,4-Dioxane	88	4.109	4.101	(1.273)	38790	1000.00	990(a)
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	618	1.00000	0.67(a)
	75 Propyl Acetate	43	4.245	4.245	(1.315)	7262	2.00000	1.8(a)
	68 Bromodichloromethane	83	3.879	3.886	(1.202)	4408	1.00000	0.94(a)
	62 2-Chloroethyl Vinyl Ether	63	4.495	4.488	(1.393)	1812	1.00000	0.83(a)
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	5013	20.0000	17
	67 cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	5227	1.00000	1.1
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	22300	10.0000	8.5(a)
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	372093	50.0000	49
	66 Toluene	91	4.739	4.739	(0.729)	18917	1.00000	1.1
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	4634	1.00000	0.87(a)

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30529.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	69 1,1,2-Trichloroethane	83	5.412	5.405	(0.833)	2226	1.00000	0.89(a)
	71 Tetrachloroethene	166	5.147	5.140	(0.792)	3369	1.00000	0.89(a)
	72 1,3-Dichloropropane	76	5.706	5.706	(0.878)	4569	1.00000	0.87(a)
	73 2-Hexanone	43	6.258	6.257	(0.963)	15898	10.0000	8.0(a)
	74 Dibromochloromethane	129	5.584	5.591	(0.859)	3059	1.00000	0.86(a)
	76 Butyl Acetate	73	6.207	6.200	(0.955)	1366	2.00000	1.7(a)
	77 1,2-Dibromoethane	107	5.828	5.820	(0.896)	2783	1.00000	0.91(a)
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	631573	50.0000	
	79 Chlorobenzene	112	6.523	6.522	(1.003)	10404	1.00000	0.98(a)
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	3387	1.00000	0.94(a)
	81 Ethylbenzene	106	6.609	6.608	(1.017)	5034	1.00000	0.90(a)
	82 m+p-Xylene	106	6.823	6.823	(1.050)	13107	2.00000	1.9
	84 o-Xylene	106	7.396	7.396	(1.138)	6004	1.00000	0.91(a)
	85 Styrene	104	7.490	7.482	(1.152)	10145	1.00000	0.88(a)
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	1838	1.00000	0.80(a)
	86 Bromoform	173	7.461	7.454	(1.148)	1712	1.00000	0.78(a)
	88 Isopropylbenzene	105	7.884	7.883	(1.213)	14538	1.00000	0.87(a)
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	193337	50.0000	50
	90 Camphene (total)	93	7.970	7.977	(1.226)	5094	1.00000	0.88(a)
	91 Bromobenzene	156	8.342	8.342	(0.862)	4667	1.00000	1.0
	92 1,1,2,2-Tetrachloroethane	83	8.664	8.657	(0.896)	3295	1.00000	0.90(a)
	93 1,2,3-Trichloropropane	110	8.772	8.779	(0.907)	1255	1.00000	1.1
	94 trans-1,4-Dichloro-2-butene	53	8.894	8.886	(0.919)	1327	1.00000	1.0
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	17549	1.00000	0.87(a)
	96 2-Chlorotoluene	91	8.664	8.657	(0.896)	12362	1.00000	1.0
	97 1,3,5-Trimethylbenzene	105	8.836	8.829	(0.913)	12080	1.00000	0.84(a)
	98 4-Chlorotoluene	91	8.894	8.901	(0.919)	12262	1.00000	0.92(a)
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	3699	1.00000	0.82(a)
	100 tert-Butylbenzene	119	9.202	9.201	(0.951)	10577	1.00000	0.84(a)
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	12597	1.00000	0.83(a)
	102 2-Octanone	43	9.925	9.925	(1.026)	3541	1.00000	0.77(a)
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	16174	1.00000	0.88(a)
	104 2-Octanol	45	9.810	9.803	(1.014)	664	1.00000	0.67(a)
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	8078	1.00000	0.91(a)
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	12760	1.00000	0.79(a)
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	343386	50.0000	
	109 1,4-Dichlorobenzene	146	9.681	9.681	(1.001)	8913	1.00000	0.97(a)
	110 Benzyl Chloride	91	9.975	9.968	(1.031)	7391	1.00000	0.84(a)
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	12425	1.00000	0.86(a)
	111 1,2-Dichlorobenzene	146	10.097	10.090	(1.044)	8359	1.00000	0.97(a)
	112 1,2-Dibromo-3-chloropropane	75	10.835	10.827	(1.120)	730	1.00000	0.91(a)
	113 Camphor	95	11.608	11.608	(1.200)	1750	5.00000	4.0(a)
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	6147	1.00000	0.98(a)
	115 Hexachlorobutadiene	225	11.401	11.393	(1.178)	1901	1.00000	0.86(a)
	116 Naphthalene	128	11.637	11.637	(1.203)	13763	1.00000	0.91(a)
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	5753	1.00000	1.0
M	120 1,2-Dichloroethene (Total)	100				8035	2.00000	2.1

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30529.d
Report Date: 26-Aug-2009 20:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 121 Xylene (Total)	100				19111	3.00000	2.8(a)

QC Flag Legend

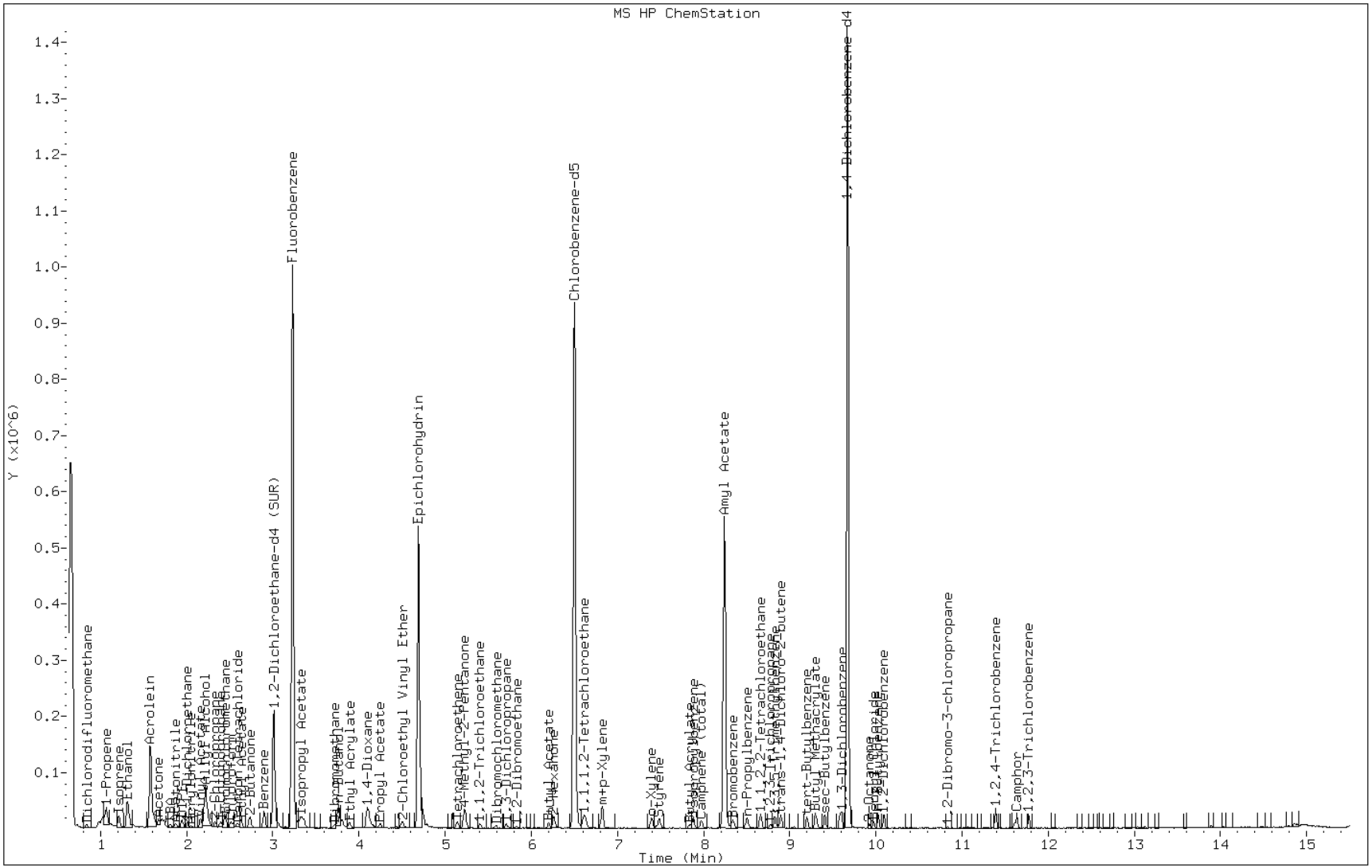
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30529.d

Date: 26-AUG-2009 14:42

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL1 Operator:



Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30530.d
Report Date: 26-Aug-2009 20:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30530.d
Lab Smp Id: IC-VM8CAL2
Inj Date : 26-AUG-2009 15:08
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL2
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/8260_09.m
Meth Date : 26-Aug-2009 20:31 ken Quant Type: ISTD
Cal Date : 26-AUG-2009 15:08 Cal File: p30530.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.735	(0.228)	16638	5.00000	5.6
3 Chloromethane	50	0.828	0.835	(0.256)	17857	5.00000	5.4
4 Vinyl Chloride	62	0.842	0.842	(0.261)	20056	5.00000	5.4
6 Bromomethane	94	0.978	0.971	(0.303)	11488	5.00000	4.9
5 Chloroethane	64	1.021	1.021	(0.316)	13926	5.00000	5.4
7 Trichlorofluoromethane	101	1.071	1.071	(0.332)	33200	5.00000	5.5
8 n-Pentane	72	1.064	1.071	(0.330)	4589	5.00000	5.0
10 Isoprene	67	1.208	1.208	(0.374)	25908	5.00000	4.6
11 Ethyl Ether	59	1.222	1.222	(0.379)	15101	5.00000	4.7
13 Acrolein	56	1.480	1.480	(0.458)	5965	20.0000	22
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	13635	5.00000	4.8
14 Freon TF	101	1.329	1.329	(0.412)	16948	5.00000	4.7
16 Acetone	58	1.630	1.623	(0.505)	4747	15.0000	15
18 Carbon Disulfide	76	1.322	1.322	(0.410)	57276	5.00000	4.6
19 Isopropanol	45	1.580	1.580	(0.490)	372976	2000.00	1900
21 Acetonitrile	39	1.874	1.874	(0.581)	7033	100.000	88

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30530.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	27 Methyl Acetate	74	1.687	1.687	(0.523)	5621	5.00000	4.8
	22 Methylene Chloride	84	1.594	1.594	(0.494)	18839	5.00000	5.0
	24 TBA	59	1.809	1.809	(0.561)	33096	100.000	97
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	18346	5.00000	4.9
	26 Acrylonitrile	53	2.046	2.046	(0.634)	12267	10.0000	10
	28 MTBE	73	1.738	1.738	(0.538)	52303	5.00000	4.6
	29 Hexane	56	1.709	1.709	(0.529)	14576	5.00000	4.7
	30 1,1-Dichloroethane	63	2.010	2.003	(0.623)	32899	5.00000	5.0
	31 Vinyl Acetate	43	2.167	2.167	(0.672)	22209	5.00000	5.1
	32 DIPE	45	1.945	1.945	(0.603)	51995	5.00000	4.5
	34 n-Propanol	60	2.225	2.225	(0.689)	23815	2000.00	2000
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	53554	5.00000	4.5
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	28006	5.00000	4.9
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	20822	5.00000	5.0
	38 2-Butanone	72	2.733	2.740	(0.847)	6962	15.0000	12
	39 Ethyl Acetate	70	2.626	2.619	(0.814)	3282	10.0000	8.2
	40 Bromochloromethane	128	2.454	2.454	(0.760)	10342	5.00000	5.2
	41 Tetrahydrofuran	42	2.626	2.619	(0.814)	6383	5.00000	4.4
	42 Chloroform	83	2.511	2.511	(0.778)	32899	5.00000	5.0
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	29651	5.00000	5.1
	44 Cyclohexane	56	2.440	2.447	(0.756)	29835	5.00000	4.6
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	23146	5.00000	4.8
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	24515	5.00000	4.9
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	127982	50.0000	50
	48 Benzene	78	2.905	2.905	(0.447)	75064	5.00000	5.0
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	25254	5.00000	5.2
	51 n-Heptane	57	2.891	2.891	(0.896)	10037	5.00000	4.6(a)
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	43801	5.00000	4.3
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	46883	10.0000	8.6
*	52 Fluorobenzene	96	3.228	3.227	(1.000)	832758	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	18475	5.00000	4.9
	53 n-Butanol	56	3.765	3.765	(1.166)	59952	1000.00	880
	56 Methyl cyclohexane	83	3.335	3.335	(1.033)	26852	5.00000	4.4
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	16449	5.00000	4.6
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	17136	5.00000	4.9
	58 Dibromomethane	93	3.715	3.715	(1.151)	10480	5.00000	5.0
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	73255	2000.00	1800
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	4451	5.00000	4.8
	75 Propyl Acetate	43	4.245	4.245	(1.315)	35648	10.0000	8.8
	68 Bromodichloromethane	83	3.886	3.886	(1.204)	22950	5.00000	4.8
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	9294	5.00000	4.2
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	27033	100.000	92
	67 cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	27609	5.00000	5.7
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	33708	15.0000	13
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	367734	50.0000	49
	66 Toluene	91	4.739	4.739	(0.729)	83788	5.00000	5.0
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	25166	5.00000	4.7

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30530.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
69	1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	12361	5.00000	5.0
71	Tetrachloroethene	166	5.140	5.140	(0.791)	18679	5.00000	5.0
72	1,3-Dichloropropane	76	5.713	5.706	(0.879)	26204	5.00000	5.0
73	2-Hexanone	43	6.265	6.257	(0.964)	26218	15.0000	13
74	Dibromochloromethane	129	5.591	5.591	(0.860)	17141	5.00000	4.9
76	Butyl Acetate	73	6.200	6.200	(0.954)	7631	10.0000	9.4
77	1,2-Dibromoethane	107	5.828	5.820	(0.896)	15145	5.00000	5.0
* 78	Chlorobenzene-d5	117	6.501	6.501	(1.000)	628248	50.0000	
79	Chlorobenzene	112	6.515	6.522	(1.002)	52787	5.00000	5.0
80	1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	17660	5.00000	4.9
81	Ethylbenzene	106	6.608	6.608	(1.017)	27731	5.00000	5.0
82	m+p-Xylene	106	6.823	6.823	(1.050)	66846	10.0000	9.7
84	o-Xylene	106	7.404	7.396	(1.139)	32434	5.00000	4.9
85	Styrene	104	7.490	7.482	(1.152)	56977	5.00000	5.0
83	Butyl Acrylate	73	7.840	7.833	(1.206)	10181	5.00000	4.5
86	Bromoform	173	7.454	7.454	(1.147)	11320	5.00000	5.2
88	Isopropylbenzene	105	7.876	7.883	(1.212)	81261	5.00000	4.9
$ 89	Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	195937	50.0000	50
90	Camphene (total)	93	7.977	7.977	(1.227)	25331	5.00000	4.4
91	Bromobenzene	156	8.342	8.342	(0.862)	22802	5.00000	5.0
92	1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	18381	5.00000	5.0
93	1,2,3-Trichloropropane	110	8.779	8.779	(0.907)	5219	5.00000	4.5
94	trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	5709	5.00000	4.3
95	n-Propylbenzene	91	8.507	8.507	(0.879)	99131	5.00000	4.8
96	2-Chlorotoluene	91	8.657	8.657	(0.895)	59969	5.00000	4.8
97	1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	69772	5.00000	4.8
98	4-Chlorotoluene	91	8.901	8.901	(0.920)	68910	5.00000	5.1
99	Butyl Methacrylate	87	9.316	9.316	(0.963)	20455	5.00000	4.5
100	tert-Butylbenzene	119	9.201	9.201	(0.951)	61165	5.00000	4.8
101	1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	74738	5.00000	4.9
102	2-Octanone	43	9.925	9.925	(1.026)	20534	5.00000	4.4
103	sec-Butylbenzene	105	9.409	9.409	(0.973)	89108	5.00000	4.8
104	2-Octanol	45	9.810	9.803	(1.014)	4252	5.00000	4.2(a)
105	1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	46498	5.00000	5.2
107	p-Isopropyltoluene	119	9.603	9.603	(0.993)	77315	5.00000	4.8
* 108	1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	346445	50.0000	
109	1,4-Dichlorobenzene	146	9.681	9.681	(1.001)	47066	5.00000	5.1
110	Benzyl Chloride	91	9.968	9.968	(1.030)	40154	5.00000	4.5
106	n-Butylbenzene	91	10.025	10.025	(1.036)	70831	5.00000	4.8
111	1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	44560	5.00000	5.1
112	1,2-Dibromo-3-chloropropane	75	10.835	10.827	(1.120)	4533	5.00000	5.6
113	Camphor	95	11.608	11.608	(1.200)	9923	25.0000	23
114	1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	31498	5.00000	5.0
115	Hexachlorobutadiene	225	11.401	11.393	(1.178)	10587	5.00000	4.8
116	Naphthalene	128	11.637	11.637	(1.203)	78759	5.00000	5.2
117	1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	29825	5.00000	5.2
M 120	1,2-Dichloroethene (Total)	100				39168	10.0000	10

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30530.d
Report Date: 26-Aug-2009 20:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 121 Xylene (Total)	100				99280	15.0000	15

QC Flag Legend

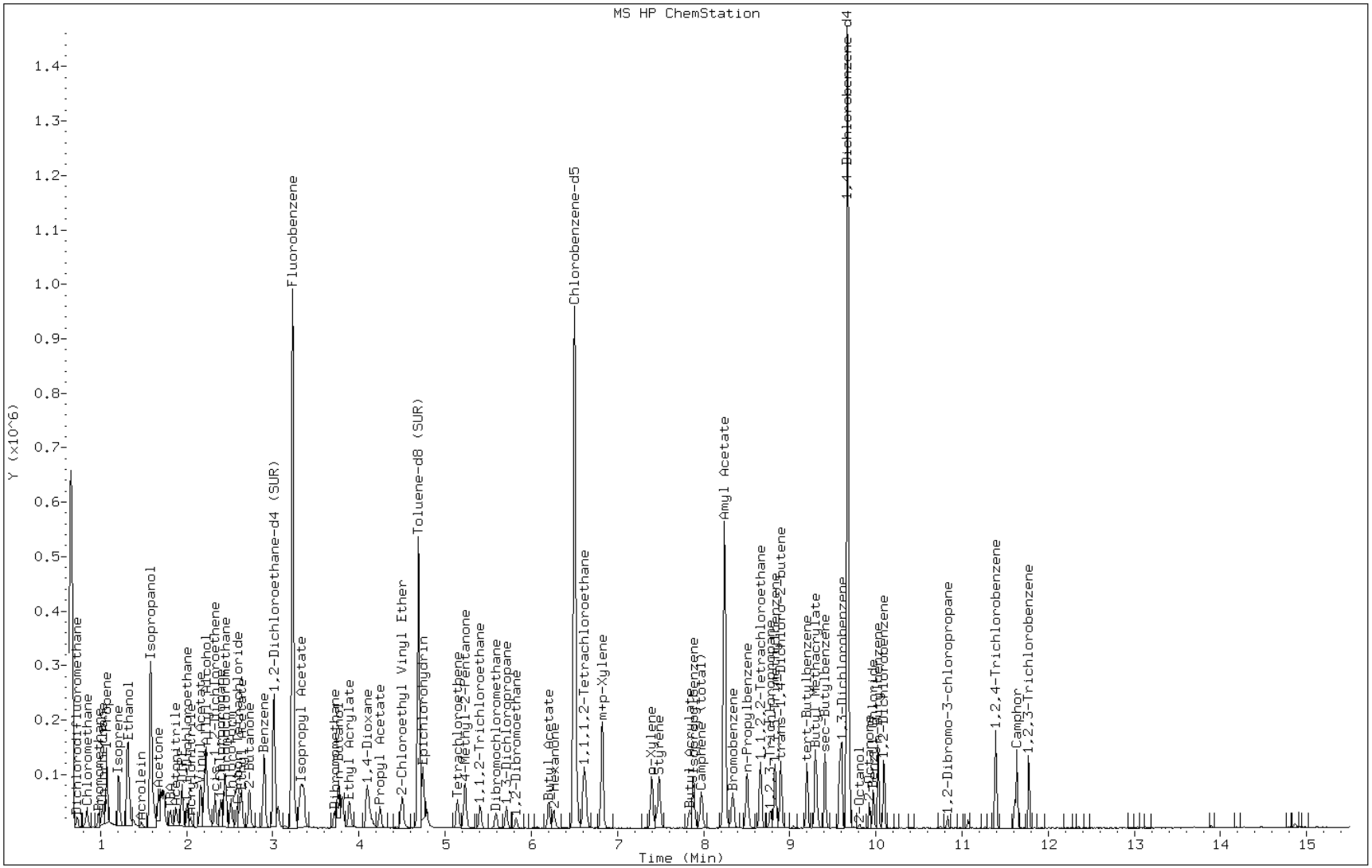
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p30530.d

Date: 26-AUG-2009 15:08

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL2 Operator:



Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30532.d
Report Date: 26-Aug-2009 20:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30532.d
Lab Smp Id: ICIS-VM8CAL3
Inj Date : 26-AUG-2009 15:58
Operator : Inst ID: VOAMS13.i
Smp Info : ICIS-VM8CAL3
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/8260_09.m
Meth Date : 26-Aug-2009 20:31 ken Quant Type: ISTD
Cal Date : 26-AUG-2009 15:58 Cal File: p30532.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.735	(0.228)	53571	20.0000	18
3 Chloromethane	50	0.835	0.835	(0.259)	62710	20.0000	19
4 Vinyl Chloride	62	0.842	0.842	(0.261)	66359	20.0000	18
6 Bromomethane	94	0.971	0.971	(0.301)	38349	20.0000	16
5 Chloroethane	64	1.021	1.021	(0.316)	51121	20.0000	19
7 Trichlorofluoromethane	101	1.071	1.071	(0.332)	114201	20.0000	18
8 n-Pentane	72	1.071	1.071	(0.332)	16903	20.0000	18
10 Isoprene	67	1.208	1.208	(0.374)	107980	20.0000	19
11 Ethyl Ether	59	1.222	1.222	(0.379)	60664	20.0000	19
13 Acrolein	56	1.480	1.480	(0.458)	11352	40.0000	40
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	58973	20.0000	20
14 Freon TF	101	1.329	1.329	(0.412)	68923	20.0000	19
16 Acetone	58	1.623	1.623	(0.503)	6755	20.0000	21
18 Carbon Disulfide	76	1.322	1.322	(0.410)	235702	20.0000	19
19 Isopropanol	45	1.580	1.580	(0.490)	568211	3000.00	2800
21 Acetonitrile	39	1.874	1.874	(0.581)	30335	400.000	370

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30532.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	27 Methyl Acetate	74	1.687	1.687	(0.523)	22658	20.0000	19
	22 Methylene Chloride	84	1.594	1.594	(0.494)	79230	20.0000	21
	24 TBA	59	1.809	1.809	(0.561)	130426	400.000	370
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	76692	20.0000	20
	26 Acrylonitrile	53	2.046	2.046	(0.634)	23212	20.0000	19
	28 MTBE	73	1.738	1.738	(0.538)	221565	20.0000	19
	29 Hexane	56	1.709	1.709	(0.529)	58560	20.0000	18
	30 1,1-Dichloroethane	63	2.003	2.003	(0.620)	136446	20.0000	20
	31 Vinyl Acetate	43	2.167	2.167	(0.672)	82587	20.0000	18
	32 DIPE	45	1.945	1.945	(0.603)	224799	20.0000	19
	34 n-Propanol	60	2.225	2.225	(0.689)	36330	3000.00	2900
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	232427	20.0000	19
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	123622	20.0000	21
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	86103	20.0000	20
	38 2-Butanone	72	2.740	2.740	(0.849)	13505	20.0000	23
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	14161	40.0000	35
	40 Bromochloromethane	128	2.454	2.454	(0.760)	42015	20.0000	21
	41 Tetrahydrofuran	42	2.619	2.619	(0.811)	27220	20.0000	18
	42 Chloroform	83	2.511	2.511	(0.778)	138860	20.0000	21
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	121634	20.0000	21
	44 Cyclohexane	56	2.447	2.447	(0.758)	122319	20.0000	18
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	101617	20.0000	21
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	106573	20.0000	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	127131	50.0000	49
	48 Benzene	78	2.905	2.905	(0.447)	315020	20.0000	21
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	103456	20.0000	21
	51 n-Heptane	57	2.891	2.891	(0.896)	41072	20.0000	18
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	193150	20.0000	19
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	212171	40.0000	38
*	52 Fluorobenzene	96	3.227	3.227	(1.000)	847568	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	76934	20.0000	20
	53 n-Butanol	56	3.765	3.765	(1.166)	96069	1500.00	1400
	56 Methyl cyclohexane	83	3.335	3.335	(1.033)	115074	20.0000	18
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	67198	20.0000	18
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	75672	20.0000	21
	58 Dibromomethane	93	3.715	3.715	(1.151)	45130	20.0000	21
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	117420	3000.00	2900
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	18546	20.0000	20
	75 Propyl Acetate	43	4.245	4.245	(1.315)	151149	40.0000	37
	68 Bromodichloromethane	83	3.886	3.886	(1.204)	100421	20.0000	21
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	42131	20.0000	19
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	116639	400.000	390
	67 cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	124764	20.0000	26
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	50108	20.0000	19
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	373872	50.0000	49
	66 Toluene	91	4.739	4.739	(0.729)	344092	20.0000	20
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	114538	20.0000	21

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30532.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
69	1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	52808	20.0000	21
71	Tetrachloroethene	166	5.140	5.140	(0.791)	77877	20.0000	20
72	1,3-Dichloropropane	76	5.706	5.706	(0.878)	114230	20.0000	22
73	2-Hexanone	43	6.257	6.257	(0.963)	40680	20.0000	20
74	Dibromochloromethane	129	5.591	5.591	(0.860)	75959	20.0000	21
76	Butyl Acetate	73	6.200	6.200	(0.954)	30292	40.0000	37
77	1,2-Dibromoethane	107	5.820	5.820	(0.895)	64251	20.0000	21
* 78	Chlorobenzene-d5	117	6.501	6.501	(1.000)	635970	50.0000	
79	Chlorobenzene	112	6.522	6.522	(1.003)	223607	20.0000	21
80	1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	73786	20.0000	20
81	Ethylbenzene	106	6.608	6.608	(1.017)	120173	20.0000	21
82	m+p-Xylene	106	6.823	6.823	(1.050)	291328	40.0000	42
84	o-Xylene	106	7.396	7.396	(1.138)	139957	20.0000	21
85	Styrene	104	7.482	7.482	(1.151)	243089	20.0000	21
83	Butyl Acrylate	73	7.833	7.833	(1.205)	44174	20.0000	19
86	Bromoform	173	7.454	7.454	(1.147)	44504	20.0000	20
88	Isopropylbenzene	105	7.883	7.883	(1.213)	356519	20.0000	21
$ 89	Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	195781	50.0000	49
90	Camphene (total)	93	7.977	7.977	(1.227)	109957	20.0000	19
91	Bromobenzene	156	8.342	8.342	(0.862)	96189	20.0000	21
92	1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	76737	20.0000	20
93	1,2,3-Trichloropropane	110	8.779	8.779	(0.907)	23111	20.0000	20
94	trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	24347	20.0000	18
95	n-Propylbenzene	91	8.507	8.507	(0.879)	435040	20.0000	21
96	2-Chlorotoluene	91	8.657	8.657	(0.895)	262286	20.0000	21
97	1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	313039	20.0000	21
98	4-Chlorotoluene	91	8.901	8.901	(0.920)	285017	20.0000	21
99	Butyl Methacrylate	87	9.316	9.316	(0.963)	89267	20.0000	19
100	tert-Butylbenzene	119	9.201	9.201	(0.951)	272696	20.0000	21
101	1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	326963	20.0000	21
102	2-Octanone	43	9.925	9.925	(1.026)	91577	20.0000	19
103	sec-Butylbenzene	105	9.409	9.409	(0.973)	401958	20.0000	21
104	2-Octanol	45	9.803	9.803	(1.013)	18585	20.0000	18
105	1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	197111	20.0000	22
107	p-Isopropyltoluene	119	9.603	9.603	(0.993)	352419	20.0000	21
* 108	1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	351947	50.0000	
109	1,4-Dichlorobenzene	146	9.681	9.681	(1.001)	201745	20.0000	21
110	Benzyl Chloride	91	9.968	9.968	(1.030)	180093	20.0000	20
106	n-Butylbenzene	91	10.025	10.025	(1.036)	315380	20.0000	21
111	1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	184898	20.0000	21
112	1,2-Dibromo-3-chloropropane	75	10.827	10.827	(1.119)	17357	20.0000	21
113	Camphor	95	11.608	11.608	(1.200)	44426	100.000	100
114	1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	135886	20.0000	21
115	Hexachlorobutadiene	225	11.393	11.393	(1.178)	49742	20.0000	22
116	Naphthalene	128	11.637	11.637	(1.203)	330065	20.0000	21
117	1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	121096	20.0000	21
M 120	1,2-Dichloroethene (Total)	100				162795	40.0000	41

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30532.d
Report Date: 26-Aug-2009 20:31

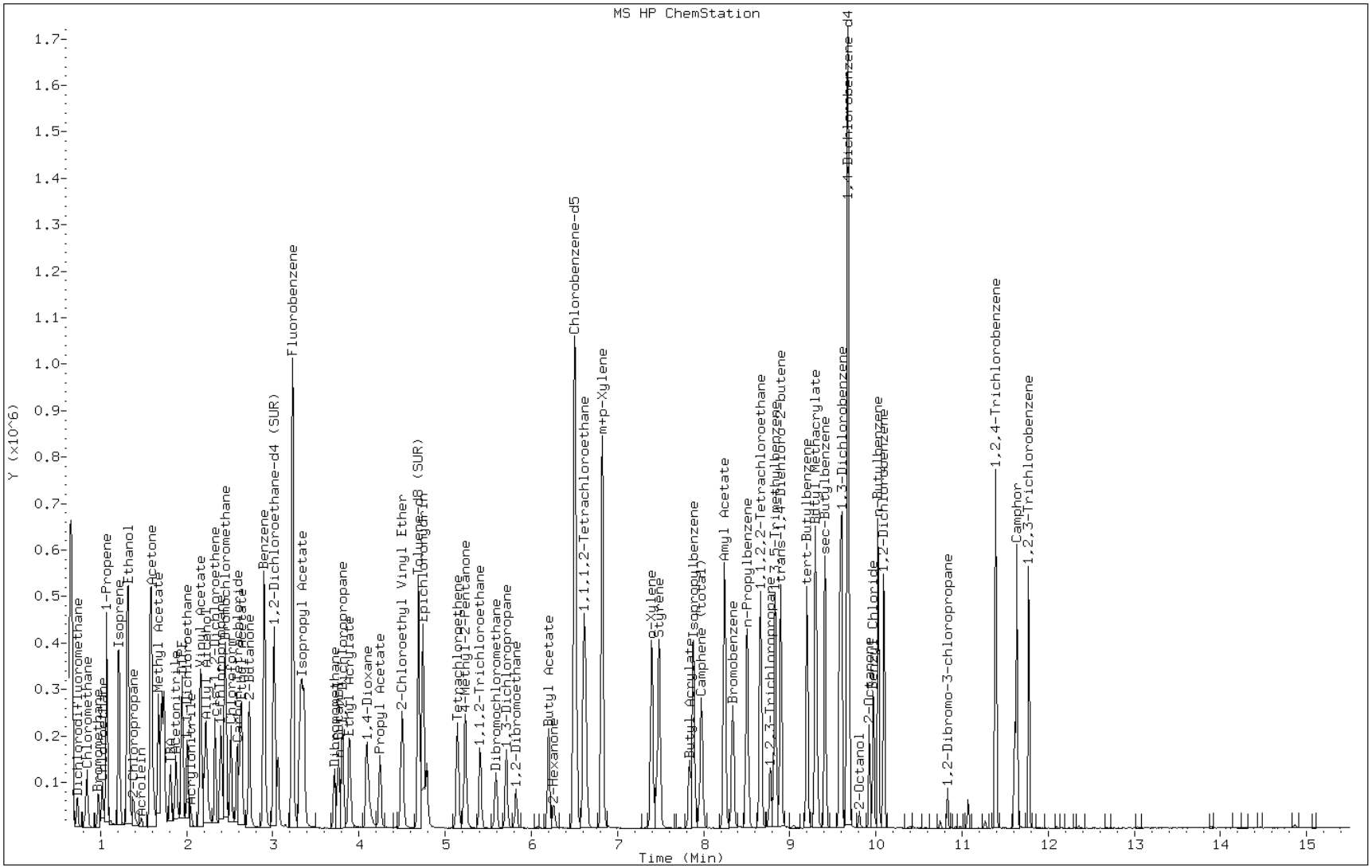
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 121 Xylene (Total)	100				431285	60.0000	63

Data File: p30532.d

Date: 26-AUG-2009 15:58

Client ID: Instrument: VOAMS13.i

Sample Info: ICIS-VM8CAL3 Operator:



Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30533.d
Report Date: 26-Aug-2009 20:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30533.d
Lab Smp Id: IC-VM8CAL4
Inj Date : 26-AUG-2009 16:24
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL4
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/8260_09.m
Meth Date : 26-Aug-2009 20:33 ken Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 8 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.735	(0.225)	143266	50.0000	50
3 Chloromethane	50	0.835	0.835	(0.259)	165396	50.0000	52
4 Vinyl Chloride	62	0.842	0.842	(0.261)	189762	50.0000	52
6 Bromomethane	94	0.978	0.971	(0.303)	98224	50.0000	43
5 Chloroethane	64	1.021	1.021	(0.316)	130738	50.0000	52
7 Trichlorofluoromethane	101	1.071	1.071	(0.332)	299605	50.0000	51
8 n-Pentane	72	1.071	1.071	(0.332)	44041	50.0000	50
10 Isoprene	67	1.208	1.208	(0.374)	312925	50.0000	57
11 Ethyl Ether	59	1.222	1.222	(0.379)	172388	50.0000	56
13 Acrolein	56	1.473	1.480	(0.456)	24888	100.000	93
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	126013	50.0000	46
14 Freon TF	101	1.329	1.329	(0.412)	207579	50.0000	59
16 Acetone	58	1.630	1.623	(0.505)	16967	50.0000	55
18 Carbon Disulfide	76	1.322	1.322	(0.410)	690640	50.0000	57
19 Isopropanol	45	1.580	1.580	(0.490)	791771	4000.00	4200
21 Acetonitrile	39	1.874	1.874	(0.581)	85012	1000.00	1100

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30533.d
Report Date: 26-Aug-2009 20:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	27 Methyl Acetate	74	1.687	1.687	(0.523)	63376	50.0000	55
	22 Methylene Chloride	84	1.594	1.594	(0.494)	167242	50.0000	46
	24 TBA	59	1.809	1.809	(0.561)	381818	1000.00	1100
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	164000	50.0000	45
	26 Acrylonitrile	53	2.046	2.046	(0.634)	53239	50.0000	46
	28 MTBE	73	1.738	1.738	(0.538)	646399	50.0000	59
	29 Hexane	56	1.709	1.709	(0.529)	173754	50.0000	58
	30 1,1-Dichloroethane	63	2.003	2.003	(0.620)	294202	50.0000	46
	31 Vinyl Acetate	43	2.167	2.167	(0.672)	249661	50.0000	59
	32 DIPE	45	1.945	1.945	(0.603)	658572	50.0000	59
	34 n-Propanol	60	2.225	2.225	(0.689)	47975	4000.00	4100
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	679525	50.0000	59
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	255715	50.0000	46
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	183361	50.0000	46
	38 2-Butanone	72	2.740	2.740	(0.849)	32412	50.0000	58
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	44512	100.000	120
	40 Bromochloromethane	128	2.454	2.454	(0.760)	87637	50.0000	45
	41 Tetrahydrofuran	42	2.619	2.619	(0.811)	80948	50.0000	58
	42 Chloroform	83	2.511	2.511	(0.778)	292286	50.0000	46
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	261014	50.0000	46
	44 Cyclohexane	56	2.447	2.447	(0.758)	362058	50.0000	57
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	220224	50.0000	47
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	229395	50.0000	47
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.005	3.013	(0.931)	127943	50.0000	51
	48 Benzene	78	2.905	2.905	(0.438)	647418	50.0000	45
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	214838	50.0000	46
	51 n-Heptane	57	2.891	2.891	(0.896)	124418	50.0000	58
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	574629	50.0000	59
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	635436	100.000	120
*	52 Fluorobenzene	96	3.228	3.227	(1.000)	807862	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	167340	50.0000	46
	53 n-Butanol	56	3.758	3.765	(1.164)	137832	2000.00	2100
	56 Methyl cyclohexane	83	3.335	3.335	(1.033)	348436	50.0000	58
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	210205	50.0000	60
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	155871	50.0000	46
	58 Dibromomethane	93	3.715	3.715	(1.151)	93405	50.0000	46
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	159808	4000.00	4200
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	55509	50.0000	61
	75 Propyl Acetate	43	4.245	4.245	(1.315)	464977	100.000	120
	68 Bromodichloromethane	83	3.886	3.886	(1.204)	215789	50.0000	47
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	130250	50.0000	61
	63 Epichlorohydrin	57	4.789	4.789	(0.722)	340161	1000.00	1200(H)
	67 cis-1,3-Dichloropropene	75	4.510	4.503	(0.679)	267246	50.0000	48(H)
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.787)	154447	50.0000	61(H)
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.706)	391500	50.0000	54(H)
	66 Toluene	91	4.739	4.739	(0.714)	730862	50.0000	45(H)
	64 trans-1,3-Dichloropropene	75	5.233	5.240	(0.788)	249821	50.0000	49(H)

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30533.d
Report Date: 26-Aug-2009 20:33

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	69	1,1,2-Trichloroethane	83	5.405	5.405	(0.814)	115647	50.0000	48(H)
	71	Tetrachloroethene	166	5.147	5.140	(0.776)	173864	50.0000	48(H)
	72	1,3-Dichloropropane	76	5.713	5.706	(0.861)	243772	50.0000	48(H)
	73	2-Hexanone	43	6.257	6.257	(0.943)	119890	50.0000	62(H)
	74	Dibromochloromethane	129	5.591	5.591	(0.842)	162595	50.0000	48(H)
	76	Butyl Acetate	73	6.200	6.200	(0.934)	93443	100.000	120(H)
	77	1,2-Dibromoethane	107	5.821	5.820	(0.877)	140275	50.0000	48(H)
*	78	Chlorobenzene-d5	117	6.501	6.501	(1.000)	607447	50.0000	(M)
	79	Chlorobenzene	112	6.522	6.522	(0.983)	476445	50.0000	47(H)
	80	1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.000)	159700	50.0000	46(H)
	81	Ethylbenzene	106	6.608	6.608	(0.996)	248892	50.0000	46(H)
	82	m+p-Xylene	106	6.823	6.823	(1.028)	624467	100.000	93(H)
	84	o-Xylene	106	7.396	7.396	(1.114)	296576	50.0000	47(H)
	85	Styrene	104	7.482	7.482	(1.127)	517971	50.0000	47(H)
	83	Butyl Acrylate	73	7.833	7.833	(1.180)	132448	50.0000	60(H)
	86	Bromoform	173	7.454	7.454	(1.123)	99632	50.0000	47(H)
	88	Isopropylbenzene	105	7.883	7.883	(1.188)	766557	50.0000	48(H)
$	89	Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	200707	50.0000	52
	90	Camphene (total)	93	7.977	7.977	(1.202)	329821	50.0000	59(H)
	91	Bromobenzene	156	8.342	8.342	(0.862)	202548	50.0000	45(H)
	92	1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	167808	50.0000	46
	93	1,2,3-Trichloropropane	110	8.772	8.779	(0.907)	52625	50.0000	46
	94	trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	74453	50.0000	58
	95	n-Propylbenzene	91	8.507	8.507	(0.879)	939131	50.0000	47
	96	2-Chlorotoluene	91	8.657	8.657	(0.895)	555036	50.0000	45
	97	1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	673791	50.0000	47
	98	4-Chlorotoluene	91	8.901	8.901	(0.920)	607543	50.0000	46
	99	Butyl Methacrylate	87	9.316	9.316	(0.963)	255433	50.0000	57
	100	tert-Butylbenzene	119	9.201	9.201	(0.951)	583204	50.0000	47
	101	1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	696128	50.0000	46
	102	2-Octanone	43	9.925	9.925	(1.026)	274129	50.0000	60
	103	sec-Butylbenzene	105	9.409	9.409	(0.973)	862447	50.0000	47
	104	2-Octanol	45	9.803	9.803	(1.013)	56988	50.0000	58
	105	1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	402695	50.0000	46
	107	p-Isopropyltoluene	119	9.603	9.603	(0.993)	759397	50.0000	48
*	108	1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	340174	50.0000	
	109	1,4-Dichlorobenzene	146	9.689	9.681	(1.001)	414771	50.0000	45
	110	Benzyl Chloride	91	9.968	9.968	(1.030)	519981	50.0000	60
	106	n-Butylbenzene	91	10.025	10.025	(1.036)	678389	50.0000	47
	111	1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	395816	50.0000	46
	112	1,2-Dibromo-3-chloropropane	75	10.827	10.827	(1.119)	35697	50.0000	45
	113	Camphor	95	11.608	11.608	(1.200)	130942	250.000	300
	114	1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	285625	50.0000	46
	115	Hexachlorobutadiene	225	11.393	11.393	(1.178)	107932	50.0000	49
	116	Naphthalene	128	11.637	11.637	(1.203)	713375	50.0000	48
	117	1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	257518	50.0000	46
M	120	1,2-Dichloroethene (Total)	100				347361	100.000	91

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30533.d
Report Date: 26-Aug-2009 20:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 121 Xylene (Total)	100				921043	150.000	140

QC Flag Legend

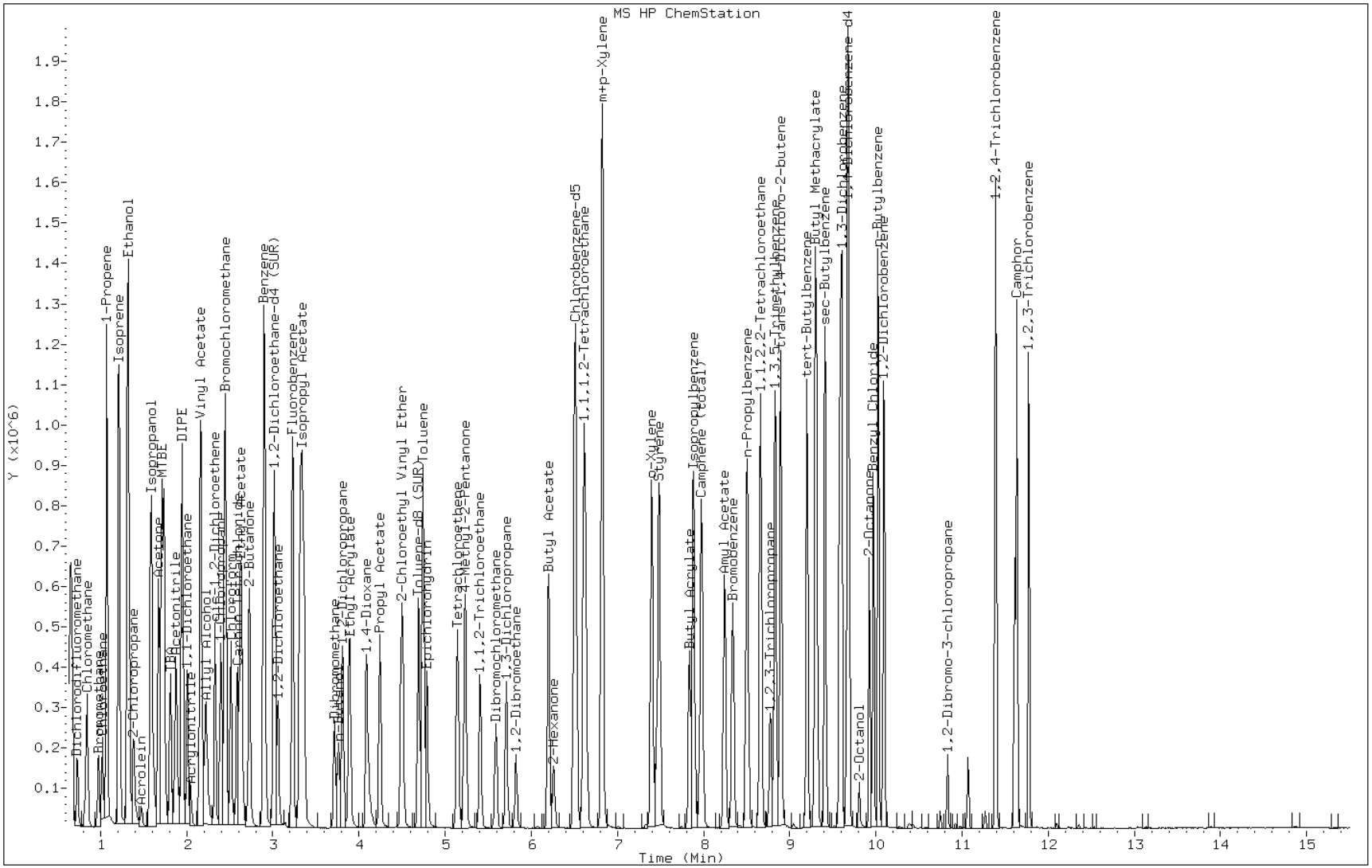
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: p30533.d

Date: 26-AUG-2009 16:24

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL4 Operator:



Manual Integration Report

Data File: p30533.d
Inj. Date and Time: 26-AUG-2009 16:24
Instrument ID: VOAMS13.i
Client ID:
Compound: 78 Chlorobenzene-d5
CAS #: 3114-55-4
Report Date: 08/26/2009

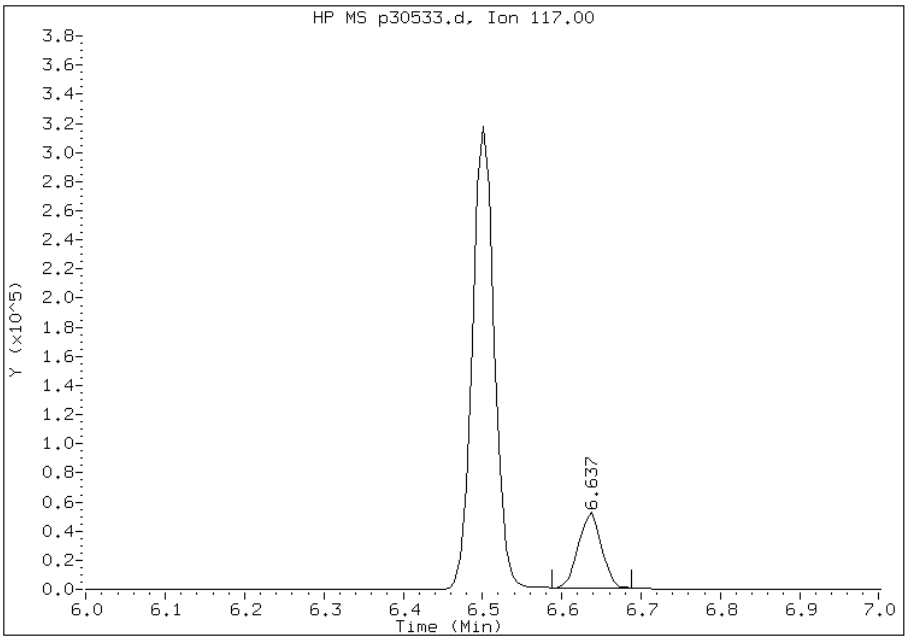
Processing Integration Results

RT: 6.64

Response: 107148

Amount: 50

Conc: 50



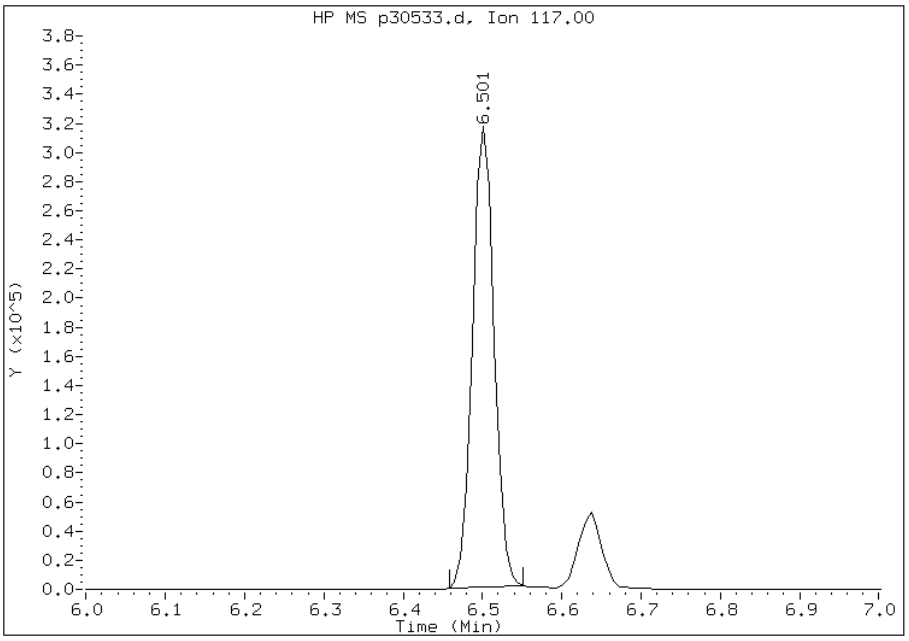
Manual Integration Results

RT: 6.50

Response: 607447

Amount: 50

Conc: 50



Manually Integrated By: ken
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30534.d
Report Date: 26-Aug-2009 20:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30534.d
Lab Smp Id: IC-VM8CAL5
Inj Date : 26-AUG-2009 16:49
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL5
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/8260_09.m
Meth Date : 26-Aug-2009 20:31 ken Quant Type: ISTD
Cal Date : 26-AUG-2009 16:49 Cal File: p30534.d
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.735	(0.227)	599440	200.000	190
3 Chloromethane	50	0.835	0.835	(0.258)	674478	200.000	190
4 Vinyl Chloride	62	0.842	0.842	(0.260)	781926	200.000	200
6 Bromomethane	94	0.978	0.971	(0.302)	450038	200.000	180
5 Chloroethane	64	1.021	1.021	(0.316)	512931	200.000	190
7 Trichlorofluoromethane	101	1.079	1.071	(0.333)	1272971	200.000	200
8 n-Pentane	72	1.072	1.071	(0.331)	156109	200.000	160
10 Isoprene	67	1.208	1.208	(0.373)	1204176	200.000	200
11 Ethyl Ether	59	1.222	1.222	(0.378)	642904	200.000	190
13 Acrolein	56	1.473	1.480	(0.455)	59943	200.000	210
15 1,1-Dichloroethene	96	1.308	1.308	(0.404)	627615	200.000	210
14 Freon TF	101	1.329	1.329	(0.411)	788509	200.000	210
16 Acetone	58	1.623	1.623	(0.502)	62067	200.000	180
18 Carbon Disulfide	76	1.322	1.322	(0.409)	2638704	200.000	200
19 Isopropanol	45	1.580	1.580	(0.488)	1082313	5000.00	5200
21 Acetonitrile	39	1.874	1.874	(0.579)	313147	4000.00	3700

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30534.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	27 Methyl Acetate	74	1.688	1.687	(0.522)	246225	200.000	200
	22 Methylene Chloride	84	1.594	1.594	(0.493)	787947	200.000	200
	24 TBA	59	1.809	1.809	(0.559)	1436781	4000.00	4000
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.517)	792975	200.000	200
	26 Acrylonitrile	53	2.046	2.046	(0.632)	131747	100.000	100
	28 MTBE	73	1.738	1.738	(0.537)	2403158	200.000	200
	29 Hexane	56	1.716	1.709	(0.531)	652861	200.000	200
	30 1,1-Dichloroethane	63	2.010	2.003	(0.621)	1412403	200.000	200
	31 Vinyl Acetate	43	2.168	2.167	(0.670)	879193	200.000	190
	32 DIPE	45	1.953	1.945	(0.604)	2470140	200.000	200
	34 n-Propanol	60	2.232	2.225	(0.690)	64235	5000.00	5000
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.668)	2548463	200.000	200
	37 2,2-Dichloropropane	77	2.397	2.397	(0.741)	1236286	200.000	200
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.721)	868522	200.000	200
	38 2-Butanone	72	2.741	2.740	(0.847)	132817	200.000	220
	39 Ethyl Acetate	70	2.619	2.619	(0.810)	168715	400.000	400
	40 Bromochloromethane	128	2.461	2.454	(0.761)	411774	200.000	200
	41 Tetrahydrofuran	42	2.619	2.619	(0.810)	294750	200.000	190
	42 Chloroform	83	2.511	2.511	(0.776)	1421436	200.000	210
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.816)	1266419	200.000	210
	44 Cyclohexane	56	2.447	2.447	(0.756)	1393394	200.000	200
	45 Carbon Tetrachloride	117	2.590	2.590	(0.801)	1101781	200.000	220
	46 1,1-Dichloropropene	75	2.726	2.726	(0.843)	1132408	200.000	220
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	134949	50.0000	50
	48 Benzene	78	2.905	2.905	(0.447)	3335227	200.000	210
	49 1,2-Dichloroethane	62	3.063	3.063	(0.947)	1017465	200.000	200
	51 n-Heptane	57	2.898	2.891	(0.896)	490116	200.000	210
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.934)	2198680	200.000	210
	61 Isopropyl Acetate	43	3.314	3.313	(1.024)	2446049	400.000	430
*	52 Fluorobenzene	96	3.235	3.227	(1.000)	872452	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.040)	823055	200.000	210
	53 n-Butanol	56	3.765	3.765	(1.164)	202148	2500.00	2800
	56 Methyl cyclohexane	83	3.342	3.335	(1.033)	1366644	200.000	210
	55 Ethyl Acrylate	55	3.901	3.901	(1.206)	804072	200.000	210
	57 1,2-Dichloropropane	63	3.815	3.808	(1.179)	757139	200.000	200
	58 Dibromomethane	93	3.715	3.715	(1.148)	451451	200.000	210
	60 1,4-Dioxane	88	4.109	4.101	(1.270)	216830	5000.00	5200
	59 Methyl Methacrylate	100	4.087	4.087	(1.264)	214195	200.000	220
	75 Propyl Acetate	43	4.245	4.245	(1.312)	1771615	400.000	420
	68 Bromodichloromethane	83	3.887	3.886	(1.202)	1051507	200.000	210
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.387)	494843	200.000	220
	63 Epichlorohydrin	57	4.796	4.789	(0.738)	1301647	4000.00	4100
	67 cis-1,3-Dichloropropene	75	4.510	4.503	(0.694)	1311570	200.000	250
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	598707	200.000	210
$	65 Toluene-d8 (SUR)	98	4.696	4.689	(0.722)	409426	50.0000	50
	66 Toluene	91	4.746	4.739	(0.730)	3553139	200.000	190
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	1240555	200.000	210

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30534.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
69	1,1,2-Trichloroethane	83	5.412	5.405	(0.833)	563658	200.000	210
71	Tetrachloroethene	166	5.147	5.140	(0.792)	880249	200.000	220
72	1,3-Dichloropropane	76	5.713	5.706	(0.879)	1195575	200.000	210
73	2-Hexanone	43	6.265	6.257	(0.964)	446890	200.000	210
74	Dibromochloromethane	129	5.591	5.591	(0.860)	819470	200.000	210
76	Butyl Acetate	73	6.200	6.200	(0.954)	364229	400.000	410
77	1,2-Dibromoethane	107	5.828	5.820	(0.896)	697446	200.000	210
* 78	Chlorobenzene-d5	117	6.501	6.501	(1.000)	683667	50.0000	
79	Chlorobenzene	112	6.523	6.522	(1.003)	2339996	200.000	200
80	1,1,1,2-Tetrachloroethane	131	6.644	6.637	(1.022)	821158	200.000	210
81	Ethylbenzene	106	6.616	6.608	(1.018)	1268091	200.000	210
82	m+p-Xylene	106	6.831	6.823	(1.051)	3135156	400.000	420
84	o-Xylene	106	7.404	7.396	(1.139)	1501205	200.000	210
85	Styrene	104	7.490	7.482	(1.152)	2653634	200.000	210
83	Butyl Acrylate	73	7.841	7.833	(1.206)	524133	200.000	210
86	Bromoform	173	7.454	7.454	(1.147)	527597	200.000	220
88	Isopropylbenzene	105	7.884	7.883	(1.213)	3868905	200.000	210
$ 89	Bromofluorobenzene (SUR)	174	8.249	8.242	(0.853)	216491	50.0000	50
90	Camphene (total)	93	7.984	7.977	(1.228)	1338701	200.000	210
91	Bromobenzene	156	8.342	8.342	(0.862)	1020730	200.000	200
92	1,1,2,2-Tetrachloroethane	83	8.664	8.657	(0.896)	852152	200.000	210
93	1,2,3-Trichloropropane	110	8.779	8.779	(0.907)	266575	200.000	210
94	trans-1,4-Dichloro-2-butene	53	8.894	8.886	(0.919)	292993	200.000	200
95	n-Propylbenzene	91	8.514	8.507	(0.880)	4786950	200.000	210
96	2-Chlorotoluene	91	8.664	8.657	(0.896)	2802615	200.000	200
97	1,3,5-Trimethylbenzene	105	8.836	8.829	(0.913)	3495087	200.000	220
98	4-Chlorotoluene	91	8.901	8.901	(0.920)	3028081	200.000	200
99	Butyl Methacrylate	87	9.316	9.316	(0.963)	1066332	200.000	210
100	tert-Butylbenzene	119	9.209	9.201	(0.952)	3009001	200.000	220
101	1,2,4-Trimethylbenzene	105	9.302	9.295	(0.961)	3624382	200.000	220
102	2-Octanone	43	9.925	9.925	(1.026)	1114548	200.000	220
103	sec-Butylbenzene	105	9.417	9.409	(0.973)	4383408	200.000	210
104	2-Octanol	45	9.803	9.803	(1.013)	248895	200.000	220
105	1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	2037781	200.000	200
107	p-Isopropyltoluene	119	9.610	9.603	(0.993)	3955733	200.000	220
* 108	1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	383242	50.0000	
109	1,4-Dichlorobenzene	146	9.689	9.681	(1.001)	2091147	200.000	200
110	Benzyl Chloride	91	9.975	9.968	(1.031)	2042700	200.000	210
106	n-Butylbenzene	91	10.033	10.025	(1.037)	3519320	200.000	220
111	1,2-Dichlorobenzene	146	10.097	10.090	(1.044)	1982627	200.000	200
112	1,2-Dibromo-3-chloropropane	75	10.835	10.827	(1.120)	183443	200.000	200
113	Camphor	95	11.608	11.608	(1.200)	494282	1000.00	1000
114	1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	1413981	200.000	200
115	Hexachlorobutadiene	225	11.401	11.393	(1.178)	530149	200.000	220
116	Naphthalene	128	11.637	11.637	(1.203)	3403900	200.000	200
117	1,2,3-Trichlorobenzene	180	11.780	11.773	(1.218)	1233813	200.000	200
M 120	1,2-Dichloroethene (Total)	100				1661497	400.000	400

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30534.d
Report Date: 26-Aug-2009 20:31

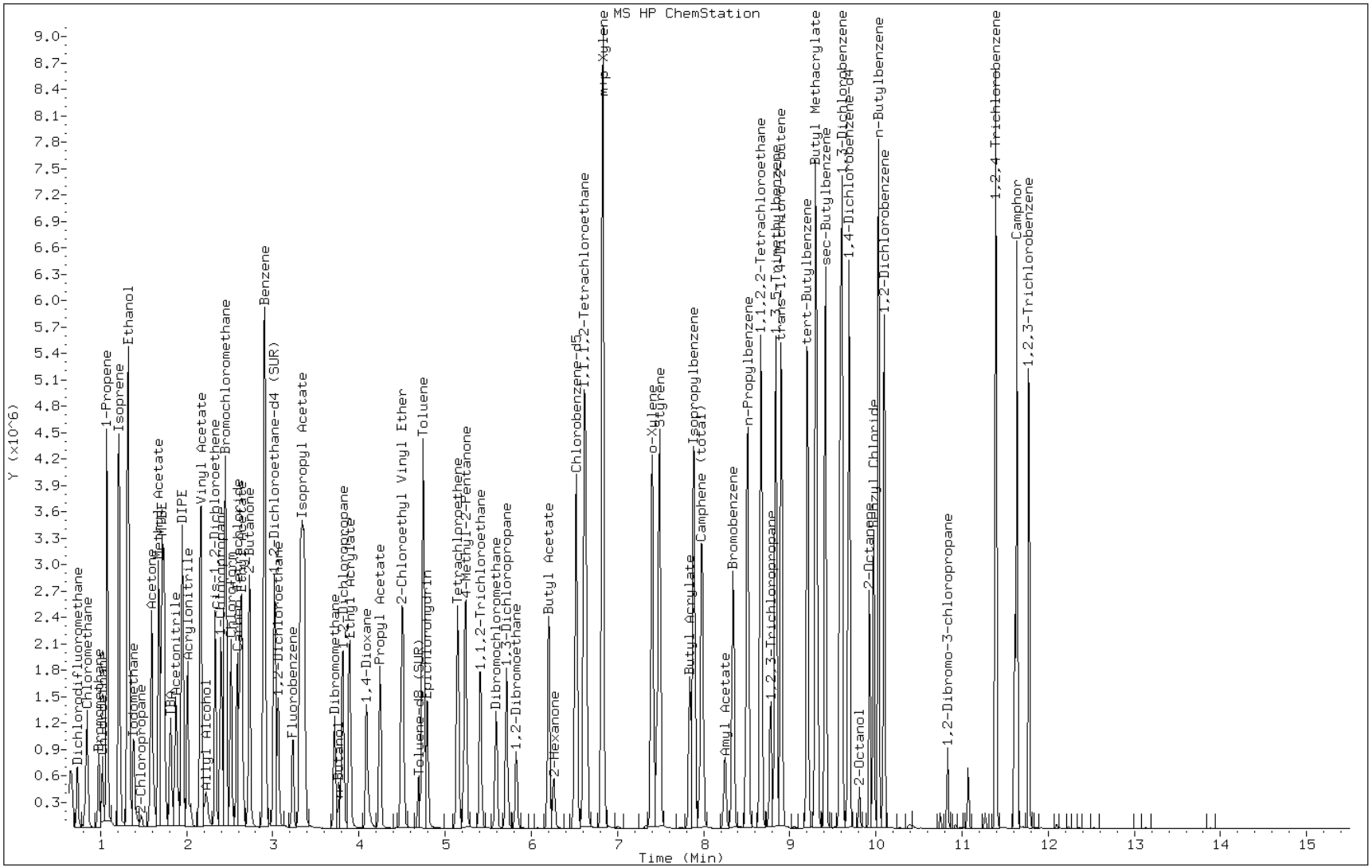
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 121 Xylene (Total)	100				4636361	600.000	630

Data File: p30534.d

Date: 26-AUG-2009 16:49

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL5 Operator:



Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30535.d
Report Date: 26-Aug-2009 20:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30535.d
Lab Smp Id: IC-VM8CAL6
Inj Date : 26-AUG-2009 17:14
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL6
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/8260_09.m
Meth Date : 26-Aug-2009 20:31 ken Quant Type: ISTD
Cal Date : 26-AUG-2009 17:14 Cal File: p30535.d
Als bottle: 10 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.735	(0.225)	1653270	500.000	470
3 Chloromethane	50	0.828	0.835	(0.256)	1866237	500.000	470
4 Vinyl Chloride	62	0.842	0.842	(0.260)	2143495	500.000	480
6 Bromomethane	94	0.978	0.971	(0.302)	1601108	500.000	570(A)
5 Chloroethane	64	1.021	1.021	(0.316)	1466196	500.000	470
7 Trichlorofluoromethane	101	1.079	1.071	(0.333)	3500871	500.000	480
8 n-Pentane	72	1.071	1.071	(0.331)	406785	500.000	380
10 Isoprene	67	1.215	1.208	(0.376)	3150825	500.000	470
11 Ethyl Ether	59	1.229	1.222	(0.380)	1687155	500.000	440
13 Acrolein	56	1.473	1.480	(0.455)	125371	400.000	380
15 1,1-Dichloroethene	96	1.315	1.308	(0.407)	1748185	500.000	520(A)
14 Freon TF	101	1.329	1.329	(0.411)	2154441	500.000	500
16 Acetone	58	1.623	1.623	(0.502)	175553	500.000	460
18 Carbon Disulfide	76	1.322	1.322	(0.409)	7379125	500.000	500
19 Isopropanol	45	1.580	1.580	(0.488)	1515331	6000.00	6500(A)
21 Acetonitrile	39	1.874	1.874	(0.579)	939507	10000.0	9800

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30535.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	27 Methyl Acetate	74	1.688	1.687	(0.522)	695227	500.000	490
	22 Methylene Chloride	84	1.594	1.594	(0.493)	2232916	500.000	500(A)
	24 TBA	59	1.824	1.809	(0.564)	4171335	10000.0	10000(A)
	25 trans-1,2-Dichloroethene	96	1.680	1.673	(0.519)	2282384	500.000	510(A)
	26 Acrylonitrile	53	2.046	2.046	(0.632)	289716	200.000	200
	28 MTBE	73	1.738	1.738	(0.537)	6837774	500.000	510(A)
	29 Hexane	56	1.716	1.709	(0.531)	1798870	500.000	490
	30 1,1-Dichloroethane	63	2.010	2.003	(0.621)	4041967	500.000	520(A)
	31 Vinyl Acetate	43	2.167	2.167	(0.670)	2758435	500.000	530(A)
	32 DIPE	45	1.953	1.945	(0.604)	7195054	500.000	520(A)
	34 n-Propanol	60	2.246	2.225	(0.694)	88134	6000.00	6100(A)
	35 t-Butyl-ethyl-ether	59	2.167	2.160	(0.670)	7354999	500.000	520(A)
	37 2,2-Dichloropropane	77	2.404	2.397	(0.743)	3447802	500.000	500(A)
	36 cis-1,2-Dichloroethene	96	2.339	2.332	(0.723)	2490439	500.000	510(A)
	38 2-Butanone	72	2.740	2.740	(0.847)	374763	500.000	550(A)
	39 Ethyl Acetate	70	2.626	2.619	(0.812)	490335	1000.00	1000(A)
	40 Bromochloromethane	128	2.461	2.454	(0.761)	1151350	500.000	480
	41 Tetrahydrofuran	42	2.626	2.619	(0.812)	854509	500.000	500
	42 Chloroform	83	2.518	2.511	(0.779)	4031475	500.000	520(A)
	43 1,1,1-Trichloroethane	97	2.647	2.640	(0.818)	3546853	500.000	510(A)
	44 Cyclohexane	56	2.447	2.447	(0.756)	3909811	500.000	500(A)
	45 Carbon Tetrachloride	117	2.590	2.590	(0.801)	3096394	500.000	540(A)
	46 1,1-Dichloropropene	75	2.733	2.726	(0.845)	3201950	500.000	530(A)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.020	3.013	(0.934)	153848	50.0000	50
	48 Benzene	78	2.912	2.905	(0.447)	9084382	500.000	490
	49 1,2-Dichloroethane	62	3.070	3.063	(0.949)	2869840	500.000	500
	51 n-Heptane	57	2.898	2.891	(0.896)	1304174	500.000	500
	50 t-Amyl-methyl-ether	73	3.027	3.020	(0.936)	6332900	500.000	530(A)
	61 Isopropyl Acetate	43	3.321	3.313	(1.027)	7074866	1000.00	1100(A)
*	52 Fluorobenzene	96	3.235	3.227	(1.000)	993083	50.0000	
	54 Trichloroethene	95	3.371	3.364	(1.042)	2292502	500.000	510(A)
	53 n-Butanol	56	3.772	3.765	(1.166)	288720	3000.00	3600(A)
	56 Methyl cyclohexane	83	3.349	3.335	(1.035)	3787596	500.000	520(A)
	55 Ethyl Acrylate	55	3.901	3.901	(1.206)	2304526	500.000	540(A)
	57 1,2-Dichloropropane	63	3.815	3.808	(1.179)	2174241	500.000	520(A)
	58 Dibromomethane	93	3.722	3.715	(1.151)	1247871	500.000	500(A)
	60 1,4-Dioxane	88	4.109	4.101	(1.270)	292793	6000.00	6200(A)
	59 Methyl Methacrylate	100	4.094	4.087	(1.266)	604806	500.000	540(A)
	75 Propyl Acetate	43	4.252	4.245	(1.314)	5107453	1000.00	1000(A)
	68 Bromodichloromethane	83	3.894	3.886	(1.204)	2972830	500.000	530(A)
	62 2-Chloroethyl Vinyl Ether	63	4.503	4.488	(1.392)	1407948	500.000	540(A)
	63 Epichlorohydrin	57	4.803	4.789	(0.737)	3701749	10000.0	10000(A)
	67 cis-1,3-Dichloropropene	75	4.517	4.503	(0.693)	3721513	500.000	620(A)
	70 4-Methyl-2-Pentanone	43	5.233	5.226	(0.803)	1725002	500.000	530(A)
$	65 Toluene-d8 (SUR)	98	4.696	4.689	(0.721)	456370	50.0000	49
	66 Toluene	91	4.753	4.739	(0.730)	10191928	500.000	490
	64 trans-1,3-Dichloropropene	75	5.248	5.240	(0.805)	3515593	500.000	540(A)

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30535.d
Report Date: 26-Aug-2009 20:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	69 1,1,2-Trichloroethane	83	5.412	5.405	(0.831)	1601211	500.000	520(A)
	71 Tetrachloroethene	166	5.154	5.140	(0.791)	2469981	500.000	530(A)
	72 1,3-Dichloropropane	76	5.720	5.706	(0.878)	3406428	500.000	520(A)
	73 2-Hexanone	43	6.272	6.257	(0.963)	1265319	500.000	510(A)
	74 Dibromochloromethane	129	5.599	5.591	(0.859)	2323414	500.000	530(A)
	76 Butyl Acetate	73	6.207	6.200	(0.953)	1047639	1000.00	1000(A)
	77 1,2-Dibromoethane	107	5.835	5.820	(0.896)	1981802	500.000	520(A)
*	78 Chlorobenzene-d5	117	6.515	6.501	(1.000)	777255	50.0000	
	79 Chlorobenzene	112	6.537	6.522	(1.003)	6685643	500.000	510(A)
	80 1,1,1,2-Tetrachloroethane	131	6.651	6.637	(1.021)	2345009	500.000	530(A)
	81 Ethylbenzene	106	6.630	6.608	(1.018)	3630613	500.000	530(A)
	82 m+p-Xylene	106	6.845	6.823	(1.051)	9206453	1000.00	1100(A)
	84 o-Xylene	106	7.418	7.396	(1.139)	4319688	500.000	530(A)
	85 Styrene	104	7.504	7.482	(1.152)	7722596	500.000	540(A)
	83 Butyl Acrylate	73	7.848	7.833	(1.204)	1539723	500.000	540(A)
	86 Bromoform	173	7.468	7.454	(1.146)	1522156	500.000	560(A)
	88 Isopropylbenzene	105	7.898	7.883	(1.212)	11167572	500.000	540(A)
$	89 Bromofluorobenzene (SUR)	174	8.256	8.242	(0.853)	240905	50.0000	50
	90 Camphene (total)	93	7.991	7.977	(1.226)	3744862	500.000	520(A)
	91 Bromobenzene	156	8.356	8.342	(0.863)	2879265	500.000	520(A)
	92 1,1,2,2-Tetrachloroethane	83	8.671	8.657	(0.896)	2484600	500.000	550(A)
	93 1,2,3-Trichloropropane	110	8.786	8.779	(0.908)	750940	500.000	530(A)
	94 trans-1,4-Dichloro-2-butene	53	8.901	8.886	(0.919)	841992	500.000	520(A)
	95 n-Propylbenzene	91	8.521	8.507	(0.880)	13926963	500.000	560(A)
	96 2-Chlorotoluene	91	8.679	8.657	(0.896)	8168462	500.000	540(A)
	97 1,3,5-Trimethylbenzene	105	8.851	8.829	(0.914)	9971895	500.000	560(A)
	98 4-Chlorotoluene	91	8.915	8.901	(0.921)	8782790	500.000	540(A)
	99 Butyl Methacrylate	87	9.330	9.316	(0.964)	3068603	500.000	550(A)
	100 tert-Butylbenzene	119	9.216	9.201	(0.952)	8528843	500.000	550(A)
	101 1,2,4-Trimethylbenzene	105	9.309	9.295	(0.962)	10383980	500.000	560(A)
	102 2-Octanone	43	9.932	9.925	(1.026)	3018960	500.000	530(A)
	103 sec-Butylbenzene	105	9.424	9.409	(0.973)	12451404	500.000	550(A)
	104 2-Octanol	45	9.810	9.803	(1.013)	785086	500.000	640(A)
	105 1,3-Dichlorobenzene	146	9.595	9.581	(0.991)	5740064	500.000	520(A)
	107 p-Isopropyltoluene	119	9.617	9.603	(0.993)	11092100	500.000	560(A)
*	108 1,4-Dichlorobenzene-d4	152	9.681	9.674	(1.000)	422795	50.0000	
	109 1,4-Dichlorobenzene	146	9.703	9.681	(1.002)	5820883	500.000	510(A)
	110 Benzyl Chloride	91	9.982	9.968	(1.031)	5610608	500.000	520(A)
	106 n-Butylbenzene	91	10.040	10.025	(1.037)	9571450	500.000	540(A)
	111 1,2-Dichlorobenzene	146	10.104	10.090	(1.044)	5404874	500.000	510(A)
	112 1,2-Dibromo-3-chloropropane	75	10.835	10.827	(1.119)	497681	500.000	500(A)
	113 Camphor	95	11.615	11.608	(1.200)	1381918	2500.00	2600(A)
	114 1,2,4-Trichlorobenzene	180	11.393	11.386	(1.177)	3889983	500.000	510(A)
	115 Hexachlorobutadiene	225	11.401	11.393	(1.178)	1396860	500.000	510(A)
	116 Naphthalene	128	11.644	11.637	(1.203)	9593756	500.000	520(A)
	117 1,2,3-Trichlorobenzene	180	11.780	11.773	(1.217)	3466230	500.000	500
M	120 1,2-Dichloroethene (Total)	100				4772823	1000.00	1000(A)

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30535.d
Report Date: 26-Aug-2009 20:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 121 Xylene (Total)	100				13526141	1500.00	1600(A)

QC Flag Legend

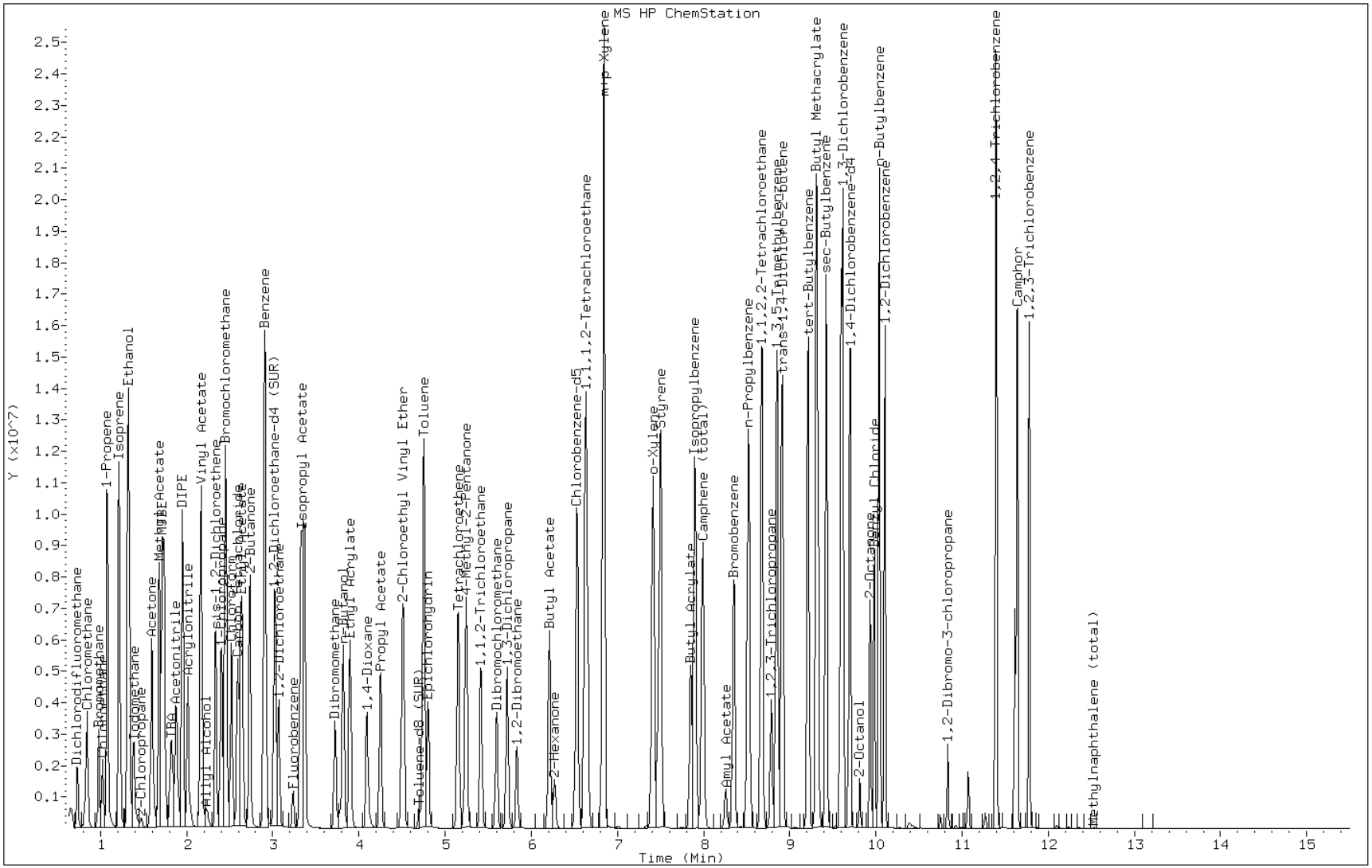
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: p30535.d

Date: 26-AUG-2009 17:14

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL6 Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-14918/2 Calibration Date: 08/21/2009 08:03

Instrument ID: VOAMS13 Calib Start Date: 08/14/2009 19:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/14/2009 23:58

Lab File ID: p30412.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1869	0.1785		19.1	20.0	-4.5	50.0
Chloromethane	Ave	0.2452	0.1856	0.1000	15.1	20.0	-24.3	50.0
Vinyl chloride	Ave	0.2573	0.2171		16.9	20.0	-15.6	20.0
Bromomethane	QuaF	0.1777	0.0944		14.0	20.0	-30.0	50.0
Chloroethane	Ave	0.1459	0.1472		20.2	20.0	0.9	50.0
Trichlorofluoromethane	Ave	0.3396	0.3201		18.9	20.0	-5.7	50.0
2-Methyl-1,3-butadiene	Ave	0.3355	0.3746		22.3	20.0	11.7	50.0
Ethyl ether	Ave	0.1849	0.1957		21.2	20.0	5.8	50.0
1,1-Dichloroethene	Ave	0.1744	0.1638		18.8	20.0	-6.1	20.0
Carbon disulfide	Ave	0.7533	0.8050		21.4	20.0	6.9	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2136	0.2553		23.9	20.0	19.6	50.0
Acrolein	QuaF	0.0195	0.0130		27.6	40.0	-31.0	99.0
Isopropyl alcohol	Ave	0.0116	0.0109		2810	3000	-6.4	50.0
Methylene Chloride	Ave	0.2445	0.2218		18.1	20.0	-9.3	50.0
Acetone	LinF	0.0190	0.0221		28.3	20.0	41.7	50.0
trans-1,2-Dichloroethene	Ave	0.2360	0.2210		18.7	20.0	-6.4	50.0
Methyl acetate	Ave	0.0652	0.0755		23.1	20.0	15.7	50.0
Hexane	Ave	0.1893	0.2131		22.5	20.0	12.6	50.0
Methyl tert-butyl ether	Ave	0.6472	0.7370		22.8	20.0	13.9	50.0
2-Methyl-2-propanol	LinF	0.0180	0.0204		487	400	21.8	50.0
Acetonitrile	Ave	0.0045	0.0048		427	400	6.9	50.0
Isopropyl ether	Ave	0.7651	0.7408		19.4	20.0	-3.2	50.0
1,1-Dichloroethane	Ave	0.4355	0.3852	0.1000	17.7	20.0	-11.6	50.0
Acrylonitrile	Ave	0.0775	0.0694		17.9	20.0	-10.5	50.0
Tert-butyl ethyl ether	Ave	0.7191	0.7612	0.0100	21.2	20.0	5.9	50.0
cis-1,2-Dichloroethene	Ave	0.2603	0.2466		18.9	20.0	-5.3	50.0
2,2-Dichloropropane	Ave	0.3669	0.3515		19.2	20.0	-4.2	50.0
Cyclohexane	Ave	0.3804	0.4560		24.0	20.0	19.9	50.0
Chlorobromomethane	Ave	0.1110	0.1182		21.3	20.0	6.5	50.0
Chloroform	Ave	0.3767	0.3876		20.6	20.0	2.9	20.0
Carbon tetrachloride	Ave	0.2608	0.2925		22.4	20.0	12.2	50.0
Ethyl acetate	Ave	0.0197	0.0251		50.9	40.0	27.3	50.0
Tetrahydrofuran	LinF	0.0776	0.0880		25.1	20.0	25.6	50.0
1,1,1-Trichloroethane	Ave	0.3202	0.3451		21.6	20.0	7.8	50.0
1,1-Dichloropropene	Ave	0.2970	0.3057		20.6	20.0	2.9	50.0
2-Butanone (MEK)	Ave	0.0296	0.0389		26.3	20.0	31.4	50.0
n-Heptane	QuaF	0.1328	0.1547		22.5	20.0	12.7	50.0
Benzene	Ave	1.314	1.142		17.4	20.0	-13.1	50.0
Tert-amyl methyl ether	Ave	0.5734	0.6468		22.6	20.0	12.8	50.0
1,2-Dichloroethane	Ave	0.2813	0.2770		19.7	20.0	-1.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-14918/2 Calibration Date: 08/21/2009 08:03

Instrument ID: VOAMS13 Calib Start Date: 08/14/2009 19:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/14/2009 23:58

Lab File ID: p30412.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.3119	0.3507		45.0	40.0	12.4	50.0
Methylcyclohexane	Ave	0.3523	0.4419		25.1	20.0	25.4	50.0
Trichloroethene	LinF	0.2358	0.2159		19.6	20.0	-2.0	50.0
Dibromomethane	Ave	0.1217	0.1240		20.4	20.0	1.9	50.0
n-Butanol	Ave	0.0038	0.0038		1500	1500	-0.2	50.0
1,2-Dichloropropane	Ave	0.2278	0.2032		17.8	20.0	-10.8	20.0
Dichlorobromomethane	Ave	0.2879	0.2869		19.9	20.0	-0.3	50.0
Ethyl acrylate	Ave	0.2092	0.2321		22.2	20.0	10.9	50.0
Methyl methacrylate	Ave	0.0538	0.0645		24.0	20.0	19.8	50.0
1,4-Dioxane	Ave	0.0022	0.0024		3260	3000	8.5	50.0
n-Propyl acetate	Ave	0.2303	0.2544		44.2	40.0	10.5	50.0
2-Chloroethyl vinyl ether	Ave	0.1290	0.1396		21.6	20.0	8.2	50.0
cis-1,3-Dichloropropene	Ave	0.5220	0.4606		17.6	20.0	-11.8	50.0
Toluene	LinF	1.466	1.292		19.5	20.0	-2.4	20.0
Epichlorohydrin	Ave	0.0246	0.0253		410	400	2.5	50.0
Tetrachloroethene	Ave	0.3140	0.3049		19.4	20.0	-2.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2123	0.2277		21.4	20.0	7.2	50.0
trans-1,3-Dichloropropene	Ave	0.4632	0.4275		18.5	20.0	-7.7	50.0
1,1,2-Trichloroethane	Ave	0.2159	0.1895		17.5	20.0	-12.3	50.0
Chlorodibromomethane	Ave	0.2900	0.2698		18.6	20.0	-7.0	50.0
1,3-Dichloropropane	Ave	0.4605	0.4115		17.9	20.0	-10.6	50.0
Ethylene Dibromide	Ave	0.2557	0.2374		18.6	20.0	-7.2	50.0
n-Butyl acetate	Ave	0.0620	0.0690		44.6	40.0	11.4	50.0
2-Hexanone	Ave	0.1589	0.1851		23.3	20.0	16.4	50.0
Chlorobenzene	Ave	0.8853	0.8270	0.3000	18.7	20.0	-6.6	50.0
Ethylbenzene	Ave	0.4656	0.4460		19.2	20.0	-4.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2867	0.2795		19.5	20.0	-2.5	50.0
m-Xylene & p-Xylene	Ave	0.5849	0.5536		37.9	40.0	-5.3	50.0
o-Xylene	Ave	0.5572	0.5231		18.8	20.0	-6.1	50.0
Bromoform	Ave	0.1753	0.1631	0.1000	18.6	20.0	-7.0	50.0
Styrene	Ave	0.9754	0.8981		18.4	20.0	-7.9	50.0
n-Butyl acrylate	Ave	0.1858	0.2001		21.5	20.0	7.7	50.0
Isopropylbenzene	Ave	1.352	1.343		19.9	20.0	-0.6	50.0
Camphene	Ave	0.4467	0.5404		24.2	20.0	21.0	50.0
Bromobenzene	Ave	0.7014	0.6479		18.5	20.0	-7.6	50.0
N-Propylbenzene	Ave	3.175	2.979		18.8	20.0	-6.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5723	0.5087	0.3000	17.8	20.0	-11.1	50.0
2-Chlorotoluene	Ave	1.934	1.762		18.2	20.0	-8.9	50.0
1,2,3-Trichloropropane	LinF	0.1772	0.1572		19.3	20.0	-3.6	50.0
1,3,5-Trimethylbenzene	Ave	2.192	2.093		19.1	20.0	-4.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1861	0.2070		22.2	20.0	11.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-14918/2 Calibration Date: 08/21/2009 08:03

Instrument ID: VOAMS13 Calib Start Date: 08/14/2009 19:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/14/2009 23:58

Lab File ID: p30412.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	2.104	1.939		18.4	20.0	-7.9	50.0
tert-Butylbenzene	Ave	1.906	1.884		19.8	20.0	-1.2	50.0
1,2,4-Trimethylbenzene	Ave	2.303	2.190		19.0	20.0	-4.9	50.0
Butyl Methacrylate	Ave	0.6698	0.7097		21.2	20.0	6.0	50.0
sec-Butylbenzene	Ave	2.802	2.763		19.7	20.0	-1.4	50.0
1,3-Dichlorobenzene	Ave	1.389	1.286		18.5	20.0	-7.4	50.0
4-Isopropyltoluene	Ave	2.456	2.426		19.8	20.0	-1.2	50.0
1,4-Dichlorobenzene	Ave	1.438	1.316		18.3	20.0	-8.5	50.0
2-Octanol	Ave	0.1588	0.1464		18.4	20.0	-7.8	50.0
2-Octanone	Ave	0.6576	0.6880		20.9	20.0	4.6	50.0
Benzyl chloride	Ave	1.343	1.494		22.3	20.0	11.3	50.0
n-Butylbenzene	Ave	2.180	2.185		20.0	20.0	0.2	50.0
1,2-Dichlorobenzene	Ave	1.323	1.242		18.8	20.0	-6.1	50.0
1,2-Dibromo-3-Chloropropane	QuaF	0.1247	0.1199		20.6	20.0	2.9	50.0
1,2,4-Trichlorobenzene	Ave	0.9554	0.8910		18.7	20.0	-6.7	50.0
Hexachlorobutadiene	Ave	0.3415	0.3517		20.6	20.0	3.0	50.0
Camphor	Ave	0.0624	0.0697		112	100	11.6	50.0
Naphthalene	QuaF	2.382	2.220		20.2	20.0	0.9	50.0
1,2,3-Trichlorobenzene	QuaF	0.8764	0.7872		19.4	20.0	-2.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1215	0.1433		59.0	50.0	18.0	50.0
Toluene-d8 (Surr)	Ave	0.6176	0.7001		56.7	50.0	13.4	50.0
4-Bromofluorobenzene	Ave	0.6966	0.8800		63.2	50.0	26.3	50.0

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30412.d
Report Date: 21-Aug-2009 08:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30412.d
Lab Smp Id: CCVIS
Inj Date : 21-AUG-2009 08:03
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.735	(0.228)	61721	20.0000	19
3 Chloromethane	50	0.835	0.835	(0.259)	64190	20.0000	15
4 Vinyl Chloride	62	0.842	0.842	(0.261)	75102	20.0000	17
6 Bromomethane	94	0.978	0.978	(0.303)	32648	20.0000	14
5 Chloroethane	64	1.029	1.029	(0.319)	50910	20.0000	20
7 Trichlorofluoromethane	101	1.086	1.086	(0.336)	110725	20.0000	19
10 Isoprene	67	1.215	1.215	(0.376)	129580	20.0000	22
11 Ethyl Ether	59	1.222	1.222	(0.379)	67676	20.0000	21
13 Acrolein	56	1.480	1.480	(0.458)	8987	40.0000	28
15 1,1-Dichloroethene	96	1.315	1.315	(0.407)	56662	20.0000	19
14 Freon TF	101	1.329	1.329	(0.412)	88309	20.0000	24
16 Acetone	58	1.630	1.630	(0.505)	7640	20.0000	28
18 Carbon Disulfide	76	1.322	1.322	(0.410)	278429	20.0000	21
19 Isopropanol	45	1.573	1.573	(0.487)	564060	3000.00	2800
21 Acetonitrile	39	1.874	1.874	(0.581)	32965	400.000	430
27 Methyl Acetate	74	1.688	1.688	(0.523)	26111	20.0000	23

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30412.d
Report Date: 21-Aug-2009 08:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	76727	20.0000	18
	24 TBA	59	1.809	1.809	(0.561)	141238	400.000	490
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	76441	20.0000	19
	26 Acrylonitrile	53	2.046	2.046	(0.634)	24004	20.0000	18
	28 MTBE	73	1.738	1.738	(0.538)	254924	20.0000	23
	29 Hexane	56	1.716	1.716	(0.532)	73705	20.0000	22
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	133233	20.0000	18
	32 DIPE	45	1.953	1.953	(0.605)	256242	20.0000	19
	34 n-Propanol	60	2.225	2.225	(0.689)	35493	3000.00	2800
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	263293	20.0000	21
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	121578	20.0000	19
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	85305	20.0000	19
	38 2-Butanone	72	2.741	2.741	(0.849)	13436	20.0000	26
	39 Ethyl Acetate	70	2.626	2.626	(0.814)	17337	40.0000	51
	40 Bromochloromethane	128	2.461	2.461	(0.763)	40891	20.0000	21
	41 Tetrahydrofuran	42	2.626	2.626	(0.814)	30439	20.0000	25
	42 Chloroform	83	2.511	2.511	(0.778)	134069	20.0000	20
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	119351	20.0000	22
	44 Cyclohexane	56	2.447	2.447	(0.758)	157706	20.0000	24
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	101171	20.0000	22
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	105732	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	123941	50.0000	59
	48 Benzene	78	2.905	2.905	(0.447)	299150	20.0000	17
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	95799	20.0000	20
	51 n-Heptane	57	2.898	2.898	(0.898)	53521	20.0000	22
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	223722	20.0000	22
	61 Isopropyl Acetate	43	3.314	3.314	(1.027)	242620	40.0000	45
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	864697	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	74666	20.0000	20
	53 n-Butanol	56	3.751	3.751	(1.162)	99672	1500.00	1500
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	152831	20.0000	25
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	80266	20.0000	22
	57 1,2-Dichloropropane	63	3.815	3.815	(1.182)	70279	20.0000	18
	58 Dibromomethane	93	3.715	3.715	(1.151)	42888	20.0000	20
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	122140	3000.00	3300
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	22311	20.0000	24
	75 Propyl Acetate	43	4.245	4.245	(1.315)	175949	40.0000	44
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	99216	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	48270	20.0000	22
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	132306	400.000	410
	67 cis-1,3-Dichloropropene	75	4.510	4.510	(0.694)	120647	20.0000	18
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	59633	20.0000	21
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	458457	50.0000	57
	66 Toluene	91	4.746	4.746	(0.730)	338435	20.0000	20
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	111974	20.0000	18
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	49622	20.0000	18
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	79849	20.0000	19

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30412.d
Report Date: 21-Aug-2009 08:28

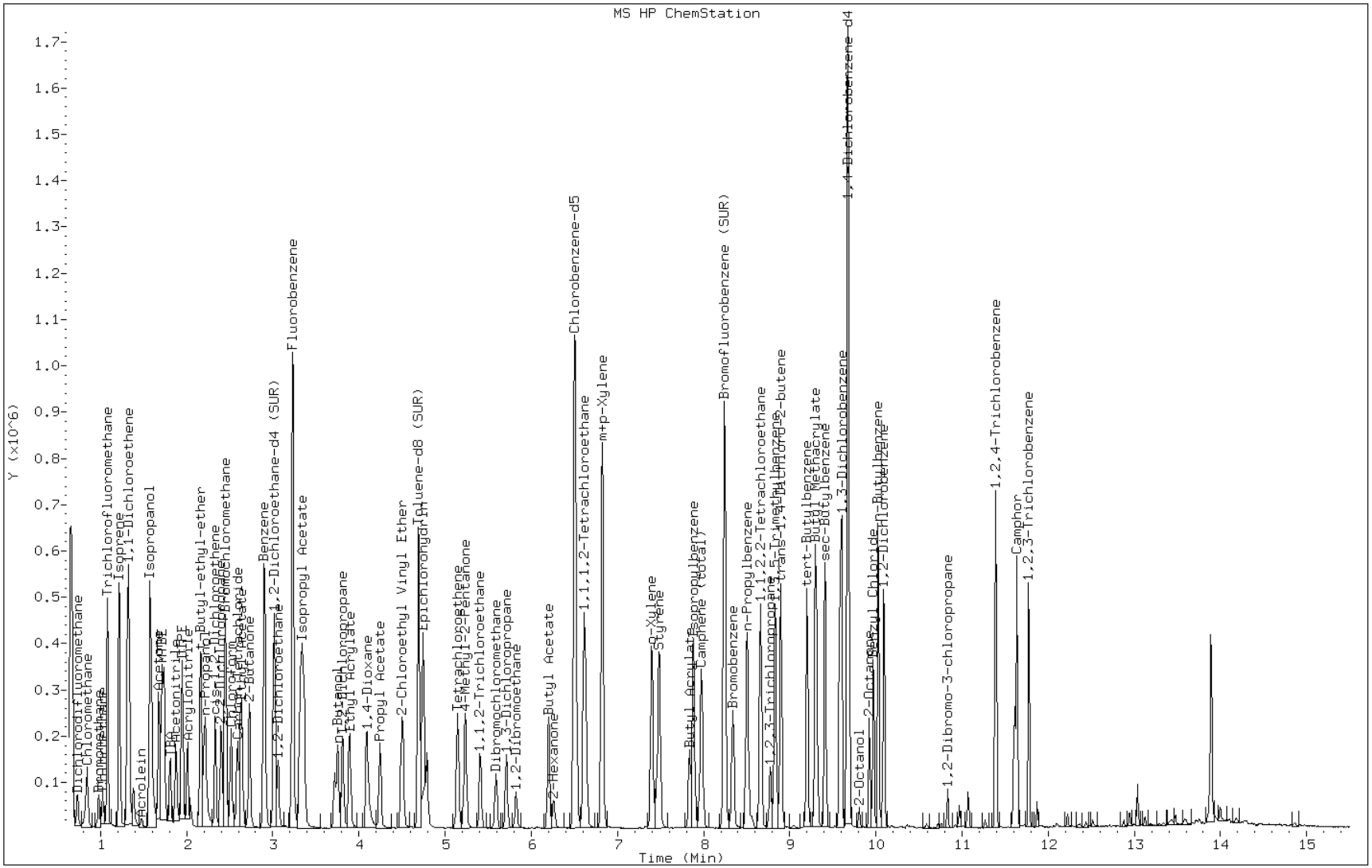
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	107780	20.0000	18
	73 2-Hexanone	43	6.258	6.258	(0.963)	48470	20.0000	23
	74 Dibromochloromethane	129	5.591	5.591	(0.860)	70659	20.0000	19
	76 Butyl Acetate	73	6.200	6.200	(0.954)	36150	40.0000	44
	77 1,2-Dibromoethane	107	5.828	5.828	(0.896)	62167	20.0000	18
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	654805	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	216614	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	73205	20.0000	20
	81 Ethylbenzene	106	6.616	6.616	(1.018)	116819	20.0000	19
	82 m+p-Xylene	106	6.823	6.823	(1.050)	289992	40.0000	38
	84 o-Xylene	106	7.396	7.396	(1.138)	137011	20.0000	19
	85 Styrene	104	7.482	7.482	(1.151)	235228	20.0000	18
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	52420	20.0000	22
	86 Bromoform	173	7.454	7.454	(1.147)	42717	20.0000	19
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	351716	20.0000	20
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	315019	50.0000	63
	90 Camphene (total)	93	7.977	7.977	(1.227)	141552	20.0000	24
	91 Bromobenzene	156	8.342	8.342	(0.862)	92773	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	72841	20.0000	18
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	22506	20.0000	19
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	29641	20.0000	22
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	426518	20.0000	19
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	252262	20.0000	18
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	299699	20.0000	19
	98 4-Chlorotoluene	91	8.894	8.894	(0.919)	277588	20.0000	18
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	101622	20.0000	21
	100 tert-Butylbenzene	119	9.202	9.202	(0.951)	269731	20.0000	20
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	313648	20.0000	19
	102 2-Octanone	43	9.925	9.925	(1.026)	98506	20.0000	21
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	395692	20.0000	20
	104 2-Octanol	45	9.803	9.803	(1.013)	20963	20.0000	18
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	184096	20.0000	18
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	347399	20.0000	20
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	357966	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.689	(1.001)	188482	20.0000	18
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	213884	20.0000	22
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	312902	20.0000	20
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	177842	20.0000	19
	112 1,2-Dibromo-3-chloropropane	75	10.835	10.835	(1.120)	17172	20.0000	20
	113 Camphor	95	11.608	11.608	(1.200)	49899	100.000	110
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	127581	20.0000	19
	115 Hexachlorobutadiene	225	11.401	11.401	(1.178)	50351	20.0000	20
	116 Naphthalene	128	11.637	11.637	(1.203)	317817	20.0000	20
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	112711	20.0000	19
M	120 1,2-Dichloroethene (Total)	100				161747	40.0000	38
M	121 Xylene (Total)	100				427003	60.0000	57

Data File: p30412.d

Date: 21-AUG-2009 08:03

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15029/2 Calibration Date: 08/24/2009 07:35

Instrument ID: VOAMS13 Calib Start Date: 08/14/2009 19:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/14/2009 23:58

Lab File ID: p30441.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1869	0.1841		19.7	20.0	-1.5	50.0
Chloromethane	Ave	0.2452	0.2148	0.1000	17.5	20.0	-12.4	50.0
Vinyl chloride	Ave	0.2573	0.2459		19.1	20.0	-4.4	20.0
Bromomethane	QuaF	0.1777	0.1180		17.5	20.0	-12.6	50.0
Chloroethane	Ave	0.1459	0.1737		23.8	20.0	19.0	50.0
Trichlorofluoromethane	Ave	0.3396	0.3812		22.5	20.0	12.3	50.0
2-Methyl-1,3-butadiene	Ave	0.3355	0.3291		19.6	20.0	-1.9	50.0
Ethyl ether	Ave	0.1849	0.1803		19.5	20.0	-2.5	50.0
1,1-Dichloroethene	Ave	0.1744	0.1606		18.4	20.0	-7.9	20.0
Carbon disulfide	Ave	0.7533	0.7038		18.7	20.0	-6.6	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2136	0.2076		19.4	20.0	-2.8	50.0
Acrolein	QuaF	0.0195	0.0163		34.7	40.0	-13.2	99.0
Isopropyl alcohol	Ave	0.0116	0.0133		3450	3000	14.9	50.0
Methylene Chloride	Ave	0.2445	0.2175		17.8	20.0	-11.1	50.0
Acetone	LinF	0.0190	0.0183		23.4	20.0	17.2	50.0
trans-1,2-Dichloroethene	Ave	0.2360	0.2141		18.1	20.0	-9.3	50.0
Methyl acetate	Ave	0.0652	0.0693		21.2	20.0	6.1	50.0
Hexane	Ave	0.1893	0.1754		18.5	20.0	-7.3	50.0
Methyl tert-butyl ether	Ave	0.6472	0.6709		20.7	20.0	3.7	50.0
2-Methyl-2-propanol	LinF	0.0180	0.0222		528	400	32.1	50.0
Acetonitrile	Ave	0.0045	0.0044		394	400	-1.3	50.0
Isopropyl ether	Ave	0.7651	0.6694		17.5	20.0	-12.5	50.0
1,1-Dichloroethane	Ave	0.4355	0.3736	0.1000	17.2	20.0	-14.2	50.0
Acrylonitrile	Ave	0.0775	0.0805		20.8	20.0	3.9	50.0
Tert-butyl ethyl ether	Ave	0.7191	0.6848	0.0100	19.0	20.0	-4.8	50.0
cis-1,2-Dichloroethene	Ave	0.2603	0.2376		18.3	20.0	-8.7	50.0
2,2-Dichloropropane	Ave	0.3669	0.3388		18.5	20.0	-7.7	50.0
Cyclohexane	Ave	0.3804	0.3654		19.2	20.0	-3.9	50.0
Chlorobromomethane	Ave	0.1110	0.1148		20.7	20.0	3.4	50.0
Chloroform	Ave	0.3767	0.3858		20.5	20.0	2.4	20.0
Carbon tetrachloride	Ave	0.2608	0.2847		21.8	20.0	9.2	50.0
Ethyl acetate	Ave	0.0197	0.0239		48.5	40.0	21.2	50.0
Tetrahydrofuran	LinF	0.0776	0.0886		25.3	20.0	26.4	50.0
1,1,1-Trichloroethane	Ave	0.3202	0.3381		21.1	20.0	5.6	50.0
1,1-Dichloropropene	Ave	0.2970	0.2944		19.8	20.0	-0.9	50.0
2-Butanone (MEK)	Ave	0.0296	0.0381		25.8	20.0	28.8	50.0
n-Heptane	QuaF	0.1328	0.1224		17.8	20.0	-11.0	50.0
Benzene	Ave	1.314	1.092		16.6	20.0	-16.9	50.0
Tert-amyl methyl ether	Ave	0.5734	0.5802		20.2	20.0	1.2	50.0
1,2-Dichloroethane	Ave	0.2813	0.2743		19.5	20.0	-2.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15029/2 Calibration Date: 08/24/2009 07:35

Instrument ID: VOAMS13 Calib Start Date: 08/14/2009 19:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/14/2009 23:58

Lab File ID: p30441.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.3119	0.3326		42.6	40.0	6.6	50.0
Methylcyclohexane	Ave	0.3523	0.3476		19.7	20.0	-1.3	50.0
Trichloroethene	LinF	0.2358	0.2148		19.5	20.0	-2.5	50.0
Dibromomethane	Ave	0.1217	0.1204		19.8	20.0	-1.1	50.0
n-Butanol	Ave	0.0038	0.0048		1860	1500	24.0	50.0
1,2-Dichloropropane	Ave	0.2278	0.2064		18.1	20.0	-9.4	20.0
Dichlorobromomethane	Ave	0.2879	0.2787		19.4	20.0	-3.2	50.0
Ethyl acrylate	Ave	0.2092	0.2170		20.7	20.0	3.7	50.0
Methyl methacrylate	Ave	0.0538	0.0598		22.2	20.0	11.1	50.0
1,4-Dioxane	Ave	0.0022	0.0026		3640	3000	21.4	50.0
n-Propyl acetate	Ave	0.2303	0.2484		43.1	40.0	7.9	50.0
2-Chloroethyl vinyl ether	Ave	0.1290	0.1300		20.2	20.0	0.8	50.0
cis-1,3-Dichloropropene	Ave	0.5220	0.4540		17.4	20.0	-13.0	50.0
Toluene	LinF	1.466	1.248		18.9	20.0	-5.7	20.0
Epichlorohydrin	Ave	0.0246	0.0247		401	400	0.2	50.0
Tetrachloroethene	Ave	0.3140	0.2854		18.2	20.0	-9.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2123	0.2216		20.9	20.0	4.3	50.0
trans-1,3-Dichloropropene	Ave	0.4632	0.4116		17.8	20.0	-11.1	50.0
1,1,2-Trichloroethane	Ave	0.2159	0.1973		18.3	20.0	-8.6	50.0
Chlorodibromomethane	Ave	0.2900	0.2772		19.1	20.0	-4.4	50.0
1,3-Dichloropropane	Ave	0.4605	0.4129		17.9	20.0	-10.3	50.0
Ethylene Dibromide	Ave	0.2557	0.2413		18.9	20.0	-5.6	50.0
n-Butyl acetate	Ave	0.0620	0.0656		42.3	40.0	5.9	50.0
2-Hexanone	Ave	0.1589	0.1803		22.7	20.0	13.5	50.0
Chlorobenzene	Ave	0.8853	0.7954	0.3000	18.0	20.0	-10.2	50.0
Ethylbenzene	Ave	0.4656	0.4231		18.2	20.0	-9.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2867	0.2714		18.9	20.0	-5.3	50.0
m-Xylene & p-Xylene	Ave	0.5849	0.5332		36.5	40.0	-8.8	50.0
o-Xylene	Ave	0.5572	0.5041		18.1	20.0	-9.5	50.0
Bromoform	Ave	0.1753	0.1716	0.1000	19.6	20.0	-2.1	50.0
Styrene	Ave	0.9754	0.8666		17.8	20.0	-11.2	50.0
n-Butyl acrylate	Ave	0.1858	0.1899		20.4	20.0	2.2	50.0
Isopropylbenzene	Ave	1.352	1.279		18.9	20.0	-5.4	50.0
Camphene	Ave	0.4467	0.4344		19.4	20.0	-2.8	50.0
Bromobenzene	Ave	0.7014	0.6395		18.2	20.0	-8.8	50.0
N-Propylbenzene	Ave	3.175	2.965		18.7	20.0	-6.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5723	0.5563	0.3000	19.4	20.0	-2.8	50.0
2-Chlorotoluene	Ave	1.934	1.732		17.9	20.0	-10.5	50.0
1,2,3-Trichloropropane	LinF	0.1772	0.1722		21.1	20.0	5.6	50.0
1,3,5-Trimethylbenzene	Ave	2.192	2.056		18.8	20.0	-6.2	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1861	0.1991		21.4	20.0	7.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15029/2 Calibration Date: 08/24/2009 07:35

Instrument ID: VOAMS13 Calib Start Date: 08/14/2009 19:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/14/2009 23:58

Lab File ID: p30441.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	2.104	1.866		17.7	20.0	-11.3	50.0
tert-Butylbenzene	Ave	1.906	1.839		19.3	20.0	-3.5	50.0
1,2,4-Trimethylbenzene	Ave	2.303	2.149		18.7	20.0	-6.7	50.0
Butyl Methacrylate	Ave	0.6698	0.6639		19.8	20.0	-0.9	50.0
sec-Butylbenzene	Ave	2.802	2.691		19.2	20.0	-4.0	50.0
1,3-Dichlorobenzene	Ave	1.389	1.259		18.1	20.0	-9.4	50.0
4-Isopropyltoluene	Ave	2.456	2.338		19.0	20.0	-4.8	50.0
1,4-Dichlorobenzene	Ave	1.438	1.305		18.1	20.0	-9.3	50.0
2-Octanol	Ave	0.1588	0.1808		22.8	20.0	13.9	50.0
2-Octanone	Ave	0.6576	0.6623		20.1	20.0	0.7	50.0
Benzyl chloride	Ave	1.343	1.430		21.3	20.0	6.5	50.0
n-Butylbenzene	Ave	2.180	2.078		19.1	20.0	-4.7	50.0
1,2-Dichlorobenzene	Ave	1.323	1.228		18.6	20.0	-7.2	50.0
1,2-Dibromo-3-Chloropropane	QuaF	0.1247	0.1234		21.2	20.0	5.9	50.0
1,2,4-Trichlorobenzene	Ave	0.9554	0.8705		18.2	20.0	-8.9	50.0
Hexachlorobutadiene	Ave	0.3415	0.3215		18.8	20.0	-5.9	50.0
Camphor	Ave	0.0624	0.0783		125	100	25.3	50.0
Naphthalene	QuaF	2.382	2.306		21.0	20.0	4.9	50.0
1,2,3-Trichlorobenzene	QuaF	0.8764	0.8117		20.1	20.0	0.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1215	0.1184		48.7	50.0	-2.6	50.0
Toluene-d8 (Surr)	Ave	0.6176	0.5844		47.3	50.0	-5.4	50.0
4-Bromofluorobenzene	Ave	0.6966	0.7660		55.0	50.0	10.0	50.0

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30441.d
Report Date: 24-Aug-2009 08:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30441.d
Lab Smp Id: CCVIS
Inj Date : 24-AUG-2009 07:35
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.735	(0.228)	66701	20.0000	20
3 Chloromethane	50	0.835	0.835	(0.259)	77830	20.0000	18
4 Vinyl Chloride	62	0.842	0.842	(0.261)	89100	20.0000	19
6 Bromomethane	94	0.978	0.978	(0.303)	42759	20.0000	17
5 Chloroethane	64	1.028	1.028	(0.319)	62925	20.0000	24
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	138132	20.0000	22
10 Isoprene	67	1.215	1.215	(0.376)	119255	20.0000	20
11 Ethyl Ether	59	1.222	1.222	(0.379)	65341	20.0000	20
13 Acrolein	56	1.480	1.480	(0.458)	11801	40.0000	35
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	58188	20.0000	18
14 Freon TF	101	1.329	1.329	(0.412)	75228	20.0000	19
16 Acetone	58	1.630	1.630	(0.505)	6625	20.0000	23
18 Carbon Disulfide	76	1.322	1.322	(0.410)	255022	20.0000	19
19 Isopropanol	45	1.580	1.580	(0.490)	725108	3000.00	3400
21 Acetonitrile	39	1.874	1.874	(0.581)	31857	400.000	390
27 Methyl Acetate	74	1.695	1.695	(0.525)	25093	20.0000	21

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30441.d
Report Date: 24-Aug-2009 08:08

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	78800	20.0000	18
	24 TBA	59	1.809	1.809	(0.561)	160491	400.000	530
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	77574	20.0000	18
	26 Acrylonitrile	53	2.053	2.053	(0.636)	29180	20.0000	21
	28 MTBE	73	1.738	1.738	(0.538)	243095	20.0000	21
	29 Hexane	56	1.716	1.716	(0.532)	63559	20.0000	18
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	135356	20.0000	17
	32 DIPE	45	1.953	1.953	(0.605)	242538	20.0000	17
	34 n-Propanol	60	2.225	2.225	(0.689)	45164	3000.00	3500
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	248143	20.0000	19
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	122746	20.0000	18
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	86091	20.0000	18
	38 2-Butanone	72	2.740	2.740	(0.849)	13798	20.0000	26
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	17286	40.0000	48
	40 Bromochloromethane	128	2.461	2.461	(0.763)	41588	20.0000	21
	41 Tetrahydrofuran	42	2.626	2.626	(0.814)	32089	20.0000	25
	42 Chloroform	83	2.518	2.518	(0.780)	139784	20.0000	20
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	122500	20.0000	21
	44 Cyclohexane	56	2.447	2.447	(0.758)	132404	20.0000	19
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	103145	20.0000	22
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	106681	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	107235	50.0000	49
	48 Benzene	78	2.905	2.905	(0.447)	300345	20.0000	17
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	99387	20.0000	19
	51 n-Heptane	57	2.898	2.898	(0.898)	44332	20.0000	18
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	210234	20.0000	20
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	241023	40.0000	43
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	905864	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	77824	20.0000	19
	53 n-Butanol	56	3.758	3.758	(1.164)	129494	1500.00	1800
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	125937	20.0000	20
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	78631	20.0000	21
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	74801	20.0000	18
	58 Dibromomethane	93	3.715	3.715	(1.151)	43630	20.0000	20
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	142689	3000.00	3600
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	21671	20.0000	22
	75 Propyl Acetate	43	4.245	4.245	(1.315)	179998	40.0000	43
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	100970	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	47103	20.0000	20
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	135756	400.000	400
	67 cis-1,3-Dichloropropene	75	4.510	4.510	(0.694)	124897	20.0000	17
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	60944	20.0000	21
$	65 Toluene-d8 (SUR)	98	4.696	4.696	(0.722)	401869	50.0000	47
	66 Toluene	91	4.746	4.746	(0.730)	343284	20.0000	19
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	113229	20.0000	18
	69 1,1,2-Trichloroethane	83	5.412	5.412	(0.833)	54271	20.0000	18
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	78505	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30441.d
Report Date: 24-Aug-2009 08:08

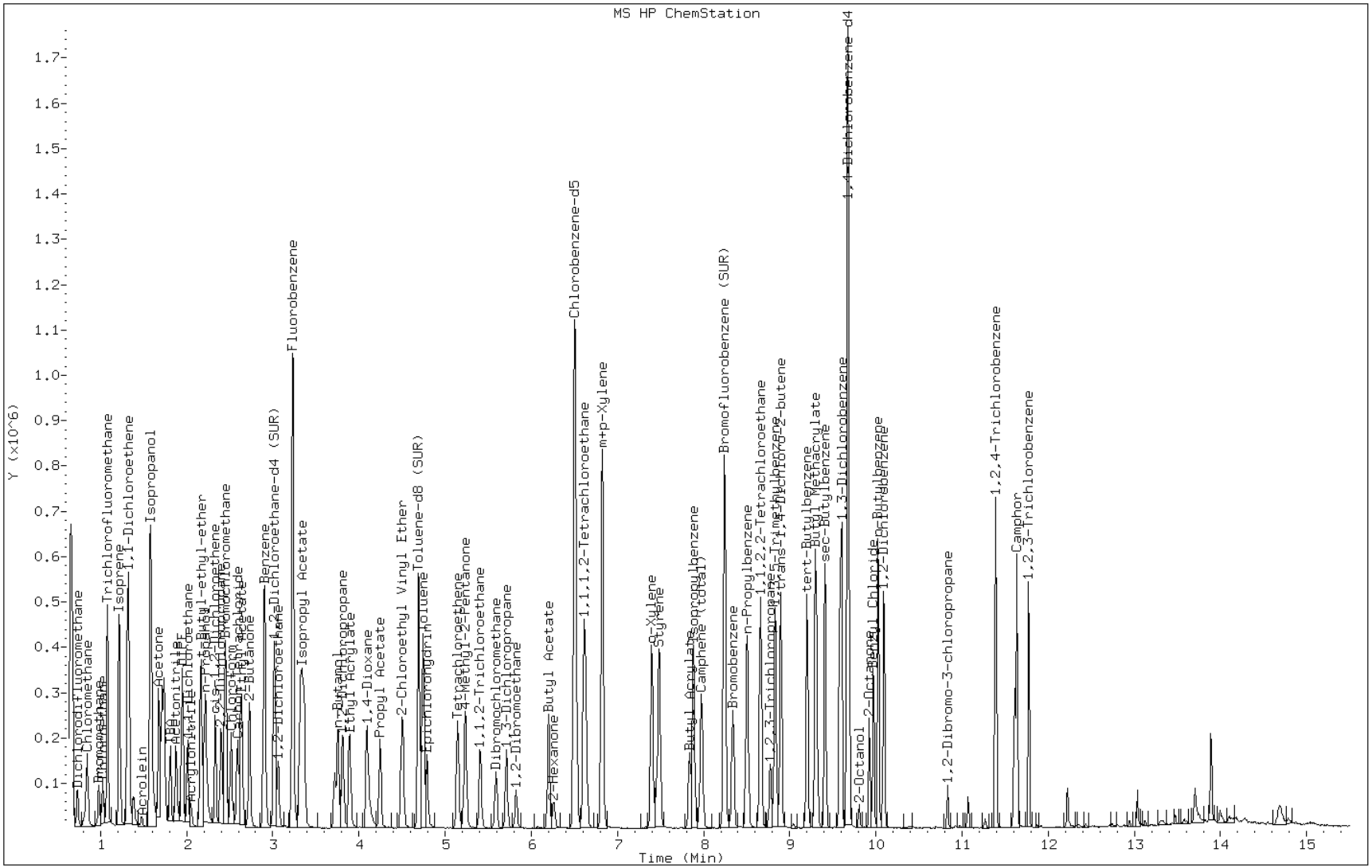
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	113590	20.0000	18
	73 2-Hexanone	43	6.258	6.258	(0.963)	49608	20.0000	23
	74 Dibromochloromethane	129	5.591	5.591	(0.860)	76239	20.0000	19
	76 Butyl Acetate	73	6.200	6.200	(0.954)	36086	40.0000	42
	77 1,2-Dibromoethane	107	5.828	5.828	(0.896)	66370	20.0000	19
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	687701	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	218789	20.0000	18
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	74654	20.0000	19
	81 Ethylbenzene	106	6.609	6.609	(1.017)	116386	20.0000	18
	82 m+p-Xylene	106	6.823	6.823	(1.050)	293365	40.0000	36
	84 o-Xylene	106	7.396	7.396	(1.138)	138657	20.0000	18
	85 Styrene	104	7.490	7.490	(1.152)	238379	20.0000	18
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	52240	20.0000	20
	86 Bromoform	173	7.454	7.454	(1.147)	47202	20.0000	20
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	351813	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	283008	50.0000	55
	90 Camphene (total)	93	7.977	7.977	(1.227)	119482	20.0000	19
	91 Bromobenzene	156	8.342	8.342	(0.862)	94507	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	82203	20.0000	19
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	25441	20.0000	21
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	29427	20.0000	21
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	438220	20.0000	19
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	255971	20.0000	18
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	303814	20.0000	19
	98 4-Chlorotoluene	91	8.901	8.901	(0.920)	275806	20.0000	18
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	98113	20.0000	20
	100 tert-Butylbenzene	119	9.202	9.202	(0.951)	271784	20.0000	19
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	317527	20.0000	19
	102 2-Octanone	43	9.925	9.925	(1.026)	97865	20.0000	20
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	397609	20.0000	19
	104 2-Octanol	45	9.803	9.803	(1.013)	26716	20.0000	23
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	186006	20.0000	18
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	345504	20.0000	19
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	369442	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.689	(1.001)	192807	20.0000	18
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	211308	20.0000	21
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	307065	20.0000	19
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	181467	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.828	(1.119)	18235	20.0000	21
	113 Camphor	95	11.608	11.608	(1.200)	57817	100.000	120
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	128646	20.0000	18
	115 Hexachlorobutadiene	225	11.401	11.401	(1.178)	47512	20.0000	19
	116 Naphthalene	128	11.637	11.637	(1.203)	340837	20.0000	21
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	119954	20.0000	20
M	120 1,2-Dichloroethene (Total)	100				163665	40.0000	36
M	121 Xylene (Total)	100				432023	60.0000	54

Data File: p30441.d

Date: 24-AUG-2009 07:35

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15245/2 Calibration Date: 08/25/2009 22:00

Instrument ID: VOAMS13 Calib Start Date: 08/14/2009 19:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/14/2009 23:58

Lab File ID: p30494.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1869	0.1859		19.9	20.0	-0.5	50.0
Chloromethane	Ave	0.2452	0.1854	0.1000	15.1	20.0	-24.4	50.0
Vinyl chloride	Ave	0.2573	0.2315		18.0	20.0	-10.0	20.0
Bromomethane	QuaF	0.1777	0.0939		13.9	20.0	-30.4	50.0
Chloroethane	Ave	0.1459	0.1818		24.9	20.0	24.6	50.0
Trichlorofluoromethane	Ave	0.3396	0.3949		23.3	20.0	16.3	50.0
2-Methyl-1,3-butadiene	Ave	0.3355	0.3562		21.2	20.0	6.2	50.0
Ethyl ether	Ave	0.1849	0.1837		19.9	20.0	-0.6	50.0
1,1-Dichloroethene	Ave	0.1744	0.1700		19.5	20.0	-2.6	20.0
Carbon disulfide	Ave	0.7533	0.7348		19.5	20.0	-2.5	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2136	0.2333		21.8	20.0	9.2	50.0
Acrolein	QuaF	0.0195	0.0135		28.7	40.0	-28.3	99.0
Isopropyl alcohol	Ave	0.0116	0.0123		3170	3000	5.6	50.0
Methylene Chloride	Ave	0.2445	0.2325		19.0	20.0	-4.9	50.0
Acetone	LinF	0.0190	0.0160		20.5	20.0	2.7	50.0
trans-1,2-Dichloroethene	Ave	0.2360	0.2310		19.6	20.0	-2.2	50.0
Methyl acetate	Ave	0.0652	0.0725		22.2	20.0	11.1	50.0
Hexane	Ave	0.1893	0.1840		19.4	20.0	-2.8	50.0
Methyl tert-butyl ether	Ave	0.6472	0.6820		21.1	20.0	5.4	50.0
2-Methyl-2-propanol	LinF	0.0180	0.0208		497	400	24.2	50.0
Acetonitrile	Ave	0.0045	0.0045		403	400	0.7	50.0
Isopropyl ether	Ave	0.7651	0.7149		18.7	20.0	-6.6	50.0
1,1-Dichloroethane	Ave	0.4355	0.4035	0.1000	18.5	20.0	-7.4	50.0
Acrylonitrile	Ave	0.0775	0.0730		18.8	20.0	-5.9	50.0
Tert-butyl ethyl ether	Ave	0.7191	0.7345	0.0100	20.4	20.0	2.1	50.0
cis-1,2-Dichloroethene	Ave	0.2603	0.2591		19.9	20.0	-0.5	50.0
2,2-Dichloropropane	Ave	0.3669	0.3718		20.3	20.0	1.3	50.0
Cyclohexane	Ave	0.3804	0.3958		20.8	20.0	4.0	50.0
Chlorobromomethane	Ave	0.1110	0.1288		23.2	20.0	16.1	50.0
Chloroform	Ave	0.3767	0.4002		21.3	20.0	6.3	20.0
Carbon tetrachloride	Ave	0.2608	0.3206		24.6	20.0	22.9	50.0
Ethyl acetate	Ave	0.0197	0.0259		52.6	40.0	31.6	50.0
Tetrahydrofuran	LinF	0.0776	0.0896		25.6	20.0	27.9	50.0
1,1,1-Trichloroethane	Ave	0.3202	0.3730		23.3	20.0	16.5	50.0
1,1-Dichloropropene	Ave	0.2970	0.3157		21.3	20.0	6.3	50.0
2-Butanone (MEK)	Ave	0.0296	0.0416		28.1	20.0	40.6	50.0
n-Heptane	QuaF	0.1328	0.1268		18.5	20.0	-7.7	50.0
Benzene	Ave	1.314	1.198		18.2	20.0	-8.8	50.0
Tert-amyl methyl ether	Ave	0.5734	0.6271		21.9	20.0	9.4	50.0
1,2-Dichloroethane	Ave	0.2813	0.2974		21.1	20.0	5.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15245/2 Calibration Date: 08/25/2009 22:00

Instrument ID: VOAMS13 Calib Start Date: 08/14/2009 19:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/14/2009 23:58

Lab File ID: p30494.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.3119	0.3367		43.2	40.0	7.9	50.0
Methylcyclohexane	Ave	0.3523	0.3894		22.1	20.0	10.5	50.0
Trichloroethene	LinF	0.2358	0.2318		21.0	20.0	5.2	50.0
Dibromomethane	Ave	0.1217	0.1343		22.1	20.0	10.3	50.0
n-Butanol	Ave	0.0038	0.0042		1620	1500	8.2	50.0
1,2-Dichloropropane	Ave	0.2278	0.2199		19.3	20.0	-3.4	20.0
Dichlorobromomethane	Ave	0.2879	0.3091		21.5	20.0	7.4	50.0
Ethyl acrylate	Ave	0.2092	0.2242		21.4	20.0	7.2	50.0
Methyl methacrylate	Ave	0.0538	0.0621		23.1	20.0	15.3	50.0
1,4-Dioxane	Ave	0.0022	0.0025		3390	3000	13.1	50.0
n-Propyl acetate	Ave	0.2303	0.2454		42.6	40.0	6.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1290	0.1343		20.8	20.0	4.1	50.0
cis-1,3-Dichloropropene	Ave	0.5220	0.4809		18.4	20.0	-7.9	50.0
Toluene	LinF	1.466	1.379		20.8	20.0	4.2	20.0
Epichlorohydrin	Ave	0.0246	0.0241		391	400	-2.3	50.0
Tetrachloroethene	Ave	0.3140	0.3218		20.5	20.0	2.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2123	0.2118		19.9	20.0	-0.3	50.0
trans-1,3-Dichloropropene	Ave	0.4632	0.4416		19.1	20.0	-4.7	50.0
1,1,2-Trichloroethane	Ave	0.2159	0.2135		19.8	20.0	-1.1	50.0
Chlorodibromomethane	Ave	0.2900	0.2951		20.3	20.0	1.8	50.0
1,3-Dichloropropane	Ave	0.4605	0.4434		19.3	20.0	-3.7	50.0
Ethylene Dibromide	Ave	0.2557	0.2516		19.7	20.0	-1.6	50.0
n-Butyl acetate	Ave	0.0620	0.0662		42.7	40.0	6.8	50.0
2-Hexanone	Ave	0.1589	0.1771		22.3	20.0	11.4	50.0
Chlorobenzene	Ave	0.8853	0.8788	0.3000	19.9	20.0	-0.7	50.0
Ethylbenzene	Ave	0.4656	0.4658		20.0	20.0	0.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2867	0.2909		20.3	20.0	1.5	50.0
m-Xylene & p-Xylene	Ave	0.5849	0.5774		39.5	40.0	-1.3	50.0
o-Xylene	Ave	0.5572	0.5517		19.8	20.0	-1.0	50.0
Bromoform	Ave	0.1753	0.1821	0.1000	20.8	20.0	3.9	50.0
Styrene	Ave	0.9754	0.9645		19.8	20.0	-1.1	50.0
n-Butyl acrylate	Ave	0.1858	0.1859		20.0	20.0	0.0	50.0
Isopropylbenzene	Ave	1.352	1.422		21.0	20.0	5.2	50.0
Camphene	Ave	0.4467	0.4848		21.7	20.0	8.5	50.0
Bromobenzene	Ave	0.7014	0.6673		19.0	20.0	-4.9	50.0
N-Propylbenzene	Ave	3.175	3.168		20.0	20.0	-0.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5723	0.5457	0.3000	19.1	20.0	-4.6	50.0
2-Chlorotoluene	Ave	1.934	1.876		19.4	20.0	-3.0	50.0
1,2,3-Trichloropropane	LinF	0.1772	0.1666		20.4	20.0	2.2	50.0
1,3,5-Trimethylbenzene	Ave	2.192	2.201		20.1	20.0	0.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1861	0.1846		19.8	20.0	-0.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15245/2 Calibration Date: 08/25/2009 22:00

Instrument ID: VOAMS13 Calib Start Date: 08/14/2009 19:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/14/2009 23:58

Lab File ID: p30494.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	2.104	1.991		18.9	20.0	-5.4	50.0
tert-Butylbenzene	Ave	1.906	1.971		20.7	20.0	3.4	50.0
1,2,4-Trimethylbenzene	Ave	2.303	2.341		20.3	20.0	1.6	50.0
Butyl Methacrylate	Ave	0.6698	0.6681		19.9	20.0	-0.3	50.0
sec-Butylbenzene	Ave	2.802	2.916		20.8	20.0	4.1	50.0
1,3-Dichlorobenzene	Ave	1.389	1.369		19.7	20.0	-1.4	50.0
4-Isopropyltoluene	Ave	2.456	2.547		20.7	20.0	3.7	50.0
1,4-Dichlorobenzene	Ave	1.438	1.407		19.6	20.0	-2.2	50.0
2-Octanol	Ave	0.1588	0.1266		16.0	20.0	-20.2	50.0
2-Octanone	Ave	0.6576	0.6542		19.9	20.0	-0.5	50.0
Benzyl chloride	Ave	1.343	1.388		20.7	20.0	3.4	50.0
n-Butylbenzene	Ave	2.180	2.288		21.0	20.0	5.0	50.0
1,2-Dichlorobenzene	Ave	1.323	1.322		20.0	20.0	0.1	50.0
1,2-Dibromo-3-Chloropropane	QuaF	0.1247	0.1283		22.0	20.0	10.1	50.0
1,2,4-Trichlorobenzene	Ave	0.9554	0.9573		20.0	20.0	0.2	50.0
Hexachlorobutadiene	Ave	0.3415	0.3625		21.2	20.0	6.2	50.0
Camphor	Ave	0.0624	0.0648		104	100	3.7	50.0
Naphthalene	QuaF	2.382	2.436		22.2	20.0	10.8	50.0
1,2,3-Trichlorobenzene	QuaF	0.8764	0.8705		21.5	20.0	7.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1215	0.1166		48.0	50.0	-4.0	50.0
Toluene-d8 (Surr)	Ave	0.6176	0.5776		46.8	50.0	-6.5	50.0
4-Bromofluorobenzene	Ave	0.6966	0.7544		54.1	50.0	8.3	50.0

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30494.d
Report Date: 25-Aug-2009 22:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30494.d
Lab Smp Id: CCVIS
Inj Date : 25-AUG-2009 22:00
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/8260_09.m
Meth Date : 25-Aug-2009 22:40 ken Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.728	(0.225)	59033	20.0000	20
3 Chloromethane	50	0.828	0.828	(0.256)	58874	20.0000	15
4 Vinyl Chloride	62	0.842	0.842	(0.261)	73503	20.0000	18
6 Bromomethane	94	0.978	0.978	(0.303)	29825	20.0000	14
5 Chloroethane	64	1.021	1.021	(0.316)	57713	20.0000	25
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	125391	20.0000	23
10 Isoprene	67	1.215	1.215	(0.376)	113091	20.0000	21
11 Ethyl Ether	59	1.222	1.222	(0.379)	58326	20.0000	20
13 Acrolein	56	1.480	1.480	(0.458)	8566	40.0000	29
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	53960	20.0000	19
14 Freon TF	101	1.329	1.329	(0.412)	74061	20.0000	22
16 Acetone	58	1.630	1.630	(0.505)	5084	20.0000	20
18 Carbon Disulfide	76	1.322	1.322	(0.410)	233301	20.0000	20
19 Isopropanol	45	1.580	1.580	(0.490)	583741	3000.00	3200
21 Acetonitrile	39	1.874	1.874	(0.581)	28533	400.000	400
27 Methyl Acetate	74	1.687	1.687	(0.523)	23011	20.0000	22

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30494.d
Report Date: 25-Aug-2009 22:40

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	73819	20.0000	19
	24 TBA	59	1.809	1.809	(0.561)	132241	400.000	500
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	73336	20.0000	20
	26 Acrylonitrile	53	2.046	2.046	(0.634)	23165	20.0000	19
	28 MTBE	73	1.738	1.738	(0.538)	216526	20.0000	21
	29 Hexane	56	1.709	1.709	(0.529)	58408	20.0000	19
	30 1,1-Dichloroethane	63	2.003	2.003	(0.620)	128120	20.0000	18
	32 DIPE	45	1.945	1.945	(0.603)	226986	20.0000	19
	34 n-Propanol	60	2.225	2.225	(0.689)	37984	3000.00	3300
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	233211	20.0000	20
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	118038	20.0000	20
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	82269	20.0000	20
	38 2-Butanone	72	2.740	2.740	(0.849)	13193	20.0000	28
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	16449	40.0000	53
	40 Bromochloromethane	128	2.461	2.461	(0.763)	40888	20.0000	23
	41 Tetrahydrofuran	42	2.626	2.626	(0.814)	28439	20.0000	26
	42 Chloroform	83	2.511	2.511	(0.778)	127078	20.0000	21
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	118422	20.0000	23
	44 Cyclohexane	56	2.447	2.447	(0.758)	125663	20.0000	21
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	101794	20.0000	24
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	100240	20.0000	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	92583	50.0000	48
	48 Benzene	78	2.905	2.905	(0.447)	290744	20.0000	18
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	94425	20.0000	21
	51 n-Heptane	57	2.898	2.898	(0.898)	40271	20.0000	18
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	199105	20.0000	22
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	213788	40.0000	43
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	793768	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	73601	20.0000	21
	53 n-Butanol	56	3.758	3.758	(1.164)	99028	1500.00	1600
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	123635	20.0000	22
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	71185	20.0000	21
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	69828	20.0000	19
	58 Dibromomethane	93	3.715	3.715	(1.151)	42629	20.0000	22
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	116673	3000.00	3400
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	19716	20.0000	23
	75 Propyl Acetate	43	4.245	4.245	(1.315)	155833	40.0000	43
	68 Bromodichloromethane	83	3.886	3.886	(1.204)	98137	20.0000	21
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	42627	20.0000	21
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	116781	400.000	390
	67 cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	116684	20.0000	18
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	51387	20.0000	20
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	350373	50.0000	47
	66 Toluene	91	4.739	4.739	(0.729)	334650	20.0000	21
	64 trans-1,3-Dichloropropene	75	5.233	5.233	(0.805)	107159	20.0000	19
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	51810	20.0000	20
	71 Tetrachloroethene	166	5.140	5.140	(0.791)	78092	20.0000	20

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30494.d
Report Date: 25-Aug-2009 22:40

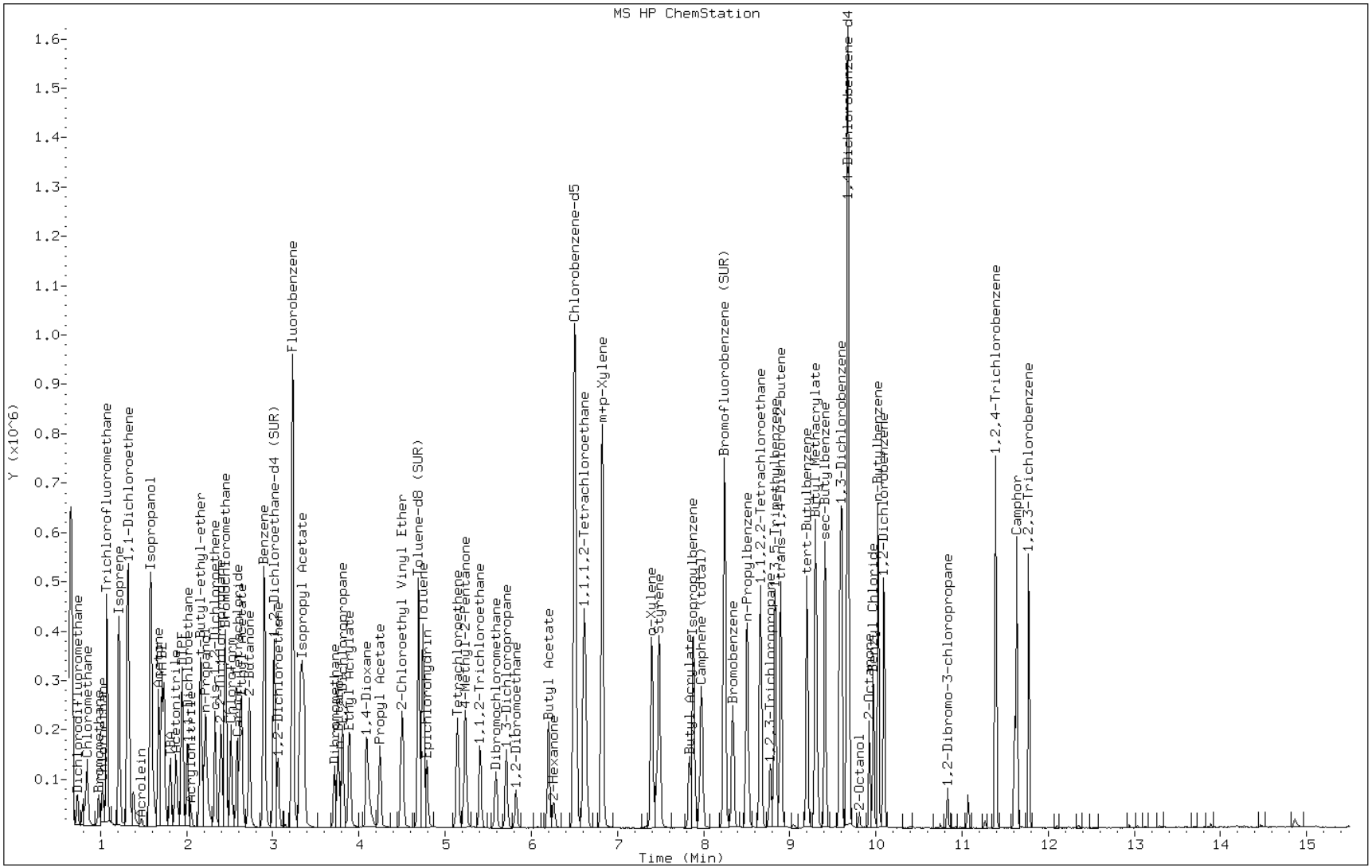
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	72	1,3-Dichloropropane	76	5.713	5.713	(0.879)	107600	20.0000	19
	73	2-Hexanone	43	6.257	6.257	(0.963)	42979	20.0000	22
	74	Dibromochloromethane	129	5.591	5.591	(0.860)	71593	20.0000	20
	76	Butyl Acetate	73	6.200	6.200	(0.954)	32113	40.0000	43
	77	1,2-Dibromoethane	107	5.821	5.821	(0.895)	61044	20.0000	20
*	78	Chlorobenzene-d5	117	6.501	6.501	(1.000)	606627	50.0000	
	79	Chlorobenzene	112	6.522	6.522	(1.003)	213234	20.0000	20
	80	1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	70591	20.0000	20
	81	Ethylbenzene	106	6.608	6.608	(1.017)	113016	20.0000	20
	82	m+p-Xylene	106	6.823	6.823	(1.050)	280234	40.0000	39
	84	o-Xylene	106	7.396	7.396	(1.138)	133868	20.0000	20
	85	Styrene	104	7.482	7.482	(1.151)	234042	20.0000	20
	83	Butyl Acrylate	73	7.833	7.833	(1.205)	45100	20.0000	20
	86	Bromoform	173	7.454	7.454	(1.147)	44175	20.0000	21
	88	Isopropylbenzene	105	7.883	7.883	(1.213)	344938	20.0000	21
$	89	Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	253024	50.0000	54
	90	Camphene (total)	93	7.977	7.977	(1.227)	117642	20.0000	22
	91	Bromobenzene	156	8.335	8.335	(0.862)	89530	20.0000	19
	92	1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	73216	20.0000	19
	93	1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	22355	20.0000	20
	94	trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	24770	20.0000	20
	95	n-Propylbenzene	91	8.507	8.507	(0.879)	424974	20.0000	20
	96	2-Chlorotoluene	91	8.657	8.657	(0.895)	251760	20.0000	19
	97	1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	295294	20.0000	20
	98	4-Chlorotoluene	91	8.901	8.901	(0.920)	267076	20.0000	19
	99	Butyl Methacrylate	87	9.316	9.316	(0.963)	89636	20.0000	20
	100	tert-Butylbenzene	119	9.201	9.201	(0.951)	264406	20.0000	21
	101	1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	314049	20.0000	20
	102	2-Octanone	43	9.925	9.925	(1.026)	87768	20.0000	20
	103	sec-Butylbenzene	105	9.409	9.409	(0.973)	391284	20.0000	21
	104	2-Octanol	45	9.803	9.803	(1.013)	16986	20.0000	16
	105	1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	183723	20.0000	20
	107	p-Isopropyltoluene	119	9.603	9.603	(0.993)	341710	20.0000	21
*	108	1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	335413	50.0000	
	109	1,4-Dichlorobenzene	146	9.681	9.681	(1.001)	188765	20.0000	20
	110	Benzyl Chloride	91	9.968	9.968	(1.030)	186226	20.0000	21
	106	n-Butylbenzene	91	10.025	10.025	(1.036)	306996	20.0000	21
	111	1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	177344	20.0000	20
	112	1,2-Dibromo-3-chloropropane	75	10.827	10.827	(1.119)	17208	20.0000	22
	113	Camphor	95	11.608	11.608	(1.200)	43435	100.000	100
	114	1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	128432	20.0000	20
	115	Hexachlorobutadiene	225	11.393	11.393	(1.178)	48637	20.0000	21
	116	Naphthalene	128	11.637	11.637	(1.203)	326818	20.0000	22
	117	1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	116785	20.0000	22
M	120	1,2-Dichloroethene (Total)	100				155605	40.0000	39
M	121	Xylene (Total)	100				414103	60.0000	59

Data File: p30494.d

Date: 25-AUG-2009 22:00

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15423/2 Calibration Date: 08/27/2009 08:02

Instrument ID: VOAMS13 Calib Start Date: 08/26/2009 14:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/26/2009 17:14

Lab File ID: p30562.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1771	0.1943		21.9	20.0	9.7	50.0
Chloromethane	Ave	0.1984	0.2204	0.1000	22.2	20.0	11.1	50.0
Vinyl chloride	Ave	0.2233	0.2474		22.2	20.0	10.8	20.0
Bromomethane	QuaF	0.1406	0.1560		26.2	20.0	30.9	50.0
Chloroethane	Ave	0.1560	0.1574		20.2	20.0	0.9	50.0
Pentane	LinF	0.0545	0.0531		25.5	20.0	27.4	50.0
Trichlorofluoromethane	Ave	0.3640	0.3953		21.7	20.0	8.6	50.0
2-Methyl-1,3-butadiene	Ave	0.3371	0.3905		23.2	20.0	15.9	50.0
Ethyl ether	Ave	0.1916	0.2219		23.2	20.0	15.9	50.0
1,1-Dichloroethene	Ave	0.1702	0.1499		17.6	20.0	-11.9	20.0
Carbon disulfide	Ave	0.7445	0.8160		21.9	20.0	9.6	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2183	0.2624		24.0	20.0	20.2	50.0
Acrolein	Ave	0.0165	0.0099		24.0	40.0	-40.0	99.0
Isopropyl alcohol	Ave	0.0118	0.0128		3240	3000	8.1	50.0
Methylene Chloride	Ave	0.2241	0.2089		18.6	20.0	-6.8	50.0
Acetone	Ave	0.0192	0.0246		25.6	20.0	28.2	50.0
trans-1,2-Dichloroethene	Ave	0.2235	0.1934		17.3	20.0	-13.4	50.0
Methyl acetate	Ave	0.0707	0.0853		24.1	20.0	20.6	50.0
Hexane	Ave	0.1859	0.2162		23.3	20.0	16.3	50.0
Methyl tert-butyl ether	Ave	0.6794	0.7904		23.3	20.0	16.3	50.0
2-Methyl-2-propanol	Ave	0.0206	0.0235		457	400	14.3	50.0
Acetonitrile	Ave	0.0048	0.0049		405	400	1.4	50.0
Isopropyl ether	Ave	0.6914	0.8203		23.7	20.0	18.6	50.0
1,1-Dichloroethane	Ave	0.3931	0.3492	0.1000	17.8	20.0	-11.2	50.0
Acrylonitrile	Ave	0.0715	0.0683		19.1	20.0	-4.5	50.0
Tert-butyl ethyl ether	Ave	0.7169	0.8228	0.0100	23.0	20.0	14.8	50.0
Vinyl acetate	Ave	0.2632	0.2933		22.3	20.0	11.4	50.0
cis-1,2-Dichloroethene	Ave	0.2472	0.2270		18.4	20.0	-8.2	50.0
2,2-Dichloropropane	Ave	0.3454	0.3169		18.4	20.0	-8.2	50.0
Cyclohexane	Ave	0.3901	0.4516		23.2	20.0	15.8	50.0
Chlorobromomethane	Ave	0.1195	0.1076		18.0	20.0	-9.9	50.0
Chloroform	Ave	0.3927	0.3583		18.2	20.0	-8.8	20.0
Carbon tetrachloride	Ave	0.2895	0.2728		18.8	20.0	-5.8	50.0
Ethyl acetate	Ave	0.0239	0.0275		45.9	40.0	14.7	50.0
Tetrahydrofuran	Ave	0.0869	0.0967		22.3	20.0	11.3	50.0
1,1,1-Trichloroethane	Ave	0.3472	0.3174		18.3	20.0	-8.6	50.0
1,1-Dichloropropene	Ave	0.3013	0.2542		16.9	20.0	-15.7	50.0
2-Butanone (MEK)	LinF	0.0344	0.0410		21.7	20.0	8.5	50.0
n-Heptane	Ave	0.1316	0.1501		22.8	20.0	14.1	50.0
Benzene	Ave	1.181	1.008		17.1	20.0	-14.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15423/2 Calibration Date: 08/27/2009 08:02

Instrument ID: VOAMS13 Calib Start Date: 08/26/2009 14:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/26/2009 17:14

Lab File ID: p30562.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.6048	0.6945		23.0	20.0	14.8	50.0
1,2-Dichloroethane	Ave	0.2912	0.2661		18.3	20.0	-8.6	50.0
Isopropyl acetate	LinF	0.3258	0.3891		43.8	40.0	9.4	50.0
Methylcyclohexane	Ave	0.3687	0.4334		23.5	20.0	17.5	50.0
Trichloroethene	Ave	0.2257	0.2070		18.3	20.0	-8.3	50.0
Dibromomethane	Ave	0.1248	0.1131		18.1	20.0	-9.4	50.0
n-Butanol	QuaF	0.0041	0.0043		1630	1500	8.6	50.0
1,2-Dichloropropane	Ave	0.2107	0.1933		18.4	20.0	-8.2	20.0
Dichlorobromomethane	Ave	0.2844	0.2663		18.7	20.0	-6.4	50.0
Ethyl acrylate	Ave	0.2156	0.2560		23.8	20.0	18.8	50.0
Methyl methacrylate	LinF	0.0561	0.0641		21.0	20.0	4.9	50.0
1,4-Dioxane	Ave	0.0024	0.0026		3210	3000	7.2	50.0
n-Propyl acetate	Ave	0.2426	0.2763		45.6	40.0	13.9	50.0
2-Chloroethyl vinyl ether	LinF	0.1317	0.1521		21.4	20.0	7.1	50.0
cis-1,3-Dichloropropene	Ave	0.4570	0.4288		18.8	20.0	-6.2	50.0
Toluene	Ave	1.333	1.172		17.6	20.0	-12.0	20.0
Epichlorohydrin	Ave	0.0233	0.0279		479	400	19.8	50.0
Tetrachloroethene	Ave	0.2993	0.2660		17.8	20.0	-11.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2079	0.2375		22.8	20.0	14.2	50.0
trans-1,3-Dichloropropene	Ave	0.4225	0.3879		18.4	20.0	-8.2	50.0
1,1,2-Trichloroethane	Ave	0.1972	0.1819		18.5	20.0	-7.7	50.0
Chlorodibromomethane	Ave	0.2800	0.2510		17.9	20.0	-10.4	50.0
1,3-Dichloropropane	Ave	0.4174	0.3865		18.5	20.0	-7.4	50.0
Ethylene Dibromide	Ave	0.2425	0.2164		17.8	20.0	-10.8	50.0
n-Butyl acetate	Ave	0.0642	0.0761		47.4	40.0	18.6	50.0
2-Hexanone	LinF	0.1581	0.1960		24.0	20.0	20.1	50.0
Chlorobenzene	Ave	0.8405	0.7564	0.3000	18.0	20.0	-10.0	50.0
Ethylbenzene	Ave	0.4421	0.3944		17.8	20.0	-10.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2840	0.2479		17.5	20.0	-12.7	50.0
m-Xylene & p-Xylene	Ave	0.5505	0.4944		35.9	40.0	-10.2	50.0
o-Xylene	Ave	0.5225	0.4741		18.1	20.0	-9.3	50.0
Bromoform	Ave	0.1739	0.1542	0.1000	17.7	20.0	-11.3	50.0
Styrene	Ave	0.9137	0.8291		18.1	20.0	-9.3	50.0
n-Butyl acrylate	Ave	0.1815	0.2082		22.9	20.0	14.7	50.0
Isopropylbenzene	Ave	1.327	1.198		18.1	20.0	-9.7	50.0
Camphene	Ave	0.4588	0.5330		23.2	20.0	16.2	50.0
Bromobenzene	Ave	0.6605	0.5742		17.4	20.0	-13.1	50.0
N-Propylbenzene	Ave	2.947	2.692		18.3	20.0	-8.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5320	0.4932	0.3000	18.5	20.0	-7.3	50.0
2-Chlorotoluene	Ave	1.798	1.626		18.1	20.0	-9.5	50.0
1,2,3-Trichloropropane	Ave	0.1673	0.1528		18.3	20.0	-8.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15423/2 Calibration Date: 08/27/2009 08:02

Instrument ID: VOAMS13 Calib Start Date: 08/26/2009 14:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/26/2009 17:14

Lab File ID: p30562.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.103	1.894		18.0	20.0	-9.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1900	0.2209		23.2	20.0	16.2	50.0
4-Chlorotoluene	Ave	1.940	1.749		18.0	20.0	-9.8	50.0
tert-Butylbenzene	Ave	1.823	1.703		18.7	20.0	-6.6	50.0
1,2,4-Trimethylbenzene	Ave	2.197	1.988		18.1	20.0	-9.5	50.0
Butyl Methacrylate	Ave	0.6559	0.7357		22.4	20.0	12.2	50.0
sec-Butylbenzene	Ave	2.687	2.501		18.6	20.0	-6.9	50.0
1,3-Dichlorobenzene	Ave	1.298	1.175		18.1	20.0	-9.5	50.0
4-Isopropyltoluene	Ave	2.338	2.198		18.8	20.0	-6.0	50.0
1,4-Dichlorobenzene	Ave	1.342	1.202		17.9	20.0	-10.4	50.0
2-Octanol	QuaF	0.1445	0.1423		18.5	20.0	-7.6	50.0
2-Octanone	LinF	0.6676	0.7188		20.1	20.0	0.3	50.0
Benzyl chloride	Ave	1.284	1.604		25.0	20.0	24.9	50.0
n-Butylbenzene	Ave	2.108	1.971		18.7	20.0	-6.5	50.0
1,2-Dichlorobenzene	Ave	1.259	1.141		18.1	20.0	-9.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1171	0.1065		18.2	20.0	-9.1	50.0
1,2,4-Trichlorobenzene	Ave	0.9086	0.8311		18.3	20.0	-8.5	50.0
Hexachlorobutadiene	Ave	0.3215	0.3295		20.5	20.0	2.5	50.0
Camphor	Ave	0.0630	0.0712		113	100	13.0	50.0
Naphthalene	Ave	2.201	2.049		18.6	20.0	-6.9	50.0
1,2,3-Trichlorobenzene	Ave	0.8234	0.7323		17.8	20.0	-11.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1540	0.1551		50.4	50.0	0.7	50.0
Toluene-d8 (Surr)	Ave	0.5988	0.6183		51.6	50.0	3.3	50.0
4-Bromofluorobenzene	Ave	0.5683	0.5924		52.1	50.0	4.2	50.0

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30562.d
Report Date: 27-Aug-2009 12:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30562.d
Lab Smp Id: CCVIS
Inj Date : 27-AUG-2009 08:02
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.728	(0.225)	62895	20.0000	22
3 Chloromethane	50	0.835	0.835	(0.259)	71353	20.0000	22
4 Vinyl Chloride	62	0.842	0.842	(0.261)	80076	20.0000	22
6 Bromomethane	94	0.971	0.971	(0.301)	50507	20.0000	26
5 Chloroethane	64	1.021	1.021	(0.316)	50938	20.0000	20
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	127965	20.0000	22
8 n-Pentane	72	1.071	1.071	(0.332)	17192	20.0000	25
10 Isoprene	67	1.208	1.208	(0.374)	126425	20.0000	23
11 Ethyl Ether	59	1.222	1.222	(0.379)	71843	20.0000	23
13 Acrolein	56	1.480	1.480	(0.458)	6414	40.0000	24
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	48535	20.0000	18
14 Freon TF	101	1.329	1.329	(0.412)	84944	20.0000	24
16 Acetone	58	1.630	1.630	(0.505)	7957	20.0000	26
18 Carbon Disulfide	76	1.322	1.322	(0.410)	264159	20.0000	22
19 Isopropanol	45	1.580	1.580	(0.490)	619823	3000.00	3200
21 Acetonitrile	39	1.874	1.874	(0.581)	31565	400.000	400

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30562.d
Report Date: 27-Aug-2009 12:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	27 Methyl Acetate	74	1.695	1.695	(0.525)	27622	20.0000	24
	22 Methylene Chloride	84	1.594	1.594	(0.494)	67636	20.0000	19
	24 TBA	59	1.809	1.809	(0.561)	152117	400.000	460
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	62619	20.0000	17
	26 Acrylonitrile	53	2.046	2.046	(0.634)	22115	20.0000	19
	28 MTBE	73	1.738	1.738	(0.538)	255860	20.0000	23
	29 Hexane	56	1.709	1.709	(0.529)	69994	20.0000	23
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	113053	20.0000	18
	31 Vinyl Acetate	43	2.167	2.167	(0.672)	94937	20.0000	22
	32 DIPE	45	1.945	1.945	(0.603)	265535	20.0000	24
	34 n-Propanol	60	2.225	2.225	(0.689)	38443	3000.00	3300
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	266355	20.0000	23
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	102592	20.0000	18
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	73489	20.0000	18
	38 2-Butanone	72	2.740	2.740	(0.849)	13270	20.0000	22
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	17773	40.0000	46
	40 Bromochloromethane	128	2.461	2.461	(0.763)	34834	20.0000	18
	41 Tetrahydrofuran	42	2.619	2.619	(0.811)	31293	20.0000	22
	42 Chloroform	83	2.511	2.511	(0.778)	115997	20.0000	18
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	102742	20.0000	18
	44 Cyclohexane	56	2.447	2.447	(0.758)	146194	20.0000	23
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	88295	20.0000	19
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	82283	20.0000	17
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	125541	50.0000	50
	48 Benzene	78	2.905	2.905	(0.447)	248711	20.0000	17
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	86127	20.0000	18
	51 n-Heptane	57	2.898	2.898	(0.898)	48604	20.0000	23
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	224811	20.0000	23
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	251947	40.0000	44
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	809315	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	67021	20.0000	18
	53 n-Butanol	56	3.758	3.758	(1.164)	104614	1500.00	1600
	56 Methyl cyclohexane	83	3.335	3.335	(1.033)	140294	20.0000	24
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	82888	20.0000	24
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	62584	20.0000	18
	58 Dibromomethane	93	3.715	3.715	(1.151)	36618	20.0000	18
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	123676	3000.00	3200
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	20734	20.0000	21
	75 Propyl Acetate	43	4.245	4.245	(1.315)	178917	40.0000	46
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	86197	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	49231	20.0000	21
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	137859	400.000	480
	67 cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	105787	20.0000	19
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	58601	20.0000	23
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	381358	50.0000	52
	66 Toluene	91	4.739	4.739	(0.729)	289265	20.0000	18
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	95688	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30562.d
Report Date: 27-Aug-2009 12:59

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	69	1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	44884	20.0000	18
	71	Tetrachloroethene	166	5.147	5.147	(0.792)	65613	20.0000	18
	72	1,3-Dichloropropane	76	5.713	5.713	(0.879)	95355	20.0000	18
	73	2-Hexanone	43	6.258	6.258	(0.963)	48352	20.0000	24
	74	Dibromochloromethane	129	5.584	5.584	(0.859)	61920	20.0000	18
	76	Butyl Acetate	73	6.200	6.200	(0.954)	37565	40.0000	47
	77	1,2-Dibromoethane	107	5.828	5.828	(0.896)	53390	20.0000	18
*	78	Chlorobenzene-d5	117	6.501	6.501	(1.000)	616784	50.0000	
	79	Chlorobenzene	112	6.523	6.523	(1.003)	186603	20.0000	18
	80	1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	61156	20.0000	17
	81	Ethylbenzene	106	6.609	6.609	(1.017)	97308	20.0000	18
	82	m+p-Xylene	106	6.823	6.823	(1.050)	243963	40.0000	36
	84	o-Xylene	106	7.396	7.396	(1.138)	116957	20.0000	18
	85	Styrene	104	7.482	7.482	(1.151)	204555	20.0000	18
	83	Butyl Acrylate	73	7.833	7.833	(1.205)	51371	20.0000	23
	86	Bromoform	173	7.454	7.454	(1.147)	38045	20.0000	18
	88	Isopropylbenzene	105	7.876	7.876	(1.212)	295612	20.0000	18
$	89	Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	200856	50.0000	52
	90	Camphene (total)	93	7.977	7.977	(1.227)	131501	20.0000	23
	91	Bromobenzene	156	8.342	8.342	(0.863)	77879	20.0000	17
	92	1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.896)	66898	20.0000	18
	93	1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	20723	20.0000	18
	94	trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	29956	20.0000	23
	95	n-Propylbenzene	91	8.507	8.507	(0.880)	365186	20.0000	18
	96	2-Chlorotoluene	91	8.657	8.657	(0.896)	220579	20.0000	18
	97	1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	256932	20.0000	18
	98	4-Chlorotoluene	91	8.894	8.894	(0.920)	237173	20.0000	18
	99	Butyl Methacrylate	87	9.316	9.316	(0.964)	99781	20.0000	22
	100	tert-Butylbenzene	119	9.202	9.202	(0.952)	231008	20.0000	19
	101	1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	269697	20.0000	18
	102	2-Octanone	43	9.925	9.925	(1.027)	97487	20.0000	20
	103	sec-Butylbenzene	105	9.409	9.409	(0.973)	339247	20.0000	19
	104	2-Octanol	45	9.803	9.803	(1.014)	19302	20.0000	18
	105	1,3-Dichlorobenzene	146	9.581	9.581	(0.991)	159395	20.0000	18
	107	p-Isopropyltoluene	119	9.603	9.603	(0.993)	298101	20.0000	19
*	108	1,4-Dichlorobenzene-d4	152	9.667	9.667	(1.000)	339084	50.0000	
	109	1,4-Dichlorobenzene	146	9.681	9.681	(1.001)	163067	20.0000	18
	110	Benzyl Chloride	91	9.968	9.968	(1.031)	217490	20.0000	25
	106	n-Butylbenzene	91	10.025	10.025	(1.037)	267305	20.0000	19
	111	1,2-Dichlorobenzene	146	10.090	10.090	(1.044)	154743	20.0000	18
	112	1,2-Dibromo-3-chloropropane	75	10.828	10.828	(1.120)	14447	20.0000	18
	113	Camphor	95	11.608	11.608	(1.201)	48303	100.000	110
	114	1,2,4-Trichlorobenzene	180	11.386	11.386	(1.178)	112722	20.0000	18
	115	Hexachlorobutadiene	225	11.393	11.393	(1.179)	44688	20.0000	20
	116	Naphthalene	128	11.637	11.637	(1.204)	277873	20.0000	19
	117	1,2,3-Trichlorobenzene	180	11.773	11.773	(1.218)	99328	20.0000	18
M	120	1,2-Dichloroethene (Total)	100				136109	40.0000	36

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30562.d
Report Date: 27-Aug-2009 12:59

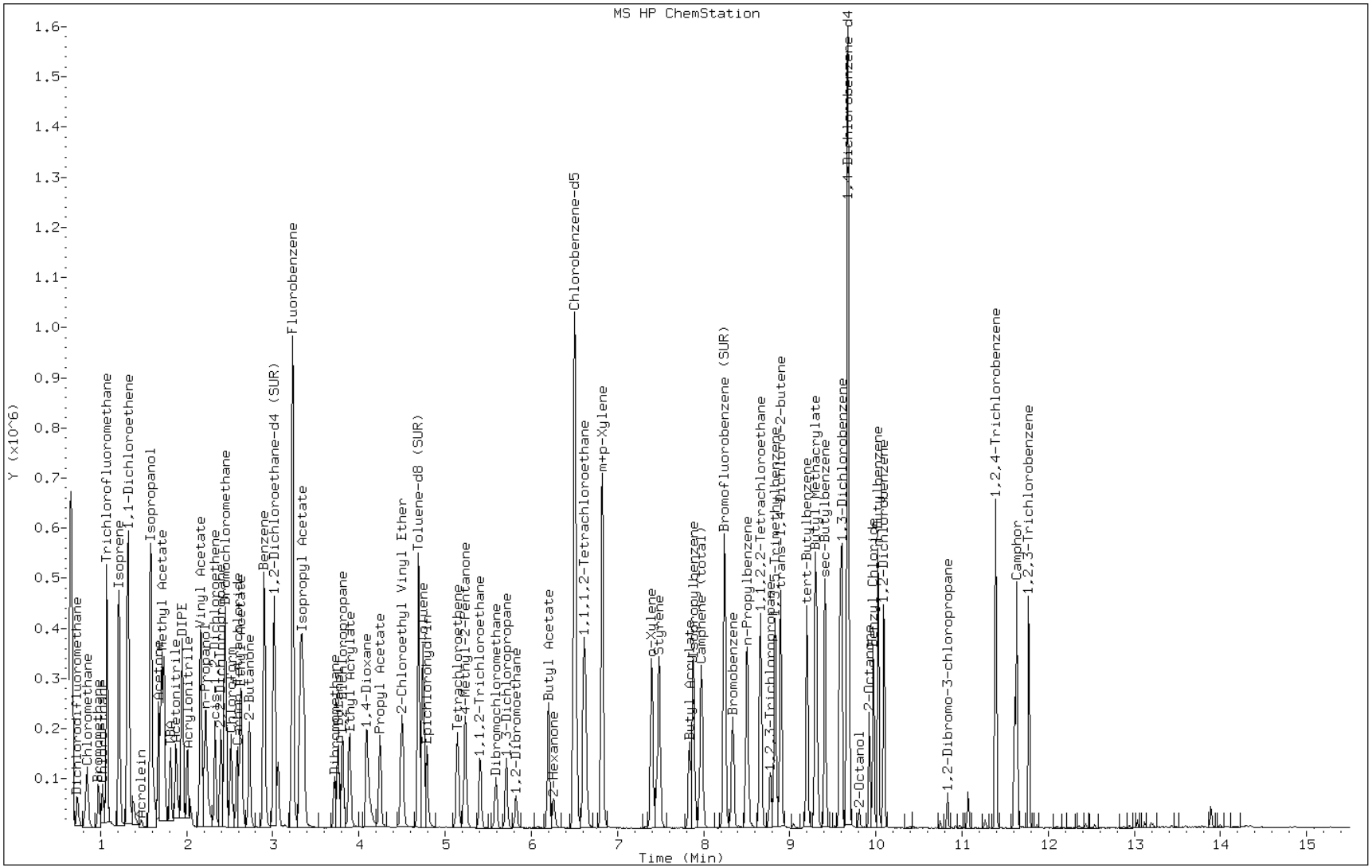
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 121 Xylene (Total)	100				360920	60.0000	54

Data File: p30562.d

Date: 27-AUG-2009 08:02

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15569/2 Calibration Date: 08/28/2009 08:03

Instrument ID: VOAMS13 Calib Start Date: 08/26/2009 14:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/26/2009 17:14

Lab File ID: p30589.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1771	0.1652		18.7	20.0	-6.7	50.0
Chloromethane	Ave	0.1984	0.1940	0.1000	19.6	20.0	-2.2	50.0
Vinyl chloride	Ave	0.2233	0.2130		19.1	20.0	-4.6	20.0
Bromomethane	QuaF	0.1406	0.0980		16.5	20.0	-17.4	50.0
Chloroethane	Ave	0.1560	0.1406		18.0	20.0	-9.8	50.0
Pentane	LinF	0.0545	0.0540		25.9	20.0	29.4	50.0
Trichlorofluoromethane	Ave	0.3640	0.3653		20.1	20.0	0.4	50.0
2-Methyl-1,3-butadiene	Ave	0.3371	0.4044		24.0	20.0	20.0	50.0
Ethyl ether	Ave	0.1916	0.2097		21.9	20.0	9.5	50.0
1,1-Dichloroethene	Ave	0.1702	0.1772		20.8	20.0	4.1	20.0
Carbon disulfide	Ave	0.7445	0.8521		22.9	20.0	14.5	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2183	0.2662		24.4	20.0	21.9	50.0
Acrolein	Ave	0.0165	0.0156		37.8	40.0	-5.5	99.0
Isopropyl alcohol	Ave	0.0118	0.0125		3190	3000	6.2	50.0
Methylene Chloride	Ave	0.2241	0.2369		21.1	20.0	5.7	50.0
Acetone	Ave	0.0192	0.0262		27.4	20.0	36.8	50.0
trans-1,2-Dichloroethene	Ave	0.2235	0.2296		20.5	20.0	2.7	50.0
Methyl acetate	Ave	0.0707	0.0788		22.3	20.0	11.4	50.0
Hexane	Ave	0.1859	0.2187		23.5	20.0	17.6	50.0
Methyl tert-butyl ether	Ave	0.6794	0.7741		22.8	20.0	13.9	50.0
2-Methyl-2-propanol	Ave	0.0206	0.0222		432	400	8.0	50.0
Acetonitrile	Ave	0.0048	0.0051		421	400	5.2	50.0
Isopropyl ether	Ave	0.6914	0.7912		22.9	20.0	14.4	50.0
1,1-Dichloroethane	Ave	0.3931	0.4072	0.1000	20.7	20.0	3.6	50.0
Acrylonitrile	Ave	0.0715	0.0726		20.3	20.0	1.5	50.0
Tert-butyl ethyl ether	Ave	0.7169	0.8133	0.0100	22.7	20.0	13.5	50.0
Vinyl acetate	Ave	0.2632	0.3093		23.5	20.0	17.5	50.0
cis-1,2-Dichloroethene	Ave	0.2472	0.2556		20.7	20.0	3.4	50.0
2,2-Dichloropropane	Ave	0.3454	0.3719		21.5	20.0	7.7	50.0
Cyclohexane	Ave	0.3901	0.4570		23.4	20.0	17.1	50.0
Chlorobromomethane	Ave	0.1195	0.1276		21.4	20.0	6.8	50.0
Chloroform	Ave	0.3927	0.4046		20.6	20.0	3.0	20.0
Carbon tetrachloride	Ave	0.2895	0.3164		21.9	20.0	9.3	50.0
Ethyl acetate	Ave	0.0239	0.0267		44.6	40.0	11.5	50.0
Tetrahydrofuran	Ave	0.0869	0.1009		23.2	20.0	16.2	50.0
1,1,1-Trichloroethane	Ave	0.3472	0.3715		21.4	20.0	7.0	50.0
1,1-Dichloropropene	Ave	0.3013	0.3086		20.5	20.0	2.4	50.0
2-Butanone (MEK)	LinF	0.0344	0.0426		22.6	20.0	12.8	50.0
n-Heptane	Ave	0.1316	0.1497		22.8	20.0	13.8	50.0
Benzene	Ave	1.181	1.213		20.5	20.0	2.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15569/2 Calibration Date: 08/28/2009 08:03

Instrument ID: VOAMS13 Calib Start Date: 08/26/2009 14:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/26/2009 17:14

Lab File ID: p30589.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.6048	0.6798		22.5	20.0	12.4	50.0
1,2-Dichloroethane	Ave	0.2912	0.2993		20.6	20.0	2.8	50.0
Isopropyl acetate	LinF	0.3258	0.3706		41.7	40.0	4.2	50.0
Methylcyclohexane	Ave	0.3687	0.4400		23.9	20.0	19.3	50.0
Trichloroethene	Ave	0.2257	0.2307		20.4	20.0	2.2	50.0
Dibromomethane	Ave	0.1248	0.1312		21.0	20.0	5.2	50.0
n-Butanol	QuaF	0.0041	0.0045		1670	1500	11.6	50.0
1,2-Dichloropropane	Ave	0.2107	0.2238		21.2	20.0	6.2	20.0
Dichlorobromomethane	Ave	0.2844	0.3039		21.4	20.0	6.8	50.0
Ethyl acrylate	Ave	0.2156	0.2405		22.3	20.0	11.5	50.0
Methyl methacrylate	LinF	0.0561	0.0661		21.6	20.0	8.2	50.0
1,4-Dioxane	Ave	0.0024	0.0027		3400	3000	13.1	50.0
n-Propyl acetate	Ave	0.2426	0.2702		44.5	40.0	11.4	50.0
2-Chloroethyl vinyl ether	LinF	0.1317	0.1501		21.2	20.0	5.8	50.0
cis-1,3-Dichloropropene	Ave	0.4570	0.4987		21.8	20.0	9.1	50.0
Toluene	Ave	1.333	1.477		22.2	20.0	10.8	20.0
Epichlorohydrin	Ave	0.0233	0.0278		477	400	19.1	50.0
Tetrachloroethene	Ave	0.2993	0.3226		21.6	20.0	7.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2079	0.2349		22.6	20.0	13.0	50.0
trans-1,3-Dichloropropene	Ave	0.4225	0.4511		21.4	20.0	6.8	50.0
1,1,2-Trichloroethane	Ave	0.1972	0.2114		21.4	20.0	7.2	50.0
Chlorodibromomethane	Ave	0.2800	0.2922		20.9	20.0	4.4	50.0
1,3-Dichloropropane	Ave	0.4174	0.4466		21.4	20.0	7.0	50.0
Ethylene Dibromide	Ave	0.2425	0.2644		21.8	20.0	9.0	50.0
n-Butyl acetate	Ave	0.0642	0.0737		45.9	40.0	14.8	50.0
2-Hexanone	LinF	0.1581	0.1850		22.7	20.0	13.3	50.0
Chlorobenzene	Ave	0.8405	0.8867	0.3000	21.1	20.0	5.5	50.0
Ethylbenzene	Ave	0.4421	0.4804		21.7	20.0	8.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2840	0.2861		20.1	20.0	0.7	50.0
m-Xylene & p-Xylene	Ave	0.5505	0.6092		44.3	40.0	10.7	50.0
o-Xylene	Ave	0.5225	0.5516		21.1	20.0	5.6	50.0
Bromoform	Ave	0.1739	0.1858	0.1000	21.4	20.0	6.8	50.0
Styrene	Ave	0.9137	0.9513		20.8	20.0	4.1	50.0
n-Butyl acrylate	Ave	0.1815	0.2059		22.7	20.0	13.5	50.0
Isopropylbenzene	Ave	1.327	1.357		20.5	20.0	2.3	50.0
Camphene	Ave	0.4588	0.5358		23.4	20.0	16.8	50.0
Bromobenzene	Ave	0.6605	0.6818		20.6	20.0	3.2	50.0
N-Propylbenzene	Ave	2.947	3.067		20.8	20.0	4.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5320	0.5532	0.3000	20.8	20.0	4.0	50.0
2-Chlorotoluene	Ave	1.798	1.842		20.5	20.0	2.5	50.0
1,2,3-Trichloropropane	Ave	0.1673	0.1709		20.4	20.0	2.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15569/2 Calibration Date: 08/28/2009 08:03

Instrument ID: VOAMS13 Calib Start Date: 08/26/2009 14:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/26/2009 17:14

Lab File ID: p30589.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.103	2.143		20.4	20.0	1.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1900	0.2140		22.5	20.0	12.6	50.0
4-Chlorotoluene	Ave	1.940	1.987		20.5	20.0	2.5	50.0
tert-Butylbenzene	Ave	1.823	1.896		20.8	20.0	4.0	50.0
1,2,4-Trimethylbenzene	Ave	2.197	2.247		20.5	20.0	2.3	50.0
Butyl Methacrylate	Ave	0.6559	0.7404		22.6	20.0	12.9	50.0
sec-Butylbenzene	Ave	2.687	2.779		20.7	20.0	3.4	50.0
1,3-Dichlorobenzene	Ave	1.298	1.342		20.7	20.0	3.4	50.0
4-Isopropyltoluene	Ave	2.338	2.438		20.9	20.0	4.3	50.0
1,4-Dichlorobenzene	Ave	1.342	1.382		20.6	20.0	3.0	50.0
2-Octanol	QuaF	0.1445	0.1281		16.6	20.0	-16.8	50.0
2-Octanone	LinF	0.6676	0.7354		20.5	20.0	2.6	50.0
Benzyl chloride	Ave	1.284	1.632		25.4	20.0	27.1	50.0
n-Butylbenzene	Ave	2.108	2.196		20.8	20.0	4.2	50.0
1,2-Dichlorobenzene	Ave	1.259	1.292		20.5	20.0	2.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1171	0.1203		20.5	20.0	2.7	50.0
1,2,4-Trichlorobenzene	Ave	0.9086	0.9154		20.1	20.0	0.8	50.0
Hexachlorobutadiene	Ave	0.3215	0.3572		22.2	20.0	11.1	50.0
Camphor	Ave	0.0630	0.0703		112	100	11.6	50.0
Naphthalene	Ave	2.201	2.381		21.6	20.0	8.2	50.0
1,2,3-Trichlorobenzene	Ave	0.8234	0.8313		20.2	20.0	1.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1540	0.1596		51.8	50.0	3.6	50.0
Toluene-d8 (Surr)	Ave	0.5988	0.6544		54.6	50.0	9.3	50.0
4-Bromofluorobenzene	Ave	0.5683	0.6311		55.5	50.0	11.1	50.0

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30589.d
Report Date: 28-Aug-2009 12:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30589.d
Lab Smp Id: CCVIS
Inj Date : 28-AUG-2009 08:03
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/8260_09.m
Meth Date : 28-Aug-2009 12:44 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	53603	20.0000	19
3 Chloromethane	50	0.830	0.830	(0.257)	62937	20.0000	20
4 Vinyl Chloride	62	0.845	0.845	(0.261)	69117	20.0000	19
6 Bromomethane	94	0.974	0.974	(0.301)	31802	20.0000	16
5 Chloroethane	64	1.024	1.024	(0.317)	45625	20.0000	18
7 Trichlorofluoromethane	101	1.074	1.074	(0.332)	118545	20.0000	20
8 n-Pentane	72	1.074	1.074	(0.332)	17506	20.0000	26
10 Isoprene	67	1.210	1.210	(0.375)	131211	20.0000	24
11 Ethyl Ether	59	1.224	1.224	(0.379)	68049	20.0000	22
13 Acrolein	56	1.475	1.475	(0.457)	10129	40.0000	38
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	57515	20.0000	21
14 Freon TF	101	1.324	1.324	(0.410)	86378	20.0000	24
16 Acetone	58	1.633	1.633	(0.505)	8512	20.0000	27
18 Carbon Disulfide	76	1.317	1.317	(0.408)	276517	20.0000	23
19 Isopropanol	45	1.575	1.575	(0.488)	610165	3000.00	3200
21 Acetonitrile	39	1.876	1.876	(0.581)	32871	400.000	420

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30589.d
Report Date: 28-Aug-2009 12:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	27 Methyl Acetate	74	1.690	1.690	(0.523)	25579	20.0000	22
	22 Methylene Chloride	84	1.597	1.597	(0.494)	76878	20.0000	21
	24 TBA	59	1.812	1.812	(0.561)	144021	400.000	430
	25 trans-1,2-Dichloroethene	96	1.668	1.668	(0.517)	74495	20.0000	20
	26 Acrylonitrile	53	2.048	2.048	(0.634)	23551	20.0000	20
	28 MTBE	73	1.740	1.740	(0.539)	251191	20.0000	23
	29 Hexane	56	1.711	1.711	(0.530)	70956	20.0000	24
	30 1,1-Dichloroethane	63	2.005	2.005	(0.621)	132130	20.0000	21
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	100352	20.0000	23
	32 DIPE	45	1.948	1.948	(0.603)	256730	20.0000	23
	34 n-Propanol	60	2.227	2.227	(0.690)	38859	3000.00	3300
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	263923	20.0000	23
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	120680	20.0000	22
	36 cis-1,2-Dichloroethene	96	2.327	2.327	(0.721)	82950	20.0000	21
	38 2-Butanone	72	2.743	2.743	(0.849)	13835	20.0000	22
	39 Ethyl Acetate	70	2.621	2.621	(0.811)	17313	40.0000	44
	40 Bromochloromethane	128	2.456	2.456	(0.760)	41411	20.0000	21
	41 Tetrahydrofuran	42	2.621	2.621	(0.811)	32755	20.0000	23
	42 Chloroform	83	2.514	2.514	(0.778)	131276	20.0000	21
	43 1,1,1-Trichloroethane	97	2.635	2.635	(0.816)	120562	20.0000	21
	44 Cyclohexane	56	2.442	2.442	(0.756)	148283	20.0000	23
	45 Carbon Tetrachloride	117	2.585	2.585	(0.800)	102673	20.0000	22
	46 1,1-Dichloropropene	75	2.721	2.721	(0.843)	100145	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	129447	50.0000	52
	48 Benzene	78	2.900	2.900	(0.446)	296977	20.0000	20
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	97130	20.0000	20
	51 n-Heptane	57	2.893	2.893	(0.896)	48570	20.0000	23
	50 t-Amyl-methyl-ether	73	3.015	3.015	(0.933)	220583	20.0000	22
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	240513	40.0000	42
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	811249	50.0000	
	54 Trichloroethene	95	3.366	3.366	(1.042)	74864	20.0000	20
	53 n-Butanol	56	3.753	3.753	(1.162)	108314	1500.00	1700
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	142763	20.0000	24
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	78025	20.0000	22
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	72633	20.0000	21
	58 Dibromomethane	93	3.717	3.717	(1.151)	42587	20.0000	21
	60 1,4-Dioxane	88	4.097	4.097	(1.268)	131175	3000.00	3400
	59 Methyl Methacrylate	100	4.082	4.082	(1.264)	21435	20.0000	22
	75 Propyl Acetate	43	4.240	4.240	(1.313)	175343	40.0000	44
	68 Bromodichloromethane	83	3.882	3.882	(1.202)	98615	20.0000	21
	62 2-Chloroethyl Vinyl Ether	63	4.491	4.491	(1.390)	48721	20.0000	21
	63 Epichlorohydrin	57	4.784	4.784	(0.736)	136066	400.000	480
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	122112	20.0000	22
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.803)	57518	20.0000	22
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	400580	50.0000	55
	66 Toluene	91	4.741	4.741	(0.729)	361637	20.0000	22
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.805)	110442	20.0000	21

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30589.d
Report Date: 28-Aug-2009 12:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
69	1,1,2-Trichloroethane	83	5.407	5.407	(0.831)	51752	20.0000	21
71	Tetrachloroethene	166	5.142	5.142	(0.791)	78992	20.0000	22
72	1,3-Dichloropropane	76	5.708	5.708	(0.878)	109349	20.0000	21
73	2-Hexanone	43	6.260	6.260	(0.963)	45293	20.0000	23
74	Dibromochloromethane	129	5.586	5.586	(0.859)	71549	20.0000	21
76	Butyl Acetate	73	6.203	6.203	(0.954)	36090	40.0000	46
77	1,2-Dibromoethane	107	5.823	5.823	(0.895)	64727	20.0000	22
* 78	Chlorobenzene-d5	117	6.503	6.503	(1.000)	612139	50.0000	
79	Chlorobenzene	112	6.518	6.518	(1.002)	217116	20.0000	21
80	1,1,1,2-Tetrachloroethane	131	6.632	6.632	(1.020)	70046	20.0000	20
81	Ethylbenzene	106	6.611	6.611	(1.017)	117633	20.0000	22
82	m+p-Xylene	106	6.826	6.826	(1.050)	298339	40.0000	44
84	o-Xylene	106	7.399	7.399	(1.138)	135050	20.0000	21
85	Styrene	104	7.485	7.485	(1.151)	232933	20.0000	21
83	Butyl Acrylate	73	7.836	7.836	(1.205)	50420	20.0000	23
86	Bromoform	173	7.456	7.456	(1.146)	45489	20.0000	21
88	Isopropylbenzene	105	7.879	7.879	(1.211)	332229	20.0000	20
$ 89	Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	216080	50.0000	56
90	Camphene (total)	93	7.979	7.979	(1.227)	131192	20.0000	23
91	Bromobenzene	156	8.337	8.337	(0.862)	93367	20.0000	21
92	1,1,2,2-Tetrachloroethane	83	8.659	8.659	(0.896)	75759	20.0000	21
93	1,2,3-Trichloropropane	110	8.774	8.774	(0.907)	23404	20.0000	20
94	trans-1,4-Dichloro-2-butene	53	8.889	8.889	(0.919)	29312	20.0000	22
95	n-Propylbenzene	91	8.502	8.502	(0.879)	420041	20.0000	21
96	2-Chlorotoluene	91	8.659	8.659	(0.896)	252277	20.0000	20
97	1,3,5-Trimethylbenzene	105	8.831	8.831	(0.913)	293425	20.0000	20
98	4-Chlorotoluene	91	8.896	8.896	(0.920)	272140	20.0000	20
99	Butyl Methacrylate	87	9.311	9.311	(0.963)	101401	20.0000	22
100	tert-Butylbenzene	119	9.204	9.204	(0.952)	259700	20.0000	21
101	1,2,4-Trimethylbenzene	105	9.297	9.297	(0.961)	307748	20.0000	20
102	2-Octanone	43	9.920	9.920	(1.026)	100705	20.0000	20
103	sec-Butylbenzene	105	9.412	9.412	(0.973)	380513	20.0000	21
104	2-Octanol	45	9.806	9.806	(1.014)	17539	20.0000	17
105	1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	183805	20.0000	21
107	p-Isopropyltoluene	119	9.598	9.598	(0.993)	333837	20.0000	21
* 108	1,4-Dichlorobenzene-d4	152	9.669	9.669	(1.000)	342373	50.0000	
109	1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	189311	20.0000	21
110	Benzyl Chloride	91	9.970	9.970	(1.031)	223490	20.0000	25
106	n-Butylbenzene	91	10.028	10.028	(1.037)	300680	20.0000	21
111	1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	176879	20.0000	20
112	1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	16472	20.0000	20
113	Camphor	95	11.611	11.611	(1.201)	48158	100.000	110
114	1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	125364	20.0000	20
115	Hexachlorobutadiene	225	11.396	11.396	(1.179)	48920	20.0000	22
116	Naphthalene	128	11.632	11.632	(1.203)	326104	20.0000	22
117	1,2,3-Trichlorobenzene	180	11.775	11.775	(1.218)	113845	20.0000	20
M 120	1,2-Dichloroethene (Total)	100				157446	40.0000	41

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30589.d
Report Date: 28-Aug-2009 12:44

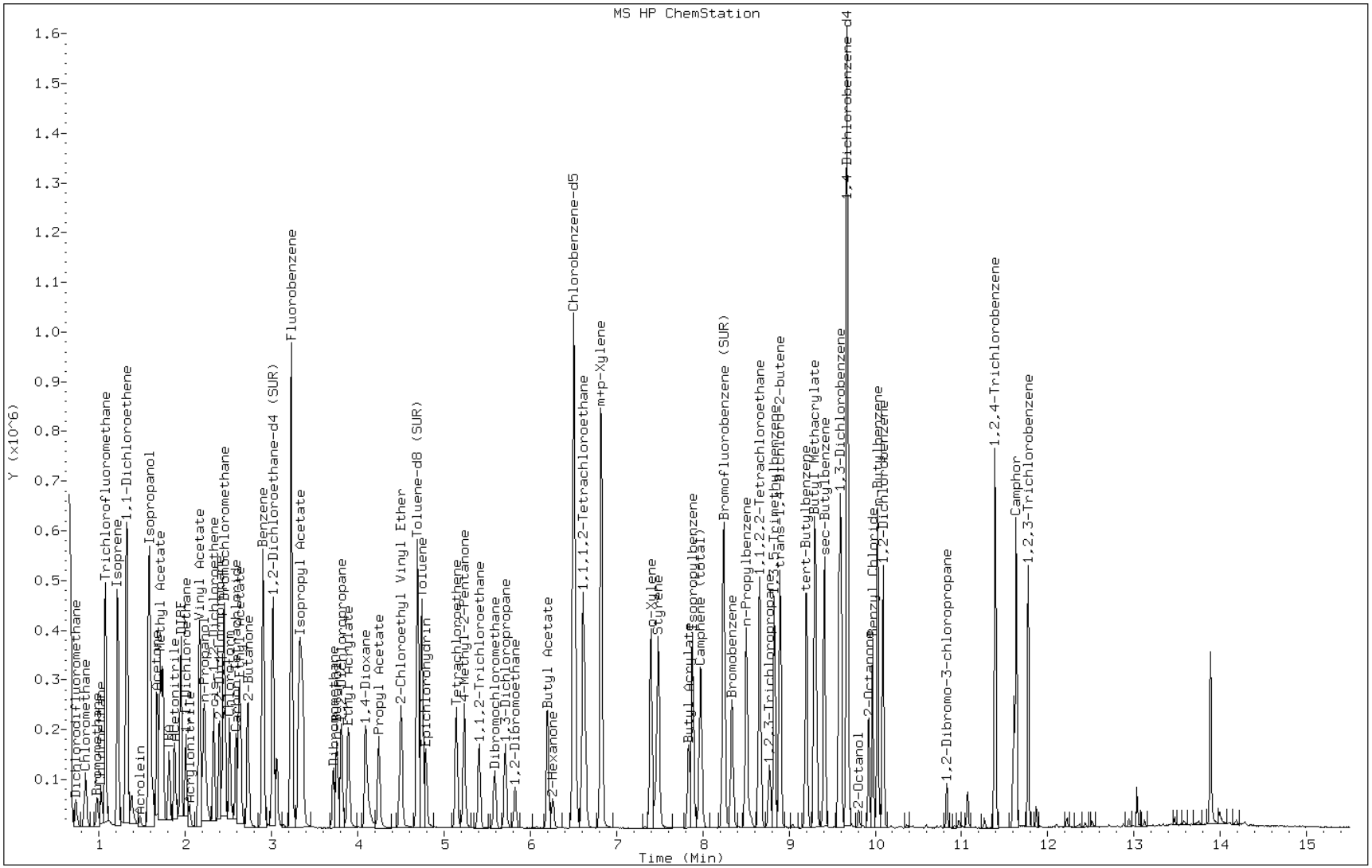
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 121 Xylene (Total)	100				433389	60.0000	65

Data File: p30589.d

Date: 28-AUG-2009 08:03

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15720/2 Calibration Date: 08/31/2009 08:50

Instrument ID: VOAMS13 Calib Start Date: 08/26/2009 14:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/26/2009 17:14

Lab File ID: p30619.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1771	0.2080		23.5	20.0	17.4	50.0
Chloromethane	Ave	0.1984	0.2436	0.1000	24.6	20.0	22.8	50.0
Vinyl chloride	Ave	0.2233	0.2678		24.0	20.0	19.9	20.0
Bromomethane	QuaF	0.1406	0.1273		21.4	20.0	7.0	50.0
Chloroethane	Ave	0.1560	0.1671		21.4	20.0	7.2	50.0
Pentane	LinF	0.0545	0.0465		22.3	20.0	11.6	50.0
Trichlorofluoromethane	Ave	0.3640	0.4133		22.7	20.0	13.5	50.0
2-Methyl-1,3-butadiene	Ave	0.3371	0.3453		20.5	20.0	2.4	50.0
Ethyl ether	Ave	0.1916	0.1865		19.5	20.0	-2.7	50.0
1,1-Dichloroethene	Ave	0.1702	0.1744		20.5	20.0	2.4	20.0
Carbon disulfide	Ave	0.7445	0.7225		19.4	20.0	-3.0	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2183	0.2218		20.3	20.0	1.6	50.0
Acrolein	Ave	0.0165	0.0113		27.3	40.0	-31.8	99.0
Isopropyl alcohol	Ave	0.0118	0.0138		3510	3000	16.9	50.0
Methylene Chloride	Ave	0.2241	0.2302		20.5	20.0	2.7	50.0
Acetone	Ave	0.0192	0.0210		21.9	20.0	9.3	50.0
trans-1,2-Dichloroethene	Ave	0.2235	0.2194		19.6	20.0	-1.8	50.0
Methyl acetate	Ave	0.0707	0.0747		21.1	20.0	5.6	50.0
Hexane	Ave	0.1859	0.1880		20.2	20.0	1.2	50.0
Methyl tert-butyl ether	Ave	0.6794	0.7014		20.6	20.0	3.2	50.0
2-Methyl-2-propanol	Ave	0.0206	0.0224		435	400	8.8	50.0
Acetonitrile	Ave	0.0048	0.0043		359	400	-10.2	50.0
Isopropyl ether	Ave	0.6914	0.7150		20.7	20.0	3.4	50.0
1,1-Dichloroethane	Ave	0.3931	0.4037	0.1000	20.5	20.0	2.7	50.0
Acrylonitrile	Ave	0.0715	0.0914		25.5	20.0	27.7	50.0
Tert-butyl ethyl ether	Ave	0.7169	0.7096	0.0100	19.8	20.0	-1.0	50.0
Vinyl acetate	Ave	0.2632	0.2447		18.6	20.0	-7.0	50.0
cis-1,2-Dichloroethene	Ave	0.2472	0.2516		20.4	20.0	1.8	50.0
2,2-Dichloropropane	Ave	0.3454	0.3598		20.8	20.0	4.2	50.0
Cyclohexane	Ave	0.3901	0.3959		20.3	20.0	1.5	50.0
Chlorobromomethane	Ave	0.1195	0.1222		20.5	20.0	2.3	50.0
Chloroform	Ave	0.3927	0.4106		20.9	20.0	4.5	20.0
Carbon tetrachloride	Ave	0.2895	0.3018		20.9	20.0	4.3	50.0
Ethyl acetate	Ave	0.0239	0.0253		42.3	40.0	5.7	50.0
Tetrahydrofuran	Ave	0.0869	0.0886		20.4	20.0	1.9	50.0
1,1,1-Trichloroethane	Ave	0.3472	0.3517		20.3	20.0	1.3	50.0
1,1-Dichloropropene	Ave	0.3013	0.2891		19.2	20.0	-4.1	50.0
2-Butanone (MEK)	LinF	0.0344	0.0360		19.0	20.0	-4.8	50.0
n-Heptane	Ave	0.1316	0.1267		19.3	20.0	-3.7	50.0
Benzene	Ave	1.181	1.160		19.6	20.0	-1.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15720/2 Calibration Date: 08/31/2009 08:50

Instrument ID: VOAMS13 Calib Start Date: 08/26/2009 14:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/26/2009 17:14

Lab File ID: p30619.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.6048	0.5950		19.7	20.0	-1.6	50.0
1,2-Dichloroethane	Ave	0.2912	0.2886		19.8	20.0	-0.9	50.0
Isopropyl acetate	LinF	0.3258	0.3409		38.3	40.0	-4.2	50.0
Methylcyclohexane	Ave	0.3687	0.3792		20.6	20.0	2.8	50.0
Trichloroethene	Ave	0.2257	0.2206		19.5	20.0	-2.3	50.0
Dibromomethane	Ave	0.1248	0.1265		20.3	20.0	1.4	50.0
n-Butanol	QuaF	0.0041	0.0044		1660	1500	10.4	50.0
1,2-Dichloropropane	Ave	0.2107	0.2179		20.7	20.0	3.4	20.0
Dichlorobromomethane	Ave	0.2844	0.2937		20.7	20.0	3.3	50.0
Ethyl acrylate	Ave	0.2156	0.2257		20.9	20.0	4.7	50.0
Methyl methacrylate	LinF	0.0561	0.0598		19.6	20.0	-2.0	50.0
1,4-Dioxane	Ave	0.0024	0.0026		3300	3000	10.1	50.0
n-Propyl acetate	Ave	0.2426	0.2509		41.4	40.0	3.4	50.0
2-Chloroethyl vinyl ether	LinF	0.1317	0.1292		18.2	20.0	-9.0	50.0
cis-1,3-Dichloropropene	Ave	0.4570	0.4773		20.9	20.0	4.4	50.0
Toluene	Ave	1.333	1.315		19.7	20.0	-1.4	20.0
Epichlorohydrin	Ave	0.0233	0.0242		416	400	3.9	50.0
Tetrachloroethene	Ave	0.2993	0.3031		20.3	20.0	1.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2079	0.2199		21.2	20.0	5.8	50.0
trans-1,3-Dichloropropene	Ave	0.4225	0.4442		21.0	20.0	5.1	50.0
1,1,2-Trichloroethane	Ave	0.1972	0.2050		20.8	20.0	4.0	50.0
Chlorodibromomethane	Ave	0.2800	0.2873		20.5	20.0	2.6	50.0
1,3-Dichloropropane	Ave	0.4174	0.4480		21.5	20.0	7.3	50.0
Ethylene Dibromide	Ave	0.2425	0.2556		21.1	20.0	5.4	50.0
n-Butyl acetate	Ave	0.0642	0.0646		40.2	40.0	0.6	50.0
2-Hexanone	LinF	0.1581	0.1763		21.6	20.0	8.0	50.0
Chlorobenzene	Ave	0.8405	0.8408	0.3000	20.0	20.0	0.0	50.0
Ethylbenzene	Ave	0.4421	0.4448		20.1	20.0	0.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2840	0.2830		19.9	20.0	-0.4	50.0
m-Xylene & p-Xylene	Ave	0.5505	0.5519		40.1	40.0	0.2	50.0
o-Xylene	Ave	0.5225	0.5273		20.2	20.0	0.9	50.0
Bromoform	Ave	0.1739	0.1799	0.1000	20.7	20.0	3.4	50.0
Styrene	Ave	0.9137	0.9162		20.1	20.0	0.3	50.0
n-Butyl acrylate	Ave	0.1815	0.1857		20.5	20.0	2.3	50.0
Isopropylbenzene	Ave	1.327	1.341		20.2	20.0	1.1	50.0
Camphene	Ave	0.4588	0.4605		20.1	20.0	0.4	50.0
Bromobenzene	Ave	0.6605	0.6610		20.0	20.0	0.1	50.0
N-Propylbenzene	Ave	2.947	3.049		20.7	20.0	3.5	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5320	0.5610	0.3000	21.1	20.0	5.4	50.0
2-Chlorotoluene	Ave	1.798	1.804		20.1	20.0	0.4	50.0
1,2,3-Trichloropropane	Ave	0.1673	0.1793		21.4	20.0	7.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15720/2 Calibration Date: 08/31/2009 08:50

Instrument ID: VOAMS13 Calib Start Date: 08/26/2009 14:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/26/2009 17:14

Lab File ID: p30619.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.103	2.135		20.3	20.0	1.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1900	0.1941		20.4	20.0	2.1	50.0
4-Chlorotoluene	Ave	1.940	1.978		20.4	20.0	2.0	50.0
tert-Butylbenzene	Ave	1.823	1.912		21.0	20.0	4.9	50.0
1,2,4-Trimethylbenzene	Ave	2.197	2.240		20.4	20.0	2.0	50.0
Butyl Methacrylate	Ave	0.6559	0.6436		19.6	20.0	-1.9	50.0
sec-Butylbenzene	Ave	2.687	2.772		20.6	20.0	3.2	50.0
1,3-Dichlorobenzene	Ave	1.298	1.325		20.4	20.0	2.1	50.0
4-Isopropyltoluene	Ave	2.338	2.401		20.5	20.0	2.7	50.0
1,4-Dichlorobenzene	Ave	1.342	1.362		20.3	20.0	1.5	50.0
2-Octanol	QuaF	0.1445	0.1301		16.9	20.0	-15.5	50.0
2-Octanone	LinF	0.6676	0.6938		19.4	20.0	-3.2	50.0
Benzyl chloride	Ave	1.284	1.360		21.2	20.0	6.0	50.0
n-Butylbenzene	Ave	2.108	2.162		20.5	20.0	2.6	50.0
1,2-Dichlorobenzene	Ave	1.259	1.289		20.5	20.0	2.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1171	0.1233		21.1	20.0	5.3	50.0
1,2,4-Trichlorobenzene	Ave	0.9086	0.9445		20.8	20.0	3.9	50.0
Hexachlorobutadiene	Ave	0.3215	0.3478		21.6	20.0	8.2	50.0
Camphor	Ave	0.0630	0.0676		107	100	7.3	50.0
Naphthalene	Ave	2.201	2.453		22.3	20.0	11.4	50.0
1,2,3-Trichlorobenzene	Ave	0.8234	0.8872		21.5	20.0	7.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1540	0.1478		48.0	50.0	-4.0	50.0
Toluene-d8 (Surr)	Ave	0.5988	0.6195		51.7	50.0	3.5	50.0
4-Bromofluorobenzene	Ave	0.5683	0.6504		57.2	50.0	14.5	50.0

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30619.d
Report Date: 31-Aug-2009 10:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30619.d
Lab Smp Id: CCVIS
Inj Date : 31-AUG-2009 08:50
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/8260_09.m
Meth Date : 31-Aug-2009 10:13 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	75428	20.0000	23
3 Chloromethane	50	0.837	0.837	(0.259)	88339	20.0000	24
4 Vinyl Chloride	62	0.845	0.845	(0.262)	97122	20.0000	24
6 Bromomethane	94	0.974	0.974	(0.301)	46159	20.0000	21
5 Chloroethane	64	1.024	1.024	(0.317)	60620	20.0000	21
7 Trichlorofluoromethane	101	1.074	1.074	(0.332)	149882	20.0000	23
8 n-Pentane	72	1.067	1.067	(0.330)	16865	20.0000	22
10 Isoprene	67	1.210	1.210	(0.375)	125219	20.0000	20
11 Ethyl Ether	59	1.224	1.224	(0.379)	67627	20.0000	19
13 Acrolein	56	1.475	1.475	(0.457)	8172	40.0000	27
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	63257	20.0000	20
14 Freon TF	101	1.325	1.325	(0.410)	80429	20.0000	20
16 Acetone	58	1.633	1.633	(0.505)	7601	20.0000	22
18 Carbon Disulfide	76	1.317	1.317	(0.408)	262048	20.0000	19
19 Isopropanol	45	1.582	1.582	(0.490)	750660	3000.00	3500
21 Acetonitrile	39	1.876	1.876	(0.581)	31343	400.000	360

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30619.d
Report Date: 31-Aug-2009 10:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	27 Methyl Acetate	74	1.690	1.690	(0.523)	27093	20.0000	21
	22 Methylene Chloride	84	1.597	1.597	(0.494)	83485	20.0000	20
	24 TBA	59	1.812	1.812	(0.561)	162178	400.000	440
	25 trans-1,2-Dichloroethene	96	1.668	1.668	(0.517)	79584	20.0000	20
	26 Acrylonitrile	53	2.048	2.048	(0.634)	33134	20.0000	26
	28 MTBE	73	1.740	1.740	(0.539)	254389	20.0000	21
	29 Hexane	56	1.711	1.711	(0.530)	68197	20.0000	20
	30 1,1-Dichloroethane	63	2.005	2.005	(0.621)	146407	20.0000	20
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	88742	20.0000	18
	32 DIPE	45	1.948	1.948	(0.603)	259313	20.0000	21
	34 n-Propanol	60	2.227	2.227	(0.690)	46496	3000.00	3500
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	257374	20.0000	20
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	130477	20.0000	21
	36 cis-1,2-Dichloroethene	96	2.327	2.327	(0.721)	91267	20.0000	20
	38 2-Butanone	72	2.743	2.743	(0.849)	13055	20.0000	19
	39 Ethyl Acetate	70	2.621	2.621	(0.811)	18345	40.0000	42
	40 Bromochloromethane	128	2.456	2.456	(0.760)	44322	20.0000	20
	41 Tetrahydrofuran	42	2.621	2.621	(0.811)	32118	20.0000	20
	42 Chloroform	83	2.514	2.514	(0.778)	148913	20.0000	21
	43 1,1,1-Trichloroethane	97	2.635	2.635	(0.816)	127562	20.0000	20
	44 Cyclohexane	56	2.442	2.442	(0.756)	143599	20.0000	20
	45 Carbon Tetrachloride	117	2.585	2.585	(0.800)	109448	20.0000	21
	46 1,1-Dichloropropene	75	2.721	2.721	(0.843)	104839	20.0000	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	133967	50.0000	48
	48 Benzene	78	2.900	2.900	(0.446)	317770	20.0000	20
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	104657	20.0000	20
	51 n-Heptane	57	2.893	2.893	(0.896)	45958	20.0000	19
	50 t-Amyl-methyl-ether	73	3.022	3.022	(0.936)	215818	20.0000	20
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	247288	40.0000	38
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	906730	50.0000	
	54 Trichloroethene	95	3.359	3.359	(1.040)	79997	20.0000	20
	53 n-Butanol	56	3.760	3.760	(1.164)	119511	1500.00	1600
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	137521	20.0000	20
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	81856	20.0000	21
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	79045	20.0000	21
	58 Dibromomethane	93	3.717	3.717	(1.151)	45886	20.0000	20
	60 1,4-Dioxane	88	4.104	4.104	(1.271)	142562	3000.00	3300
	59 Methyl Methacrylate	100	4.090	4.090	(1.266)	21701	20.0000	20
	75 Propyl Acetate	43	4.240	4.240	(1.313)	182003	40.0000	41
	68 Bromodichloromethane	83	3.889	3.889	(1.204)	106534	20.0000	21
	62 2-Chloroethyl Vinyl Ether	63	4.491	4.491	(1.390)	46851	20.0000	18
	63 Epichlorohydrin	57	4.791	4.791	(0.737)	132729	400.000	420
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	130763	20.0000	21
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.803)	60242	20.0000	21
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	424305	50.0000	52
	66 Toluene	91	4.741	4.741	(0.729)	360195	20.0000	20
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.805)	121689	20.0000	21

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30619.d
Report Date: 31-Aug-2009 10:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
69	1,1,2-Trichloroethane	83	5.407	5.407	(0.831)	56166	20.0000	21
71	Tetrachloroethene	166	5.142	5.142	(0.791)	83038	20.0000	20
72	1,3-Dichloropropane	76	5.708	5.708	(0.878)	122725	20.0000	21
73	2-Hexanone	43	6.260	6.260	(0.963)	48291	20.0000	22
74	Dibromochloromethane	129	5.587	5.587	(0.859)	78719	20.0000	20
76	Butyl Acetate	73	6.203	6.203	(0.954)	35376	40.0000	40
77	1,2-Dibromoethane	107	5.823	5.823	(0.895)	70020	20.0000	21
* 78	Chlorobenzene-d5	117	6.503	6.503	(1.000)	684891	50.0000	
79	Chlorobenzene	112	6.518	6.518	(1.002)	230347	20.0000	20
80	1,1,1,2-Tetrachloroethane	131	6.632	6.632	(1.020)	77524	20.0000	20
81	Ethylbenzene	106	6.611	6.611	(1.017)	121868	20.0000	20
82	m+p-Xylene	106	6.826	6.826	(1.050)	302373	40.0000	40
84	o-Xylene	106	7.399	7.399	(1.138)	144464	20.0000	20
85	Styrene	104	7.485	7.485	(1.151)	251006	20.0000	20
83	Butyl Acrylate	73	7.836	7.836	(1.205)	50878	20.0000	20
86	Bromoform	173	7.449	7.449	(1.145)	49273	20.0000	21
88	Isopropylbenzene	105	7.879	7.879	(1.211)	367446	20.0000	20
$ 89	Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	242625	50.0000	57
90	Camphene (total)	93	7.979	7.979	(1.227)	126154	20.0000	20
91	Bromobenzene	156	8.337	8.337	(0.862)	98637	20.0000	20
92	1,1,2,2-Tetrachloroethane	83	8.660	8.660	(0.896)	83711	20.0000	21
93	1,2,3-Trichloropropane	110	8.774	8.774	(0.907)	26757	20.0000	21
94	trans-1,4-Dichloro-2-butene	53	8.889	8.889	(0.919)	28960	20.0000	20
95	n-Propylbenzene	91	8.502	8.502	(0.879)	455008	20.0000	21
96	2-Chlorotoluene	91	8.660	8.660	(0.896)	269244	20.0000	20
97	1,3,5-Trimethylbenzene	105	8.831	8.831	(0.913)	318524	20.0000	20
98	4-Chlorotoluene	91	8.896	8.896	(0.920)	295163	20.0000	20
99	Butyl Methacrylate	87	9.311	9.311	(0.963)	96032	20.0000	20
100	tert-Butylbenzene	119	9.204	9.204	(0.952)	285275	20.0000	21
101	1,2,4-Trimethylbenzene	105	9.297	9.297	(0.961)	334235	20.0000	20
102	2-Octanone	43	9.920	9.920	(1.026)	103525	20.0000	19
103	sec-Butylbenzene	105	9.412	9.412	(0.973)	413682	20.0000	21
104	2-Octanol	45	9.806	9.806	(1.014)	19415	20.0000	17
105	1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	197694	20.0000	20
107	p-Isopropyltoluene	119	9.598	9.598	(0.993)	358298	20.0000	20
* 108	1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	373050	50.0000	
109	1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	203257	20.0000	20
110	Benzyl Chloride	91	9.970	9.970	(1.031)	202969	20.0000	21
106	n-Butylbenzene	91	10.028	10.028	(1.037)	322578	20.0000	20
111	1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	192369	20.0000	20
112	1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	18396	20.0000	21
113	Camphor	95	11.611	11.611	(1.201)	50468	100.000	110
114	1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	140936	20.0000	21
115	Hexachlorobutadiene	225	11.396	11.396	(1.179)	51897	20.0000	22
116	Naphthalene	128	11.632	11.632	(1.203)	365965	20.0000	22
117	1,2,3-Trichlorobenzene	180	11.775	11.775	(1.218)	132385	20.0000	22
M 120	1,2-Dichloroethene (Total)	100				170851	40.0000	40

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30619.d
Report Date: 31-Aug-2009 10:13

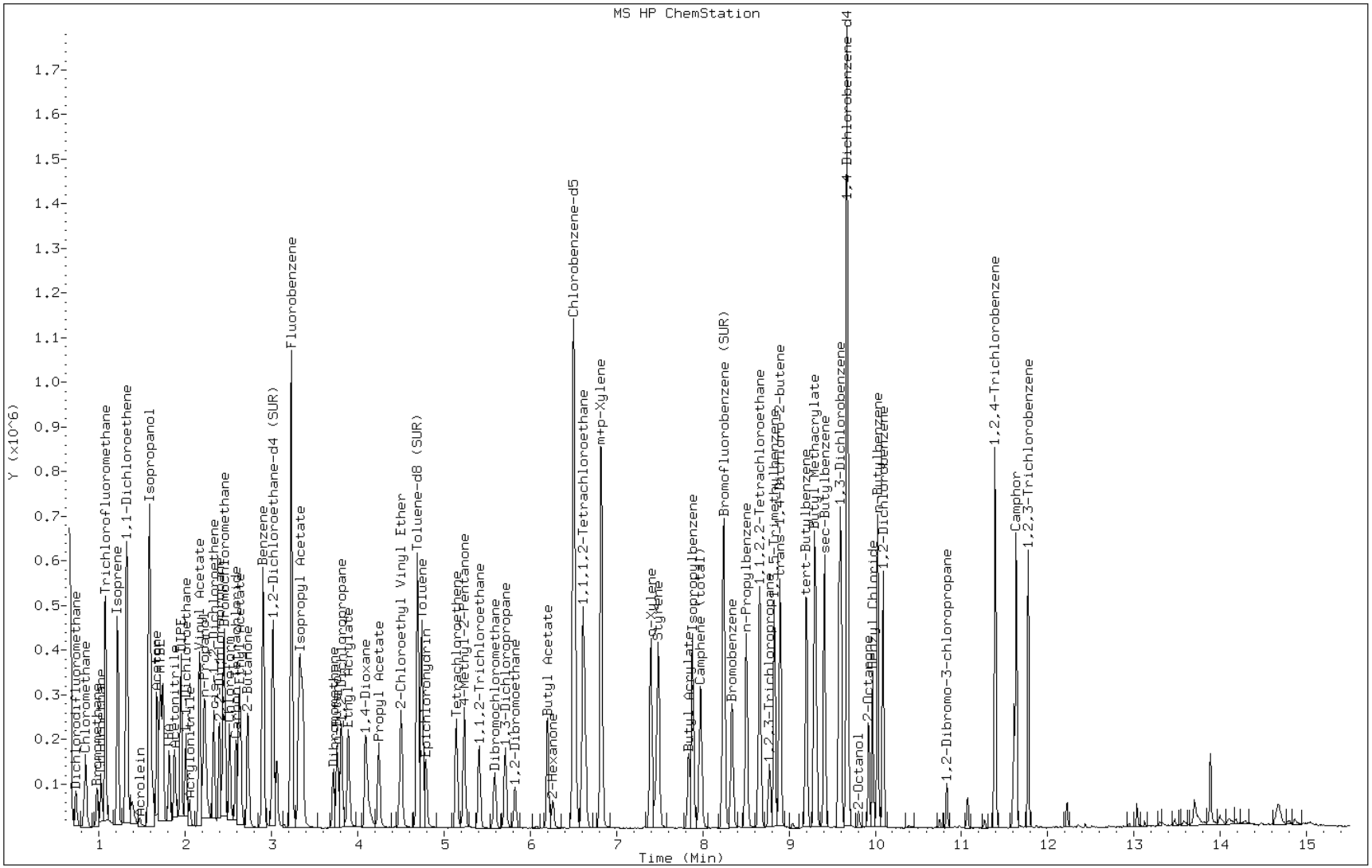
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 121 Xylene (Total)	100				446837	60.0000	60

Data File: p30619.d

Date: 31-AUG-2009 08:50

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30253.d
Report Date: 14-Aug-2009 17:25

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30253.d
Lab Smp Id: BFB
Inj Date : 14-AUG-2009 17:06
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.480	2.480 (0.000)	95	58578			0.00- 100.00	100.00
2.480	2.480 (0.000)	50	10731			15.00- 40.00	18.32
2.480	2.480 (0.000)	75	27754			30.00- 60.00	47.38
2.480	2.480 (0.000)	96	4000			5.00- 9.00	6.83
2.480	2.480 (0.000)	173	0			0.00- 2.00	0.00
2.480	2.480 (0.000)	174	47864			50.00- 100.00	81.71
2.480	2.480 (0.000)	175	3848			5.00- 9.00	8.04
2.480	2.480 (0.000)	176	46170			95.00- 101.00	96.46
2.480	2.480 (0.000)	177	3142			5.00- 9.00	6.81

Data File: p30253.d

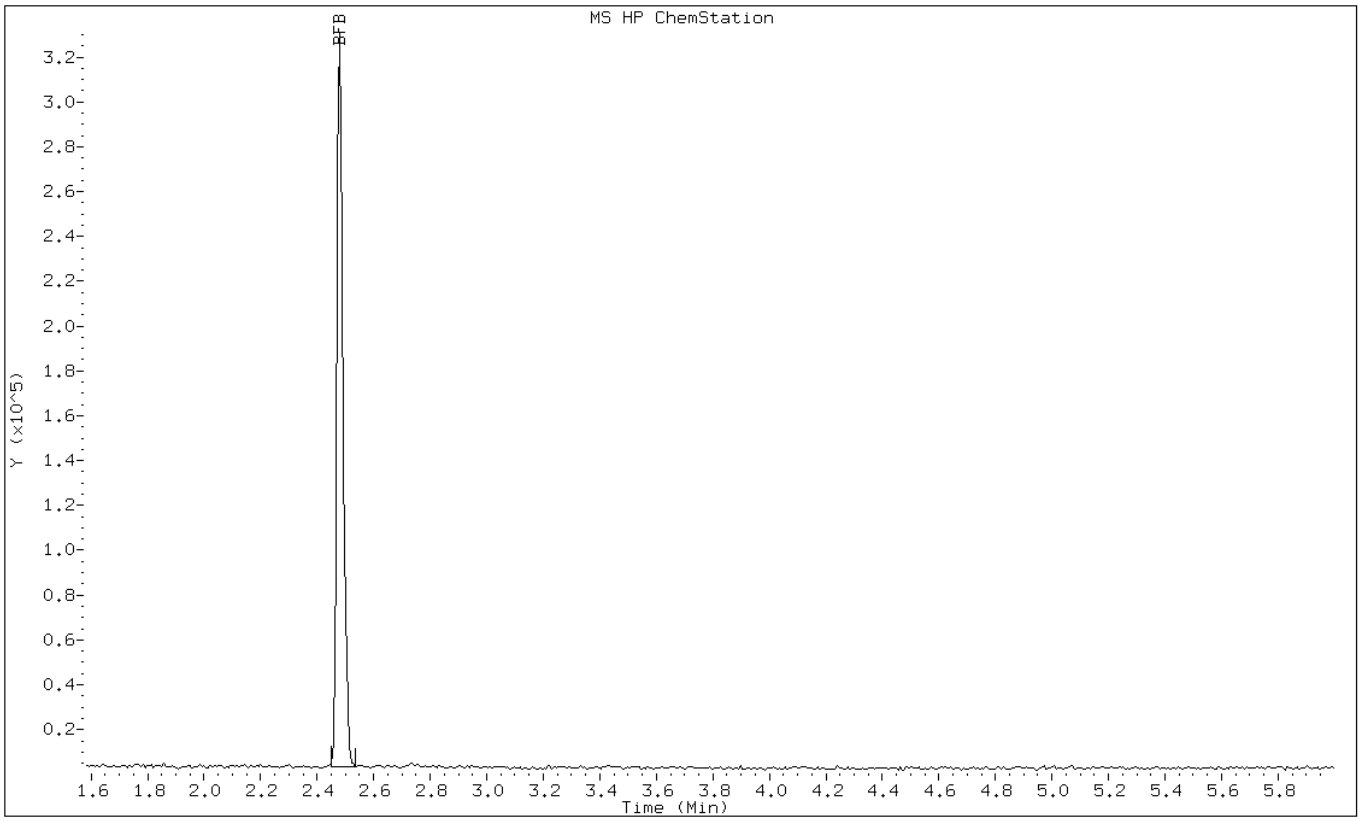
Date: 14-AUG-2009 17:06

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1



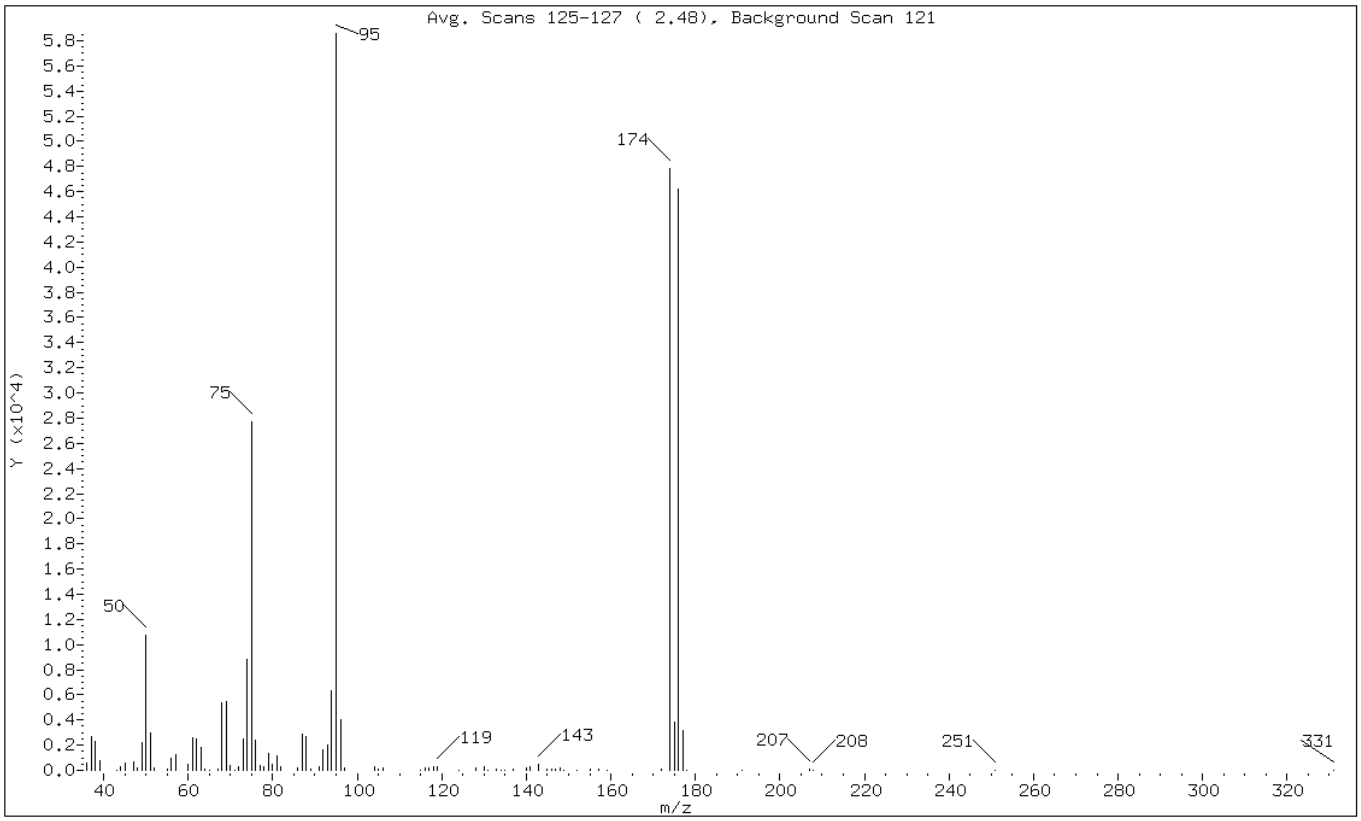
Data File: p30253.d

Date: 14-AUG-2009 17:06

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.32
75	30.00 - 60.00% of mass 95	47.38
96	5.00 - 9.00% of mass 95	6.83
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	81.71
175	5.00 - 9.00% of mass 174	6.57 (8.04)
176	95.00 - 101.00% of mass 174	78.82 (96.46)
177	5.00 - 9.00% of mass 176	5.36 (6.81)

Data File: p30253.d

Date: 14-AUG-2009 17:06

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b/p30253.d
Spectrum: Avg. Scans 125-127 (2.48), Background Scan 121
Location of Maximum: 95.00
Number of points: 88

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	546	68.00	5340	95.00	58576	146.00	85
37.00	2647	69.00	5444	96.00	4000	147.00	74
38.00	2277	70.00	414	97.00	207	148.00	159
39.00	801	71.00	40	104.00	267	149.00	39
43.00	45	72.00	316	105.00	121	152.00	33
44.00	327	73.00	2515	106.00	236	155.00	120
45.00	562	74.00	8849	115.00	41	157.00	68
47.00	692	75.00	27752	116.00	177	159.00	37
48.00	237	76.00	2419	117.00	220	172.00	84
49.00	2173	77.00	367	118.00	242	174.00	47864
50.00	10731	78.00	240	119.00	270	175.00	3848
51.00	2956	79.00	1378	124.00	34	176.00	46168
52.00	178	80.00	460	128.00	182	177.00	3142
55.00	130	81.00	1164	130.00	265	178.00	36
56.00	971	82.00	323	131.00	37	191.00	8
57.00	1280	86.00	145	133.00	108	207.00	58
60.00	499	87.00	2880	134.00	36	208.00	30
61.00	2623	88.00	2684	135.00	44	251.00	34
62.00	2532	89.00	54	137.00	101	331.00	34
63.00	1833	91.00	308	140.00	180		
64.00	125	92.00	1661	141.00	263		
65.00	47	93.00	2011	143.00	504		
67.00	119	94.00	6340	145.00	59		

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30411.d
Report Date: 21-Aug-2009 07:57

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30411.d
Lab Smp Id: BFB
Inj Date : 21-AUG-2009 07:41
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

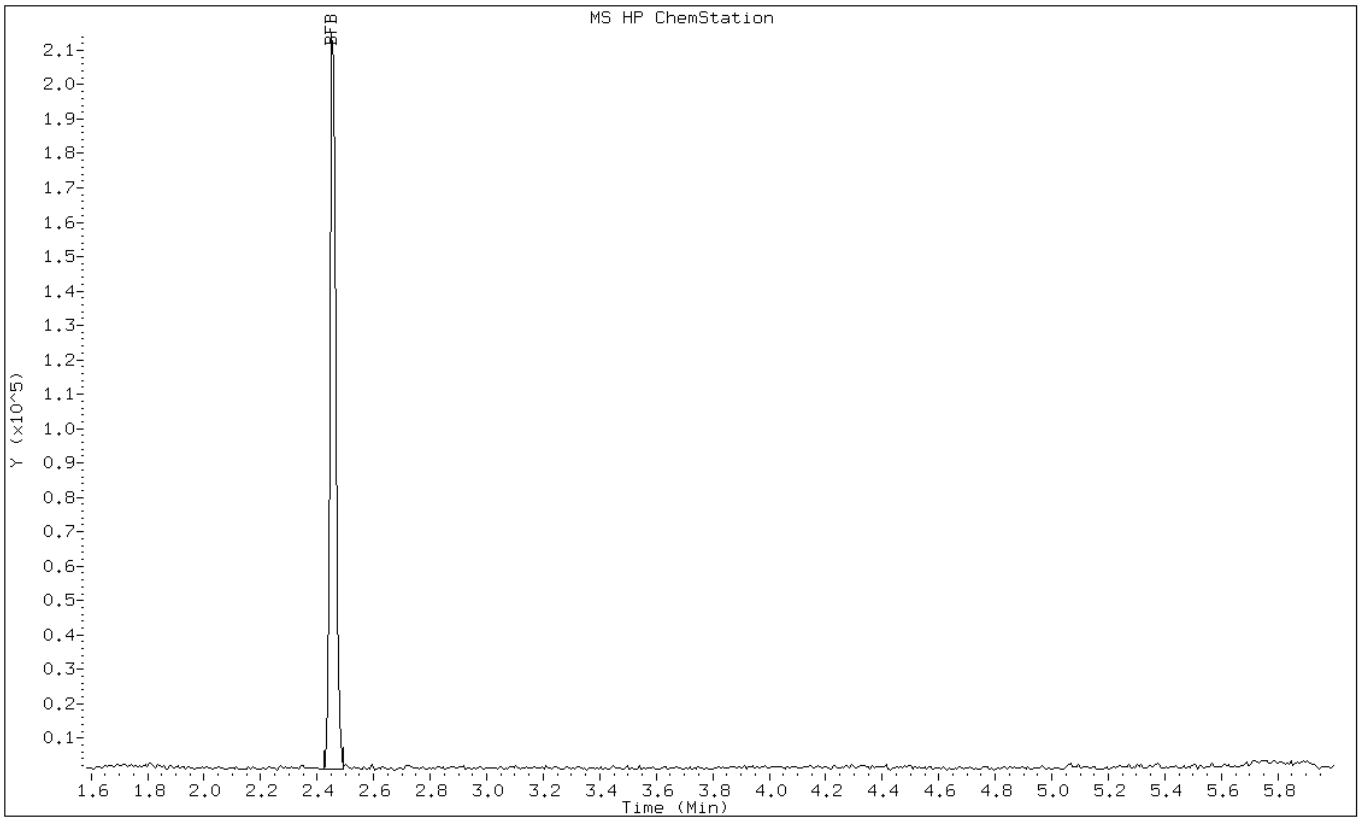
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.451	2.480 (0.000)	95	41560			0.00- 100.00	100.00
2.451	2.480 (0.000)	50	7067			15.00- 40.00	17.00
2.451	2.480 (0.000)	75	18992			30.00- 60.00	45.70
2.451	2.480 (0.000)	96	2671			5.00- 9.00	6.43
2.451	2.480 (0.000)	173	0			0.00- 2.00	0.00
2.451	2.480 (0.000)	174	37848			50.00- 100.00	91.07
2.451	2.480 (0.000)	175	3001			5.00- 9.00	7.93
2.451	2.480 (0.000)	176	36368			95.00- 101.00	96.09
2.451	2.480 (0.000)	177	2577			5.00- 9.00	7.09

Data File: p30411.d

Date: 21-AUG-2009 07:41

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



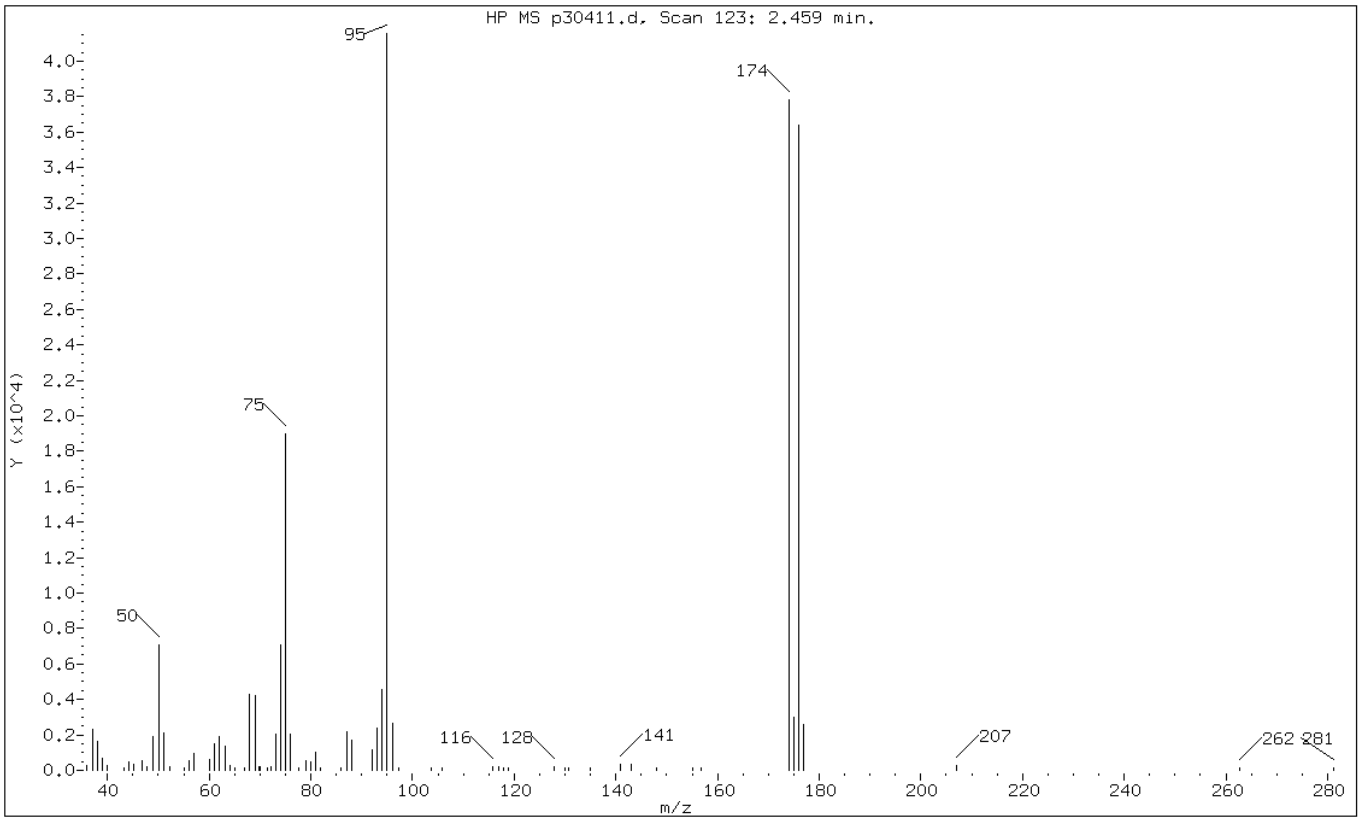
Data File: p30411.d

Date: 21-AUG-2009 07:41

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.00
75	30.00 - 60.00% of mass 95	45.70
96	5.00 - 9.00% of mass 95	6.43
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	91.07
175	5.00 - 9.00% of mass 174	7.22 (7.93)
176	95.00 - 101.00% of mass 174	87.51 (96.09)
177	5.00 - 9.00% of mass 176	6.20 (7.09)

Data File: p30411.d

Date: 21-AUG-2009 07:41

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30411.d
Spectrum: HP MS p30411.d, Scan 123: 2.459 min.
Location of Maximum: 95.00
Number of points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	246	61.00	1527	80.00	447	127.90	236
37.10	2321	62.00	1932	81.00	1039	129.90	136
38.00	1627	63.10	1394	81.80	139	130.70	137
39.00	663	64.10	251	85.90	145	134.90	128
40.00	295	65.00	123	87.00	2143	140.80	374
43.20	129	66.90	117	88.00	1687	143.00	328
44.10	475	68.00	4255	92.00	1148	147.90	152
45.10	311	69.00	4207	92.90	2356	155.00	110
46.90	558	69.80	207	94.00	4540	156.70	120
47.80	221	70.10	221	95.00	41560	174.00	37848
49.00	1872	71.50	112	96.00	2671	175.00	3001
50.10	7067	72.10	178	97.20	160	176.00	36368
51.10	2106	73.10	2040	103.70	139	176.90	2577
52.20	184	74.10	7094	105.70	157	207.00	249
55.00	152	75.00	18992	115.70	214	262.60	115
56.00	576	76.00	2011	116.90	192	281.20	103
57.00	940	77.70	141	118.00	125		
60.00	605	79.00	571	118.90	137		

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30439.d
Report Date: 24-Aug-2009 07:03

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30439.d
Lab Smp Id: BFB
Inj Date : 24-AUG-2009 06:45
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

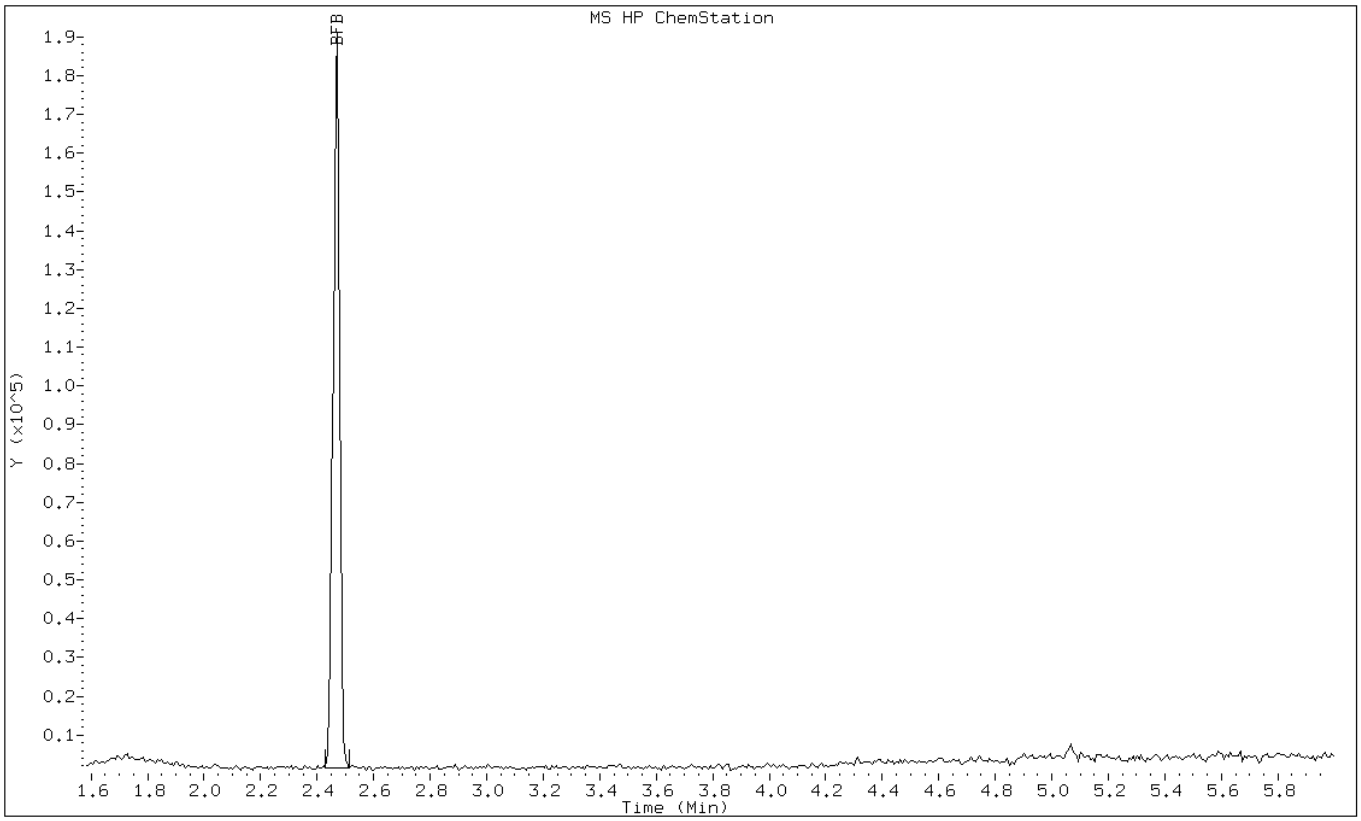
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.473	2.480 (0.000)	95	32048			0.00- 100.00	100.00
2.473	2.480 (0.000)	50	5238			15.00- 40.00	16.34
2.473	2.480 (0.000)	75	15598			30.00- 60.00	48.67
2.473	2.480 (0.000)	96	2132			5.00- 9.00	6.65
2.473	2.480 (0.000)	173	0			0.00- 2.00	0.00
2.473	2.480 (0.000)	174	27312			50.00- 100.00	85.22
2.473	2.480 (0.000)	175	2282			5.00- 9.00	8.36
2.473	2.480 (0.000)	176	26682			95.00- 101.00	97.69
2.473	2.480 (0.000)	177	1921			5.00- 9.00	7.20

Data File: p30439.d

Date: 24-AUG-2009 06:45

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



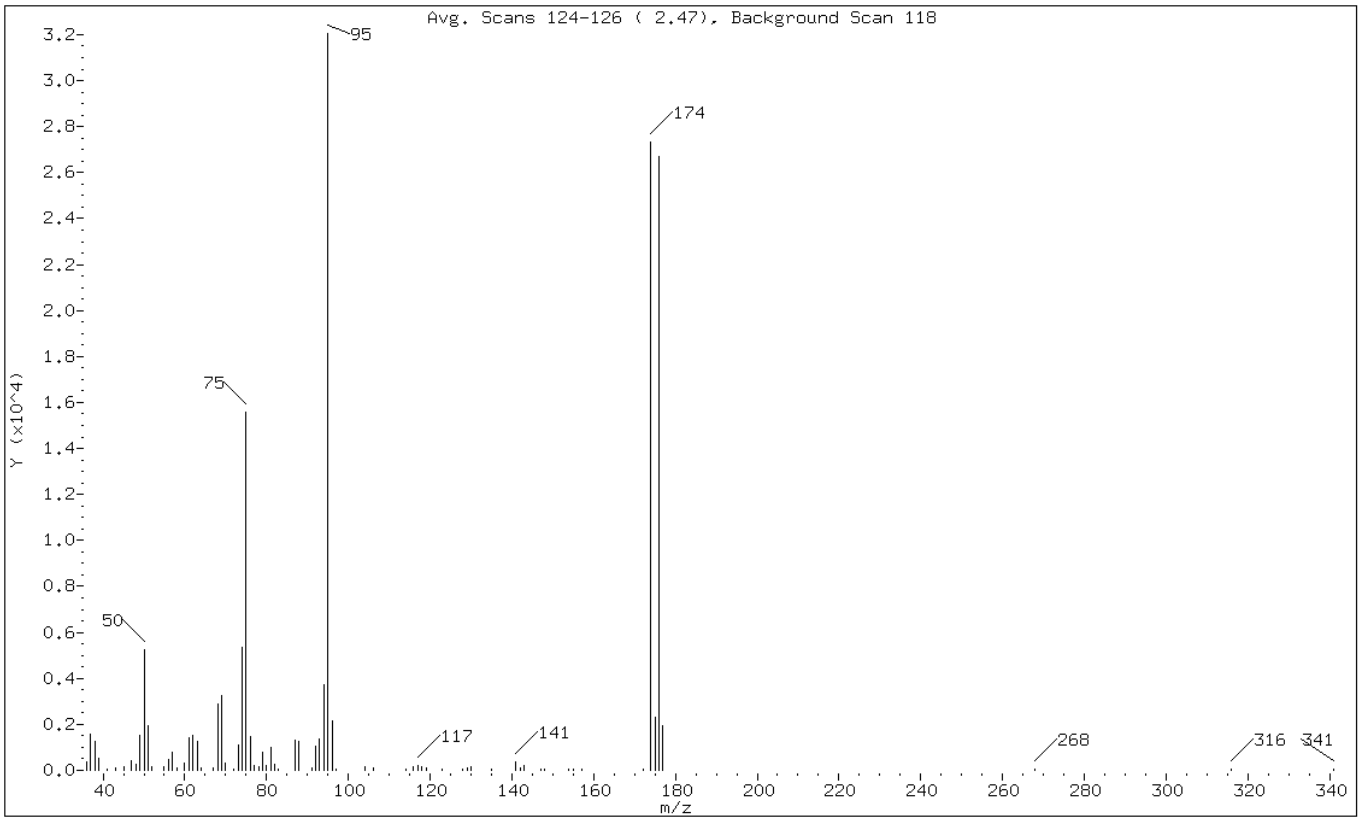
Data File: p30439.d

Date: 24-AUG-2009 06:45

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.34
75	30.00 - 60.00% of mass 95	48.67
96	5.00 - 9.00% of mass 95	6.65
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	85.22
175	5.00 - 9.00% of mass 174	7.12 (8.36)
176	95.00 - 101.00% of mass 174	83.26 (97.69)
177	5.00 - 9.00% of mass 176	5.99 (7.20)

Data File: p30439.d

Date: 24-AUG-2009 06:45

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30439.d
Spectrum: Avg. Scans 124-126 (2.47), Background Scan 118
Location of Maximum: 95.00
Number of points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	347	62.00	1533	87.00	1289	130.00	168
37.00	1598	63.00	1270	88.00	1284	135.00	44
38.00	1272	64.00	97	91.00	117	141.00	360
39.00	531	67.00	114	92.00	1025	142.00	97
41.00	52	68.00	2899	93.00	1378	143.00	185
43.00	87	69.00	3241	94.00	3737	147.00	77
45.00	169	70.00	317	95.00	32048	148.00	70
47.00	429	72.00	43	96.00	2132	154.00	42
48.00	244	73.00	1086	97.00	41	155.00	38
49.00	1547	74.00	5346	104.00	135	157.00	37
50.00	5238	75.00	15598	106.00	119	172.00	73
51.00	1962	76.00	1459	114.00	38	174.00	27312
52.00	136	77.00	186	116.00	140	175.00	2282
55.00	141	78.00	143	117.00	211	176.00	26680
56.00	471	79.00	774	118.00	150	177.00	1921
57.00	785	80.00	188	119.00	103	268.00	38
58.00	92	81.00	998	123.00	39	316.00	48
60.00	308	82.00	238	128.00	66	341.00	65
61.00	1403	83.00	33	129.00	86		

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30492.d
Report Date: 25-Aug-2009 22:11

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30492.d
Lab Smp Id: BFB
Inj Date : 25-AUG-2009 21:07
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

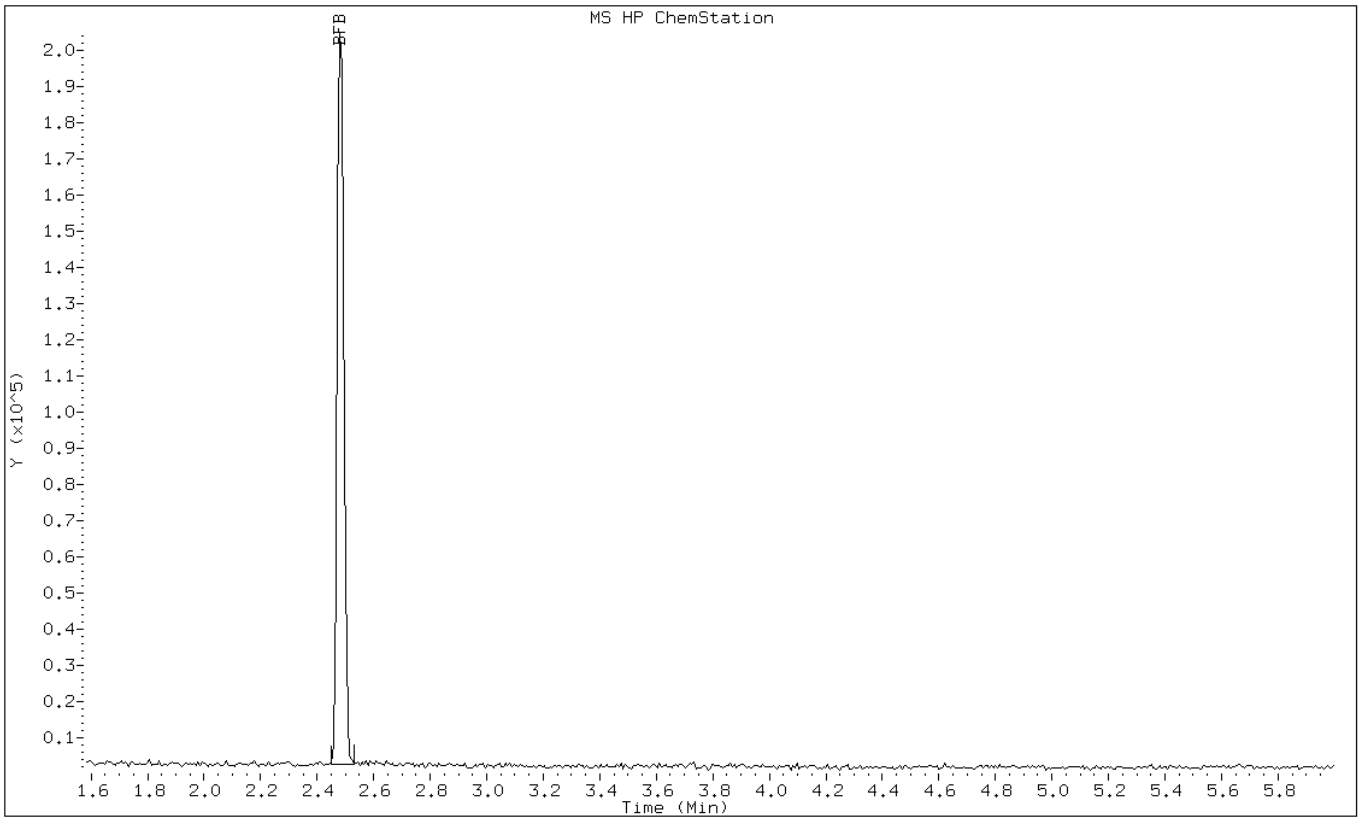
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.480	2.480 (0.000)	95	41976			0.00- 100.00	100.00
2.480	2.480 (0.000)	50	6961			15.00- 40.00	16.58
2.480	2.480 (0.000)	75	21936			30.00- 60.00	52.26
2.480	2.480 (0.000)	96	2922			5.00- 9.00	6.96
2.480	2.480 (0.000)	173	0			0.00- 2.00	0.00
2.480	2.480 (0.000)	174	34640			50.00- 100.00	82.52
2.480	2.480 (0.000)	175	2595			5.00- 9.00	7.49
2.480	2.480 (0.000)	176	33232			95.00- 101.00	95.94
2.480	2.480 (0.000)	177	2329			5.00- 9.00	7.01

Data File: p30492.d

Date: 25-AUG-2009 21:07

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



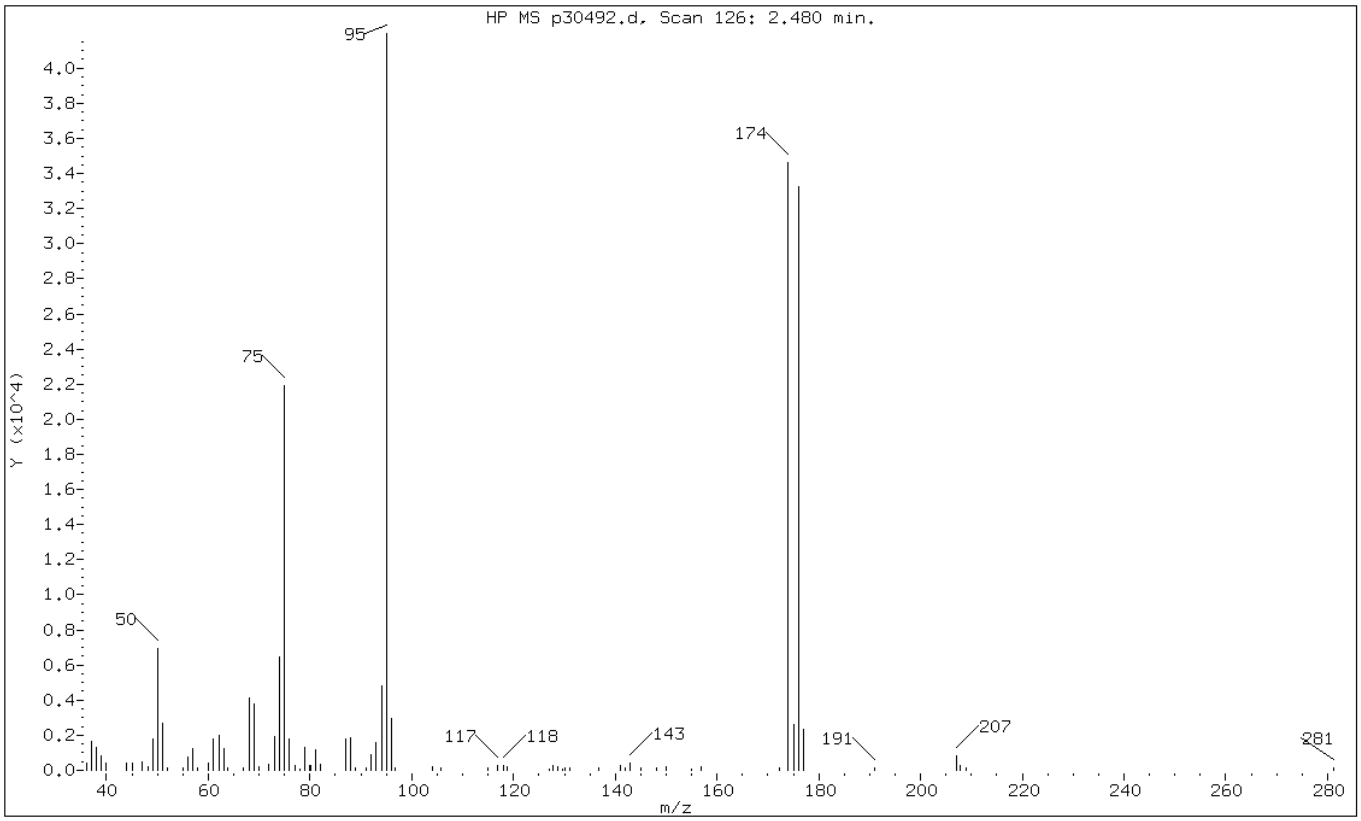
Data File: p30492.d

Date: 25-AUG-2009 21:07

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.58
75	30.00 - 60.00% of mass 95	52.26
96	5.00 - 9.00% of mass 95	6.96
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	82.52
175	5.00 - 9.00% of mass 174	6.18 (7.49)
176	95.00 - 101.00% of mass 174	79.17 (95.94)
177	5.00 - 9.00% of mass 176	5.55 (7.01)

Data File: p30492.d

Date: 25-AUG-2009 21:07

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30492.d
Spectrum: HP MS p30492.d, Scan 126: 2.480 min.
Location of Maximum: 95.00
Number of points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	390	63.00	1246	88.80	130	136.80	149
37.00	1646	63.80	169	91.10	136	141.00	246
38.00	1315	67.00	122	92.00	926	141.90	117
39.00	797	68.10	4096	92.90	1550	142.90	424
40.00	424	69.00	3802	94.10	4842	145.00	107
43.90	417	70.00	234	95.00	41976	148.10	106
45.10	444	71.90	313	96.00	2922	149.90	183
47.10	463	73.00	1936	96.80	160	155.00	100
48.10	184	74.00	6432	104.00	224	156.80	187
49.10	1758	75.00	21936	105.70	147	172.20	159
50.00	6961	76.00	1804	115.00	146	174.00	34640
51.10	2672	77.00	254	116.80	297	175.00	2595
52.00	130	78.00	101	118.00	257	176.00	33232
55.10	132	79.00	1281	118.80	195	176.90	2329
56.00	781	79.80	295	127.10	101	190.90	171
57.00	1270	80.10	299	127.80	245	207.10	849
57.80	107	81.00	1196	128.70	218	207.90	250
59.90	411	82.10	357	129.70	101	208.90	169
60.90	1770	87.00	1794	130.10	109	281.20	135
62.10	2003	88.00	1876	131.00	107		

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30524.d
Report Date: 26-Aug-2009 15:44

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30524.d
Lab Smp Id: BFB
Inj Date : 26-AUG-2009 11:59
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

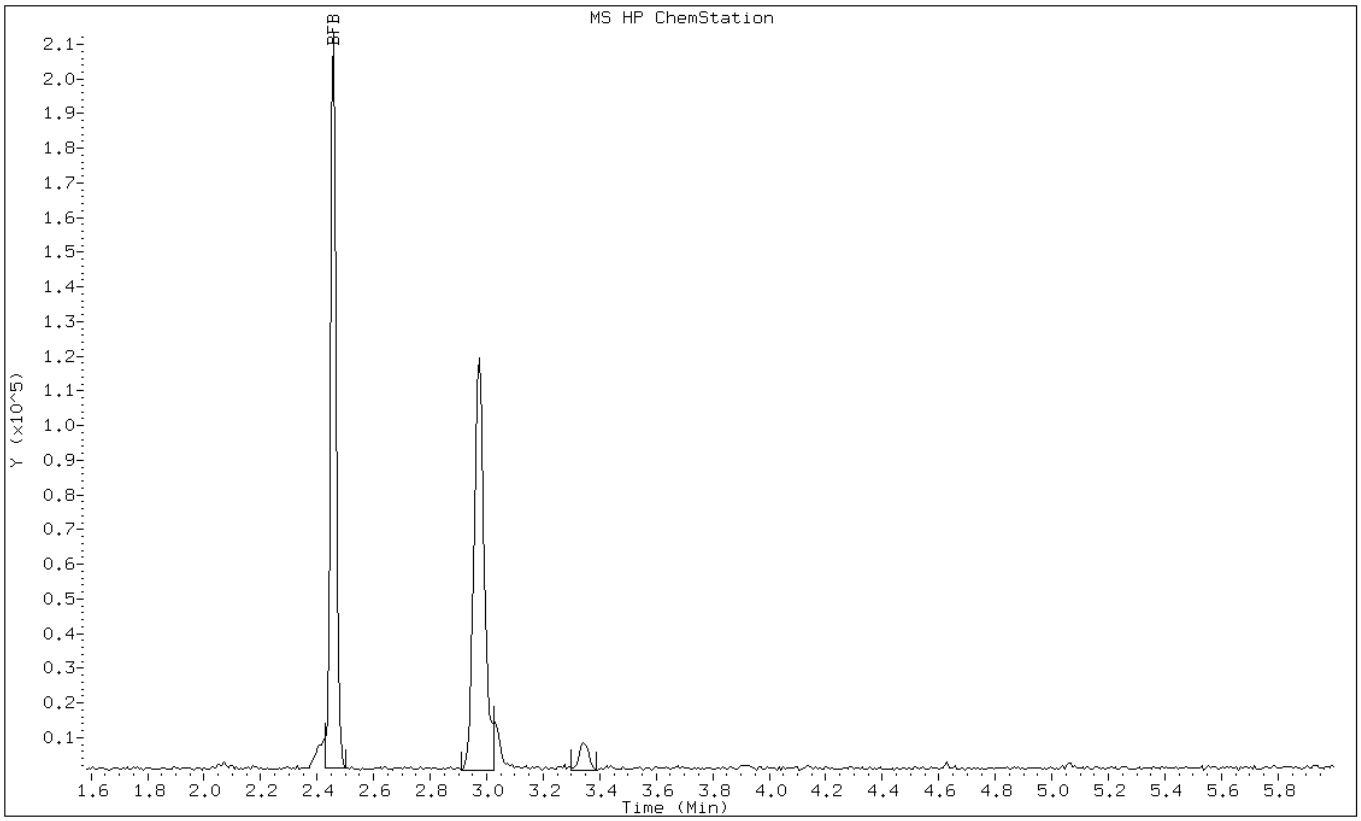
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.458	2.480 (0.000)	95	36439			0.00- 100.00	100.00
2.458	2.480 (0.000)	50	5988			15.00- 40.00	16.43
2.458	2.480 (0.000)	75	17789			30.00- 60.00	48.82
2.458	2.480 (0.000)	96	2468			5.00- 9.00	6.77
2.458	2.480 (0.000)	173	0			0.00- 2.00	0.00
2.458	2.480 (0.000)	174	30448			50.00- 100.00	83.56
2.458	2.480 (0.000)	175	2483			5.00- 9.00	8.15
2.458	2.480 (0.000)	176	29000			95.00- 101.00	95.24
2.458	2.480 (0.000)	177	1807			5.00- 9.00	6.23

Data File: p30524.d

Date: 26-AUG-2009 11:59

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



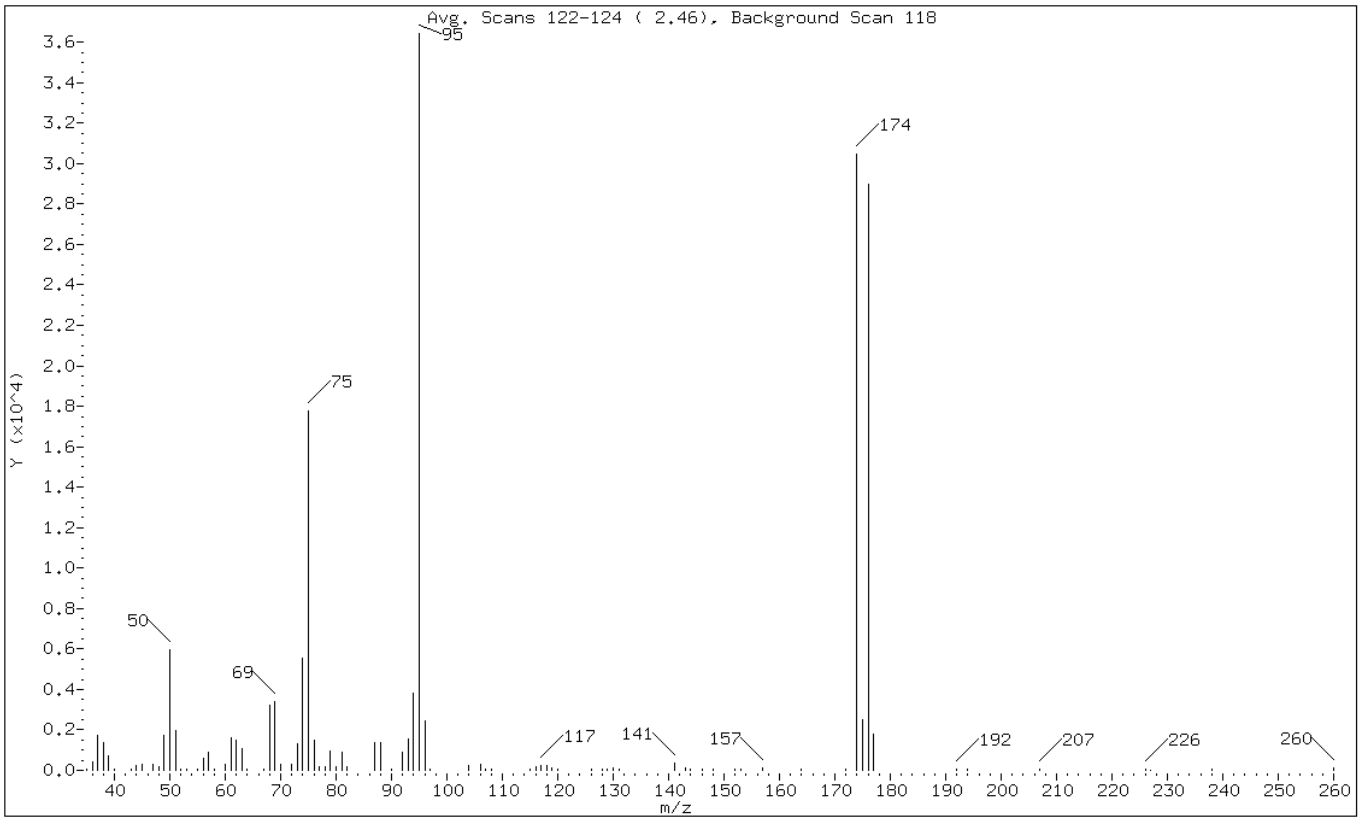
Data File: p30524.d

Date: 26-AUG-2009 11:59

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.43
75	30.00 - 60.00% of mass 95	48.82
96	5.00 - 9.00% of mass 95	6.77
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	83.56
175	5.00 - 9.00% of mass 174	6.81 (8.15)
176	95.00 - 101.00% of mass 174	79.59 (95.24)
177	5.00 - 9.00% of mass 176	4.96 (6.23)

Data File: p30524.d

Date: 26-AUG-2009 11:59

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b/p30524.d
Spectrum: Avg. Scans 122-124 (2.46), Background Scan 118
Location of Maximum: 95.00
Number of points: 85

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	42	62.00	1512	93.00	1535	144.00	34
36.00	432	63.00	1057	94.00	3831	146.00	84
37.00	1718	64.00	67	95.00	36432	148.00	60
38.00	1396	67.00	39	96.00	2468	152.00	37
39.00	722	68.00	3241	97.00	33	153.00	81
40.00	70	69.00	3420	104.00	213	157.00	135
43.00	57	70.00	327	106.00	280	164.00	36
44.00	261	72.00	278	107.00	39	172.00	33
45.00	296	73.00	1321	108.00	41	174.00	30448
47.00	288	74.00	5534	115.00	83	175.00	2483
48.00	172	75.00	17784	116.00	163	176.00	29000
49.00	1716	76.00	1467	117.00	235	177.00	1807
50.00	5988	77.00	181	118.00	228	192.00	59
51.00	1986	78.00	183	119.00	130	194.00	37
52.00	40	79.00	933	120.00	60	207.00	44
53.00	45	80.00	169	126.00	37	226.00	35
55.00	51	81.00	907	128.00	36	227.00	19
56.00	597	82.00	186	129.00	36	238.00	35
57.00	868	87.00	1389	130.00	100	260.00	119
58.00	33	88.00	1357	131.00	48		
60.00	279	90.00	42	141.00	347		
61.00	1599	92.00	907	143.00	140		

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30561.d
Report Date: 27-Aug-2009 08:00

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30561.d
Lab Smp Id: BFB
Inj Date : 27-AUG-2009 07:44
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.451	2.480 (0.000)	95	27448			0.00- 100.00	100.00
2.451	2.480 (0.000)	50	5172			15.00- 40.00	18.84
2.451	2.480 (0.000)	75	13776			30.00- 60.00	50.19
2.451	2.480 (0.000)	96	1544			5.00- 9.00	5.63
2.451	2.480 (0.000)	173	0			0.00- 2.00	0.00
2.451	2.480 (0.000)	174	17112			50.00- 100.00	62.34
2.451	2.480 (0.000)	175	1498			5.00- 9.00	8.75
2.451	2.480 (0.000)	176	17216			95.00- 101.00	100.61
2.451	2.480 (0.000)	177	1327			5.00- 9.00	7.71

Data File: p30561.d

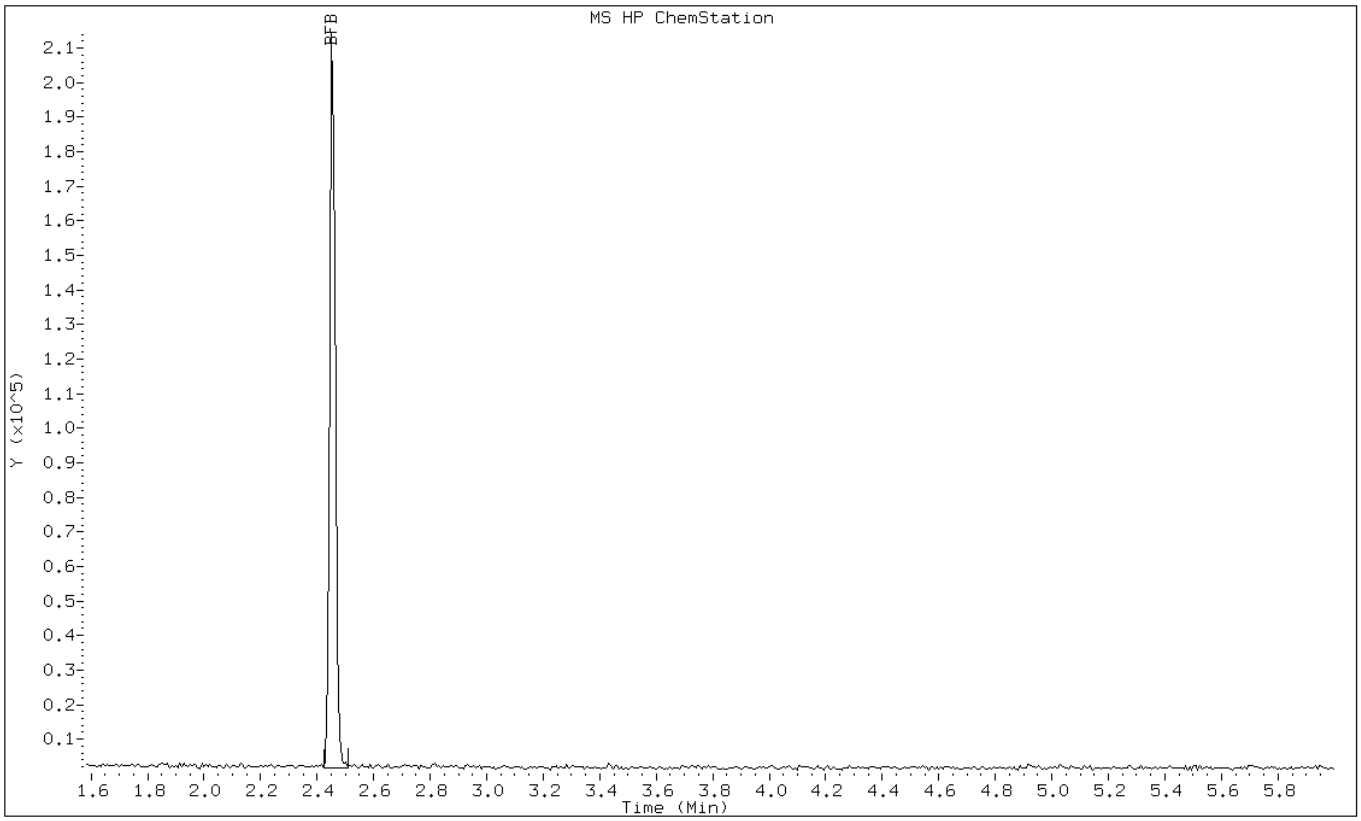
Date: 27-AUG-2009 07:44

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1



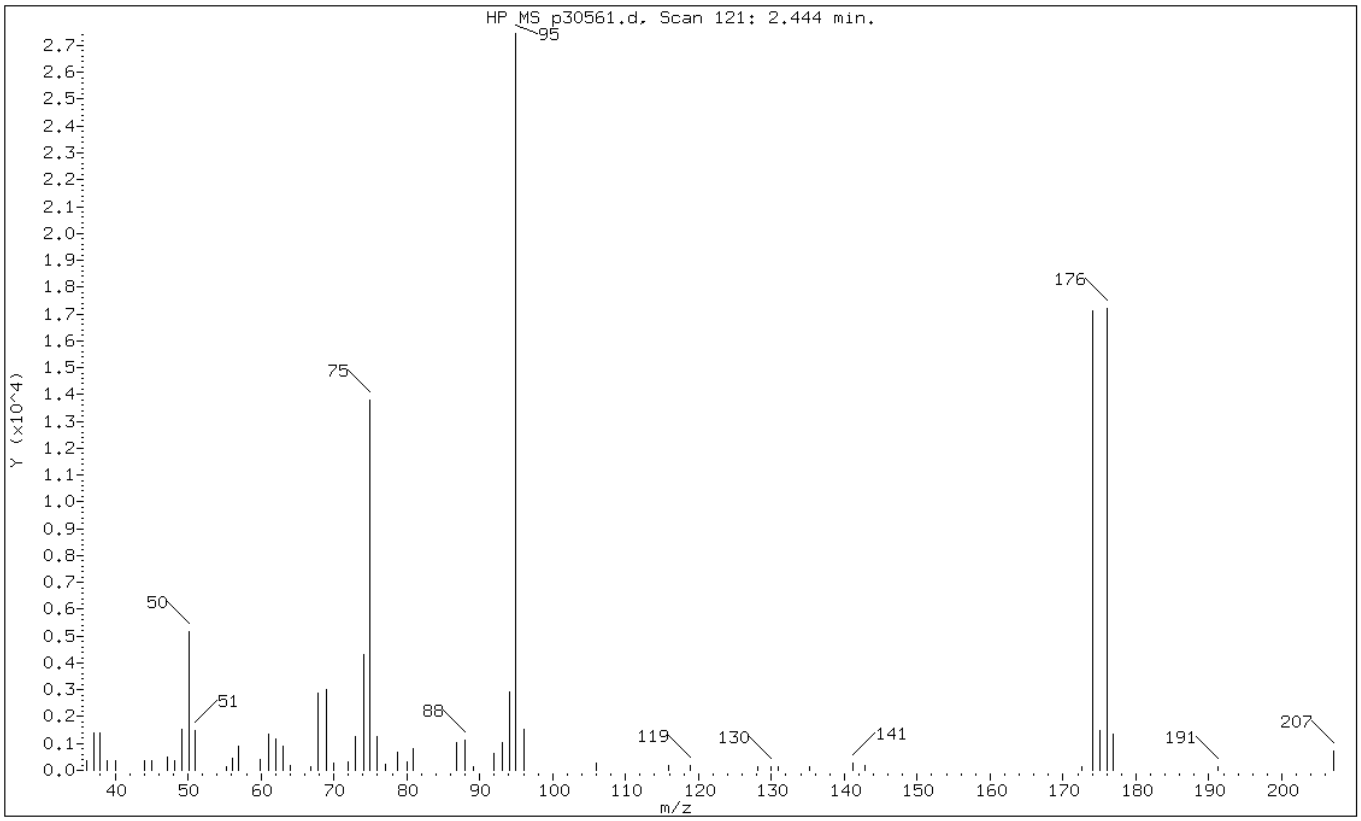
Data File: p30561.d

Date: 27-AUG-2009 07:44

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.84
75	30.00 - 60.00% of mass 95	50.19
96	5.00 - 9.00% of mass 95	5.63
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	62.34
175	5.00 - 9.00% of mass 174	5.46 (8.75)
176	95.00 - 101.00% of mass 174	62.72 (100.61)
177	5.00 - 9.00% of mass 176	4.83 (7.71)

Data File: p30561.d

Date: 27-AUG-2009 07:44

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30561.d
Spectrum: HP MS p30561.d, Scan 121: 2.444 min.
Location of Maximum: 95.00
Number of points: 57

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	361	59.90	415	78.80	676	130.00	150
37.10	1374	61.00	1340	80.10	325	131.00	117
38.00	1376	62.00	1158	80.90	795	135.30	149
38.90	367	63.00	877	86.80	1033	141.10	266
40.00	337	64.00	186	88.00	1104	142.90	182
44.00	350	66.80	119	89.10	116	172.60	133
45.00	350	67.90	2866	91.90	623	174.00	17112
47.10	503	68.90	3012	93.10	1039	175.00	1498
48.10	354	70.00	275	94.10	2910	176.00	17216
49.10	1521	71.90	319	95.00	27448	176.90	1327
50.10	5172	73.00	1242	96.00	1544	191.30	113
51.00	1462	74.10	4330	106.00	283	207.10	723
55.30	116	75.00	13776	115.90	184		
56.10	444	76.00	1257	118.80	192		
57.00	895	77.10	235	128.10	133		

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30588.d
Report Date: 28-Aug-2009 07:58

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30588.d
Lab Smp Id: BFB
Inj Date : 28-AUG-2009 07:42
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

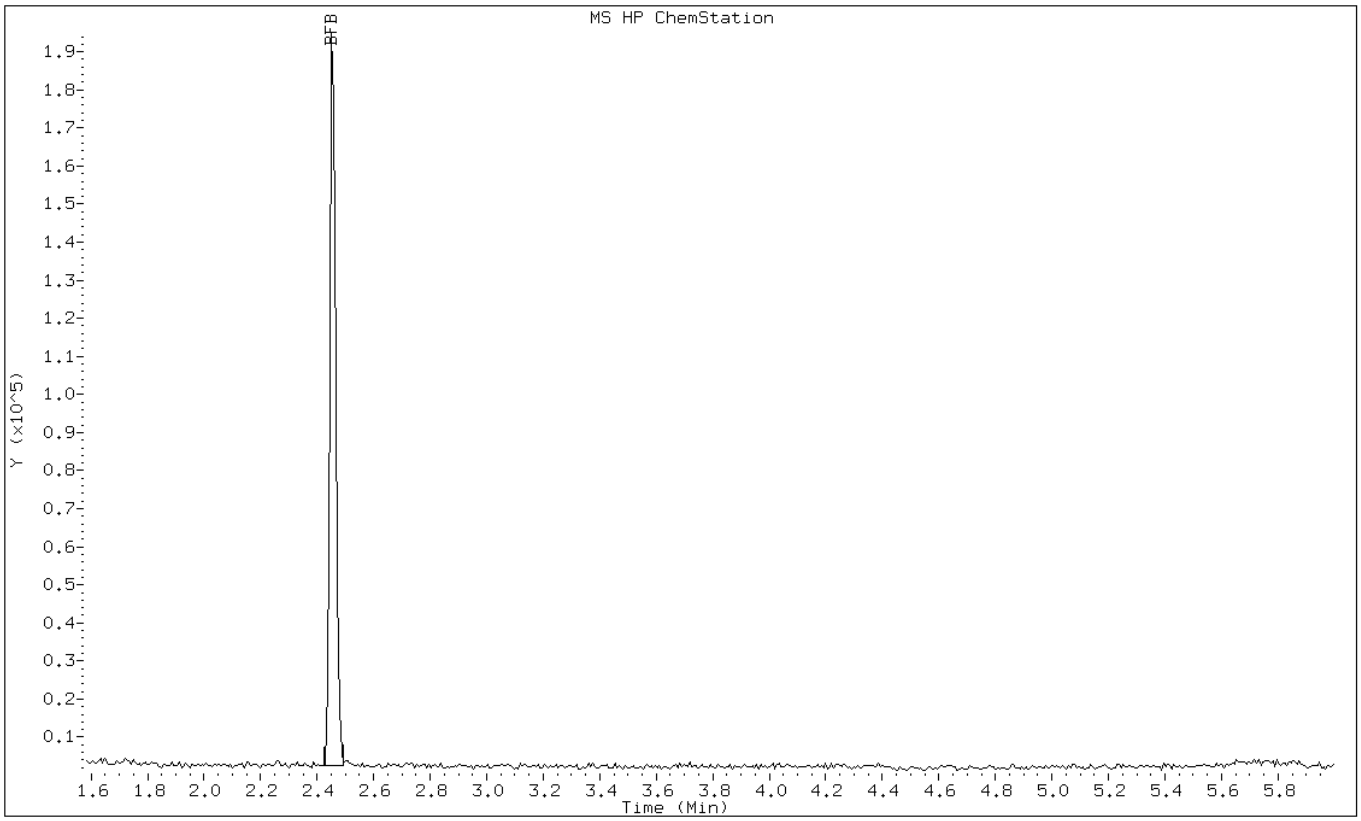
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.451	2.480 (0.000)	95	33837			0.00- 100.00	100.00
2.451	2.480 (0.000)	50	5911			15.00- 40.00	17.47
2.451	2.480 (0.000)	75	16165			30.00- 60.00	47.77
2.451	2.480 (0.000)	96	1924			5.00- 9.00	5.69
2.451	2.480 (0.000)	173	48			0.00- 2.00	0.19
2.451	2.480 (0.000)	174	25572			50.00- 100.00	75.57
2.451	2.480 (0.000)	175	1968			5.00- 9.00	7.70
2.451	2.480 (0.000)	176	25139			95.00- 101.00	98.31
2.451	2.480 (0.000)	177	1879			5.00- 9.00	7.47

Data File: p30588.d

Date: 28-AUG-2009 07:42

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



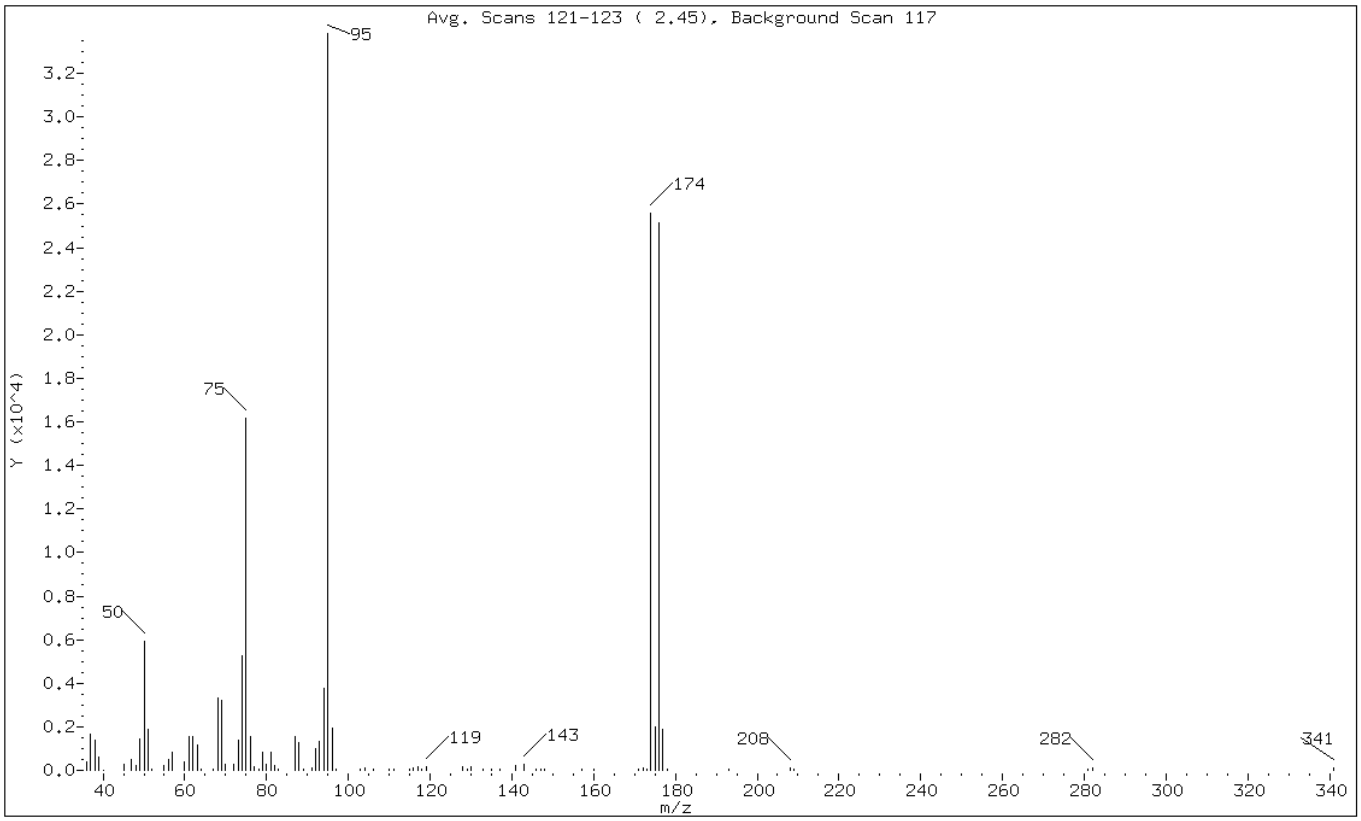
Data File: p30588.d

Date: 28-AUG-2009 07:42

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.47
75	30.00 - 60.00% of mass 95	47.77
96	5.00 - 9.00% of mass 95	5.69
173	Less than 2.00% of mass 174	0.14 (0.19)
174	50.00 - 100.00% of mass 95	75.57
175	5.00 - 9.00% of mass 174	5.82 (7.70)
176	95.00 - 101.00% of mass 174	74.29 (98.31)
177	5.00 - 9.00% of mass 176	5.55 (7.47)

Data File: p30588.d

Date: 28-AUG-2009 07:42

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30588.d
Spectrum: Avg. Scans 121-123 (2.45), Background Scan 117
Location of Maximum: 95.00
Number of points: 83

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	376	68.00	3322	94.00	3790	143.00	274
37.00	1674	69.00	3232	95.00	33832	146.00	35
38.00	1386	70.00	276	96.00	1924	147.00	38
39.00	583	72.00	270	97.00	47	148.00	48
40.00	19	73.00	1359	103.00	37	157.00	46
45.00	291	74.00	5266	104.00	108	160.00	38
47.00	508	75.00	16165	106.00	57	171.00	34
48.00	249	76.00	1524	110.00	34	172.00	84
49.00	1418	77.00	177	111.00	37	173.00	48
50.00	5911	78.00	42	115.00	41	174.00	25568
51.00	1873	79.00	838	116.00	128	175.00	1968
52.00	36	80.00	269	117.00	180	176.00	25136
55.00	208	81.00	805	118.00	74	177.00	1879
56.00	507	82.00	206	119.00	193	178.00	53
57.00	835	83.00	46	128.00	165	193.00	35
60.00	383	87.00	1538	129.00	34	208.00	135
61.00	1529	88.00	1257	130.00	153	209.00	42
62.00	1561	89.00	39	133.00	34	281.00	62
63.00	1190	91.00	132	135.00	47	282.00	92
64.00	72	92.00	1015	137.00	55	341.00	98
67.00	34	93.00	1348	141.00	203		

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30617.d
Report Date: 31-Aug-2009 09:49

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30617.d
Lab Smp Id: BFB
Inj Date : 31-AUG-2009 07:59
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

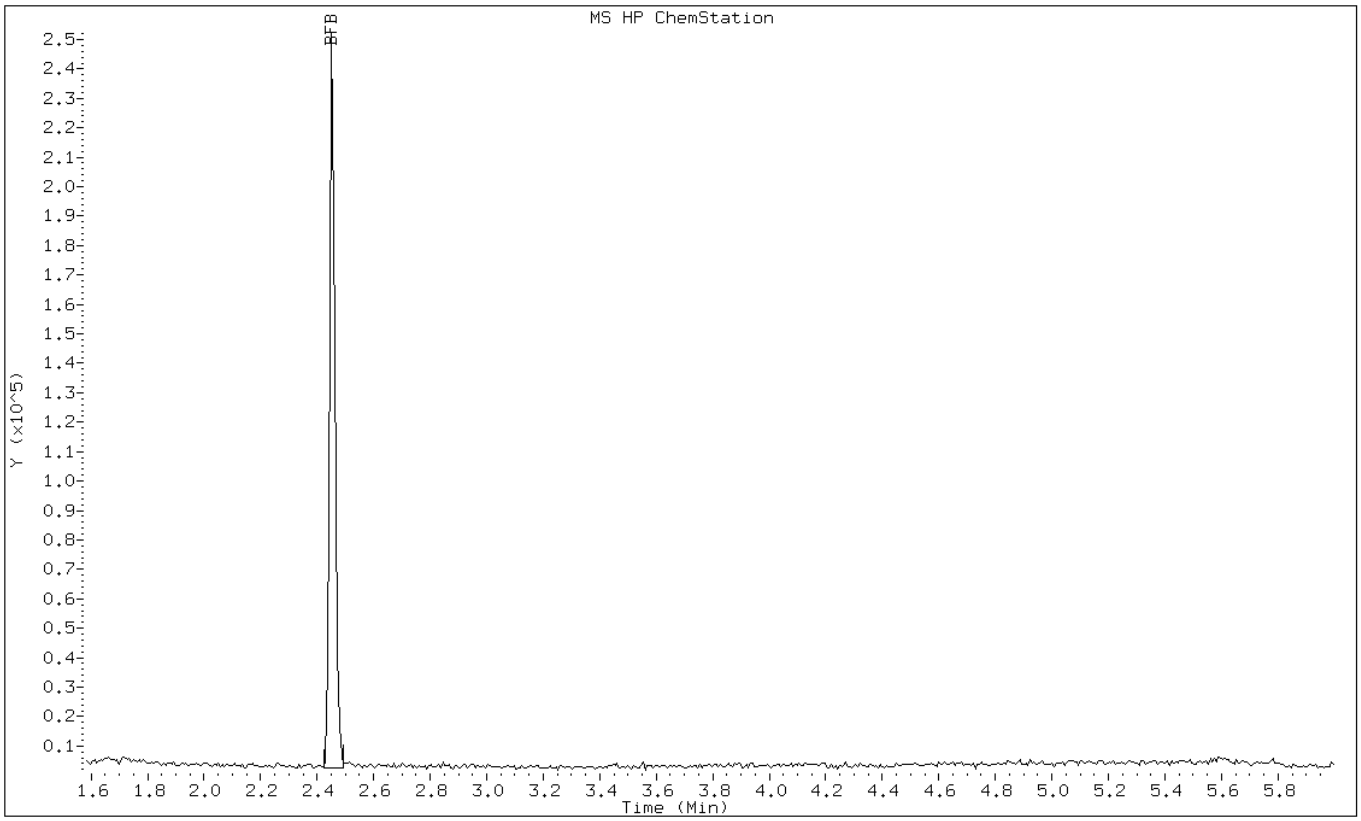
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.451	2.480 (0.000)	95	41573			0.00- 100.00	100.00
2.451	2.480 (0.000)	50	7373			15.00- 40.00	17.74
2.451	2.480 (0.000)	75	20032			30.00- 60.00	48.19
2.451	2.480 (0.000)	96	2718			5.00- 9.00	6.54
2.451	2.480 (0.000)	173	0			0.00- 2.00	0.00
2.451	2.480 (0.000)	174	32314			50.00- 100.00	77.73
2.451	2.480 (0.000)	175	2740			5.00- 9.00	8.48
2.451	2.480 (0.000)	176	31517			95.00- 101.00	97.53
2.451	2.480 (0.000)	177	2068			5.00- 9.00	6.56

Data File: p30617.d

Date: 31-AUG-2009 07:59

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



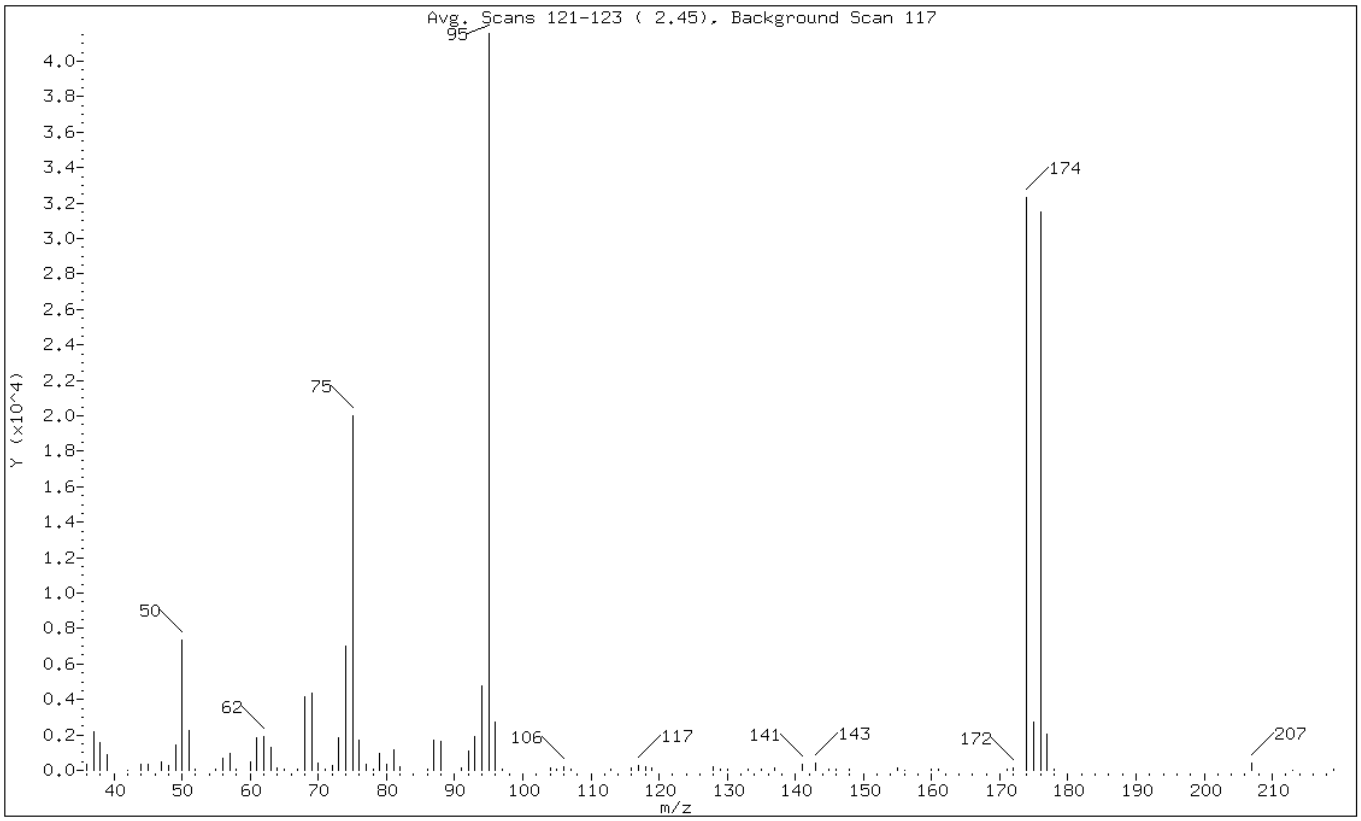
Data File: p30617.d

Date: 31-AUG-2009 07:59

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.74
75	30.00 - 60.00% of mass 95	48.19
96	5.00 - 9.00% of mass 95	6.54
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	77.73
175	5.00 - 9.00% of mass 174	6.59 (8.48)
176	95.00 - 101.00% of mass 174	75.81 (97.53)
177	5.00 - 9.00% of mass 176	4.97 (6.56)

Data File: p30617.d

Date: 31-AUG-2009 07:59

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30617.d
Spectrum: Avg. Scans 121-123 (2.45), Background Scan 117
Location of Maximum: 95.00
Number of points: 83

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	368	64.00	159	91.00	159	137.00	120
37.00	2151	65.00	51	92.00	1060	141.00	311
38.00	1562	67.00	68	93.00	1914	143.00	417
39.00	875	68.00	4135	94.00	4753	145.00	41
42.00	34	69.00	4368	95.00	41568	146.00	78
44.00	332	70.00	402	96.00	2718	148.00	77
45.00	353	71.00	61	97.00	101	155.00	121
47.00	455	72.00	302	104.00	149	156.00	34
48.00	257	73.00	1852	105.00	58	160.00	36
49.00	1441	74.00	7010	106.00	227	161.00	69
50.00	7373	75.00	20032	107.00	44	171.00	36
51.00	2219	76.00	1731	113.00	37	172.00	134
52.00	35	77.00	323	116.00	143	174.00	32312
55.00	97	78.00	71	117.00	251	175.00	2740
56.00	707	79.00	986	118.00	210	176.00	31512
57.00	956	80.00	320	119.00	159	177.00	2068
58.00	40	81.00	1146	128.00	210	178.00	52
60.00	508	82.00	225	129.00	36	207.00	376
61.00	1852	86.00	57	130.00	65	213.00	34
62.00	1890	87.00	1730	133.00	79	219.00	36
63.00	1307	88.00	1665	135.00	48		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-14918/3

Matrix: Water Lab File ID: p30415.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 09:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-14918/3

Matrix: Water | Lab File ID: p30415.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 09:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	56-125	
2037-26-5	Toluene-d8 (Surr)	96	72-127	
460-00-4	Bromofluorobenzene	110	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30415.d
Report Date: 21-Aug-2009 11:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30415.d
Lab Smp Id: MB
Inj Date : 21-AUG-2009 09:26
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	100293	49.7006	50
* 52 Fluorobenzene	96	3.235	3.228	(1.000)	830567	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	374708	48.2142	48
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	629198	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	255567	55.0764	55
* 108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	333084	50.0000	

Data File: p30415.d

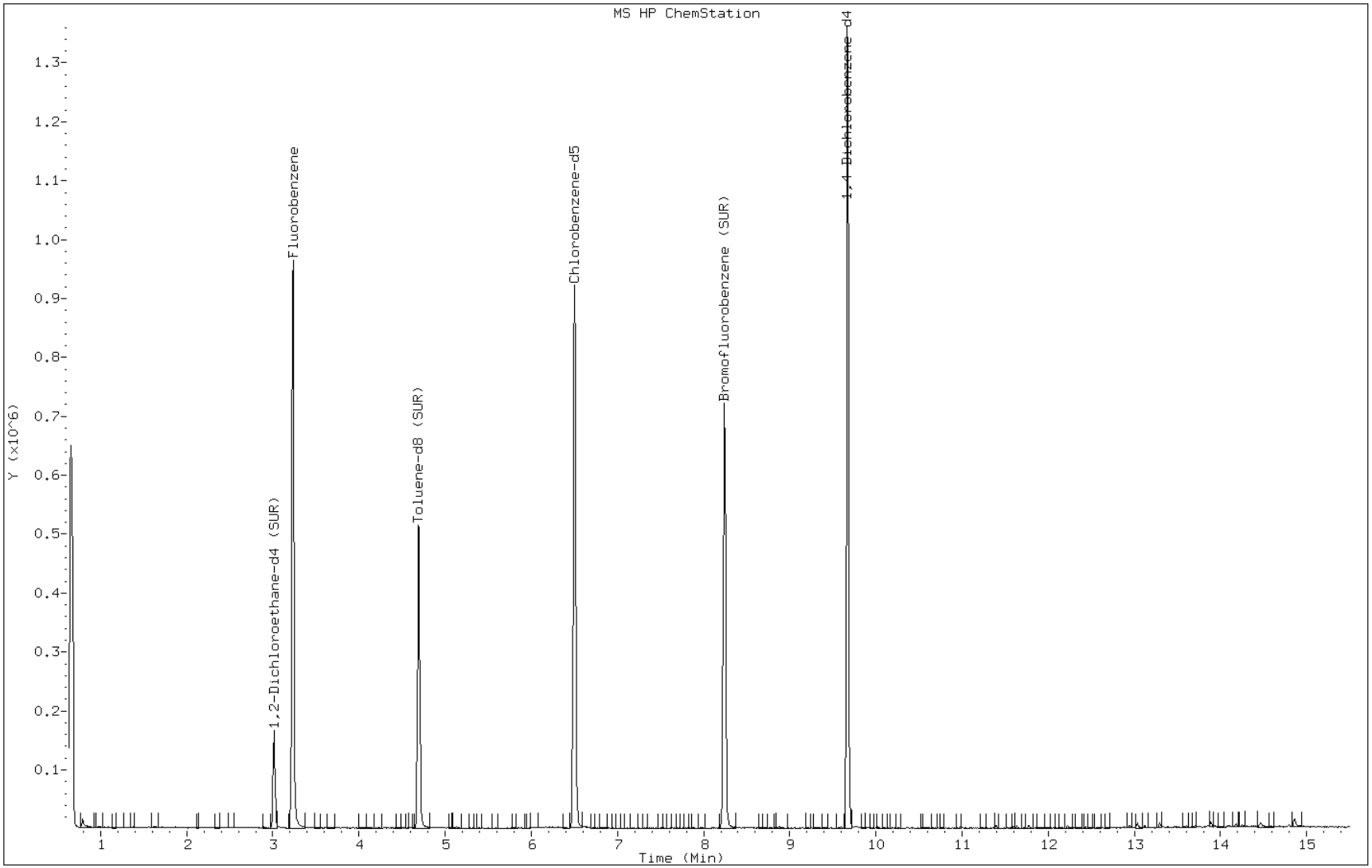
Date: 21-AUG-2009 09:26

Client ID:

Instrument: VOAMS13.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15029/4

Matrix: Water Lab File ID: p30444.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/24/2009 09:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15029 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15029/4

Matrix: Water Lab File ID: p30444.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/24/2009 09:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15029 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102	56-125	
2037-26-5	Toluene-d8 (Surr)	94	72-127	
460-00-4	Bromofluorobenzene	111	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30444.d
Report Date: 24-Aug-2009 10:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30444.d
Lab Smp Id: MB
Inj Date : 24-AUG-2009 09:41
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

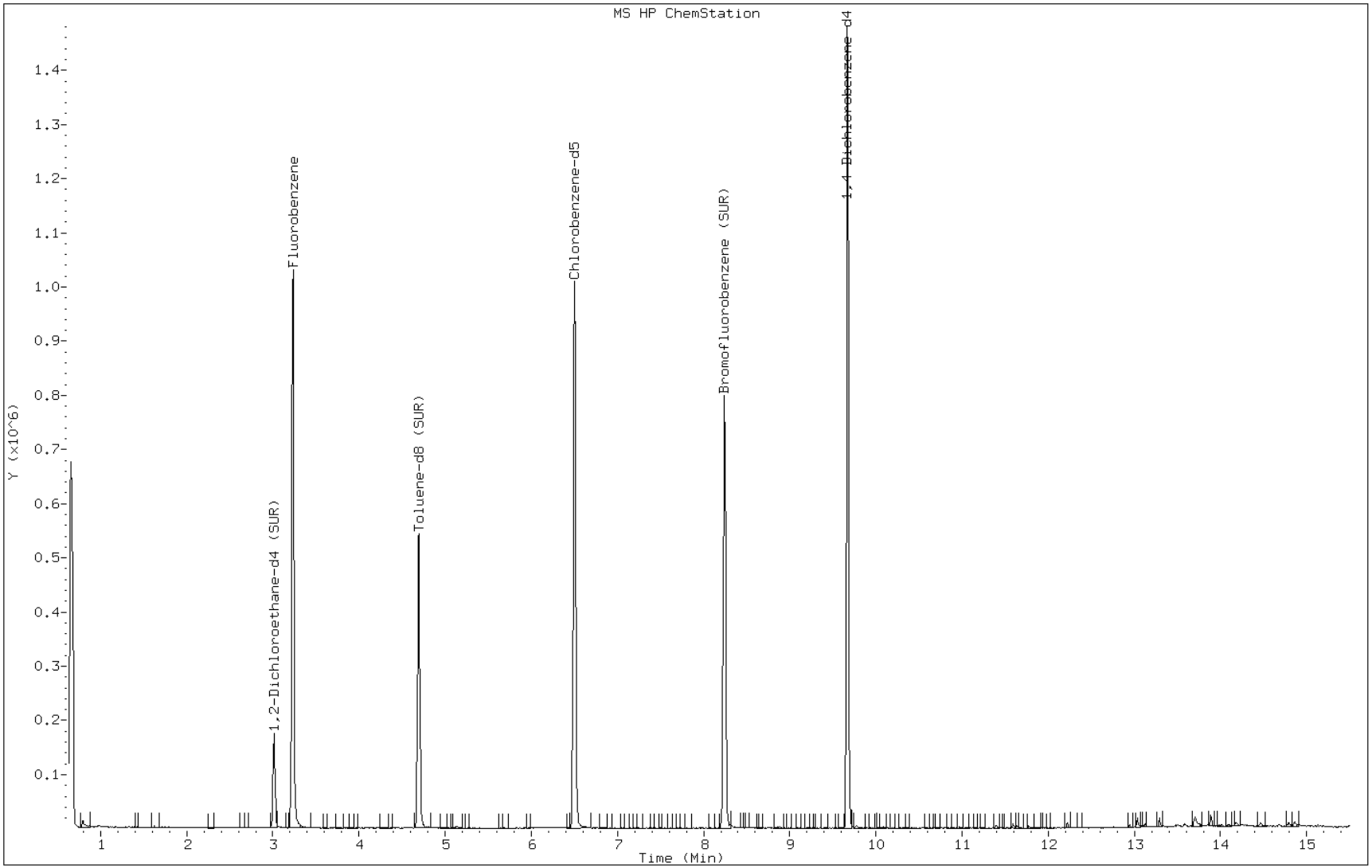
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	109700	50.8670	51
* 52 Fluorobenzene	96	3.235	3.228	(1.000)	887637	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.696	4.696	(0.722)	389727	46.8167	47
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	673952	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	276252	55.3686	55
* 108 1,4-Dichlorobenzene-d4	152	9.667	9.674	(1.000)	358143	50.0000	

Data File: p30444.d

Date: 24-AUG-2009 09:41

Client ID: Instrument: VOAMS13.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15245/4

Matrix: Water Lab File ID: p30497.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/25/2009 23:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15245 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15245/4

Matrix: Water Lab File ID: p30497.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/25/2009 23:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15245 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	56-125	
2037-26-5	Toluene-d8 (Surr)	92	72-127	
460-00-4	Bromofluorobenzene	109	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30497.d
Report Date: 26-Aug-2009 00:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30497.d
Lab Smp Id: MB
Inj Date : 25-AUG-2009 23:46
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/8260_09.m
Meth Date : 25-Aug-2009 22:40 ken Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

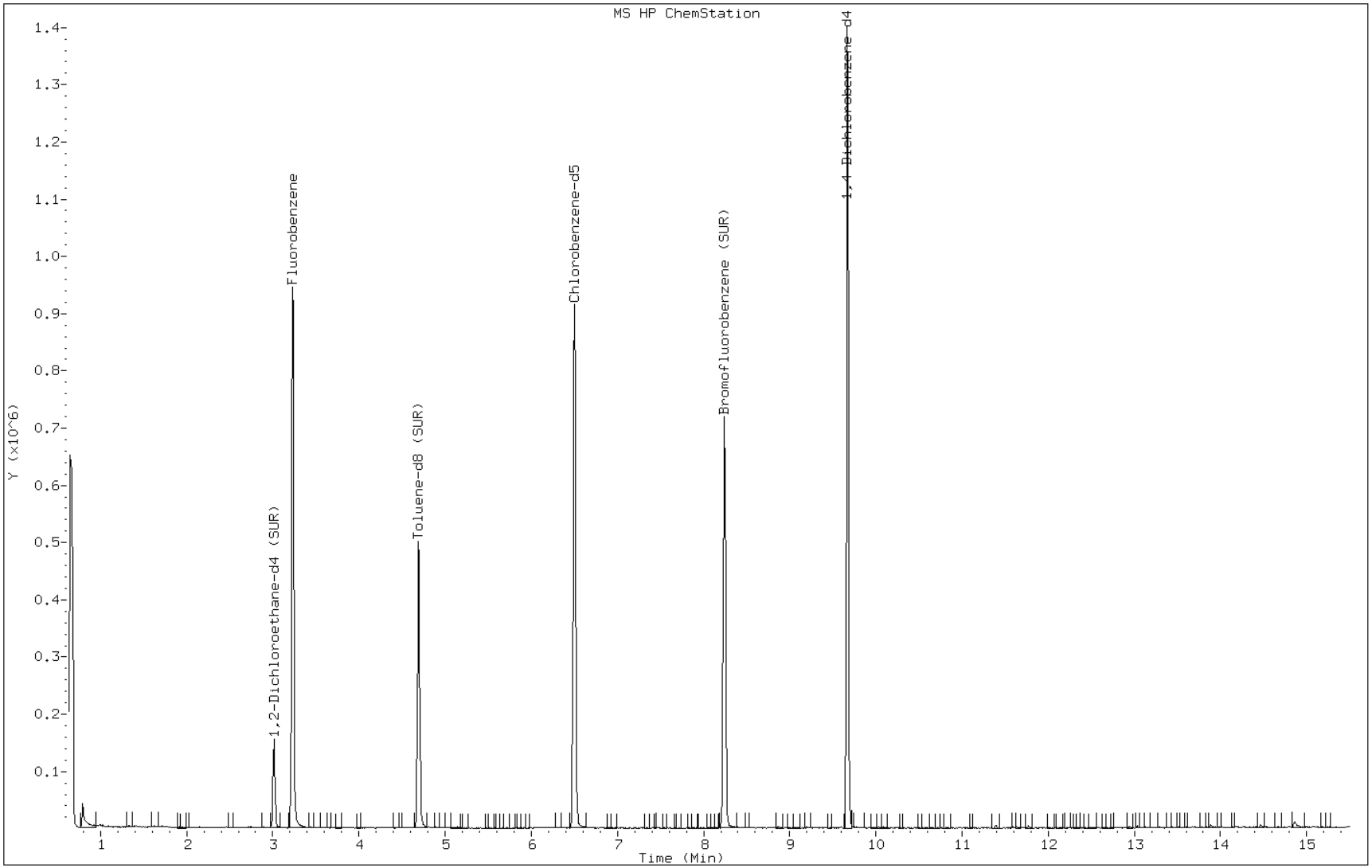
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	94445	48.4515	48
* 52 Fluorobenzene	96	3.228	3.228	(1.000)	802300	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	351544	46.1617	46
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	616549	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	252023	54.4544	54
* 108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	332217	50.0000	

Data File: p30497.d

Date: 25-AUG-2009 23:46

Client ID: Instrument: VOAMS13.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15423/5

Matrix: Water Lab File ID: p30566.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/27/2009 09:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15423/5

Matrix: Water Lab File ID: p30566.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/27/2009 09:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	56-125	
2037-26-5	Toluene-d8 (Surr)	96	72-127	
460-00-4	Bromofluorobenzene	97	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30566.d
Report Date: 27-Aug-2009 13:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30566.d
Lab Smp Id: MB
Inj Date : 27-AUG-2009 09:50
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	124829	47.8564	48
* 52 Fluorobenzene	96	3.228	3.228	(1.000)	846989	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	372166	47.9473	48
* 78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	648112	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	189947	48.7297	49
* 108 1,4-Dichlorobenzene-d4	152	9.667	9.667	(1.000)	342973	50.0000	

Data File: p30566.d

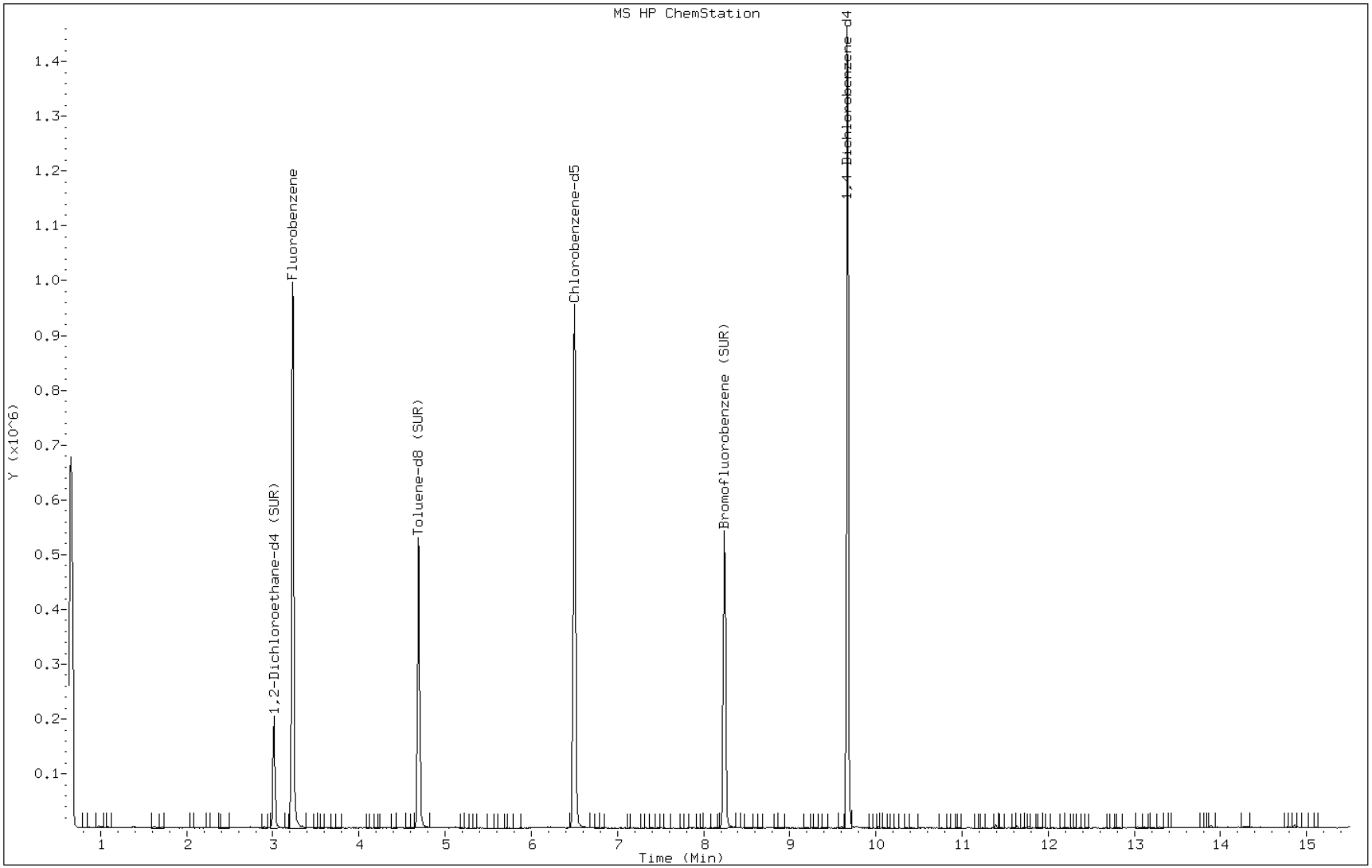
Date: 27-AUG-2009 09:50

Client ID:

Instrument: VOAMS13.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15569/3

Matrix: Water Lab File ID: p30592.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2009 09:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15569 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-15569/3

Matrix: Water | Lab File ID: p30592.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2009 09:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15569 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	56-125	
2037-26-5	Toluene-d8 (Surr)	95	72-127	
460-00-4	Bromofluorobenzene	102	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30592.d
Report Date: 28-Aug-2009 12:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30592.d
Lab Smp Id: MB
Inj Date : 28-AUG-2009 09:26
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/8260_09.m
Meth Date : 28-Aug-2009 12:44 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.008	(0.933)	129316	47.9648	48
* 52 Fluorobenzene	96	3.230	3.230	(1.000)	875451	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	378169	47.7259	48
* 78 Chlorobenzene-d5	117	6.504	6.503	(1.000)	661621	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	202752	51.0093	51
* 108 1,4-Dichlorobenzene-d4	152	9.670	9.669	(1.000)	349733	50.0000	

Data File: p30592.d

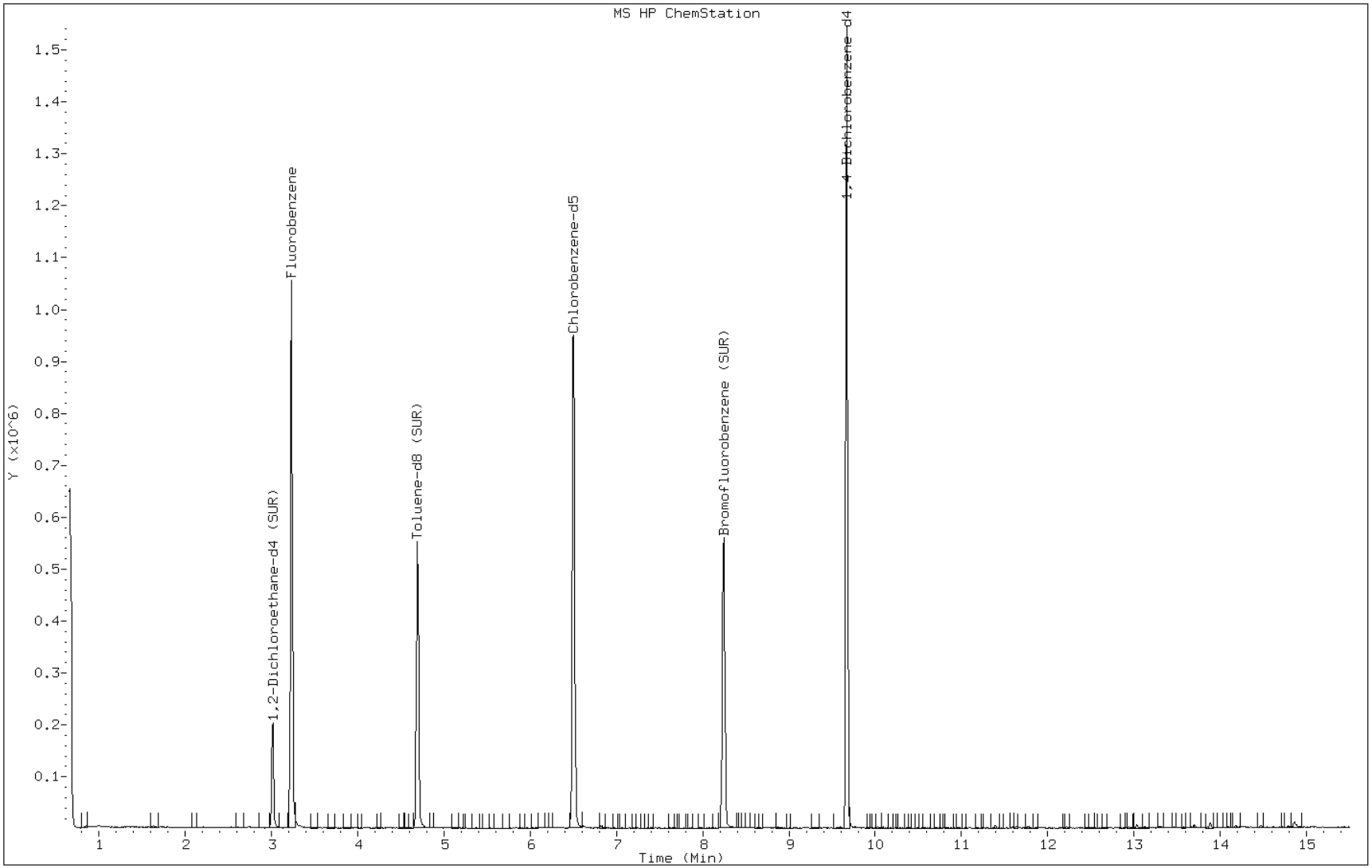
Date: 28-AUG-2009 09:26

Client ID:

Instrument: VOAMS13.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15720/4

Matrix: Water Lab File ID: p30622.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2009 10:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15720 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15720/4

Matrix: Water Lab File ID: p30622.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2009 10:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15720 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	56-125	
2037-26-5	Toluene-d8 (Surr)	100	72-127	
460-00-4	Bromofluorobenzene	110	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30622.d
Report Date: 31-Aug-2009 12:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30622.d
Lab Smp Id: MB
Inj Date : 31-AUG-2009 10:17
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/8260_09.m
Meth Date : 31-Aug-2009 10:13 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

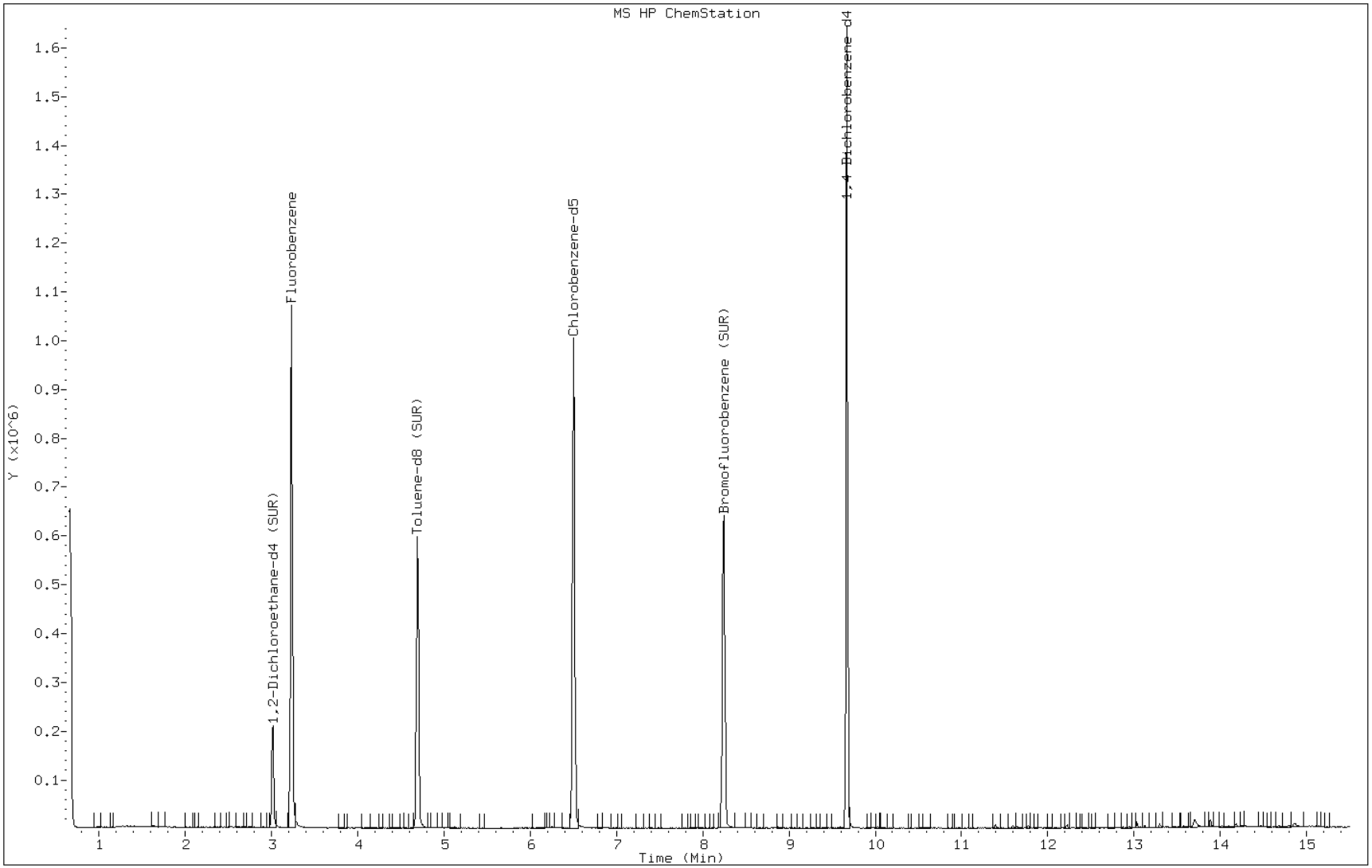
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.008	(0.933)	134003	49.2652	49
* 52 Fluorobenzene	96	3.230	3.230	(1.000)	883236	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	412072	50.0376	50
* 78 Chlorobenzene-d5	117	6.503	6.503	(1.000)	687629	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	229209	54.7837	55
* 108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	368130	50.0000	

Data File: p30622.d

Date: 31-AUG-2009 10:17

Client ID: Instrument: VOAMS13.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-14918/10

Matrix: Water Lab File ID: p30424.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/21/2009 13:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14918 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	18.8		1.0	0.29
74-87-3	Chloromethane	16.5		1.0	0.21
74-83-9	Bromomethane	13.4		1.0	0.31
75-01-4	Vinyl chloride	17.9		1.0	0.13
75-00-3	Chloroethane	19.8		1.0	0.45
75-69-4	Trichlorofluoromethane	17.9		1.0	0.16
76-13-1	Freon TF	16.9		1.0	0.28
75-09-2	Methylene Chloride	17.7		1.0	0.19
67-64-1	Acetone	18.1		10	2.5
75-15-0	Carbon disulfide	17.3		1.0	0.15
79-20-9	Methyl acetate	19.8		2.0	0.33
75-35-4	1,1-Dichloroethene	20.4		1.0	0.14
75-34-3	1,1-Dichloroethane	17.0		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	17.9		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.0		1.0	0.14
1634-04-4	MTBE	18.5		1.0	0.18
67-66-3	Chloroform	19.6		1.0	0.15
107-06-2	1,2-Dichloroethane	18.6		1.0	0.24
78-93-3	2-Butanone	22.4		10	0.82
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.25
110-82-7	Cyclohexane	18.3		1.0	0.13
56-23-5	Carbon tetrachloride	20.9		1.0	0.19
75-27-4	Bromodichloromethane	18.3		1.0	0.093
78-87-5	1,2-Dichloropropane	17.4		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	16.9		1.0	0.11
79-01-6	Trichloroethene	18.6		1.0	0.18
108-87-2	Methylcyclohexane	17.9		1.0	0.090
124-48-1	Dibromochloromethane	18.0		1.0	0.11
79-00-5	1,1,2-Trichloroethane	17.4		1.0	0.10
71-43-2	Benzene	17.1		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	17.3		1.0	0.12
75-25-2	Bromoform	18.1		1.0	0.10
98-82-8	Isopropylbenzene	19.5		1.0	0.21
108-10-1	4-Methyl-2-pentanone	17.3		10	0.68
591-78-6	2-Hexanone	19.1		10	0.55
127-18-4	Tetrachloroethene	18.9		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-14918/10

Matrix: Water | Lab File ID: p30424.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 13:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.6		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	17.4		1.0	0.090
108-90-7	Chlorobenzene	17.6		1.0	0.16
100-41-4	Ethylbenzene	17.8		1.0	0.25
1330-20-7	Xylenes, Total	53.4		3.0	0.43
100-42-5	Styrene	17.6		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		1.0	0.15
541-73-1	1,3-Dichlorobenzene	17.7		1.0	0.22
106-46-7	1,4-Dichlorobenzene	17.9		1.0	0.15
95-50-1	1,2-Dichlorobenzene	17.7		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	17.6		1.0	0.44
106-93-4	1,2-Dibromoethane	18.1		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	56-125	
2037-26-5	Toluene-d8 (Surr)	96	72-127	
460-00-4	Bromofluorobenzene	106	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30424.d
Report Date: 21-Aug-2009 13:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30424.d
Lab Smp Id: LCS
Inj Date : 21-AUG-2009 13:20
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 13 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.735	(0.225)	65144	18.7518	19
3 Chloromethane	50	0.828	0.835	(0.256)	75031	16.4597	16
4 Vinyl Chloride	62	0.842	0.842	(0.260)	85587	17.8948	18
6 Bromomethane	94	0.978	0.978	(0.302)	33701	13.4359	13
5 Chloroethane	64	1.028	1.029	(0.318)	53813	19.8388	20
7 Trichlorofluoromethane	101	1.086	1.086	(0.336)	112967	17.8929	18
10 Isoprene	67	1.215	1.215	(0.376)	109206	17.5065	18
11 Ethyl Ether	59	1.222	1.222	(0.378)	60732	17.6673	18
13 Acrolein	56	1.480	1.480	(0.457)	9807	28.0194	28
15 1,1-Dichloroethene	96	1.315	1.315	(0.407)	66005	20.3521	20
14 Freon TF	101	1.329	1.329	(0.411)	67197	16.9251	17
16 Acetone	58	1.630	1.630	(0.504)	5260	18.1442	18
18 Carbon Disulfide	76	1.322	1.322	(0.409)	242661	17.3259	17
19 Isopropanol	45	1.566	1.573	(0.484)	622098	2882.15	2900
21 Acetonitrile	39	1.874	1.874	(0.579)	28593	344.830	340
27 Methyl Acetate	74	1.687	1.688	(0.522)	24073	19.8470	20

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30424.d
Report Date: 21-Aug-2009 13:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.493)	80621	17.7366	18
	24 TBA	59	1.802	1.809	(0.557)	120313	386.056	390
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.517)	78904	17.9799	18
	26 Acrylonitrile	53	2.046	2.046	(0.632)	30170	20.9387	21
	28 MTBE	73	1.738	1.738	(0.537)	222630	18.5022	18
	29 Hexane	56	1.716	1.716	(0.531)	61513	17.4773	17
	30 1,1-Dichloroethane	63	2.010	2.010	(0.621)	137847	17.0233	17
	32 DIPE	45	1.945	1.953	(0.601)	240417	16.9025	17
	34 n-Propanol	60	2.218	2.225	(0.686)	39009	2914.60	2900
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.668)	236823	17.7142	18
	37 2,2-Dichloropropane	77	2.397	2.397	(0.741)	117824	17.2737	17
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.721)	86635	17.9010	18
	38 2-Butanone	72	2.740	2.741	(0.847)	12329	22.4347	22
	39 Ethyl Acetate	70	2.619	2.626	(0.810)	15724	42.9743	43
	40 Bromochloromethane	128	2.461	2.461	(0.761)	40583	19.6718	20
	41 Tetrahydrofuran	42	2.626	2.626	(0.812)	28158	21.6190	22
	42 Chloroform	83	2.511	2.511	(0.776)	137344	19.6117	20
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.816)	121014	20.3286	20
	44 Cyclohexane	56	2.447	2.447	(0.756)	129601	18.3263	18
	45 Carbon Tetrachloride	117	2.590	2.590	(0.801)	101274	20.8897	21
	46 1,1-Dichloropropene	75	2.726	2.726	(0.843)	107103	19.3993	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	107159	47.4467	47
	48 Benzene	78	2.905	2.905	(0.447)	305302	17.0955	17
	49 1,2-Dichloroethane	62	3.063	3.063	(0.947)	97098	18.5637	18
	51 n-Heptane	57	2.898	2.898	(0.896)	41860	16.3760	16
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.934)	192116	18.0223	18
	61 Isopropyl Acetate	43	3.313	3.314	(1.024)	212695	36.6759	37
*	52 Fluorobenzene	96	3.235	3.228	(1.000)	929585	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.040)	76073	18.5678	18
	53 n-Butanol	56	3.750	3.751	(1.159)	104808	1465.66	1500
	56 Methyl cyclohexane	83	3.342	3.342	(1.033)	117522	17.9429	18
	55 Ethyl Acrylate	55	3.901	3.901	(1.206)	72596	18.6631	19
	57 1,2-Dichloropropane	63	3.808	3.815	(1.177)	73868	17.4439	17
	58 Dibromomethane	93	3.715	3.715	(1.148)	42206	18.6559	19
	60 1,4-Dioxane	88	4.101	4.101	(1.268)	129738	3221.42	3200
	59 Methyl Methacrylate	100	4.087	4.087	(1.264)	19513	19.4924	19
	75 Propyl Acetate	43	4.245	4.245	(1.312)	153081	35.7580	36
	68 Bromodichloromethane	83	3.887	3.887	(1.202)	97906	18.2947	18
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.388)	41324	17.2295	17
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	111674	333.497	330
	67 cis-1,3-Dichloropropene	75	4.510	4.510	(0.694)	119748	16.8777	17
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	49978	17.3187	17
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	404065	48.1369	48
	66 Toluene	91	4.746	4.746	(0.730)	334577	18.5926	18
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	108912	17.3005	17
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	51176	17.4386	17
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	80502	18.8622	19

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30424.d
Report Date: 21-Aug-2009 13:48

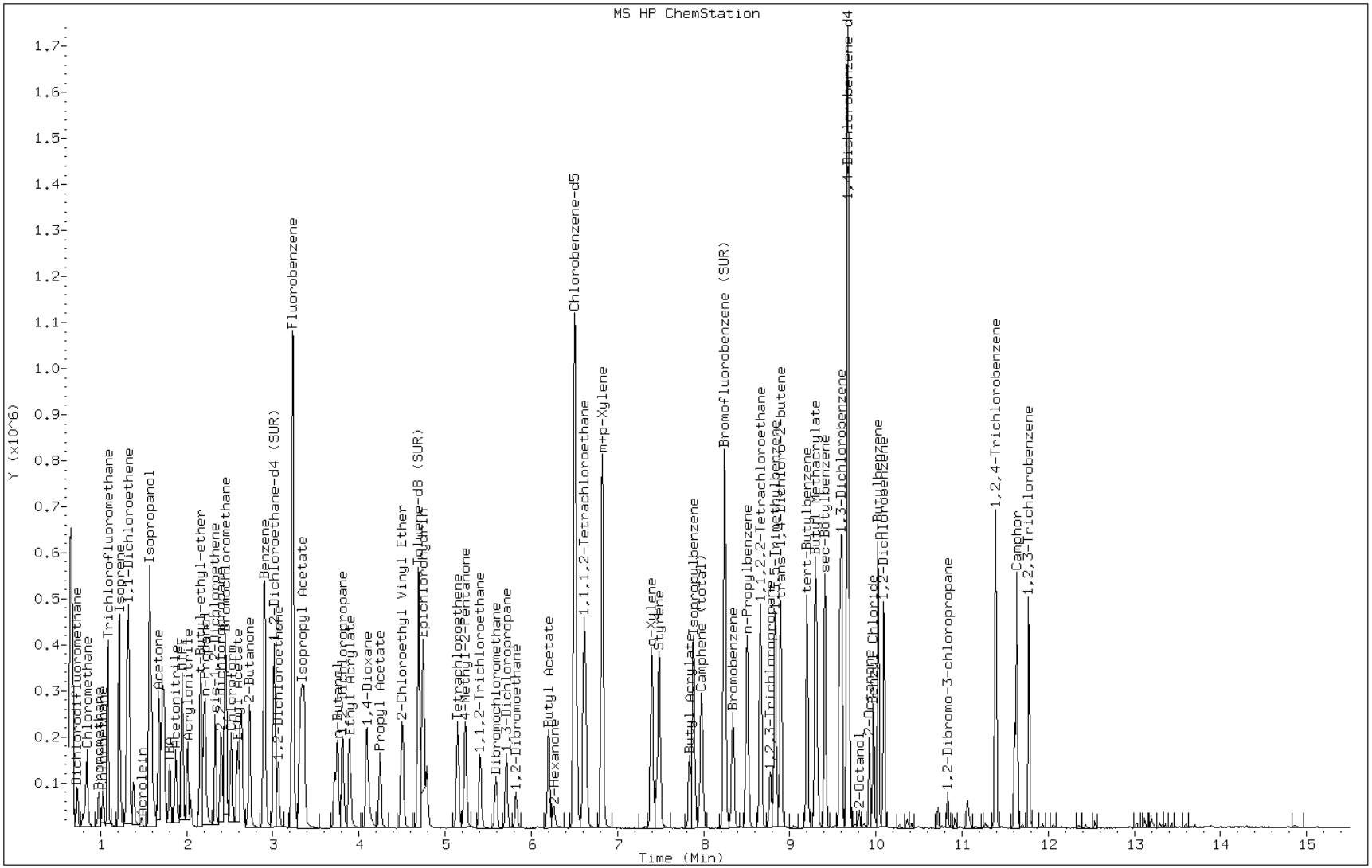
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	108680	17.3650	17
	73 2-Hexanone	43	6.265	6.258	(0.964)	41304	19.1215	19
	74 Dibromochloromethane	129	5.584	5.591	(0.859)	70867	17.9808	18
	76 Butyl Acetate	73	6.200	6.200	(0.954)	31435	37.3285	37
	77 1,2-Dibromoethane	107	5.821	5.828	(0.895)	62907	18.1024	18
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	679584	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	211779	17.6004	18
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	68501	17.5819	18
	81 Ethylbenzene	106	6.616	6.616	(1.018)	112513	17.7794	18
	82 m+p-Xylene	106	6.823	6.823	(1.050)	281657	35.4323	35
	84 o-Xylene	106	7.396	7.396	(1.138)	136257	17.9928	18
	85 Styrene	104	7.482	7.482	(1.151)	232802	17.5610	18
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	49816	19.7228	20
	86 Bromoform	173	7.454	7.454	(1.147)	43013	18.0556	18
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	357796	19.4769	19
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	269195	52.9501	53
	90 Camphene (total)	93	7.977	7.977	(1.227)	116568	19.1984	19
	91 Bromobenzene	156	8.342	8.342	(0.862)	89865	17.5554	18
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	72664	17.3954	17
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	22966	19.2994	19
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	23064	16.9792	17
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	414599	17.8935	18
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	251249	17.7959	18
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	291616	18.2257	18
	98 4-Chlorotoluene	91	8.901	8.894	(0.920)	276305	17.9925	18
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	94786	19.3878	19
	100 tert-Butylbenzene	119	9.202	9.202	(0.951)	258680	18.5966	18
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	295780	17.5934	18
	102 2-Octanone	43	9.925	9.925	(1.026)	81817	17.0453	17
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	374693	18.3184	18
	104 2-Octanol	45	9.803	9.803	(1.013)	17801	15.3630	15
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	179203	17.6813	18
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	332364	18.5404	18
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	364935	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.689	(1.001)	188393	17.9471	18
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	157054	16.0272	16
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	290242	18.2419	18
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	171341	17.7452	18
	112 1,2-Dibromo-3-chloropropane	75	10.835	10.835	(1.120)	16057	18.8696	19
	113 Camphor	95	11.608	11.608	(1.200)	43346	95.1309	95
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	122657	17.5890	18
	115 Hexachlorobutadiene	225	11.393	11.401	(1.178)	43021	17.2609	17
	116 Naphthalene	128	11.637	11.637	(1.203)	317313	19.7608	20
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	108508	18.3623	18
M	120 1,2-Dichloroethene (Total)	100				165540	35.8771	36
M	121 Xylene (Total)	100				417914	53.4162	53

Data File: p30424.d

Date: 21-AUG-2009 13:20

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-15029/3

Matrix: Water Lab File ID: p30442.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/24/2009 08:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15029 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	22.5		1.0	0.29
74-87-3	Chloromethane	17.8		1.0	0.21
74-83-9	Bromomethane	16.9		1.0	0.31
75-01-4	Vinyl chloride	20.7		1.0	0.13
75-00-3	Chloroethane	23.1		1.0	0.45
75-69-4	Trichlorofluoromethane	22.3		1.0	0.16
76-13-1	Freon TF	16.0		1.0	0.28
75-09-2	Methylene Chloride	16.9		1.0	0.19
67-64-1	Acetone	21.2		10	2.5
75-15-0	Carbon disulfide	14.7		1.0	0.15
79-20-9	Methyl acetate	19.2		2.0	0.33
75-35-4	1,1-Dichloroethene	18.3		1.0	0.14
75-34-3	1,1-Dichloroethane	16.2		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	17.4		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	16.4		1.0	0.14
1634-04-4	MTBE	18.6		1.0	0.18
67-66-3	Chloroform	19.7		1.0	0.15
107-06-2	1,2-Dichloroethane	18.4		1.0	0.24
78-93-3	2-Butanone	24.4		10	0.82
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.25
110-82-7	Cyclohexane	17.9		1.0	0.13
56-23-5	Carbon tetrachloride	21.1		1.0	0.19
75-27-4	Bromodichloromethane	18.1		1.0	0.093
78-87-5	1,2-Dichloropropane	17.4		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	17.0		1.0	0.11
79-01-6	Trichloroethene	18.4		1.0	0.18
108-87-2	Methylcyclohexane	18.0		1.0	0.090
124-48-1	Dibromochloromethane	18.2		1.0	0.11
79-00-5	1,1,2-Trichloroethane	17.2		1.0	0.10
71-43-2	Benzene	16.3		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	17.2		1.0	0.12
75-25-2	Bromoform	19.3		1.0	0.10
98-82-8	Isopropylbenzene	19.6		1.0	0.21
108-10-1	4-Methyl-2-pentanone	18.3		10	0.68
591-78-6	2-Hexanone	19.6		10	0.55
127-18-4	Tetrachloroethene	18.5		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-15029/3

Matrix: Water Lab File ID: p30442.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/24/2009 08:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15029 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.2		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.090
108-90-7	Chlorobenzene	17.4		1.0	0.16
100-41-4	Ethylbenzene	17.6		1.0	0.25
1330-20-7	Xylenes, Total	53.2		3.0	0.43
100-42-5	Styrene	17.4		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		1.0	0.15
541-73-1	1,3-Dichlorobenzene	17.7		1.0	0.22
106-46-7	1,4-Dichlorobenzene	17.3		1.0	0.15
95-50-1	1,2-Dichlorobenzene	17.8		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.44
106-93-4	1,2-Dibromoethane	18.1		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	56-125	
2037-26-5	Toluene-d8 (Surr)	94	72-127	
460-00-4	Bromofluorobenzene	112	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30442.d
Report Date: 24-Aug-2009 09:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30442.d
Lab Smp Id: LCS
Inj Date : 24-AUG-2009 08:13
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.735	(0.228)	76535	22.5427	22
3 Chloromethane	50	0.835	0.835	(0.259)	79483	17.8416	18
4 Vinyl Chloride	62	0.842	0.842	(0.261)	96737	20.6961	21
6 Bromomethane	94	0.978	0.978	(0.303)	41557	16.9345	17
5 Chloroethane	64	1.021	1.028	(0.316)	61224	23.0955	23
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	137517	22.2878	22
10 Isoprene	67	1.215	1.215	(0.376)	95293	15.6312	16
11 Ethyl Ether	59	1.222	1.222	(0.379)	58459	17.4011	17
13 Acrolein	56	1.480	1.480	(0.458)	10017	29.3014	29
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	58001	18.2997	18
14 Freon TF	101	1.329	1.329	(0.412)	62164	16.0212	16
16 Acetone	58	1.623	1.630	(0.503)	5994	21.1549	21
18 Carbon Disulfide	76	1.322	1.322	(0.410)	200763	14.6676	15
21 Acetonitrile	39	1.874	1.874	(0.581)	30791	379.964	380
27 Methyl Acetate	74	1.687	1.695	(0.523)	22781	19.2177	19
22 Methylene Chloride	84	1.594	1.594	(0.494)	75144	16.9159	17

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30442.d
Report Date: 24-Aug-2009 09:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	24 TBA	59	1.809	1.809	(0.561)	139787	458.968	460
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	70275	16.3857	16
	26 Acrylonitrile	53	2.046	2.053	(0.634)	21457	15.2377	15
	28 MTBE	73	1.738	1.738	(0.538)	218948	18.6192	19
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	128268	16.2085	16
	32 DIPE	45	1.945	1.953	(0.603)	224300	16.1359	16
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	115200	17.2816	17
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	82418	17.4254	17
	38 2-Butanone	72	2.740	2.740	(0.849)	13122	24.4326	24
	39 Ethyl Acetate	70	2.626	2.619	(0.814)	14956	41.8237	42
	40 Bromochloromethane	128	2.461	2.461	(0.763)	39377	19.5306	20
	42 Chloroform	83	2.511	2.518	(0.778)	134667	19.6765	20
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	116228	19.9785	20
	44 Cyclohexane	56	2.447	2.447	(0.758)	123551	17.8768	18
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	99836	21.0718	21
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	102354	18.9700	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	105171	47.6489	48
	48 Benzene	78	2.905	2.905	(0.447)	290909	16.2901	16
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	94039	18.3967	18
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	219355	38.7035	39
*	52 Fluorobenzene	96	3.227	3.228	(1.000)	908465	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	73718	18.4113	18
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	115372	18.0241	18
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	71930	17.3811	17
	58 Dibromomethane	93	3.714	3.715	(1.151)	43163	19.5221	20
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	137381	3490.50	3500
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	19507	19.9388	20
	75 Propyl Acetate	43	4.245	4.245	(1.315)	160361	38.3294	38
	68 Bromodichloromethane	83	3.886	3.887	(1.204)	94620	18.0915	18
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	47610	20.3116	20
	67 cis-1,3-Dichloropropene	75	4.510	4.510	(0.694)	120524	16.9876	17
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	52720	18.2695	18
$	65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	396550	47.2431	47
	66 Toluene	91	4.746	4.746	(0.730)	326876	18.1652	18
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	108236	17.1936	17
	69 1,1,2-Trichloroethane	83	5.405	5.412	(0.831)	50592	17.2399	17
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	78909	18.4894	18
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	107491	17.1756	17
	73 2-Hexanone	43	6.257	6.258	(0.963)	42365	19.6130	20
	74 Dibromochloromethane	129	5.591	5.591	(0.860)	71819	18.2230	18
	76 Butyl Acetate	73	6.200	6.200	(0.954)	34175	40.5830	40
	77 1,2-Dibromoethane	107	5.820	5.828	(0.895)	62872	18.0928	18
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	679562	50.0000	
	79 Chlorobenzene	112	6.522	6.523	(1.003)	209232	17.3893	17
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	68985	17.7066	18
	81 Ethylbenzene	106	6.608	6.609	(1.017)	111444	17.6111	18
	82 m+p-Xylene	106	6.823	6.823	(1.050)	280647	35.3064	35

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30442.d
Report Date: 24-Aug-2009 09:09

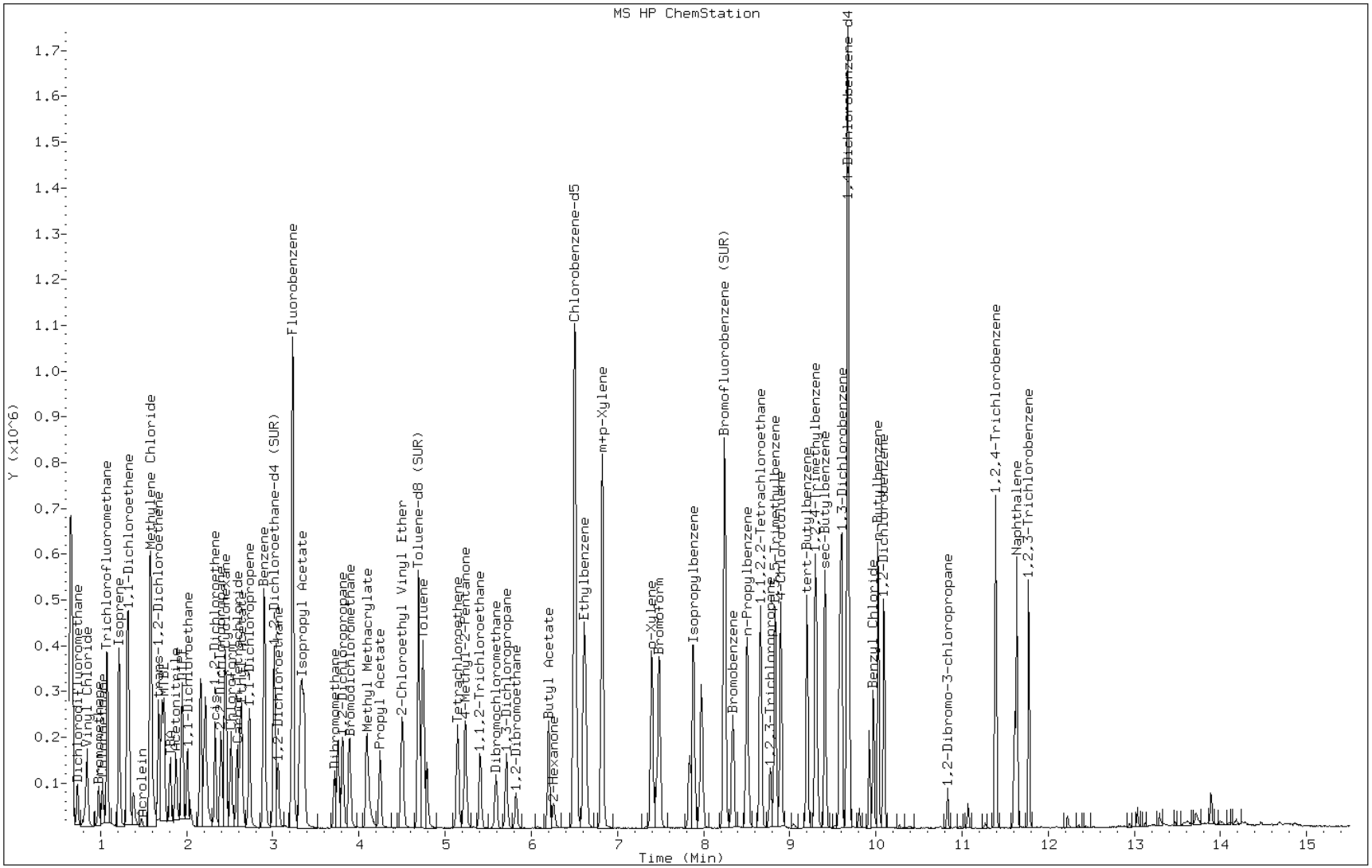
							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	84 o-Xylene	106	7.396	7.396	(1.138)	135549	17.8998	18
	85 Styrene	104	7.482	7.490	(1.151)	231033	17.4281	17
	86 Bromoform	173	7.454	7.454	(1.147)	45920	19.2762	19
	88 Isopropylbenzene	105	7.883	7.884	(1.213)	360028	19.5990	20
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	287982	55.8461	56
	91 Bromobenzene	156	8.342	8.342	(0.862)	89990	17.3317	17
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	76789	18.1234	18
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	23580	19.5354	20
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	418179	17.7933	18
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	245665	17.1548	17
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	294949	18.1739	18
	98 4-Chlorotoluene	91	8.901	8.901	(0.920)	267678	17.1847	17
	100 tert-Butylbenzene	119	9.201	9.202	(0.951)	263261	18.6588	19
	101 1,2,4-Trimethylbenzene	105	9.294	9.295	(0.961)	303001	17.7686	18
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	382974	18.4591	18
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	182048	17.7086	18
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	336087	18.4835	18
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	370158	50.0000	
	109 1,4-Dichlorobenzene	146	9.688	9.689	(1.001)	184200	17.3000	17
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	178269	17.9354	18
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	300627	18.6280	19
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	174628	17.8304	18
	112 1,2-Dibromo-3-chloropropane	75	10.827	10.828	(1.119)	17765	20.5883	20
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	131248	18.5553	18
	115 Hexachlorobutadiene	225	11.393	11.401	(1.178)	45075	17.8297	18
	116 Naphthalene	128	11.637	11.637	(1.203)	334254	20.5252	20
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	118134	19.7127	20
M	120 1,2-Dichloroethene (Total)	100				152693	33.8620	34
M	121 Xylene (Total)	100				416196	53.1983	53

Data File: p30442.d

Date: 24-AUG-2009 08:13

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-15245/3

Matrix: Water Lab File ID: p30495.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/25/2009 22:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15245 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	24.4		1.0	0.29
74-87-3	Chloromethane	18.2		1.0	0.21
74-83-9	Bromomethane	15.0		1.0	0.31
75-01-4	Vinyl chloride	21.6		1.0	0.13
75-00-3	Chloroethane	25.9		1.0	0.45
75-69-4	Trichlorofluoromethane	24.4		1.0	0.16
76-13-1	Freon TF	17.9		1.0	0.28
75-09-2	Methylene Chloride	17.3		1.0	0.19
67-64-1	Acetone	21.7		10	2.5
75-15-0	Carbon disulfide	15.4		1.0	0.15
79-20-9	Methyl acetate	19.0		2.0	0.33
75-35-4	1,1-Dichloroethene	19.6		1.0	0.14
75-34-3	1,1-Dichloroethane	16.5		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.14
1634-04-4	MTBE	19.2		1.0	0.18
67-66-3	Chloroform	20.0		1.0	0.15
107-06-2	1,2-Dichloroethane	19.4		1.0	0.24
78-93-3	2-Butanone	24.7		10	0.82
71-55-6	1,1,1-Trichloroethane	21.7		1.0	0.25
110-82-7	Cyclohexane	19.0		1.0	0.13
56-23-5	Carbon tetrachloride	22.6		1.0	0.19
75-27-4	Bromodichloromethane	19.5		1.0	0.093
78-87-5	1,2-Dichloropropane	18.3		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.11
79-01-6	Trichloroethene	19.8		1.0	0.18
108-87-2	Methylcyclohexane	19.9		1.0	0.090
124-48-1	Dibromochloromethane	18.8		1.0	0.11
79-00-5	1,1,2-Trichloroethane	17.4		1.0	0.10
71-43-2	Benzene	16.7		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	17.6		1.0	0.12
75-25-2	Bromoform	19.7		1.0	0.10
98-82-8	Isopropylbenzene	20.9		1.0	0.21
108-10-1	4-Methyl-2-pentanone	17.6		10	0.68
591-78-6	2-Hexanone	18.7		10	0.55
127-18-4	Tetrachloroethene	19.7		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-15245/3

Matrix: Water | Lab File ID: p30495.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/25/2009 22:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15245 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.4		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.090
108-90-7	Chlorobenzene	18.6		1.0	0.16
100-41-4	Ethylbenzene	18.8		1.0	0.25
1330-20-7	Xylenes, Total	56.0		3.0	0.43
100-42-5	Styrene	18.4		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.0	0.15
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.22
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.7		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	19.1		1.0	0.44
106-93-4	1,2-Dibromoethane	18.9		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	56-125	
2037-26-5	Toluene-d8 (Surr)	93	72-127	
460-00-4	Bromofluorobenzene	111	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30495.d
Report Date: 26-Aug-2009 00:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30495.d
Lab Smp Id: LCS
Inj Date : 25-AUG-2009 22:55
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/8260_09.m
Meth Date : 25-Aug-2009 22:40 ken Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.728	(0.228)	74596	24.4498	24
3 Chloromethane	50	0.828	0.828	(0.257)	72860	18.1997	18
4 Vinyl Chloride	62	0.842	0.842	(0.261)	90752	21.6054	22
6 Bromomethane	94	0.978	0.978	(0.303)	33023	14.9837	15
5 Chloroethane	64	1.021	1.021	(0.316)	61657	25.8823	26
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	135120	24.3692	24
10 Isoprene	67	1.215	1.215	(0.376)	94035	17.1647	17
11 Ethyl Ether	59	1.222	1.222	(0.379)	55612	18.4206	18
13 Acrolein	56	1.473	1.480	(0.456)	9672	31.5157	32
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	55759	19.5766	20
14 Freon TF	101	1.329	1.329	(0.412)	62572	17.9452	18
16 Acetone	58	1.630	1.630	(0.505)	5530	21.7218	22
18 Carbon Disulfide	76	1.322	1.322	(0.410)	189750	15.4265	15
19 Isopropanol	45	1.573	1.580	(0.487)	567539	2993.94	3000
21 Acetonitrile	39	1.874	1.874	(0.581)	24407	335.158	340
27 Methyl Acetate	74	1.687	1.687	(0.523)	20218	18.9794	19

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30495.d
Report Date: 26-Aug-2009 00:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	69142	17.3202	17
	24 TBA	59	1.809	1.809	(0.561)	116635	426.141	430
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	68351	17.7347	18
	26 Acrylonitrile	53	2.046	2.046	(0.634)	21765	17.1998	17
	28 MTBE	73	1.738	1.738	(0.538)	202919	19.2022	19
	29 Hexane	56	1.709	1.709	(0.529)	54876	17.7533	18
	30 1,1-Dichloroethane	63	2.010	2.003	(0.623)	117478	16.5194	16
	32 DIPE	45	1.945	1.945	(0.603)	205141	16.4220	16
	34 n-Propanol	60	2.218	2.225	(0.687)	33919	2885.63	2900
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	212673	18.1133	18
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	118260	19.7414	20
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	77247	18.1742	18
	38 2-Butanone	72	2.740	2.740	(0.849)	11927	24.7127	25
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	14350	44.6565	45
	40 Bromochloromethane	128	2.461	2.461	(0.763)	36650	20.2286	20
	41 Tetrahydrofuran	42	2.626	2.626	(0.814)	24177	21.1367	21
	42 Chloroform	83	2.511	2.511	(0.778)	122969	19.9936	20
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	113383	21.6876	22
	44 Cyclohexane	56	2.447	2.447	(0.758)	117857	18.9762	19
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	96395	22.6401	23
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	95527	19.7016	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	93076	46.9253	47
	48 Benzene	78	2.905	2.905	(0.447)	271376	16.6822	17
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	89063	19.3884	19
	51 n-Heptane	57	2.891	2.898	(0.896)	40429	18.0166	18
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	179310	19.1532	19
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	197161	38.7110	39
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	816392	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	71227	19.7956	20
	53 n-Butanol	56	3.758	3.758	(1.164)	95319	1517.78	1500
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	114692	19.9387	20
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	70003	20.4917	20
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	68229	18.3464	18
	58 Dibromomethane	93	3.715	3.715	(1.151)	39340	19.8000	20
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	119426	3376.53	3400
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	17071	19.4175	19
	75 Propyl Acetate	43	4.245	4.245	(1.315)	142498	37.9011	38
	68 Bromodichloromethane	83	3.887	3.886	(1.204)	91444	19.4562	19
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	39610	18.8049	19
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	104615	342.971	340
	67 cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	114489	17.7148	18
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	46364	17.6380	18
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	357262	46.7241	47
	66 Toluene	91	4.739	4.739	(0.729)	317416	19.3643	19
	64 trans-1,3-Dichloropropene	75	5.233	5.233	(0.805)	100893	17.5942	18
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	46640	17.4473	17
	71 Tetrachloroethene	166	5.147	5.140	(0.792)	76393	19.6500	20

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30495.d
Report Date: 26-Aug-2009 00:19

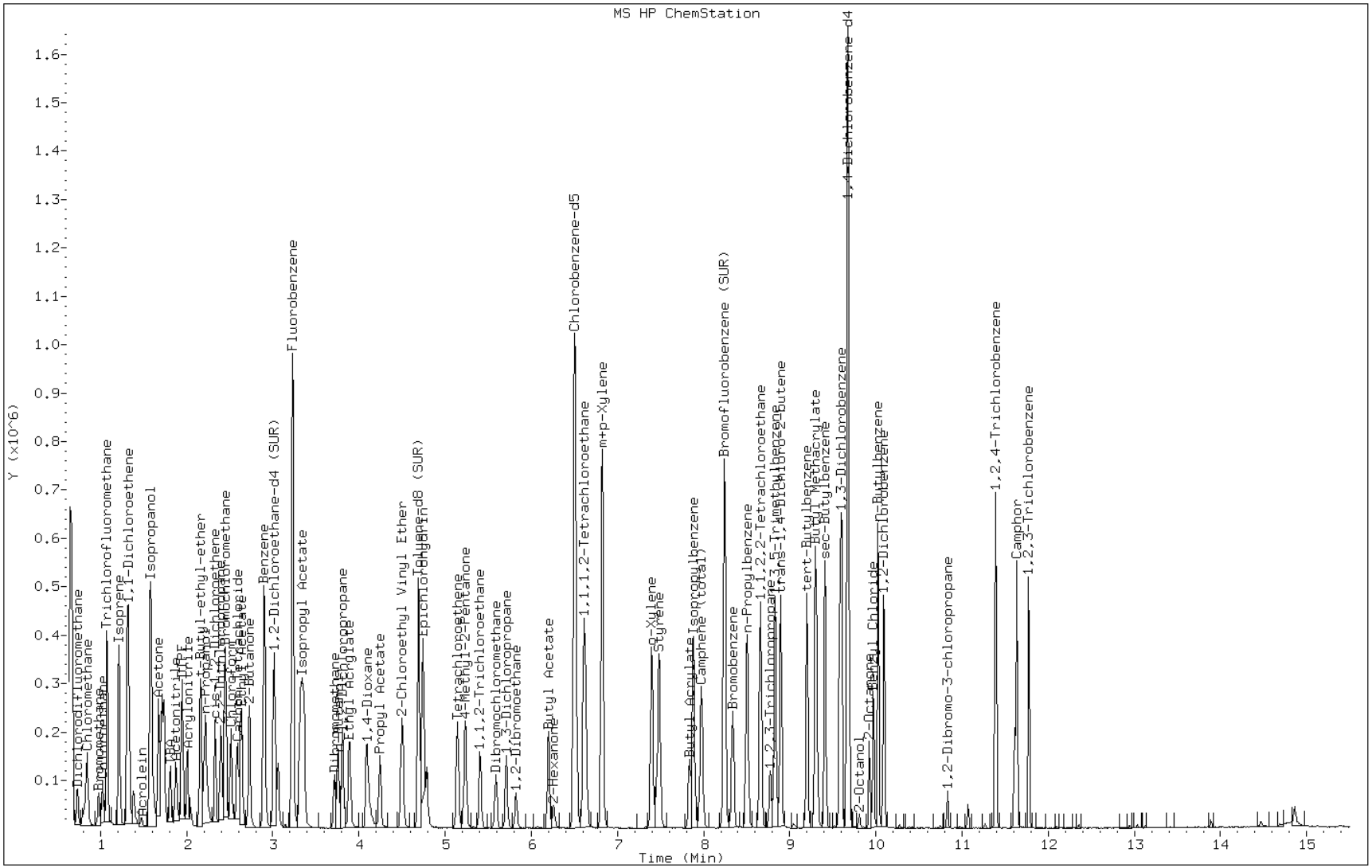
							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	99636	17.4772	17
	73 2-Hexanone	43	6.258	6.257	(0.963)	36888	18.7476	19
	74 Dibromochloromethane	129	5.591	5.591	(0.860)	67636	18.8396	19
	76 Butyl Acetate	73	6.200	6.200	(0.954)	29589	38.5729	38
	77 1,2-Dibromoethane	107	5.821	5.821	(0.895)	59936	18.9344	19
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	619036	50.0000	
	79 Chlorobenzene	112	6.523	6.522	(1.003)	203979	18.6103	19
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	67468	19.0106	19
	81 Ethylbenzene	106	6.608	6.608	(1.017)	108367	18.7993	19
	82 m+p-Xylene	106	6.823	6.823	(1.050)	270068	37.2975	37
	84 o-Xylene	106	7.396	7.396	(1.138)	129027	18.7046	19
	85 Styrene	104	7.482	7.482	(1.151)	222540	18.4289	18
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	45155	19.6261	20
	86 Bromoform	173	7.454	7.454	(1.147)	42737	19.6944	20
	88 Isopropylbenzene	105	7.883	7.883	(1.213)	350295	20.9337	21
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	261019	55.3853	55
	90 Camphene (total)	93	7.969	7.977	(1.226)	119955	21.6885	22
	91 Bromobenzene	156	8.342	8.335	(0.862)	87649	18.4710	18
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	70365	18.1715	18
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	21274	19.2856	19
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	23404	18.5864	18
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	403856	18.8025	19
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	241749	18.4715	18
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	290067	19.5566	20
	98 4-Chlorotoluene	91	8.893	8.901	(0.919)	261168	18.3462	18
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	95718	21.1203	21
	100 tert-Butylbenzene	119	9.201	9.201	(0.951)	255907	19.8460	20
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	296463	19.0229	19
	102 2-Octanone	43	9.925	9.925	(1.026)	75690	17.0109	17
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	374231	19.7367	20
	104 2-Octanol	45	9.803	9.803	(1.013)	15488	14.4197	14
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	176351	18.7703	19
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	337209	20.2920	20
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	338293	50.0000	
	109 1,4-Dichlorobenzene	146	9.681	9.681	(1.001)	181688	18.6715	19
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	170223	18.7391	19
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	293117	19.8735	20
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	167001	18.6578	19
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.827	(1.119)	15797	20.0304	20
	113 Camphor	95	11.608	11.608	(1.200)	39429	93.3499	93
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	123464	19.0990	19
	115 Hexachlorobutadiene	225	11.401	11.393	(1.178)	46033	19.9239	20
	116 Naphthalene	128	11.637	11.637	(1.203)	309768	20.8145	21
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	113053	20.6444	21
M	120 1,2-Dichloroethene (Total)	100				145599	35.9304	36
M	121 Xylene (Total)	100				399095	56.0003	56

Data File: p30495.d

Date: 25-AUG-2009 22:55

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-15423/3

Matrix: Water | Lab File ID: p30563.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/27/2009 08:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15423 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	21.6		1.0	0.29
74-87-3	Chloromethane	20.1		1.0	0.21
74-83-9	Bromomethane	22.9		1.0	0.31
75-01-4	Vinyl chloride	22.2		1.0	0.13
75-00-3	Chloroethane	18.1		1.0	0.45
75-69-4	Trichlorofluoromethane	18.8		1.0	0.16
76-13-1	Freon TF	17.8		1.0	0.28
75-09-2	Methylene Chloride	18.7		1.0	0.19
67-64-1	Acetone	20.3		10	2.5
75-15-0	Carbon disulfide	17.1		1.0	0.15
79-20-9	Methyl acetate	18.7		2.0	0.33
75-35-4	1,1-Dichloroethene	20.8		1.0	0.14
75-34-3	1,1-Dichloroethane	18.6		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.14
1634-04-4	MTBE	18.4		1.0	0.18
67-66-3	Chloroform	18.8		1.0	0.15
107-06-2	1,2-Dichloroethane	18.1		1.0	0.24
78-93-3	2-Butanone	18.5		10	0.82
71-55-6	1,1,1-Trichloroethane	19.0		1.0	0.25
110-82-7	Cyclohexane	17.9		1.0	0.13
56-23-5	Carbon tetrachloride	19.7		1.0	0.19
75-27-4	Bromodichloromethane	18.8		1.0	0.093
78-87-5	1,2-Dichloropropane	18.6		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.11
79-01-6	Trichloroethene	18.4		1.0	0.18
108-87-2	Methylcyclohexane	18.2		1.0	0.090
124-48-1	Dibromochloromethane	18.9		1.0	0.11
79-00-5	1,1,2-Trichloroethane	18.8		1.0	0.10
71-43-2	Benzene	18.0		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.12
75-25-2	Bromoform	19.0		1.0	0.10
98-82-8	Isopropylbenzene	19.4		1.0	0.21
108-10-1	4-Methyl-2-pentanone	19.3		10	0.68
591-78-6	2-Hexanone	18.5		10	0.55
127-18-4	Tetrachloroethene	19.5		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-15423/3

Matrix: Water | Lab File ID: p30563.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/27/2009 08:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15423 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.1		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.090
108-90-7	Chlorobenzene	18.3		1.0	0.16
100-41-4	Ethylbenzene	18.4		1.0	0.25
1330-20-7	Xylenes, Total	55.8		3.0	0.43
100-42-5	Styrene	17.9		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.0	0.15
541-73-1	1,3-Dichlorobenzene	18.7		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.8		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	19.1		1.0	0.44
106-93-4	1,2-Dibromoethane	18.8		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	56-125	
2037-26-5	Toluene-d8 (Surr)	98	72-127	
460-00-4	Bromofluorobenzene	102	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30563.d
Report Date: 27-Aug-2009 12:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30563.d
Lab Smp Id: LCS
Inj Date : 27-AUG-2009 08:34
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.728	(0.228)	66341	21.6060	22
3 Chloromethane	50	0.828	0.835	(0.257)	69273	20.1397	20
4 Vinyl Chloride	62	0.842	0.842	(0.261)	85763	22.1528	22
6 Bromomethane	94	0.978	0.971	(0.303)	47289	22.9188	23
5 Chloroethane	64	1.029	1.021	(0.319)	48952	18.1032	18
7 Trichlorofluoromethane	101	1.086	1.079	(0.336)	118675	18.8035	19
8 n-Pentane	72	1.079	1.071	(0.334)	13446	18.6054	19
10 Isoprene	67	1.215	1.208	(0.376)	104470	17.8763	18
11 Ethyl Ether	59	1.222	1.222	(0.379)	60790	18.3029	18
13 Acrolein	56	1.480	1.480	(0.458)	11983	41.8223	42
15 1,1-Dichloroethene	96	1.315	1.308	(0.407)	61424	20.8101	21
14 Freon TF	101	1.329	1.329	(0.412)	67377	17.7996	18
16 Acetone	58	1.630	1.630	(0.505)	6732	20.2551	20
18 Carbon Disulfide	76	1.322	1.322	(0.410)	220238	17.0613	17
19 Isopropanol	45	1.573	1.580	(0.487)	654476	3197.98	3200
21 Acetonitrile	39	1.874	1.874	(0.581)	28714	344.178	340

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30563.d
Report Date: 27-Aug-2009 12:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	27 Methyl Acetate	74	1.688	1.695	(0.523)	22891	18.6622	19
	22 Methylene Chloride	84	1.595	1.594	(0.494)	72817	18.7373	19
	24 TBA	59	1.802	1.809	(0.558)	133530	374.666	370
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	70747	18.2592	18
	26 Acrylonitrile	53	2.046	2.046	(0.634)	26931	21.7160	22
	28 MTBE	73	1.738	1.738	(0.538)	216436	18.3749	18
	29 Hexane	56	1.716	1.709	(0.532)	61201	18.9914	19
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	126871	18.6154	19
	31 Vinyl Acetate	43	2.168	2.167	(0.672)	56022	12.2762	12(R)
	32 DIPE	45	1.946	1.945	(0.603)	216598	18.0691	18
	34 n-Propanol	60	2.218	2.225	(0.687)	41562	3290.47	3300
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	227941	18.3386	18
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	117600	19.6400	20
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	79645	18.5821	18
	38 2-Butanone	72	2.733	2.740	(0.847)	12098	18.4614	18
	39 Ethyl Acetate	70	2.626	2.619	(0.814)	14649	35.3106	35
	40 Bromochloromethane	128	2.461	2.461	(0.763)	38858	18.7613	19
	41 Tetrahydrofuran	42	2.619	2.619	(0.811)	26707	17.7349	18
	42 Chloroform	83	2.511	2.511	(0.778)	127773	18.7639	19
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	114110	18.9543	19
	44 Cyclohexane	56	2.447	2.447	(0.758)	120952	17.8830	18
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	98905	19.7073	20
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	99287	19.0030	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	125925	47.1671	47
	48 Benzene	78	2.905	2.905	(0.447)	281235	18.0088	18
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	91582	18.1411	18
	51 n-Heptane	57	2.898	2.898	(0.898)	42561	18.6561	19
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	186607	17.7954	18
	61 Isopropyl Acetate	43	3.314	3.313	(1.027)	216200	35.0538	35
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	866913	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	72022	18.4031	18
	53 n-Butanol	56	3.751	3.758	(1.162)	109174	1592.95	1600
	56 Methyl cyclohexane	83	3.342	3.335	(1.036)	116535	18.2294	18
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	76154	20.3727	20
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	67790	18.5568	18
	58 Dibromomethane	93	3.715	3.715	(1.151)	40643	18.7867	19
	60 1,4-Dioxane	88	4.102	4.101	(1.271)	135377	3282.19	3300
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	19925	18.8295	19
	75 Propyl Acetate	43	4.245	4.245	(1.315)	156748	37.2623	37
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	92479	18.7519	19
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	43981	17.8709	18
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	116291	377.211	380
	67 cis-1,3-Dichloropropene	75	4.510	4.503	(0.694)	113685	18.8131	19
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	53069	19.3040	19
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	387827	48.9814	49
	66 Toluene	91	4.746	4.739	(0.730)	319236	18.1129	18
	64 trans-1,3-Dichloropropene	75	5.233	5.240	(0.805)	107484	19.2407	19

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30563.d
Report Date: 27-Aug-2009 12:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	49062	18.8179	19
	71 Tetrachloroethene	166	5.140	5.147	(0.791)	77162	19.4949	19
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	104130	18.8657	19
	73 2-Hexanone	43	6.258	6.258	(0.963)	39988	18.5303	18
	74 Dibromochloromethane	129	5.591	5.584	(0.860)	70056	18.9239	19
	76 Butyl Acetate	73	6.200	6.200	(0.954)	32074	37.7798	38
	77 1,2-Dibromoethane	107	5.821	5.828	(0.895)	60174	18.7681	19
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	661126	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	203485	18.3095	18
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	67674	18.0197	18
	81 Ethylbenzene	106	6.616	6.609	(1.018)	107406	18.3718	18
	82 m+p-Xylene	106	6.824	6.823	(1.050)	272007	37.3699	37
	84 o-Xylene	106	7.397	7.396	(1.138)	127551	18.4640	18
	85 Styrene	104	7.483	7.482	(1.151)	216703	17.9366	18
	83 Butyl Acrylate	73	7.834	7.833	(1.205)	48094	20.0402	20
	86 Bromoform	173	7.454	7.454	(1.147)	43629	18.9736	19
	88 Isopropylbenzene	105	7.884	7.876	(1.213)	340223	19.3965	19
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	204525	51.0536	51
	90 Camphene (total)	93	7.970	7.977	(1.226)	114858	18.9317	19
	91 Bromobenzene	156	8.342	8.342	(0.862)	88377	18.9787	19
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	76029	20.2704	20
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	22524	19.0985	19
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	24213	18.0754	18
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	399628	19.2330	19
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	238340	18.8069	19
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	278751	18.8054	19
	98 4-Chlorotoluene	91	8.894	8.894	(0.919)	257180	18.8084	19
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	93343	20.1871	20
	100 tert-Butylbenzene	119	9.202	9.202	(0.951)	248423	19.3315	19
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	292594	18.8932	19
	102 2-Octanone	43	9.925	9.925	(1.026)	81220	16.0765	16
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	364591	19.2470	19
	104 2-Octanol	45	9.803	9.803	(1.013)	19048	17.5475	18
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	171206	18.7070	19
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	322004	19.5346	20
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.667	(1.000)	352485	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.681	(1.001)	179837	19.0145	19
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	175333	19.3735	19
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	286845	19.3025	19
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	166812	18.7995	19
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.828	(1.119)	16198	19.6184	20
	113 Camphor	95	11.608	11.608	(1.200)	46310	104.215	100
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	122540	19.1310	19
	115 Hexachlorobutadiene	225	11.401	11.393	(1.178)	44877	19.7981	20
	116 Naphthalene	128	11.637	11.637	(1.203)	312753	20.1523	20
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	113248	19.5094	20
M	120 1,2-Dichloroethene (Total)	100				150392	36.8576	37

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30563.d
Report Date: 27-Aug-2009 12:59

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				399559	55.8415	56

QC Flag Legend

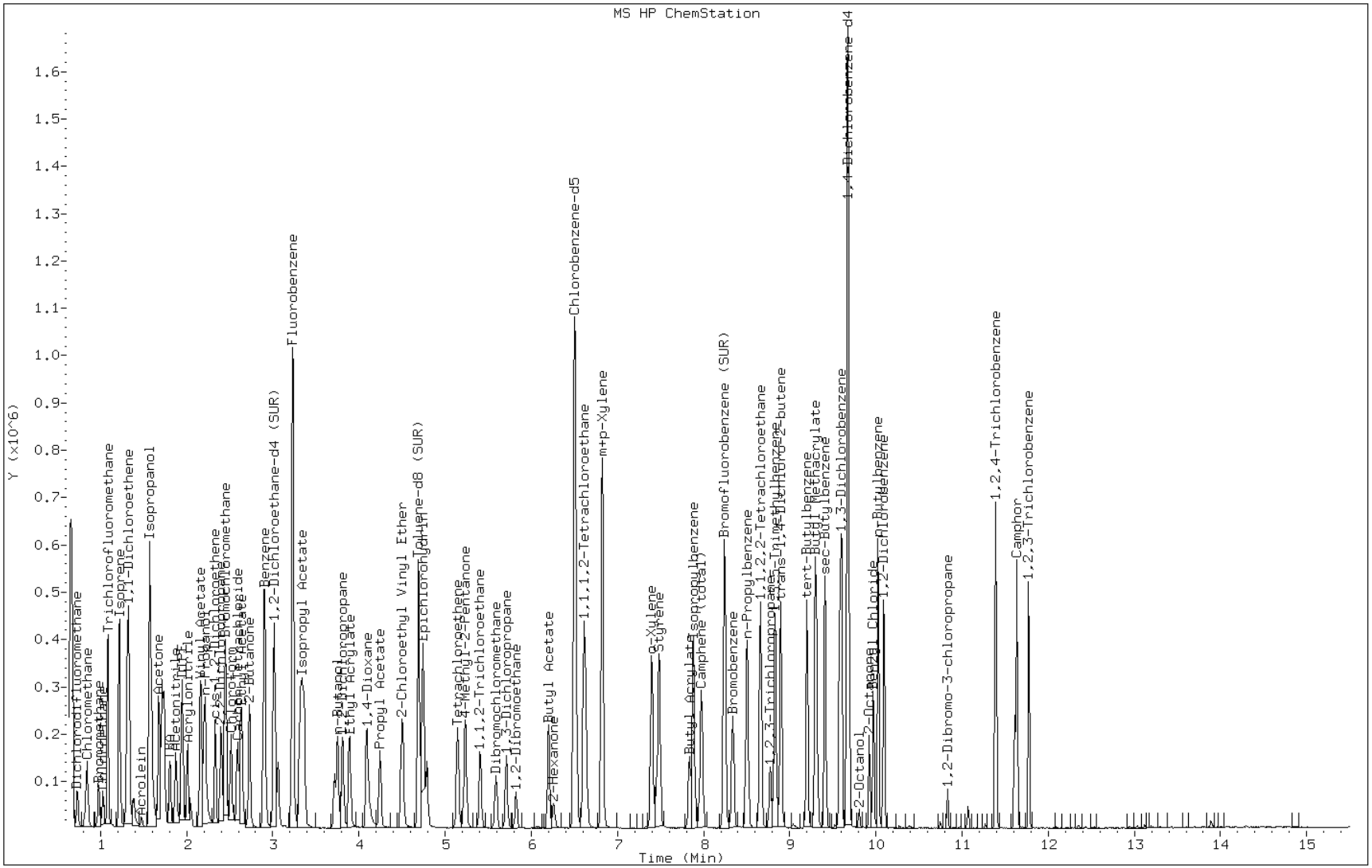
R - Spike/Surrogate failed recovery limits.

Data File: p30563.d

Date: 27-AUG-2009 08:34

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-15569/4

Matrix: Water | Lab File ID: p30593.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2009 10:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15569 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	21.3		1.0	0.29
74-87-3	Chloromethane	20.2		1.0	0.21
74-83-9	Bromomethane	18.0		1.0	0.31
75-01-4	Vinyl chloride	21.3		1.0	0.13
75-00-3	Chloroethane	17.6		1.0	0.45
75-69-4	Trichlorofluoromethane	18.3		1.0	0.16
76-13-1	Freon TF	17.5		1.0	0.28
75-09-2	Methylene Chloride	19.0		1.0	0.19
67-64-1	Acetone	20.9		10	2.5
75-15-0	Carbon disulfide	16.3		1.0	0.15
79-20-9	Methyl acetate	19.5		2.0	0.33
75-35-4	1,1-Dichloroethene	20.7		1.0	0.14
75-34-3	1,1-Dichloroethane	19.6		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.14
1634-04-4	MTBE	18.6		1.0	0.18
67-66-3	Chloroform	20.2		1.0	0.15
107-06-2	1,2-Dichloroethane	19.4		1.0	0.24
78-93-3	2-Butanone	20.0		10	0.82
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.25
110-82-7	Cyclohexane	18.8		1.0	0.13
56-23-5	Carbon tetrachloride	20.1		1.0	0.19
75-27-4	Bromodichloromethane	19.8		1.0	0.093
78-87-5	1,2-Dichloropropane	20.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.11
79-01-6	Trichloroethene	19.6		1.0	0.18
108-87-2	Methylcyclohexane	18.2		1.0	0.090
124-48-1	Dibromochloromethane	20.2		1.0	0.11
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.10
71-43-2	Benzene	19.0		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.12
75-25-2	Bromoform	20.1		1.0	0.10
98-82-8	Isopropylbenzene	20.9		1.0	0.21
108-10-1	4-Methyl-2-pentanone	19.0		10	0.68
591-78-6	2-Hexanone	20.2		10	0.55
127-18-4	Tetrachloroethene	20.1		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-15569/4

Matrix: Water Lab File ID: p30593.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2009 10:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15569 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.0		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.0	0.090
108-90-7	Chlorobenzene	19.5		1.0	0.16
100-41-4	Ethylbenzene	20.1		1.0	0.25
1330-20-7	Xylenes, Total	59.1		3.0	0.43
100-42-5	Styrene	19.3		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.9		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.3		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	20.1		1.0	0.44
106-93-4	1,2-Dibromoethane	19.7		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	56-125	
2037-26-5	Toluene-d8 (Surr)	96	72-127	
460-00-4	Bromofluorobenzene	101	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30593.d
Report Date: 28-Aug-2009 12:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30593.d
Lab Smp Id: LCS
Inj Date : 28-AUG-2009 10:36
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/8260_09.m
Meth Date : 28-Aug-2009 12:44 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 5 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	66629	21.3257	21
3 Chloromethane	50	0.838	0.830	(0.259)	70539	20.1542	20
4 Vinyl Chloride	62	0.845	0.845	(0.262)	84086	21.3451	21
6 Bromomethane	94	0.981	0.974	(0.304)	37793	18.0361	18
5 Chloroethane	64	1.024	1.024	(0.317)	48321	17.5617	18
7 Trichlorofluoromethane	101	1.088	1.074	(0.337)	117438	18.2865	18
8 n-Pentane	72	1.081	1.074	(0.335)	11821	16.0745	16
10 Isoprene	67	1.217	1.210	(0.377)	97989	16.4783	16
11 Ethyl Ether	59	1.224	1.224	(0.379)	60073	17.7752	18
13 Acrolein	56	1.475	1.475	(0.457)	8356	28.6612	29
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	62291	20.7399	21
14 Freon TF	101	1.332	1.324	(0.412)	67261	17.4624	17
16 Acetone	58	1.625	1.633	(0.503)	7053	20.8539	21
18 Carbon Disulfide	76	1.325	1.317	(0.410)	214566	16.3354	16
19 Isopropanol	45	1.568	1.575	(0.486)	605633	2908.30	2900
21 Acetonitrile	39	1.869	1.876	(0.579)	29238	344.423	340

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30593.d
Report Date: 28-Aug-2009 12:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	27 Methyl Acetate	74	1.690	1.690	(0.523)	24391	19.5423	20
	22 Methylene Chloride	84	1.597	1.597	(0.494)	75002	18.9668	19
	24 TBA	59	1.805	1.812	(0.559)	126350	348.409	350
	25 trans-1,2-Dichloroethene	96	1.676	1.668	(0.519)	74710	18.9497	19
	26 Acrylonitrile	53	2.048	2.048	(0.634)	33120	26.2461	26(R)
	28 MTBE	73	1.733	1.740	(0.536)	222924	18.5994	18
	29 Hexane	56	1.711	1.711	(0.530)	61112	18.6369	19
	30 1,1-Dichloroethane	63	2.005	2.005	(0.621)	136149	19.6323	20
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	55007	11.8459	12(R)
	32 DIPE	45	1.948	1.948	(0.603)	227258	18.6316	19
	34 n-Propanol	60	2.213	2.227	(0.685)	39175	3048.02	3000
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	237678	18.7923	19
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	127427	20.9143	21
	36 cis-1,2-Dichloroethene	96	2.335	2.327	(0.723)	87157	19.9841	20
	38 2-Butanone	72	2.736	2.743	(0.847)	13334	19.9967	20
	39 Ethyl Acetate	70	2.621	2.621	(0.811)	16623	39.3787	39
	40 Bromochloromethane	128	2.456	2.456	(0.760)	40536	19.2341	19
	41 Tetrahydrofuran	42	2.621	2.621	(0.811)	27682	18.0650	18
	42 Chloroform	83	2.514	2.514	(0.778)	139636	20.1524	20
	43 1,1,1-Trichloroethane	97	2.643	2.635	(0.818)	125737	20.5256	20
	44 Cyclohexane	56	2.449	2.442	(0.758)	129222	18.7764	19
	45 Carbon Tetrachloride	117	2.592	2.585	(0.803)	102672	20.1051	20
	46 1,1-Dichloropropene	75	2.729	2.721	(0.845)	105062	19.7616	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	125716	46.2770	46
	48 Benzene	78	2.901	2.900	(0.446)	301006	18.9576	19
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	99726	19.4137	19
	51 n-Heptane	57	2.893	2.893	(0.896)	44032	18.9680	19
	50 t-Amyl-methyl-ether	73	3.015	3.015	(0.933)	194079	18.1888	18
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	222604	35.4699	35
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	882122	50.0000	
	54 Trichloroethene	95	3.366	3.366	(1.042)	77918	19.5666	20
	53 n-Butanol	56	3.753	3.753	(1.162)	100905	1466.82	1500
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	118649	18.2401	18
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	77740	20.4384	20
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	74594	20.0672	20
	58 Dibromomethane	93	3.717	3.717	(1.151)	43212	19.6299	20
	60 1,4-Dioxane	88	4.097	4.097	(1.268)	124493	2966.27	3000
	59 Methyl Methacrylate	100	4.082	4.082	(1.264)	19361	17.9804	18
	75 Propyl Acetate	43	4.240	4.240	(1.313)	159792	37.3311	37
	68 Bromodichloromethane	83	3.889	3.882	(1.204)	99261	19.7801	20
	62 2-Chloroethyl Vinyl Ether	63	4.484	4.491	(1.388)	41173	16.4413	16
	63 Epichlorohydrin	57	4.792	4.784	(0.737)	115601	368.801	370
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	125870	20.4868	20
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.803)	52989	18.9576	19
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	387685	48.1578	48
	66 Toluene	91	4.741	4.741	(0.729)	340153	18.9820	19
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.805)	112478	19.8034	20

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30593.d
Report Date: 28-Aug-2009 12:48

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	69	1,1,2-Trichloroethane	83	5.408	5.407	(0.831)	53004	19.9955	20
	71	Tetrachloroethene	166	5.143	5.142	(0.791)	80862	20.0936	20
	72	1,3-Dichloropropane	76	5.708	5.708	(0.878)	112161	19.9863	20
	73	2-Hexanone	43	6.260	6.260	(0.963)	44302	20.1916	20
	74	Dibromochloromethane	129	5.594	5.586	(0.860)	75934	20.1741	20
	76	Butyl Acetate	73	6.203	6.203	(0.954)	35491	41.1164	41
	77	1,2-Dibromoethane	107	5.823	5.823	(0.895)	64206	19.6961	20
*	78	Chlorobenzene-d5	117	6.503	6.503	(1.000)	672188	50.0000	
	79	Chlorobenzene	112	6.518	6.518	(1.002)	220598	19.5227	20
	80	1,1,1,2-Tetrachloroethane	131	6.640	6.632	(1.021)	72456	18.9754	19
	81	Ethylbenzene	106	6.611	6.611	(1.017)	119237	20.0597	20
	82	m+p-Xylene	106	6.826	6.826	(1.050)	292009	39.4577	39
	84	o-Xylene	106	7.399	7.399	(1.138)	137847	19.6261	20
	85	Styrene	104	7.485	7.485	(1.151)	236998	19.2936	19
	83	Butyl Acrylate	73	7.836	7.836	(1.205)	49184	20.1568	20
	86	Bromoform	173	7.449	7.456	(1.145)	47033	20.1172	20
	88	Isopropylbenzene	105	7.879	7.879	(1.211)	372993	20.9148	21
$	89	Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	207361	50.6633	51
	90	Camphene (total)	93	7.972	7.979	(1.226)	130035	21.0806	21
	91	Bromobenzene	156	8.337	8.337	(0.862)	91996	19.3366	19
	92	1,1,2,2-Tetrachloroethane	83	8.660	8.659	(0.896)	80035	20.8856	21
	93	1,2,3-Trichloropropane	110	8.774	8.774	(0.907)	23265	19.3086	19
	94	trans-1,4-Dichloro-2-butene	53	8.889	8.889	(0.919)	25495	18.6287	19
	95	n-Propylbenzene	91	8.502	8.502	(0.879)	424978	20.0191	20
	96	2-Chlorotoluene	91	8.660	8.659	(0.896)	256042	19.7751	20
	97	1,3,5-Trimethylbenzene	105	8.831	8.831	(0.913)	306847	20.2617	20
	98	4-Chlorotoluene	91	8.896	8.896	(0.920)	281182	20.1274	20
	99	Butyl Methacrylate	87	9.311	9.311	(0.963)	101884	21.5667	22
	100	tert-Butylbenzene	119	9.204	9.204	(0.952)	267086	20.3429	20
	101	1,2,4-Trimethylbenzene	105	9.297	9.297	(0.961)	312273	19.7361	20
	102	2-Octanone	43	9.920	9.920	(1.026)	88269	17.1010	17
	103	sec-Butylbenzene	105	9.412	9.412	(0.973)	392737	20.2930	20
	104	2-Octanol	45	9.806	9.806	(1.014)	17818	16.0731	16
	105	1,3-Dichlorobenzene	146	9.584	9.576	(0.991)	185922	19.8839	20
	107	p-Isopropyltoluene	119	9.598	9.598	(0.993)	350956	20.8393	21
*	108	1,4-Dichlorobenzene-d4	152	9.670	9.669	(1.000)	360126	50.0000	
	109	1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	192436	19.9150	20
	110	Benzyl Chloride	91	9.970	9.970	(1.031)	185483	20.0601	20
	106	n-Butylbenzene	91	10.028	10.028	(1.037)	304167	20.0338	20
	111	1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	175398	19.3477	19
	112	1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	16613	19.6938	20
	113	Camphor	95	11.611	11.611	(1.201)	42257	93.0770	93
	114	1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	131717	20.1275	20
	115	Hexachlorobutadiene	225	11.396	11.396	(1.179)	47226	20.3926	20
	116	Naphthalene	128	11.632	11.632	(1.203)	331823	20.9274	21
	117	1,2,3-Trichlorobenzene	180	11.775	11.775	(1.218)	116440	19.6337	20
M	120	1,2-Dichloroethene (Total)	100				161868	38.9860	39

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30593.d
Report Date: 28-Aug-2009 12:48

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				429857	59.0873	59

QC Flag Legend

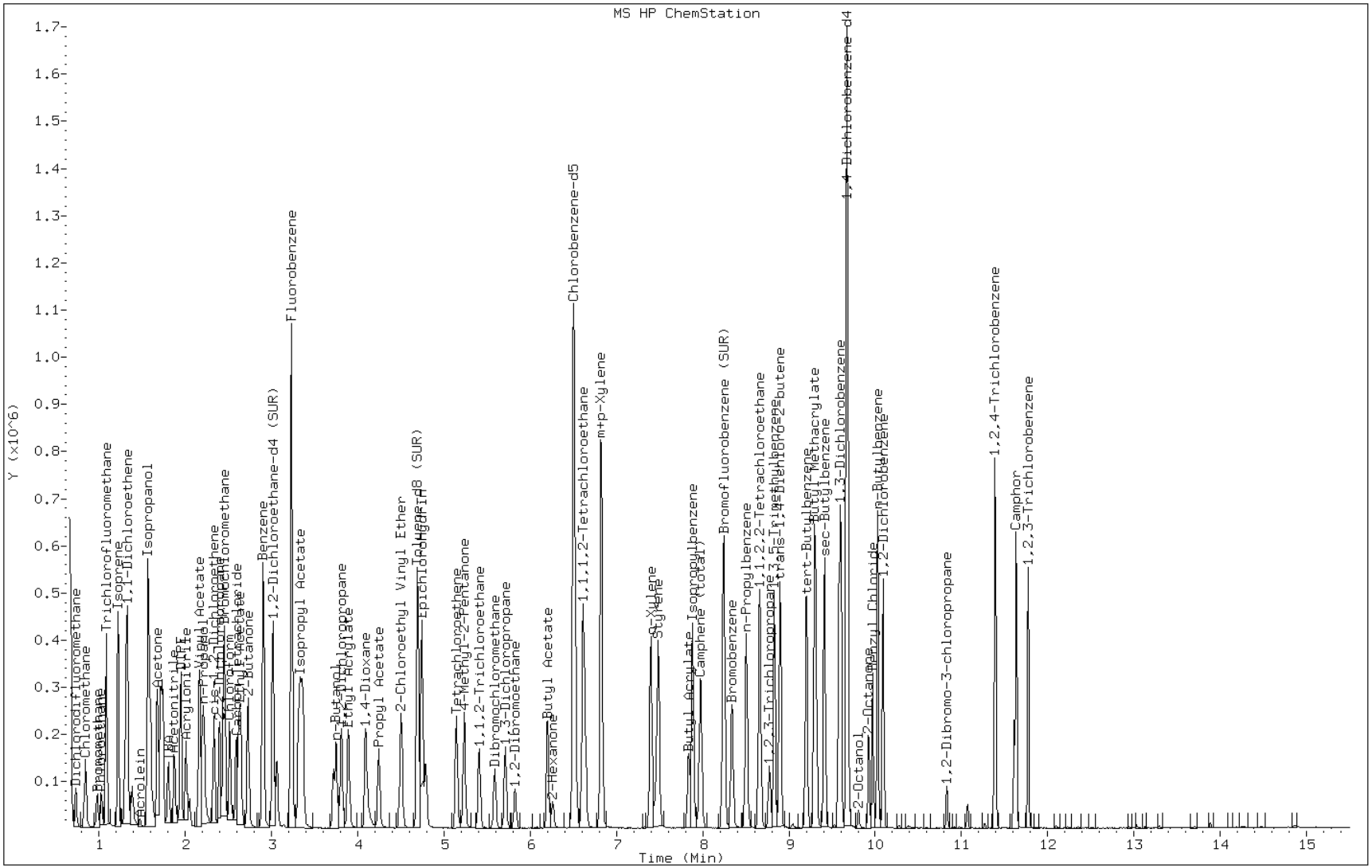
R - Spike/Surrogate failed recovery limits.

Data File: p30593.d

Date: 28-AUG-2009 10:36

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-15720/3

Matrix: Water Lab File ID: p30620.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2009 09:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15720 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	19.7		1.0	0.29
74-87-3	Chloromethane	19.9		1.0	0.21
74-83-9	Bromomethane	20.2		1.0	0.31
75-01-4	Vinyl chloride	20.8		1.0	0.13
75-00-3	Chloroethane	17.7		1.0	0.45
75-69-4	Trichlorofluoromethane	17.7		1.0	0.16
76-13-1	Freon TF	17.6		1.0	0.28
75-09-2	Methylene Chloride	20.0		1.0	0.19
67-64-1	Acetone	23.6		10	2.5
75-15-0	Carbon disulfide	17.6		1.0	0.15
79-20-9	Methyl acetate	21.7		2.0	0.33
75-35-4	1,1-Dichloroethene	21.1		1.0	0.14
75-34-3	1,1-Dichloroethane	20.0		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.14
1634-04-4	MTBE	20.1		1.0	0.18
67-66-3	Chloroform	20.4		1.0	0.15
107-06-2	1,2-Dichloroethane	19.7		1.0	0.24
78-93-3	2-Butanone	21.3		10	0.82
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.25
110-82-7	Cyclohexane	18.5		1.0	0.13
56-23-5	Carbon tetrachloride	20.0		1.0	0.19
75-27-4	Bromodichloromethane	20.0		1.0	0.093
78-87-5	1,2-Dichloropropane	20.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	20.9		1.0	0.11
79-01-6	Trichloroethene	18.6		1.0	0.18
108-87-2	Methylcyclohexane	18.1		1.0	0.090
124-48-1	Dibromochloromethane	20.8		1.0	0.11
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.10
71-43-2	Benzene	19.1		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	20.8		1.0	0.12
75-25-2	Bromoform	21.5		1.0	0.10
98-82-8	Isopropylbenzene	20.6		1.0	0.21
108-10-1	4-Methyl-2-pentanone	23.1		10	0.68
591-78-6	2-Hexanone	21.8		10	0.55
127-18-4	Tetrachloroethene	19.4		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-15720/3

Matrix: Water | Lab File ID: p30620.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/31/2009 09:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15720 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.0		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1.0	0.090
108-90-7	Chlorobenzene	19.3		1.0	0.16
100-41-4	Ethylbenzene	19.8		1.0	0.25
1330-20-7	Xylenes, Total	58.4		3.0	0.43
100-42-5	Styrene	19.4		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	22.7		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	19.9		1.0	0.44
106-93-4	1,2-Dibromoethane	21.0		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101	56-125	
2037-26-5	Toluene-d8 (Surr)	107	72-127	
460-00-4	Bromofluorobenzene	115	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30620.d
Report Date: 31-Aug-2009 10:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30620.d
Lab Smp Id: LCS
Inj Date : 31-AUG-2009 09:16
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/8260_09.m
Meth Date : 31-Aug-2009 10:13 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	62712	19.7019	20
3 Chloromethane	50	0.838	0.837	(0.259)	70923	19.8901	20
4 Vinyl Chloride	62	0.845	0.845	(0.262)	83376	20.7746	21
6 Bromomethane	94	0.974	0.974	(0.301)	43078	20.1621	20
5 Chloroethane	64	1.024	1.024	(0.317)	49706	17.7318	18
7 Trichlorofluoromethane	101	1.088	1.074	(0.337)	115728	17.6881	18
8 n-Pentane	72	1.081	1.067	(0.335)	13804	18.4259	18
10 Isoprene	67	1.217	1.210	(0.377)	106583	17.5930	18
11 Ethyl Ether	59	1.224	1.224	(0.379)	67255	19.5336	20
13 Acrolein	56	1.475	1.475	(0.457)	13096	44.0881	44
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	64502	21.0802	21
14 Freon TF	101	1.332	1.325	(0.412)	69020	17.5889	18
16 Acetone	58	1.626	1.633	(0.503)	8124	23.5776	24
18 Carbon Disulfide	76	1.325	1.317	(0.410)	235152	17.5725	18
19 Isopropanol	45	1.568	1.582	(0.486)	775650	3656.07	3600
21 Acetonitrile	39	1.876	1.876	(0.581)	32948	380.974	380

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30620.d
Report Date: 31-Aug-2009 10:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	27 Methyl Acetate	74	1.690	1.690	(0.523)	27613	21.7156	22
	22 Methylene Chloride	84	1.597	1.597	(0.494)	80546	19.9931	20
	24 TBA	59	1.805	1.812	(0.559)	167546	453.489	450
	25 trans-1,2-Dichloroethene	96	1.676	1.668	(0.519)	75574	18.8154	19
	26 Acrylonitrile	53	2.048	2.048	(0.634)	34886	27.1354	27(R)
	28 MTBE	73	1.740	1.740	(0.539)	245367	20.0945	20
	29 Hexane	56	1.711	1.711	(0.530)	63322	18.9546	19
	30 1,1-Dichloroethane	63	2.005	2.005	(0.621)	141378	20.0105	20
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	63006	13.3185	13(R)
	32 DIPE	45	1.948	1.948	(0.603)	251410	20.2316	20
	34 n-Propanol	60	2.220	2.227	(0.687)	48119	3674.86	3700
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	263954	20.4851	20
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	119316	19.2220	19
	36 cis-1,2-Dichloroethene	96	2.335	2.327	(0.723)	88829	19.9919	20
	38 2-Butanone	72	2.736	2.743	(0.847)	14501	21.3463	21
	39 Ethyl Acetate	70	2.621	2.621	(0.812)	18327	42.6140	43
	40 Bromochloromethane	128	2.456	2.456	(0.760)	43480	20.2507	20
	41 Tetrahydrofuran	42	2.621	2.621	(0.812)	35626	22.8211	23
	42 Chloroform	83	2.514	2.514	(0.778)	144046	20.4056	20
	43 1,1,1-Trichloroethane	97	2.643	2.635	(0.818)	121849	19.5241	20
	44 Cyclohexane	56	2.449	2.442	(0.758)	129747	18.5052	18
	45 Carbon Tetrachloride	117	2.593	2.585	(0.803)	104055	20.0002	20
	46 1,1-Dichloropropene	75	2.729	2.721	(0.845)	106599	19.6810	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.008	(0.933)	139486	50.3994	50
	48 Benzene	78	2.908	2.900	(0.447)	309023	19.1488	19
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	103288	19.7365	20
	51 n-Heptane	57	2.893	2.893	(0.896)	42634	18.0271	18
	50 t-Amyl-methyl-ether	73	3.022	3.022	(0.936)	217753	20.0312	20
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	262180	41.0057	41
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	898690	50.0000	
	54 Trichloroethene	95	3.366	3.359	(1.042)	75261	18.5507	18
	53 n-Butanol	56	3.753	3.760	(1.162)	126200	1745.60	1700
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	119718	18.0652	18
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	92772	23.9408	24
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	76195	20.1198	20
	58 Dibromomethane	93	3.717	3.717	(1.151)	46404	20.6910	21
	60 1,4-Dioxane	88	4.097	4.104	(1.268)	151875	3551.98	3600
	59 Methyl Methacrylate	100	4.090	4.090	(1.266)	22836	20.8174	21
	75 Propyl Acetate	43	4.240	4.240	(1.313)	192567	44.1586	44
	68 Bromodichloromethane	83	3.889	3.889	(1.204)	102342	20.0179	20
	62 2-Chloroethyl Vinyl Ether	63	4.491	4.491	(1.390)	45404	17.7969	18
	63 Epichlorohydrin	57	4.792	4.791	(0.737)	134208	421.259	420
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	130529	20.9026	21
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.803)	65644	23.1064	23
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	438465	53.5875	54
	66 Toluene	91	4.741	4.741	(0.729)	346541	19.0268	19
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.805)	120197	20.8212	21

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30620.d
Report Date: 31-Aug-2009 10:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	5.408	5.407	(0.831)	56787	21.0772	21
	71 Tetrachloroethene	166	5.143	5.142	(0.791)	79315	19.3914	19
	72 1,3-Dichloropropane	76	5.708	5.708	(0.878)	118246	20.7309	21
	73 2-Hexanone	43	6.260	6.260	(0.963)	48695	21.8360	22
	74 Dibromochloromethane	129	5.587	5.587	(0.859)	79395	20.7536	21
	76 Butyl Acetate	73	6.196	6.203	(0.953)	38515	43.9000	44
	77 1,2-Dibromoethane	107	5.823	5.823	(0.895)	69461	20.9646	21
*	78 Chlorobenzene-d5	117	6.504	6.503	(1.000)	683202	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.002)	221184	19.2589	19
	80 1,1,1,2-Tetrachloroethane	131	6.632	6.632	(1.020)	76483	19.7073	20
	81 Ethylbenzene	106	6.611	6.611	(1.017)	119704	19.8137	20
	82 m+p-Xylene	106	6.826	6.826	(1.050)	291798	38.7934	39
	84 o-Xylene	106	7.399	7.399	(1.138)	139707	19.5702	20
	85 Styrene	104	7.485	7.485	(1.151)	241871	19.3729	19
	83 Butyl Acrylate	73	7.836	7.836	(1.205)	55443	22.3557	22
	86 Bromoform	173	7.456	7.449	(1.146)	50980	21.4537	21
	88 Isopropylbenzene	105	7.879	7.879	(1.211)	372993	20.5776	20
$	89 Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	242235	57.3630	57
	90 Camphene (total)	93	7.979	7.979	(1.227)	120950	19.2917	19
	91 Bromobenzene	156	8.337	8.337	(0.862)	94786	19.3102	19
	92 1,1,2,2-Tetrachloroethane	83	8.660	8.660	(0.896)	88818	22.4646	22
	93 1,2,3-Trichloropropane	110	8.774	8.774	(0.907)	25384	20.4188	20
	94 trans-1,4-Dichloro-2-butene	53	8.889	8.889	(0.919)	28078	19.8848	20
	95 n-Propylbenzene	91	8.509	8.502	(0.880)	434172	19.8230	20
	96 2-Chlorotoluene	91	8.660	8.660	(0.896)	264122	19.7716	20
	97 1,3,5-Trimethylbenzene	105	8.832	8.831	(0.913)	306721	19.6302	20
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	286390	19.8694	20
	99 Butyl Methacrylate	87	9.319	9.311	(0.964)	109155	22.3949	22
	100 tert-Butylbenzene	119	9.204	9.204	(0.952)	272347	20.1054	20
	101 1,2,4-Trimethylbenzene	105	9.297	9.297	(0.961)	317383	19.4419	19
	102 2-Octanone	43	9.920	9.920	(1.026)	101070	18.9787	19
	103 sec-Butylbenzene	105	9.412	9.412	(0.973)	385650	19.3137	19
	104 2-Octanol	45	9.806	9.806	(1.014)	21294	18.6042	19
	105 1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	188273	19.5158	20
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	343780	19.7851	20
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	371558	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	196058	19.6656	20
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	202399	21.2162	21
	106 n-Butylbenzene	91	10.028	10.028	(1.037)	303110	19.3500	19
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	185558	19.8386	20
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	19751	22.6932	23
	113 Camphor	95	11.611	11.611	(1.201)	55366	118.199	120
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	134025	19.8500	20
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	44930	18.8040	19
	116 Naphthalene	128	11.632	11.632	(1.203)	366539	22.4057	22
	117 1,2,3-Trichlorobenzene	180	11.776	11.775	(1.218)	126186	20.6223	21
M	120 1,2-Dichloroethene (Total)	100				164403	38.8666	39

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30620.d
Report Date: 31-Aug-2009 10:15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				431506	58.3577	58

QC Flag Legend

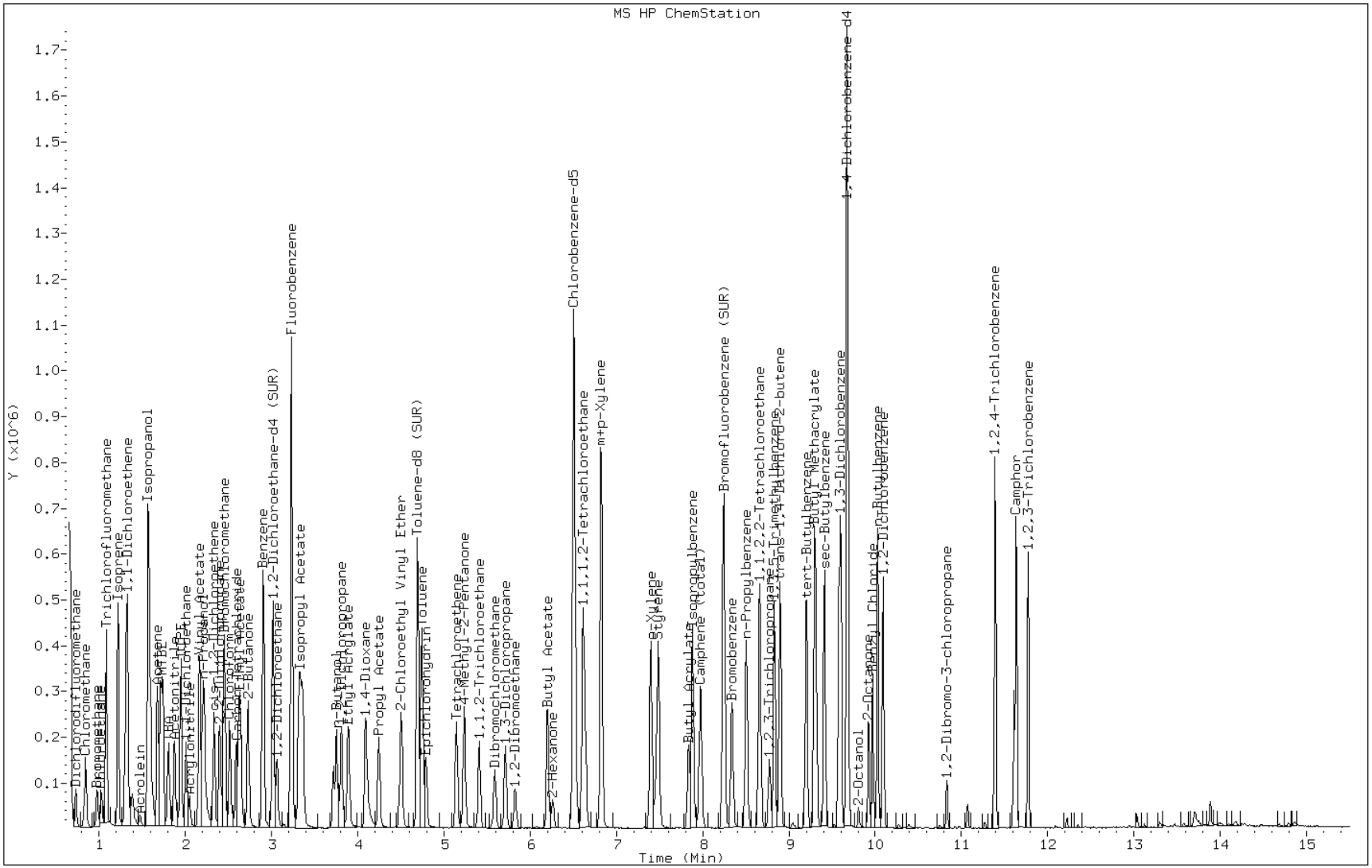
R - Spike/Surrogate failed recovery limits.

Data File: p30620.d

Date: 31-AUG-2009 09:16

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-15423/4

Matrix: Water Lab File ID: p30564.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/27/2009 08:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	21.0		1.0	0.29
74-87-3	Chloromethane	20.9		1.0	0.21
74-83-9	Bromomethane	23.1		1.0	0.31
75-01-4	Vinyl chloride	21.7		1.0	0.13
75-00-3	Chloroethane	18.4		1.0	0.45
75-69-4	Trichlorofluoromethane	18.8		1.0	0.16
76-13-1	Freon TF	17.5		1.0	0.28
75-09-2	Methylene Chloride	19.4		1.0	0.19
67-64-1	Acetone	22.9		10	2.5
75-15-0	Carbon disulfide	17.3		1.0	0.15
79-20-9	Methyl acetate	19.1		2.0	0.33
75-35-4	1,1-Dichloroethene	20.9		1.0	0.14
75-34-3	1,1-Dichloroethane	19.0		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.14
1634-04-4	MTBE	18.4		1.0	0.18
67-66-3	Chloroform	19.4		1.0	0.15
107-06-2	1,2-Dichloroethane	18.6		1.0	0.24
78-93-3	2-Butanone	18.5		10	0.82
71-55-6	1,1,1-Trichloroethane	19.8		1.0	0.25
110-82-7	Cyclohexane	18.3		1.0	0.13
56-23-5	Carbon tetrachloride	19.6		1.0	0.19
75-27-4	Bromodichloromethane	18.7		1.0	0.093
78-87-5	1,2-Dichloropropane	19.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.11
79-01-6	Trichloroethene	18.8		1.0	0.18
108-87-2	Methylcyclohexane	18.1		1.0	0.090
124-48-1	Dibromochloromethane	18.7		1.0	0.11
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.10
71-43-2	Benzene	18.8		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.12
75-25-2	Bromoform	19.5		1.0	0.10
98-82-8	Isopropylbenzene	19.9		1.0	0.21
108-10-1	4-Methyl-2-pentanone	19.3		10	0.68
591-78-6	2-Hexanone	20.3		10	0.55
127-18-4	Tetrachloroethene	19.4		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-15423/4

Matrix: Water Lab File ID: p30564.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/27/2009 08:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.5		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.0	0.090
108-90-7	Chlorobenzene	18.5		1.0	0.16
100-41-4	Ethylbenzene	18.9		1.0	0.25
1330-20-7	Xylenes, Total	56.7		3.0	0.43
100-42-5	Styrene	18.7		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	21.0		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.0		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.44
106-93-4	1,2-Dibromoethane	19.1		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102	56-125	
2037-26-5	Toluene-d8 (Surr)	98	72-127	
460-00-4	Bromofluorobenzene	99	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30564.d
Report Date: 27-Aug-2009 12:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30564.d
Lab Smp Id: LCSD
Inj Date : 27-AUG-2009 08:59
Operator : Inst ID: VOAMS13.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.728	(0.225)	64267	21.0190	21
3 Chloromethane	50	0.835	0.835	(0.259)	71721	20.9394	21
4 Vinyl Chloride	62	0.842	0.842	(0.261)	83682	21.7066	22
6 Bromomethane	94	0.979	0.971	(0.303)	47448	23.0915	23
5 Chloroethane	64	1.029	1.021	(0.319)	49482	18.3765	18
7 Trichlorofluoromethane	101	1.086	1.079	(0.336)	118344	18.8302	19
8 n-Pentane	72	1.086	1.071	(0.336)	12272	17.0533	17
10 Isoprene	67	1.215	1.208	(0.376)	103085	17.7140	18
11 Ethyl Ether	59	1.222	1.222	(0.379)	60014	18.1459	18
13 Acrolein	56	1.480	1.480	(0.458)	11271	39.5027	40
15 1,1-Dichloroethene	96	1.315	1.308	(0.407)	61534	20.9355	21
14 Freon TF	101	1.330	1.329	(0.412)	65978	17.5037	18
16 Acetone	58	1.630	1.630	(0.505)	7576	22.8924	23
18 Carbon Disulfide	76	1.322	1.322	(0.410)	221771	17.2527	17
19 Isopropanol	45	1.573	1.580	(0.487)	660054	3238.88	3200
21 Acetonitrile	39	1.874	1.874	(0.581)	28970	348.717	350

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30564.d
Report Date: 27-Aug-2009 12:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	27 Methyl Acetate	74	1.688	1.695	(0.523)	23358	19.1237	19
	22 Methylene Chloride	84	1.595	1.594	(0.494)	75119	19.4113	19
	24 TBA	59	1.802	1.809	(0.558)	134997	380.386	380
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	73555	19.0643	19
	26 Acrylonitrile	53	2.046	2.046	(0.634)	26426	21.3990	21
	28 MTBE	73	1.738	1.738	(0.538)	216021	18.4173	18
	29 Hexane	56	1.716	1.709	(0.532)	59583	18.5673	18
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	129242	19.0436	19
	31 Vinyl Acetate	43	2.168	2.167	(0.672)	57093	12.5639	12(R)
	32 DIPE	45	1.946	1.945	(0.603)	224035	18.7686	19
	34 n-Propanol	60	2.218	2.225	(0.687)	42921	3412.43	3400
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	232286	18.7672	19
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	118124	19.8109	20
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	82400	19.3061	19
	38 2-Butanone	72	2.741	2.740	(0.849)	12081	18.5131	18
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	16253	39.3423	39
	40 Bromochloromethane	128	2.461	2.461	(0.763)	38246	18.5442	18
	41 Tetrahydrofuran	42	2.626	2.619	(0.814)	28656	19.1095	19
	42 Chloroform	83	2.519	2.511	(0.780)	131594	19.4068	19
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	118430	19.7551	20
	44 Cyclohexane	56	2.447	2.447	(0.758)	123417	18.3247	18
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	97865	19.5826	20
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	97585	18.7563	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	135346	50.9106	51
	48 Benzene	78	2.905	2.905	(0.447)	292925	18.8320	19
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	93491	18.5977	18
	51 n-Heptane	57	2.891	2.898	(0.896)	40877	17.9935	18
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	192211	18.4073	18
	61 Isopropyl Acetate	43	3.314	3.313	(1.027)	221150	36.0081	36
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	863260	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	73409	18.8369	19
	53 n-Butanol	56	3.751	3.758	(1.162)	112834	1643.92	1600
	56 Methyl cyclohexane	83	3.342	3.335	(1.036)	115525	18.1479	18
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	77346	20.7794	21
	57 1,2-Dichloropropane	63	3.815	3.808	(1.182)	69626	19.1399	19
	58 Dibromomethane	93	3.715	3.715	(1.151)	40993	19.0284	19
	60 1,4-Dioxane	88	4.102	4.101	(1.271)	133058	3239.62	3200
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	19520	18.5247	18
	75 Propyl Acetate	43	4.245	4.245	(1.315)	164096	39.1740	39
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	91871	18.7074	19
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	42136	17.1938	17
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	116201	378.418	380
	67 cis-1,3-Dichloropropene	75	4.510	4.503	(0.694)	116168	19.3005	19
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	52909	19.3223	19
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	387175	49.0936	49
	66 Toluene	91	4.739	4.739	(0.729)	324589	18.4898	18
	64 trans-1,3-Dichloropropene	75	5.233	5.240	(0.805)	106540	19.1476	19

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30564.d
Report Date: 27-Aug-2009 12:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	49727	19.1490	19
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	76509	19.4069	19
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	105918	19.2659	19
	73 2-Hexanone	43	6.258	6.258	(0.963)	43674	20.3189	20
	74 Dibromochloromethane	129	5.592	5.584	(0.860)	69114	18.7438	19
	76 Butyl Acetate	73	6.200	6.200	(0.954)	32853	38.8507	39
	77 1,2-Dibromoethane	107	5.821	5.828	(0.895)	61110	19.1358	19
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	658507	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	205149	18.5326	18
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	68007	18.1803	18
	81 Ethylbenzene	106	6.609	6.609	(1.017)	109778	18.8521	19
	82 m+p-Xylene	106	6.824	6.823	(1.050)	274301	37.8349	38
	84 o-Xylene	106	7.397	7.396	(1.138)	129916	18.8811	19
	85 Styrene	104	7.483	7.482	(1.151)	224927	18.6913	19
	83 Butyl Acrylate	73	7.841	7.833	(1.206)	47944	20.0571	20
	86 Bromoform	173	7.454	7.454	(1.147)	44672	19.5043	20
	88 Isopropylbenzene	105	7.884	7.876	(1.213)	348382	19.9406	20
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.853)	200700	49.7282	50
	90 Camphene (total)	93	7.977	7.977	(1.227)	118551	19.6182	20
	91 Bromobenzene	156	8.335	8.342	(0.862)	87896	18.7357	19
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.896)	77214	20.4340	20
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	23896	20.1126	20
	94 trans-1,4-Dichloro-2-butene	53	8.887	8.886	(0.919)	25190	18.6659	19
	95 n-Propylbenzene	91	8.507	8.507	(0.880)	404430	19.3201	19
	96 2-Chlorotoluene	91	8.657	8.657	(0.896)	239919	18.7914	19
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	290831	19.4752	19
	98 4-Chlorotoluene	91	8.894	8.894	(0.920)	267755	19.4368	19
	99 Butyl Methacrylate	87	9.316	9.316	(0.964)	96278	20.6677	21
	100 tert-Butylbenzene	119	9.202	9.202	(0.952)	253011	19.5428	20
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	299433	19.1917	19
	102 2-Octanone	43	9.925	9.925	(1.027)	82926	16.2928	16
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	367937	19.2799	19
	104 2-Octanol	45	9.803	9.803	(1.014)	18669	17.0731	17
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.991)	174903	18.9695	19
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	328336	19.7713	20
*	108 1,4-Dichlorobenzene-d4	152	9.667	9.667	(1.000)	355114	50.0000	
	109 1,4-Dichlorobenzene	146	9.682	9.681	(1.001)	182921	19.1975	19
	110 Benzyl Chloride	91	9.968	9.968	(1.031)	174970	19.1903	19
	106 n-Butylbenzene	91	10.025	10.025	(1.037)	291305	19.4575	19
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.044)	171363	19.1694	19
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.828	(1.120)	17489	21.0252	21
	113 Camphor	95	11.608	11.608	(1.201)	44455	99.3008	99
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.178)	125077	19.3825	19
	115 Hexachlorobutadiene	225	11.394	11.393	(1.179)	44075	19.3004	19
	116 Naphthalene	128	11.637	11.637	(1.204)	323503	20.6907	21
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.218)	117473	20.0874	20
M	120 1,2-Dichloroethene (Total)	100				155955	38.3826	38

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30564.d
Report Date: 27-Aug-2009 12:59

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				404217	56.7173	57

QC Flag Legend

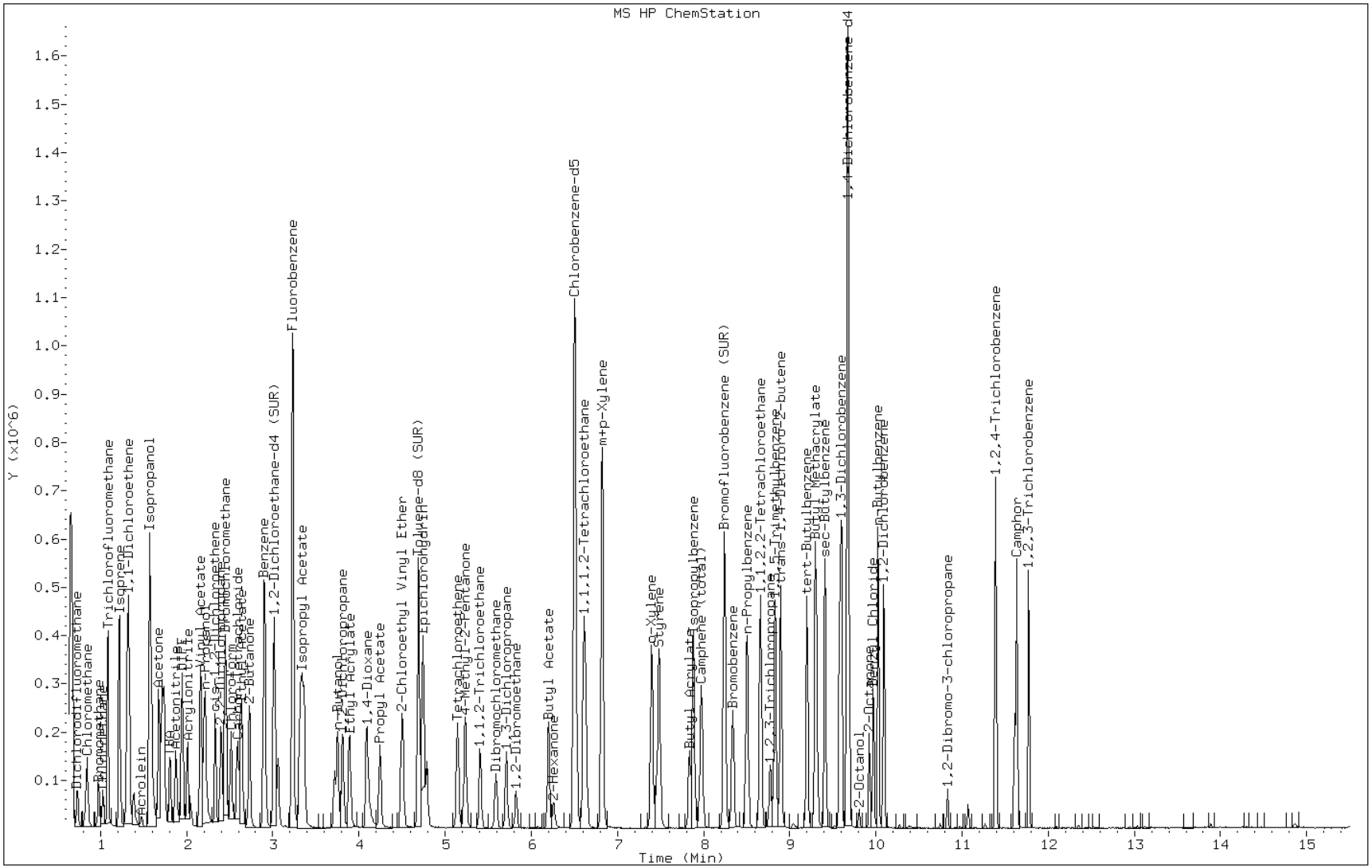
R - Spike/Surrogate failed recovery limits.

Data File: p30564.d

Date: 27-AUG-2009 08:59

Client ID: Instrument: VOAMS13.i

Sample Info: LCSD Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 | Lab Sample ID: 460-4835-6 MS

Matrix: Water | Lab File ID: p30425.d

Analysis Method: 8260B | Date Collected: 08/18/2009 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 13:45

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	110		5.0	1.4
74-87-3	Chloromethane	90.1		5.0	1.0
74-83-9	Bromomethane	72.5		5.0	1.6
75-01-4	Vinyl chloride	99.9		5.0	0.65
75-00-3	Chloroethane	106		5.0	2.2
75-69-4	Trichlorofluoromethane	101		5.0	0.80
76-13-1	Freon TF	89.2		5.0	1.4
75-09-2	Methylene Chloride	87.5		5.0	0.95
67-64-1	Acetone	110		50	12
75-15-0	Carbon disulfide	88.9		5.0	0.75
79-20-9	Methyl acetate	97.0		10	1.6
75-35-4	1,1-Dichloroethene	103		5.0	0.70
75-34-3	1,1-Dichloroethane	85.6		5.0	0.50
156-59-2	cis-1,2-Dichloroethene	91.5		5.0	1.0
156-60-5	trans-1,2-Dichloroethene	88.8		5.0	0.70
1634-04-4	MTBE	95.3		5.0	0.90
67-66-3	Chloroform	101		5.0	0.75
107-06-2	1,2-Dichloroethane	97.8		5.0	1.2
78-93-3	2-Butanone	114		50	4.1
71-55-6	1,1,1-Trichloroethane	106		5.0	1.2
110-82-7	Cyclohexane	104		5.0	0.65
56-23-5	Carbon tetrachloride	109		5.0	0.95
75-27-4	Bromodichloromethane	91.9		5.0	0.46
78-87-5	1,2-Dichloropropane	89.4		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	86.1		5.0	0.55
79-01-6	Trichloroethene	92.9		5.0	0.90
108-87-2	Methylcyclohexane	109		5.0	0.45
124-48-1	Dibromochloromethane	89.2		5.0	0.55
79-00-5	1,1,2-Trichloroethane	90.8		5.0	0.50
71-43-2	Benzene	96.6		5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	85.9		5.0	0.60
75-25-2	Bromoform	94.7		5.0	0.50
98-82-8	Isopropylbenzene	156		5.0	1.0
108-10-1	4-Methyl-2-pentanone	91.5		50	3.4
591-78-6	2-Hexanone	96.3		50	2.8
127-18-4	Tetrachloroethene	91.3		5.0	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 | Lab Sample ID: 460-4835-6 MS

Matrix: Water | Lab File ID: p30425.d

Analysis Method: 8260B | Date Collected: 08/18/2009 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 13:45

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	289		5.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	91.2		5.0	0.45
108-90-7	Chlorobenzene	89.5		5.0	0.80
100-41-4	Ethylbenzene	547		5.0	1.2
1330-20-7	Xylenes, Total	1460		15	2.2
100-42-5	Styrene	88.4		5.0	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	87.0		5.0	0.75
541-73-1	1,3-Dichlorobenzene	88.7		5.0	1.1
106-46-7	1,4-Dichlorobenzene	90.4		5.0	0.75
95-50-1	1,2-Dichlorobenzene	92.6		5.0	0.80
120-82-1	1,2,4-Trichlorobenzene	91.5		5.0	2.2
106-93-4	1,2-Dibromoethane	90.6		5.0	0.45

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98	56-125	
2037-26-5	Toluene-d8 (Surr)	97	72-127	
460-00-4	Bromofluorobenzene	109	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30425.d
Report Date: 21-Aug-2009 14:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30425.d
Lab Smp Id: 460-4835-C-6MS
Inj Date : 21-AUG-2009 13:45
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-C-6MS;5
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 14 QC Sample: MS
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.735	(0.225)	75820	22.0458	110
3 Chloromethane	50	0.828	0.835	(0.256)	81352	18.0270	90
4 Vinyl Chloride	62	0.842	0.842	(0.260)	94559	19.9708	100
6 Bromomethane	94	0.978	0.978	(0.302)	35994	14.4906	72
5 Chloroethane	64	1.029	1.029	(0.318)	57082	21.2571	110
7 Trichlorofluoromethane	101	1.086	1.086	(0.336)	125886	20.1411	100
10 Isoprene	67	1.215	1.215	(0.376)	111641	18.0781	90
11 Ethyl Ether	59	1.222	1.222	(0.378)	61854	18.1758	91
13 Acrolein	56	1.480	1.480	(0.457)	11090	32.0666	160
15 1,1-Dichloroethene	96	1.315	1.315	(0.407)	66265	20.6390	100
14 Freon TF	101	1.329	1.329	(0.411)	70157	17.8494	89
16 Acetone	58	1.630	1.630	(0.504)	6319	22.0178	110
18 Carbon Disulfide	76	1.322	1.322	(0.409)	246499	17.7781	89
19 Isopropanol	45	1.566	1.573	(0.484)	629241	2944.76	15000
21 Acetonitrile	39	1.874	1.874	(0.579)	27811	338.789	1700
27 Methyl Acetate	74	1.688	1.688	(0.522)	23286	19.3918	97

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30425.d
Report Date: 21-Aug-2009 14:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.595	1.594	(0.493)	78749	17.5003	88
	24 TBA	59	1.802	1.809	(0.557)	129263	418.972	2100
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.517)	77196	17.7687	89
	26 Acrylonitrile	53	2.046	2.046	(0.632)	28689	20.1127	100
	28 MTBE	73	1.738	1.738	(0.537)	227083	19.0633	95
	29 Hexane	56	1.716	1.716	(0.531)	65912	18.9166	94
	30 1,1-Dichloroethane	63	2.010	2.010	(0.621)	137280	17.1249	86
	32 DIPE	45	1.946	1.953	(0.601)	298701	21.2127	110
	34 n-Propanol	60	2.218	2.225	(0.686)	39915	3012.46	15000
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.668)	244649	18.4848	92
	37 2,2-Dichloropropane	77	2.397	2.397	(0.741)	114649	16.9785	85
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.721)	87719	18.3084	92
	38 2-Butanone	72	2.733	2.741	(0.845)	12367	22.7316	110
	39 Ethyl Acetate	70	2.619	2.626	(0.810)	14953	41.2805	210
	40 Bromochloromethane	128	2.461	2.461	(0.761)	41423	20.2820	100
	41 Tetrahydrofuran	42	2.626	2.626	(0.812)	28433	22.0513	110
	42 Chloroform	83	2.519	2.511	(0.779)	139763	20.1592	100
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.816)	125042	21.2179	110
	44 Cyclohexane	56	2.447	2.447	(0.756)	145499	20.7826	100
	45 Carbon Tetrachloride	117	2.590	2.590	(0.801)	105038	21.8855	110
	46 1,1-Dichloropropene	75	2.726	2.726	(0.843)	110221	20.1661	100
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.931)	109683	49.0558	49
	48 Benzene	78	2.905	2.905	(0.447)	349362	19.3242	97
	49 1,2-Dichloroethane	62	3.063	3.063	(0.947)	101259	19.5552	98
	51 n-Heptane	57	2.898	2.898	(0.896)	45401	17.9481	90
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.934)	203274	19.2621	96
	61 Isopropyl Acetate	43	3.314	3.314	(1.024)	221315	38.5486	190
*	52 Fluorobenzene	96	3.235	3.228	(1.000)	920268	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.040)	75358	18.5795	93
	53 n-Butanol	56	3.751	3.751	(1.159)	107816	1522.98	7600
	56 Methyl cyclohexane	83	3.342	3.342	(1.033)	141787	21.8667	110
	55 Ethyl Acrylate	55	3.901	3.901	(1.206)	76915	19.9736	100
	57 1,2-Dichloropropane	63	3.808	3.815	(1.177)	74942	17.8768	89
	58 Dibromomethane	93	3.715	3.715	(1.148)	43657	19.4926	97
	60 1,4-Dioxane	88	4.094	4.101	(1.266)	132549	3324.55	17000
	59 Methyl Methacrylate	100	4.087	4.087	(1.264)	19077	19.2499	96
	75 Propyl Acetate	43	4.245	4.245	(1.312)	157370	37.1320	180
	68 Bromodichloromethane	83	3.887	3.887	(1.202)	97410	18.3863	92
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	103142	304.262	1500
	67 cis-1,3-Dichloropropene	75	4.510	4.510	(0.694)	123652	17.2156	86
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	53454	18.2975	91
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	411503	48.4254	48
	66 Toluene	91	4.746	4.746	(0.730)	1054146	57.8653	290(R)
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	109505	17.1826	86
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	53953	18.1605	91
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	78862	18.2526	91
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	113505	17.9150	90

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30425.d
Report Date: 21-Aug-2009 14:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	73 2-Hexanone	43	6.265	6.258	(0.964)	42112	19.2578	96
	74 Dibromochloromethane	129	5.591	5.591	(0.860)	71215	17.8489	89
	76 Butyl Acetate	73	6.200	6.200	(0.954)	32894	38.5850	190
	77 1,2-Dibromoethane	107	5.821	5.828	(0.895)	63716	18.1116	90
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	687970	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	218044	17.9001	90
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	71158	18.0414	90
	81 Ethylbenzene	106	6.616	6.616	(1.018)	701308	109.471	550(R)
	82 m+p-Xylene	106	6.824	6.823	(1.050)	1922698	238.926	1200(R)
	84 o-Xylene	106	7.397	7.396	(1.138)	387458	50.5402	250(R)
	85 Styrene	104	7.490	7.482	(1.152)	237290	17.6813	88
	83 Butyl Acrylate	73	7.834	7.833	(1.205)	50334	19.6847	98
	86 Bromoform	173	7.454	7.454	(1.147)	45686	18.9436	95
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	581706	31.2796	160(R)
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	277688	54.2764	54
	90 Camphene (total)	93	7.977	7.977	(1.227)	49760	8.09540	40(R)
	91 Bromobenzene	156	8.342	8.342	(0.862)	90698	17.6064	88
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	76639	18.2313	91
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	23556	19.6705	98
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	24222	17.7193	88
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	540534	23.1817	120
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	262475	18.4739	92
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	311303	19.3335	97
	98 4-Chlorotoluene	91	8.901	8.894	(0.920)	278358	18.0119	90
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	99999	20.3251	100
	100 tert-Butylbenzene	119	9.202	9.202	(0.951)	270716	19.3391	97
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	340596	20.1315	100
	102 2-Octanone	43	9.925	9.925	(1.026)	83522	17.2909	86
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	394255	19.1533	96
	104 2-Octanol	45	9.803	9.803	(1.013)	21094	18.0903	90
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	180966	17.7427	89
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	340759	18.8888	94
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	367249	50.0000	
	109 1,4-Dichlorobenzene	146	9.682	9.689	(1.001)	190973	18.0782	90
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	161716	16.3989	82
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	303375	18.9472	95
	111 1,2-Dichlorobenzene	146	10.097	10.090	(1.044)	179907	18.5150	92
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.835	(1.119)	14911	17.4065	87
	113 Camphor	95	11.608	11.608	(1.200)	47962	104.600	520
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	128448	18.3033	92
	115 Hexachlorobutadiene	225	11.401	11.401	(1.178)	45231	18.0335	90
	116 Naphthalene	128	11.637	11.637	(1.203)	342955	21.2292	110
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	116819	19.6474	98
M	120 1,2-Dichloroethene (Total)	100				164915	36.1035	180
M	121 Xylene (Total)	100				2310157	291.676	1400(R)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30425.d
Report Date: 21-Aug-2009 14:23

QC Flag Legend

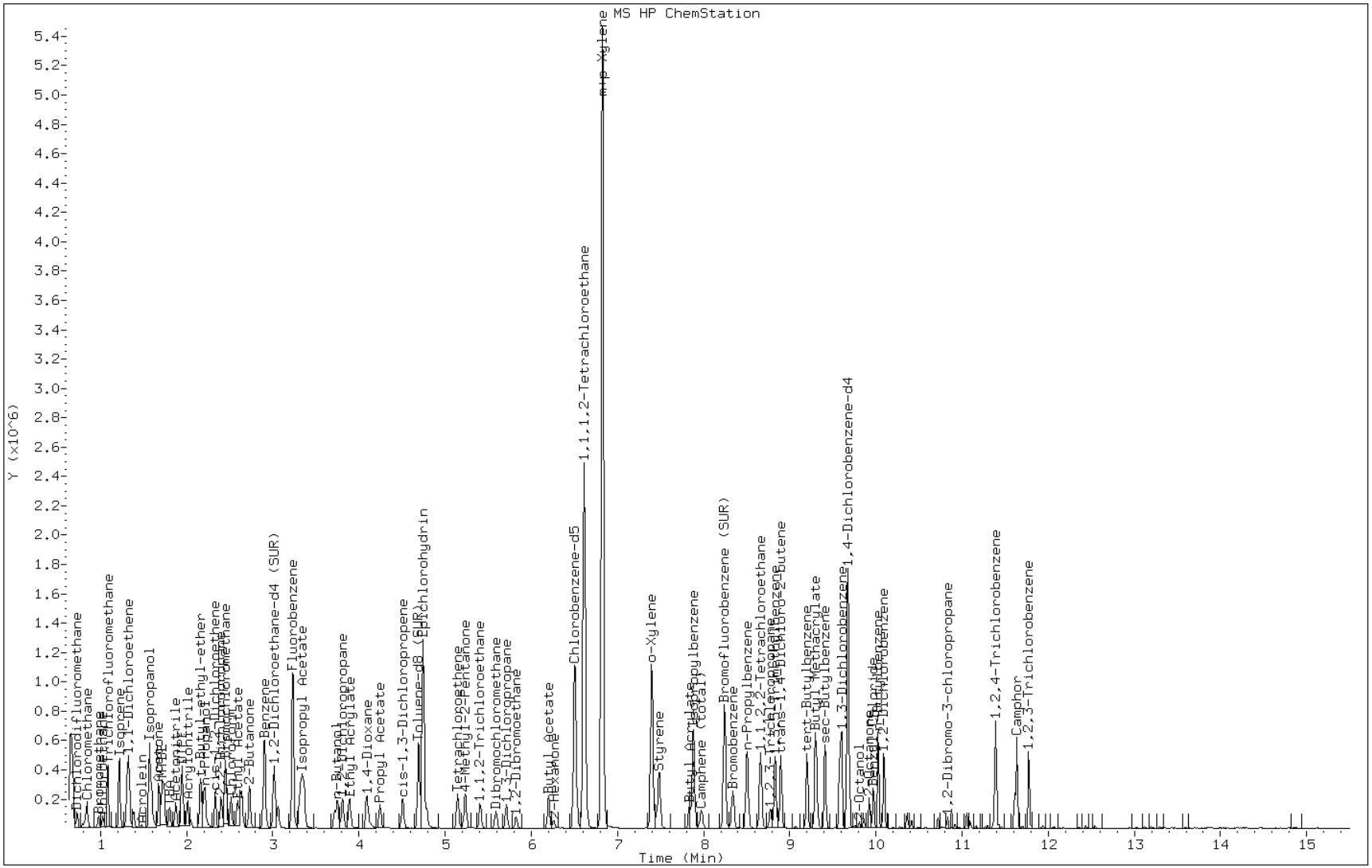
R - Spike/Surrogate failed recovery limits.

Data File: p30425.d

Date: 21-AUG-2009 13:45

Client ID: Instrument: VOAMS13.i

Sample Info: 460-4835-C-6MS;5 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4 MS

Matrix: Water | Lab File ID: p30450.d

Analysis Method: 8260B | Date Collected: 08/19/2009 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 12:43

Soil Aliquot Vol: | Dilution Factor: 25

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	550		25	7.2
74-87-3	Chloromethane	425		25	5.2
74-83-9	Bromomethane	461		25	7.8
75-01-4	Vinyl chloride	487		25	3.2
75-00-3	Chloroethane	531		25	11
75-69-4	Trichlorofluoromethane	555		25	4.0
76-13-1	Freon TF	407		25	7.0
75-09-2	Methylene Chloride	408		25	4.8
67-64-1	Acetone	564		250	62
75-15-0	Carbon disulfide	367		25	3.8
79-20-9	Methyl acetate	486		50	8.2
75-35-4	1,1-Dichloroethene	464		25	3.5
75-34-3	1,1-Dichloroethane	407		25	2.5
156-59-2	cis-1,2-Dichloroethene	425		25	5.0
156-60-5	trans-1,2-Dichloroethene	418		25	3.5
1634-04-4	MTBE	491		25	4.5
67-66-3	Chloroform	488		25	3.8
107-06-2	1,2-Dichloroethane	468		25	6.0
78-93-3	2-Butanone	557		250	20
71-55-6	1,1,1-Trichloroethane	510		25	6.2
110-82-7	Cyclohexane	452		25	3.2
56-23-5	Carbon tetrachloride	529		25	4.8
75-27-4	Bromodichloromethane	448		25	2.3
78-87-5	1,2-Dichloropropane	427		25	2.2
10061-01-5	cis-1,3-Dichloropropene	410		25	2.8
79-01-6	Trichloroethene	464		25	4.5
108-87-2	Methylcyclohexane	553		25	2.2
124-48-1	Dibromochloromethane	451		25	2.8
79-00-5	1,1,2-Trichloroethane	518		25	2.5
71-43-2	Benzene	421		25	3.2
10061-02-6	trans-1,3-Dichloropropene	428		25	3.0
75-25-2	Bromoform	484		25	2.5
98-82-8	Isopropylbenzene	494		25	5.2
108-10-1	4-Methyl-2-pentanone	467		250	17
591-78-6	2-Hexanone	491		250	14
127-18-4	Tetrachloroethene	457		25	5.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4 MS

Matrix: Water | Lab File ID: p30450.d

Analysis Method: 8260B | Date Collected: 08/19/2009 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 12:43

Soil Aliquot Vol: | Dilution Factor: 25

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5040		25	2.2
79-34-5	1,1,2,2-Tetrachloroethane	464		25	2.2
108-90-7	Chlorobenzene	435		25	4.0
100-41-4	Ethylbenzene	1010		25	6.2
1330-20-7	Xylenes, Total	4430		75	11
100-42-5	Styrene	431		25	3.2
96-12-8	1,2-Dibromo-3-Chloropropane	482		25	3.8
541-73-1	1,3-Dichlorobenzene	437		25	5.5
106-46-7	1,4-Dichlorobenzene	450		25	3.8
95-50-1	1,2-Dichlorobenzene	453		25	4.0
120-82-1	1,2,4-Trichlorobenzene	474		25	11
106-93-4	1,2-Dibromoethane	444		25	2.2

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	56-125	
2037-26-5	Toluene-d8 (Surr)	95	72-127	
460-00-4	Bromofluorobenzene	110	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30450.d
Report Date: 25-Aug-2009 08:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30450.d
Lab Smp Id: 460-4869-F-4 MS Client Smp ID: GW-017338-081909-AC
Inj Date : 24-AUG-2009 12:43
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-F-4MS;25
Misc Info : 460-4869-F-4 MS
Comment   :
Method   : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 6 QC Sample: MS
Dil Factor: 25.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.735	(0.225)	71506	22.0058	550
3 Chloromethane	50	0.835	0.835	(0.259)	72461	16.9947	420
4 Vinyl Chloride	62	0.842	0.842	(0.261)	87057	19.4600	490
6 Bromomethane	94	0.978	0.978	(0.303)	43289	18.4227	460
5 Chloroethane	64	1.021	1.028	(0.316)	53924	21.2536	530
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	131102	22.2006	560
10 Isoprene	67	1.215	1.215	(0.376)	90674	15.5404	390
11 Ethyl Ether	59	1.222	1.222	(0.379)	56542	17.5852	440
13 Acrolein	56	1.480	1.480	(0.458)	10321	31.5791	790
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	56251	18.5434	460
14 Freon TF	101	1.329	1.329	(0.412)	60497	16.2905	410
16 Acetone	58	1.630	1.630	(0.505)	6121	22.5722	560
18 Carbon Disulfide	76	1.322	1.322	(0.410)	192391	14.6860	370
19 Isopropanol	45	1.580	1.580	(0.490)	629138	3116.22	78000
21 Acetonitrile	39	1.874	1.874	(0.581)	29513	380.521	9500
27 Methyl Acetate	74	1.687	1.695	(0.523)	22069	19.4519	490

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30450.d
Report Date: 25-Aug-2009 08:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	69376	16.3175	410
	24 TBA	59	1.809	1.809	(0.561)	135921	466.280	12000
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	68655	16.7258	420
	26 Acrylonitrile	53	2.046	2.053	(0.634)	20660	15.3298	380
	28 MTBE	73	1.738	1.738	(0.538)	221112	19.6461	490
	29 Hexane	56	1.709	1.716	(0.529)	56501	17.1626	430
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	123386	16.2906	410
	32 DIPE	45	1.945	1.953	(0.603)	216448	16.2691	410
	34 n-Propanol	60	2.225	2.225	(0.689)	39465	3152.43	79000
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	226699	18.1288	450
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	112413	17.6195	440
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	77039	17.0184	420
	38 2-Butanone	72	2.740	2.740	(0.849)	11462	22.2990	560
	39 Ethyl Acetate	70	2.626	2.619	(0.814)	15222	44.4773	1100
	40 Bromochloromethane	128	2.461	2.461	(0.763)	37832	19.6057	490
	41 Tetrahydrofuran	42	2.626	2.626	(0.814)	28256	23.1938	580
	42 Chloroform	83	2.511	2.518	(0.778)	127752	19.5029	490
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	113522	20.3880	510
	44 Cyclohexane	56	2.447	2.447	(0.758)	119689	18.0944	450
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	95907	21.1500	530
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	97812	18.9409	470
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	100945	47.7843	48
	48 Benzene	78	2.905	2.905	(0.447)	294949	16.8377	420
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	91494	18.7014	470
	51 n-Heptane	57	2.891	2.898	(0.896)	41489	17.3570	430
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	194421	19.4991	490
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	213454	39.3506	980
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	869491	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	71156	18.5680	460
	53 n-Butanol	56	3.758	3.758	(1.164)	111154	1661.82	42000
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	135460	22.1110	550
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	75159	20.6575	520
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	67669	17.0845	430
	58 Dibromomethane	93	3.715	3.715	(1.151)	39368	18.6042	460
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	131609	3493.74	87000
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	19346	20.6611	520
	75 Propyl Acetate	43	4.245	4.245	(1.315)	163713	40.8846	1000
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	89711	17.9218	450
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	22449	10.0069	250
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	116240	353.897	8800
	67 cis-1,3-Dichloropropene	75	4.510	4.510	(0.694)	114181	16.4068	410
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	52842	18.6681	470
$	65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	389768	47.3386	47
	66 Toluene	91	4.746	4.746	(0.730)	3558783	201.618	5000(R)
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	105644	17.1085	430
	69 1,1,2-Trichloroethane	83	5.405	5.412	(0.831)	59656	20.7244	520
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	76538	18.2830	460

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30450.d
Report Date: 25-Aug-2009 08:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	103951	16.9333	420
	73 2-Hexanone	43	6.258	6.258	(0.963)	41618	19.6422	490
	74 Dibromochloromethane	129	5.591	5.591	(0.860)	69680	18.0243	450
	76 Butyl Acetate	73	6.200	6.200	(0.954)	32664	39.5445	990
	77 1,2-Dibromoethane	107	5.821	5.828	(0.895)	60494	17.7475	440
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	666592	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	205302	17.3946	430
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	69795	18.2632	460
	81 Ethylbenzene	106	6.608	6.609	(1.017)	250343	40.3306	1000(R)
	82 m+p-Xylene	106	6.823	6.823	(1.050)	961804	123.353	3100(R)
	84 o-Xylene	106	7.396	7.396	(1.138)	396782	53.4163	1300(R)
	85 Styrene	104	7.482	7.490	(1.151)	224084	17.2329	430
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	48969	19.7654	490
	86 Bromoform	173	7.454	7.454	(1.147)	45285	19.3799	480
	88 Isopropylbenzene	105	7.883	7.884	(1.213)	356230	19.7696	490
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	280202	55.1596	55
	90 Camphene (total)	93	7.969	7.977	(1.226)	118678	19.9268	500
	91 Bromobenzene	156	8.342	8.342	(0.862)	87467	17.1007	430
	92 1,1,2,2-Tetrachloroethane	83	8.664	8.657	(0.896)	77485	18.5644	460
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	23641	19.8825	500
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	24140	17.7857	440
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	417964	18.0533	450
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	245720	17.4184	440
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	312239	19.5304	490
	98 4-Chlorotoluene	91	8.901	8.901	(0.920)	266740	17.3837	430
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	99845	20.4390	510
	100 tert-Butylbenzene	119	9.201	9.202	(0.951)	256133	18.4283	460
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	426297	25.3773	630
	102 2-Octanone	43	9.925	9.925	(1.026)	86054	17.9427	450
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	380197	18.6025	460
	104 2-Octanol	45	9.803	9.803	(1.013)	21004	18.1421	450
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	176821	17.4604	440
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	353392	19.7293	490
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	364640	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.689	(1.001)	188831	18.0033	450
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	219884	22.4571	560
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	395409	24.8719	620
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	174757	18.1136	450
	112 1,2-Dibromo-3-chloropropane	75	10.835	10.828	(1.120)	16395	19.2832	480
	113 Camphor	95	11.608	11.608	(1.200)	49544	108.823	2700
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	132017	18.9464	470
	115 Hexachlorobutadiene	225	11.393	11.401	(1.178)	46634	18.7256	470
	116 Naphthalene	128	11.637	11.637	(1.203)	3169448	204.405	5100(R)
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	120602	20.4310	510
M	120 1,2-Dichloroethene (Total)	100				145695	33.7585	840
M	121 Xylene (Total)	100				1358587	177.034	4400(R)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30450.d
Report Date: 25-Aug-2009 08:13

QC Flag Legend

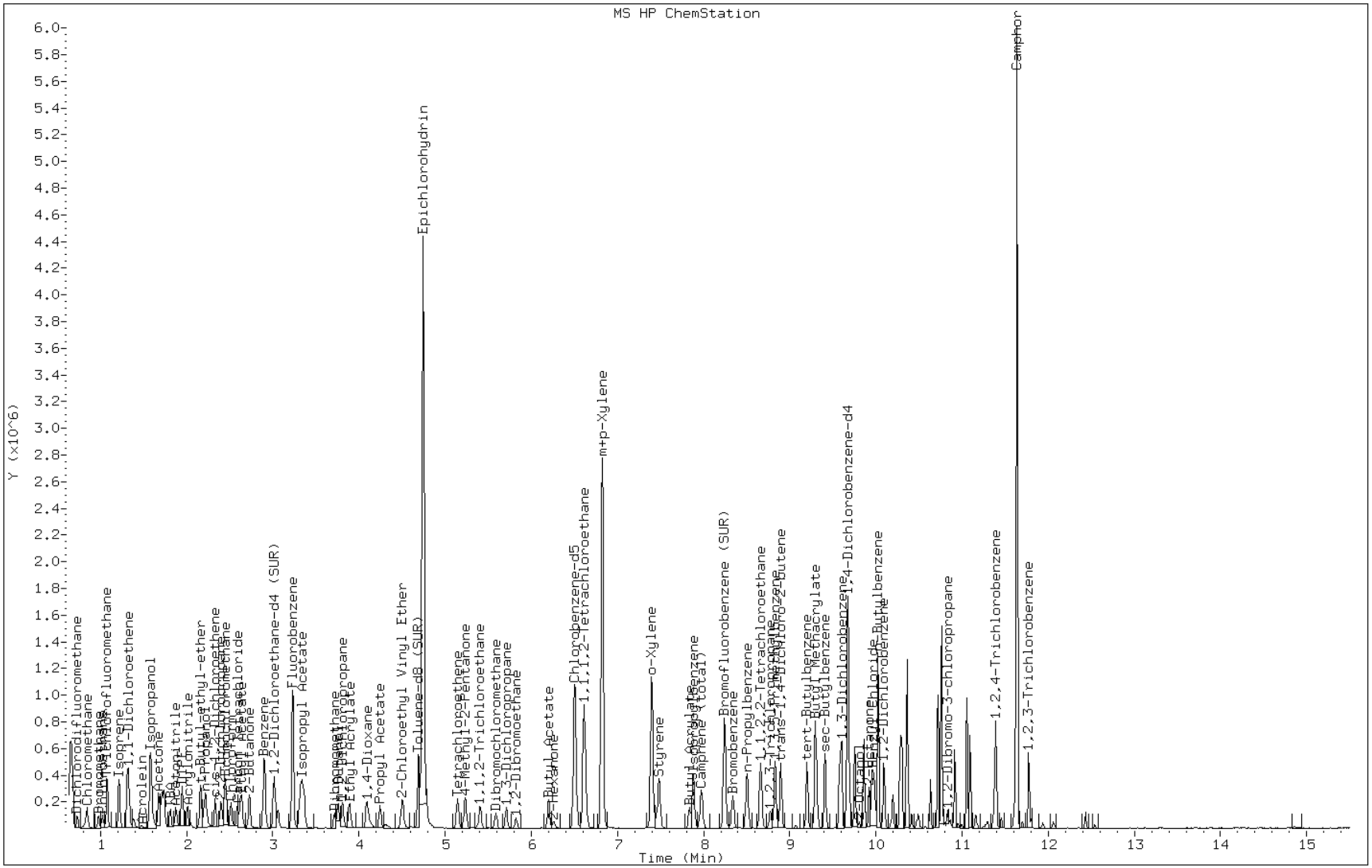
R - Spike/Surrogate failed recovery limits.

Data File: p30450.d

Date: 24-AUG-2009 12:43

Client ID: GW-017338-081909-AC Instrument: VOAMS13.i

Sample Info: 460-4869-F-4MS;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-4928-C-5 MS

Matrix: Water | Lab File ID: p30499.d

Analysis Method: 8260B | Date Collected: 08/19/2009 13:17

Sample wt/vol: 5(mL) | Date Analyzed: 08/26/2009 01:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15245 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	23.5		1.0	0.29
74-87-3	Chloromethane	18.8		1.0	0.21
74-83-9	Bromomethane	13.6		1.0	0.31
75-01-4	Vinyl chloride	21.1		1.0	0.13
75-00-3	Chloroethane	23.8		1.0	0.45
75-69-4	Trichlorofluoromethane	22.7		1.0	0.16
76-13-1	Freon TF	16.8		1.0	0.28
75-09-2	Methylene Chloride	16.3		1.0	0.19
67-64-1	Acetone	25.7		10	2.5
75-15-0	Carbon disulfide	14.3		1.0	0.15
79-20-9	Methyl acetate	19.2		2.0	0.33
75-35-4	1,1-Dichloroethene	18.2		1.0	0.14
75-34-3	1,1-Dichloroethane	15.6		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	17.3		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	16.6		1.0	0.14
1634-04-4	MTBE	18.1		1.0	0.18
67-66-3	Chloroform	18.2		1.0	0.15
107-06-2	1,2-Dichloroethane	18.0		1.0	0.24
78-93-3	2-Butanone	23.8		10	0.82
71-55-6	1,1,1-Trichloroethane	19.8		1.0	0.25
110-82-7	Cyclohexane	17.3		1.0	0.13
56-23-5	Carbon tetrachloride	21.1		1.0	0.19
75-27-4	Bromodichloromethane	17.6		1.0	0.093
78-87-5	1,2-Dichloropropane	16.7		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	15.8		1.0	0.11
79-01-6	Trichloroethene	18.7		1.0	0.18
108-87-2	Methylcyclohexane	20.0		1.0	0.090
124-48-1	Dibromochloromethane	17.3		1.0	0.11
79-00-5	1,1,2-Trichloroethane	17.8		1.0	0.10
71-43-2	Benzene	15.1		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	16.6		1.0	0.12
75-25-2	Bromoform	18.6		1.0	0.10
98-82-8	Isopropylbenzene	59.4		1.0	0.21
108-10-1	4-Methyl-2-pentanone	21.9		10	0.68
591-78-6	2-Hexanone	20.6		10	0.55
127-18-4	Tetrachloroethene	17.8		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-4928-C-5 MS

Matrix: Water Lab File ID: p30499.d

Analysis Method: 8260B Date Collected: 08/19/2009 13:17

Sample wt/vol: 5(mL) Date Analyzed: 08/26/2009 01:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15245 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	206		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	18.5		1.0	0.090
108-90-7	Chlorobenzene	17.9		1.0	0.16
100-41-4	Ethylbenzene	141		1.0	0.25
1330-20-7	Xylenes, Total	547		3.0	0.43
100-42-5	Styrene	17.0		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.0	0.15
541-73-1	1,3-Dichlorobenzene	16.8		1.0	0.22
106-46-7	1,4-Dichlorobenzene	17.3		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.0		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	18.1		1.0	0.44
106-93-4	1,2-Dibromoethane	17.1		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	56-125	
2037-26-5	Toluene-d8 (Surr)	92	72-127	
460-00-4	Bromofluorobenzene	109	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30499.d
Report Date: 26-Aug-2009 09:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30499.d
Lab Smp Id: 460-4928-C-5 MS Client Smp ID: 20090819MW-10V12.25
Inj Date : 26-AUG-2009 01:07
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4928-C-5 MS
Misc Info : 460-4928-C-5 MS
Comment   :
Method   : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/8260_09.m
Meth Date : 25-Aug-2009 22:40 ken Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 7 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.728	(0.228)	73778	23.4883	23
3 Chloromethane	50	0.828	0.828	(0.257)	77503	18.8044	19
4 Vinyl Chloride	62	0.842	0.842	(0.261)	91071	21.0598	21
6 Bromomethane	94	0.978	0.978	(0.303)	30749	13.5579	14
5 Chloroethane	64	1.021	1.021	(0.316)	58394	23.8097	24
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	129401	22.6687	23
10 Isoprene	67	1.215	1.215	(0.376)	89655	15.8960	16
11 Ethyl Ether	59	1.222	1.222	(0.379)	53886	17.3374	17
13 Acrolein	56	1.473	1.480	(0.456)	11354	36.0111	36
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	53381	18.2045	18
14 Freon TF	101	1.329	1.329	(0.412)	60269	16.7892	17
16 Acetone	58	1.623	1.630	(0.503)	6726	25.6584	26
18 Carbon Disulfide	76	1.322	1.322	(0.410)	180892	14.2848	14
19 Isopropanol	45	1.573	1.580	(0.487)	585083	2998.01	3000
21 Acetonitrile	39	1.874	1.874	(0.581)	27421	365.759	360
27 Methyl Acetate	74	1.688	1.687	(0.523)	21035	19.1808	19

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30499.d
Report Date: 26-Aug-2009 09:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	66886	16.2749	16
	24 TBA	59	1.809	1.809	(0.561)	124476	441.752	440
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	65729	16.5655	16
	26 Acrylonitrile	53	2.046	2.046	(0.634)	20142	15.4612	15
	28 MTBE	73	1.738	1.738	(0.538)	196736	18.0835	18
	29 Hexane	56	1.709	1.709	(0.530)	52301	16.4352	16
	30 1,1-Dichloroethane	63	2.010	2.003	(0.623)	114506	15.6399	16
	32 DIPE	45	1.945	1.945	(0.603)	207811	16.1589	16
	34 n-Propanol	60	2.218	2.225	(0.687)	35930	2969.16	3000
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	212836	17.6076	18
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	113276	18.3674	18
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	75593	17.2752	17
	38 2-Butanone	72	2.741	2.740	(0.849)	11846	23.8408	24
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	14343	43.3538	43
	40 Bromochloromethane	128	2.461	2.461	(0.763)	36462	19.5479	20
	41 Tetrahydrofuran	42	2.619	2.626	(0.811)	24509	20.8129	21
	42 Chloroform	83	2.511	2.511	(0.778)	115307	18.2104	18
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	106659	19.8167	20
	44 Cyclohexane	56	2.447	2.447	(0.758)	110714	17.3152	17
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	92468	21.0953	21
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	89073	17.8438	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	95586	46.8091	47
	48 Benzene	78	2.905	2.905	(0.447)	262047	15.1414	15
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	85263	18.0290	18
	51 n-Heptane	57	2.891	2.898	(0.896)	40091	17.3509	17
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	181336	18.8144	19
	61 Isopropyl Acetate	43	3.314	3.313	(1.027)	195254	37.2376	37
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	840487	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	69282	18.7030	19
	53 n-Butanol	56	3.751	3.758	(1.162)	99984	1546.41	1500
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	118555	20.0194	20
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	72937	20.7386	21
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	63881	16.6848	17
	58 Dibromomethane	93	3.715	3.715	(1.151)	37679	18.4201	18
	60 1,4-Dioxane	88	4.102	4.101	(1.271)	116293	3193.69	3200
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	18379	20.3054	20
	75 Propyl Acetate	43	4.245	4.245	(1.315)	146353	37.8106	38
	68 Bromodichloromethane	83	3.887	3.886	(1.204)	85147	17.5971	18
	62 2-Chloroethyl Vinyl Ether	63	4.496	4.488	(1.393)	1625	0.74937	0.75(aR)
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	101836	313.814	310
	67 cis-1,3-Dichloropropene	75	4.510	4.503	(0.694)	108925	15.8419	16(R)
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	61374	21.9461	22
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	374325	46.0159	46
	66 Toluene	91	4.746	4.739	(0.730)	3594675	206.127	210(R)
	64 trans-1,3-Dichloropropene	75	5.240	5.233	(0.806)	101518	16.6401	17
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	50533	17.7687	18
	71 Tetrachloroethene	166	5.147	5.140	(0.792)	73675	17.8129	18

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30499.d
Report Date: 26-Aug-2009 09:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	72 1,3-Dichloropropane	76	5.706	5.713	(0.878)	101443	16.7255	17
	73 2-Hexanone	43	6.258	6.257	(0.963)	43101	20.5896	20
	74 Dibromochloromethane	129	5.591	5.591	(0.860)	66043	17.2913	17
	76 Butyl Acetate	73	6.200	6.200	(0.954)	31992	39.2008	39
	77 1,2-Dibromoethane	107	5.821	5.821	(0.895)	57446	17.0581	17
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	658584	50.0000	
	79 Chlorobenzene	112	6.523	6.522	(1.003)	208982	17.9217	18
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	67101	17.7717	18
	81 Ethylbenzene	106	6.616	6.608	(1.018)	864505	140.966	140(R)
	82 m+p-Xylene	106	6.831	6.823	(1.051)	3438330	446.332	450(R)
	84 o-Xylene	106	7.397	7.396	(1.138)	708283	96.5111	96(R)
	85 Styrene	104	7.483	7.482	(1.151)	218086	16.9756	17
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	48927	19.9883	20
	86 Bromoform	173	7.454	7.454	(1.147)	43039	18.6426	19
	88 Isopropylbenzene	105	7.884	7.883	(1.213)	1057862	59.4218	59(R)
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	268082	54.2841	54
	90 Camphene (total)	93	7.977	7.977	(1.227)	98535	16.7458	17
	91 Bromobenzene	156	8.342	8.335	(0.862)	84865	17.0668	17
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	75184	18.5286	18
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	23307	20.1628	20
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	21994	16.6687	17
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	960426	42.6714	43(R)
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	235939	17.2037	17
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	290874	18.7148	19
	98 4-Chlorotoluene	91	8.894	8.901	(0.919)	253254	16.9771	17
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	93314	19.6490	20
	100 tert-Butylbenzene	119	9.202	9.201	(0.951)	253702	18.7758	19
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	343616	21.0407	21
	102 2-Octanone	43	9.925	9.925	(1.026)	119259	25.5776	26
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	430797	21.6816	22
	104 2-Octanol	45	9.803	9.803	(1.013)	21442	19.0504	19
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	165273	16.7872	17
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	322889	18.5423	18
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	354494	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.681	(1.001)	176638	17.3228	17
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	186482	19.5908	20
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	345968	22.3848	22
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	168644	17.9803	18
	112 1,2-Dibromo-3-chloropropane	75	10.835	10.827	(1.120)	16548	20.0232	20
	113 Camphor	95	11.608	11.608	(1.200)	45807	103.493	100
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	122718	18.1160	18
	115 Hexachlorobutadiene	225	11.401	11.393	(1.178)	43363	17.9108	18
	116 Naphthalene	128	11.637	11.637	(1.203)	442422	28.4112	28(R)
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	106225	18.5057	18
M	120 1,2-Dichloroethene (Total)	100				141322	33.8753	34
M	121 Xylene (Total)	100				4146614	546.904	550(R)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30499.d
Report Date: 26-Aug-2009 09:50

QC Flag Legend

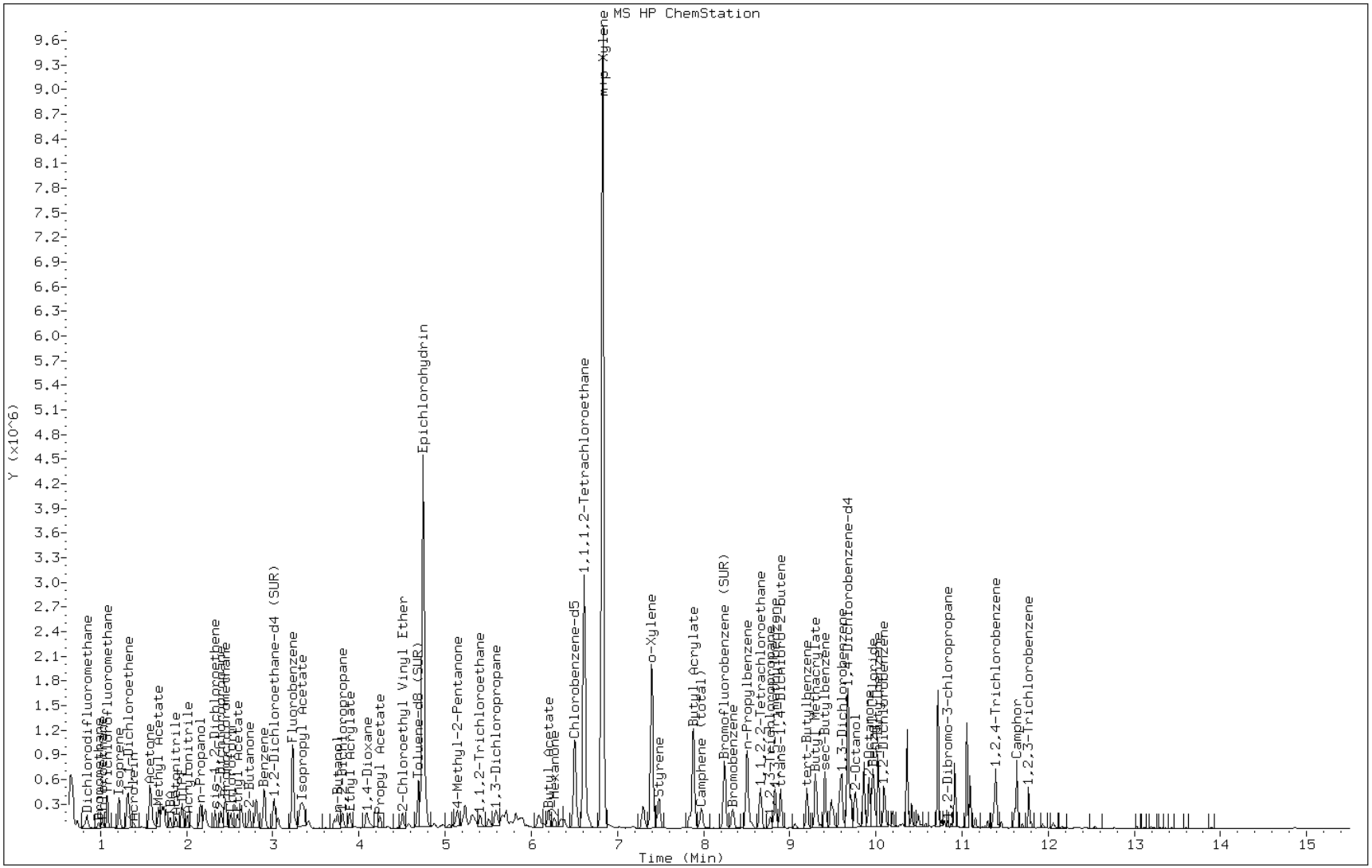
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: p30499.d

Date: 26-AUG-2009 01:07

Client ID: 20090819MW-10V12.25 Instrument: VOAMS13.i

Sample Info: 460-4928-C-5 MS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-5074-E-1 MS

Matrix: Water Lab File ID: p30574.d

Analysis Method: 8260B Date Collected: 08/25/2009 11:10

Sample wt/vol: 5(mL) Date Analyzed: 08/27/2009 14:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 15423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	21.6		1.0	0.21
74-83-9	Bromomethane	18.6		1.0	0.31
75-01-4	Vinyl chloride	21.8		1.0	0.13
75-00-3	Chloroethane	18.0		1.0	0.45
75-69-4	Trichlorofluoromethane	18.7		1.0	0.16
76-13-1	Freon TF	15.3		1.0	0.28
75-09-2	Methylene Chloride	18.4		1.0	0.19
67-64-1	Acetone	19.6		10	2.5
75-15-0	Carbon disulfide	15.5		1.0	0.15
79-20-9	Methyl acetate	18.5		2.0	0.33
75-35-4	1,1-Dichloroethene	19.4		1.0	0.14
75-34-3	1,1-Dichloroethane	18.5		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.4		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.14
1634-04-4	MTBE	17.8		1.0	0.18
67-66-3	Chloroform	19.1		1.0	0.15
107-06-2	1,2-Dichloroethane	18.6		1.0	0.24
78-93-3	2-Butanone	18.8		10	0.82
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.25
110-82-7	Cyclohexane	16.7		1.0	0.13
56-23-5	Carbon tetrachloride	19.9		1.0	0.19
75-27-4	Bromodichloromethane	18.9		1.0	0.093
78-87-5	1,2-Dichloropropane	18.9		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.11
79-01-6	Trichloroethene	18.3		1.0	0.18
108-87-2	Methylcyclohexane	16.5		1.0	0.090
124-48-1	Dibromochloromethane	18.9		1.0	0.11
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.10
71-43-2	Benzene	18.3		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.12
75-25-2	Bromoform	19.0		1.0	0.10
98-82-8	Isopropylbenzene	19.7		1.0	0.21
108-10-1	4-Methyl-2-pentanone	18.4		10	0.68
591-78-6	2-Hexanone	18.4		10	0.55
127-18-4	Tetrachloroethene	19.7		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5074-E-1 MS

Matrix: Water | Lab File ID: p30574.d

Analysis Method: 8260B | Date Collected: 08/25/2009 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/27/2009 14:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15423 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.3		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.090
108-90-7	Chlorobenzene	18.9		1.0	0.16
100-41-4	Ethylbenzene	18.7		1.0	0.25
1330-20-7	Xylenes, Total	56.3		3.0	0.43
100-42-5	Styrene	18.7		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.15
541-73-1	1,3-Dichlorobenzene	18.7		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.4		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	18.1		1.0	0.44
106-93-4	1,2-Dibromoethane	18.5		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	56-125	
2037-26-5	Toluene-d8 (Surr)	98	72-127	
460-00-4	Bromofluorobenzene	100	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30574.d
Report Date: 27-Aug-2009 15:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30574.d
Lab Smp Id: 460-5074-E-1 MS Client Smp ID: RW-93-1
Inj Date : 27-AUG-2009 14:46
Operator : Inst ID: VOAMS13.i
Smp Info : 460-5074-E-1 MS
Misc Info : 460-5074-E-1 MS
Comment   :
Method   : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 13 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
3 Chloromethane	50	0.827	0.835	(0.256)	73109	21.5795	22
4 Vinyl Chloride	62	0.842	0.842	(0.261)	83136	21.8023	22
6 Bromomethane	94	0.978	0.971	(0.303)	37672	18.5695	18
5 Chloroethane	64	1.028	1.021	(0.319)	48043	18.0384	18
7 Trichlorofluoromethane	101	1.085	1.079	(0.336)	116029	18.6651	19
8 n-Pentane	72	1.078	1.071	(0.334)	8918	12.5285	12(R)
10 Isoprene	67	1.214	1.208	(0.376)	83832	14.5641	14
11 Ethyl Ether	59	1.221	1.222	(0.378)	56839	17.3749	17
13 Acrolein	56	1.479	1.480	(0.458)	8970	31.7843	32
15 1,1-Dichloroethene	96	1.315	1.308	(0.407)	56404	19.4012	19
14 Freon TF	101	1.336	1.329	(0.414)	57222	15.3478	15
16 Acetone	58	1.623	1.630	(0.503)	6426	19.6286	20
18 Carbon Disulfide	76	1.322	1.322	(0.410)	196943	15.4898	15
19 Isopropanol	45	1.565	1.580	(0.485)	588676	2920.42	2900
21 Acetonitrile	39	1.873	1.874	(0.580)	27005	328.644	330
27 Methyl Acetate	74	1.687	1.695	(0.523)	22361	18.5085	18

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30574.d
Report Date: 27-Aug-2009 15:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	70565	18.4353	18
	24 TBA	59	1.802	1.809	(0.558)	118679	338.085	340
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	69741	18.2746	18
	26 Acrylonitrile	53	2.045	2.046	(0.634)	21987	18.0005	18
	28 MTBE	73	1.737	1.738	(0.538)	206713	17.8176	18
	29 Hexane	56	1.716	1.709	(0.532)	51765	16.3087	16
	30 1,1-Dichloroethane	63	2.009	2.010	(0.623)	124222	18.5053	18
	31 Vinyl Acetate	43	2.167	2.167	(0.671)	51443	11.4452	11(R)
	32 DIPE	45	1.945	1.945	(0.603)	209795	17.7691	18
	34 n-Propanol	60	2.217	2.225	(0.687)	37504	3014.59	3000
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	219388	17.9202	18
	37 2,2-Dichloropropane	77	2.396	2.397	(0.742)	102095	17.3111	17
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	77851	18.4411	18
	38 2-Butanone	72	2.740	2.740	(0.849)	12146	18.8180	19
	39 Ethyl Acetate	70	2.618	2.619	(0.811)	13898	34.0112	34
	40 Bromochloromethane	128	2.461	2.461	(0.762)	36997	18.1358	18
	41 Tetrahydrofuran	42	2.625	2.619	(0.814)	25048	16.8876	17
	42 Chloroform	83	2.511	2.511	(0.778)	127977	19.0811	19
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	111968	18.8828	19
	44 Cyclohexane	56	2.446	2.447	(0.758)	110946	16.6543	17
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	98410	19.9083	20
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	94814	18.4241	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.012	3.013	(0.933)	126297	48.0293	48
	48 Benzene	78	2.905	2.905	(0.447)	279662	18.2589	18
	49 1,2-Dichloroethane	62	3.062	3.063	(0.949)	92337	18.5702	18
	51 n-Heptane	57	2.898	2.898	(0.898)	36195	16.1081	16
	50 t-Amyl-methyl-ether	73	3.019	3.020	(0.936)	179773	17.4056	17
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	191080	31.4544	31
*	52 Fluorobenzene	96	3.227	3.228	(1.000)	853866	50.0000	
	54 Trichloroethene	95	3.363	3.364	(1.042)	70711	18.3443	18
	53 n-Butanol	56	3.750	3.758	(1.162)	104446	1553.92	1600
	56 Methyl cyclohexane	83	3.335	3.335	(1.033)	104198	16.5486	16
	55 Ethyl Acrylate	55	3.900	3.901	(1.209)	70803	19.2307	19
	57 1,2-Dichloropropane	63	3.807	3.808	(1.180)	67938	18.8812	19
	58 Dibromomethane	93	3.714	3.715	(1.151)	39383	18.4825	18
	60 1,4-Dioxane	88	4.094	4.101	(1.269)	120804	2973.61	3000
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	17822	17.0993	17
	75 Propyl Acetate	43	4.244	4.245	(1.315)	131907	31.8362	32
	68 Bromodichloromethane	83	3.886	3.887	(1.204)	91961	18.9318	19
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	46062	152.339	150(R)
	67 cis-1,3-Dichloropropene	75	4.509	4.503	(0.694)	112747	19.0236	19
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	49491	18.3551	18
$	65 Toluene-d8 (SUR)	98	4.688	4.689	(0.721)	382329	49.2331	49
	66 Toluene	91	4.746	4.739	(0.730)	315544	18.2541	18
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	100351	18.3158	18
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	47909	18.7358	19
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	76410	19.6833	20

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30574.d
Report Date: 27-Aug-2009 15:39

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	103130	19.0506	19
	73 2-Hexanone	43	6.257	6.258	(0.963)	38984	18.4190	18
	74 Dibromochloromethane	129	5.591	5.584	(0.860)	68690	18.9185	19
	76 Butyl Acetate	73	6.200	6.200	(0.954)	27980	33.6028	34
	77 1,2-Dibromoethane	107	5.820	5.828	(0.895)	58322	18.5467	18
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	648422	50.0000	
	79 Chlorobenzene	112	6.522	6.523	(1.003)	205540	18.8567	19
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	67510	18.3282	18
	81 Ethylbenzene	106	6.608	6.609	(1.017)	107398	18.7303	19
	82 m+p-Xylene	106	6.823	6.823	(1.050)	268291	37.5814	38
	84 o-Xylene	106	7.396	7.396	(1.138)	126459	18.6645	19
	85 Styrene	104	7.489	7.482	(1.152)	221424	18.6865	19
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	45728	19.4276	19
	86 Bromoform	173	7.453	7.454	(1.147)	42904	19.0238	19
	88 Isopropylbenzene	105	7.883	7.876	(1.213)	339514	19.7353	20
$	89 Bromofluorobenzene (SUR)	174	8.241	8.242	(0.852)	200267	49.7866	50
	90 Camphene (total)	93	7.976	7.977	(1.227)	21187	3.56074	3.6(R)
	91 Bromobenzene	156	8.334	8.342	(0.862)	85663	18.3207	18
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	74616	19.8125	20
	93 1,2,3-Trichloropropane	110	8.778	8.772	(0.907)	20950	17.6913	18
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	22056	16.3978	16
	95 n-Propylbenzene	91	8.506	8.507	(0.879)	393349	18.8535	19
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	233706	18.3659	18
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	281731	18.9288	19
	98 4-Chlorotoluene	91	8.893	8.894	(0.919)	263289	19.1765	19
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	91289	19.6622	20
	100 tert-Butylbenzene	119	9.201	9.202	(0.951)	247864	19.2092	19
	101 1,2,4-Trimethylbenzene	105	9.294	9.295	(0.961)	289894	18.6424	19
	102 2-Octanone	43	9.925	9.925	(1.026)	77057	15.1902	15
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	361543	19.0081	19
	104 2-Octanol	45	9.810	9.803	(1.014)	15947	14.6431	15
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	172141	18.7323	19
	107 p-Isopropyltoluene	119	9.602	9.603	(0.993)	318374	19.2355	19
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.667	(1.000)	353931	50.0000	
	109 1,4-Dichlorobenzene	146	9.688	9.681	(1.001)	182385	19.2052	19
	110 Benzyl Chloride	91	9.967	9.968	(1.030)	147285	16.2078	16
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	282756	18.9496	19
	111 1,2-Dichlorobenzene	146	10.089	10.090	(1.043)	164244	18.4344	18
	112 1,2-Dibromo-3-chloropropane	75	10.834	10.828	(1.120)	15373	18.5433	18
	113 Camphor	95	11.608	11.608	(1.200)	40227	90.1557	90
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	116450	18.1060	18
	115 Hexachlorobutadiene	225	11.400	11.393	(1.178)	41222	18.1112	18
	116 Naphthalene	128	11.636	11.637	(1.203)	297735	19.1062	19
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	102552	17.5947	18
M	120 1,2-Dichloroethene (Total)	100				147592	36.7241	37
M	121 Xylene (Total)	100				394750	56.2503	56

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30574.d
Report Date: 27-Aug-2009 15:39

QC Flag Legend

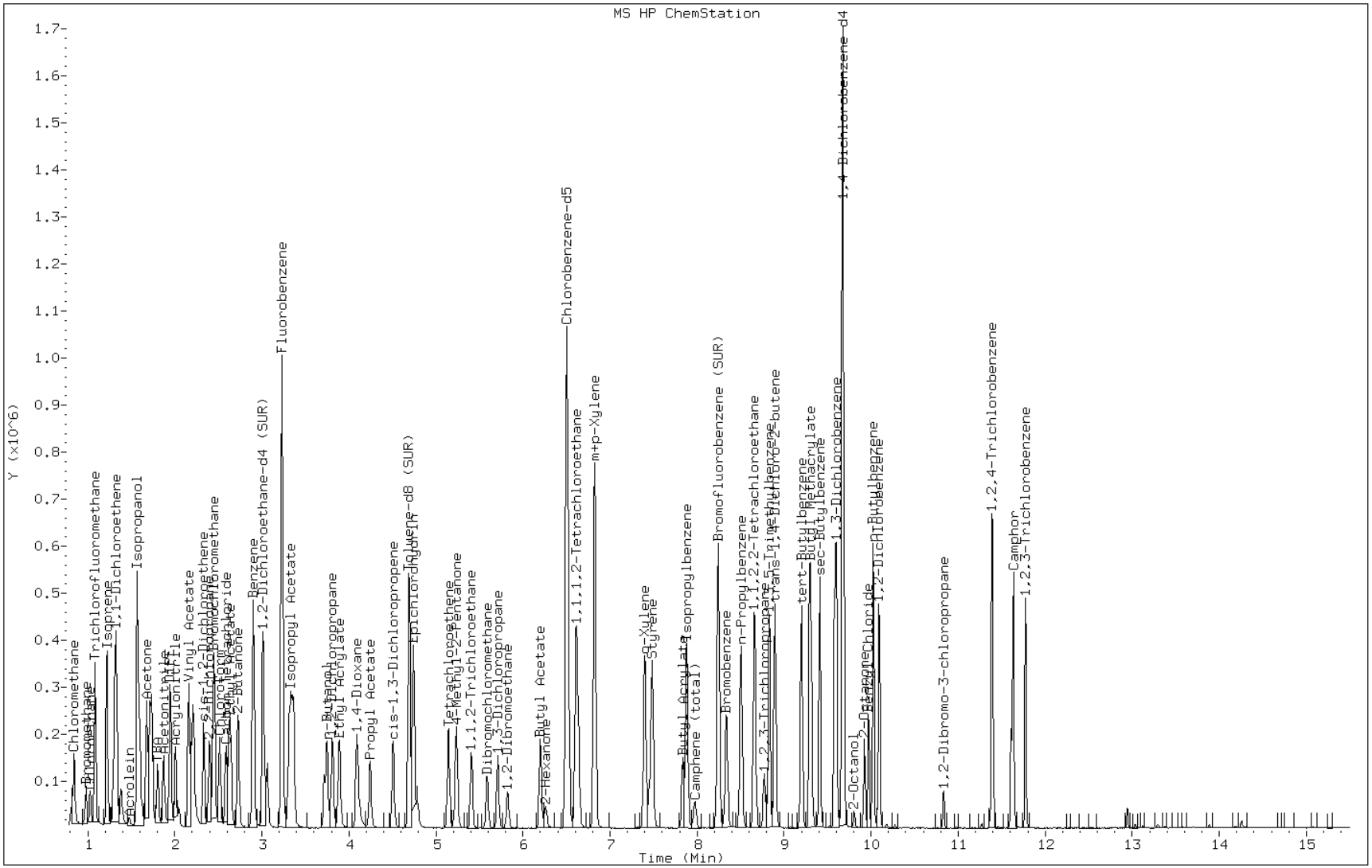
R - Spike/Surrogate failed recovery limits.

Data File: p30574.d

Date: 27-AUG-2009 14:46

Client ID: RW-93-1 Instrument: VOAMS13.i

Sample Info: 460-5074-E-1 MS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5002-C-21 MS

Matrix: Water | Lab File ID: p30594.d

Analysis Method: 8260B | Date Collected: 08/24/2009 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2009 11:06

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15569 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	227		10	2.9
74-87-3	Chloromethane	217		10	2.1
74-83-9	Bromomethane	183		10	3.1
75-01-4	Vinyl chloride	225		10	1.3
75-00-3	Chloroethane	188		10	4.5
75-69-4	Trichlorofluoromethane	195		10	1.6
76-13-1	Freon TF	165		10	2.8
75-09-2	Methylene Chloride	194		10	1.9
67-64-1	Acetone	206		100	25
75-15-0	Carbon disulfide	153		10	1.5
79-20-9	Methyl acetate	191		20	3.3
75-35-4	1,1-Dichloroethene	196		10	1.4
75-34-3	1,1-Dichloroethane	188		10	1.0
156-59-2	cis-1,2-Dichloroethene	195		10	2.0
156-60-5	trans-1,2-Dichloroethene	185		10	1.4
1634-04-4	MTBE	181		10	1.8
67-66-3	Chloroform	201		10	1.5
107-06-2	1,2-Dichloroethane	189		10	2.4
78-93-3	2-Butanone	195		100	8.2
71-55-6	1,1,1-Trichloroethane	198		10	2.5
110-82-7	Cyclohexane	180		10	1.3
56-23-5	Carbon tetrachloride	201		10	1.9
75-27-4	Bromodichloromethane	202		10	0.93
78-87-5	1,2-Dichloropropane	195		10	0.90
10061-01-5	cis-1,3-Dichloropropene	196		10	1.1
79-01-6	Trichloroethene	189		10	1.8
108-87-2	Methylcyclohexane	187		10	0.90
124-48-1	Dibromochloromethane	196		10	1.1
79-00-5	1,1,2-Trichloroethane	195		10	1.0
71-43-2	Benzene	288		10	1.3
10061-02-6	trans-1,3-Dichloropropene	195		10	1.2
75-25-2	Bromoform	204		10	1.0
98-82-8	Isopropylbenzene	206		10	2.1
108-10-1	4-Methyl-2-pentanone	191		100	6.8
591-78-6	2-Hexanone	200		100	5.5
127-18-4	Tetrachloroethene	206		10	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5002-C-21 MS

Matrix: Water | Lab File ID: p30594.d

Analysis Method: 8260B | Date Collected: 08/24/2009 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2009 11:06

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15569 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	189		10	0.90
79-34-5	1,1,2,2-Tetrachloroethane	207		10	0.90
108-90-7	Chlorobenzene	2030		10	1.6
100-41-4	Ethylbenzene	196		10	2.5
1330-20-7	Xylenes, Total	578		30	4.3
100-42-5	Styrene	192		10	1.3
96-12-8	1,2-Dibromo-3-Chloropropane	203		10	1.5
541-73-1	1,3-Dichlorobenzene	196		10	2.2
106-46-7	1,4-Dichlorobenzene	205		10	1.5
95-50-1	1,2-Dichlorobenzene	223		10	1.6
120-82-1	1,2,4-Trichlorobenzene	199		10	4.4
106-93-4	1,2-Dibromoethane	195		10	0.90

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98	56-125	
2037-26-5	Toluene-d8 (Surr)	99	72-127	
460-00-4	Bromofluorobenzene	103	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30594.d
Report Date: 28-Aug-2009 12:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30594.d
Lab Smp Id: 460-5002-C-21MS
Inj Date : 28-AUG-2009 11:06
Operator : Inst ID: VOAMS13.i
Smp Info : 460-5002-C-21MS;10
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/8260_09.m
Meth Date : 28-Aug-2009 12:44 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 6 QC Sample: MS
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	68304	22.7082	230
3 Chloromethane	50	0.830	0.830	(0.257)	73198	21.7235	220
4 Vinyl Chloride	62	0.845	0.845	(0.261)	85503	22.5452	220
6 Bromomethane	94	0.981	0.974	(0.304)	36886	18.2829	180
5 Chloroethane	64	1.031	1.024	(0.319)	49917	18.8441	190
7 Trichlorofluoromethane	101	1.088	1.074	(0.337)	120587	19.5040	200
8 n-Pentane	72	1.081	1.074	(0.335)	10991	15.5247	160
10 Isoprene	67	1.217	1.210	(0.377)	89528	15.6383	160
11 Ethyl Ether	59	1.224	1.224	(0.379)	56083	17.2372	170
13 Acrolein	56	1.475	1.475	(0.457)	10181	36.2704	360
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	56709	19.6126	200
14 Freon TF	101	1.332	1.324	(0.412)	61202	16.5047	160
16 Acetone	58	1.625	1.633	(0.503)	6697	20.5699	200
18 Carbon Disulfide	76	1.325	1.317	(0.410)	193327	15.2882	150
19 Isopropanol	45	1.568	1.575	(0.485)	590737	2946.60	29000
21 Acetonitrile	39	1.869	1.876	(0.579)	28076	343.544	3400

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30594.d
Report Date: 28-Aug-2009 12:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	27 Methyl Acetate	74	1.690	1.690	(0.523)	22911	19.0675	190
	22 Methylene Chloride	84	1.597	1.597	(0.494)	73920	19.4167	190
	24 TBA	59	1.804	1.812	(0.559)	130041	372.470	3700
	25 trans-1,2-Dichloroethene	96	1.676	1.668	(0.519)	70201	18.4953	180
	26 Acrylonitrile	53	2.048	2.048	(0.634)	25323	20.8445	210
	28 MTBE	73	1.733	1.740	(0.536)	208540	18.0729	180
	29 Hexane	56	1.711	1.711	(0.530)	56703	17.9618	180
	30 1,1-Dichloroethane	63	2.005	2.005	(0.621)	125708	18.8286	190
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	54963	12.2948	120(R)
	32 DIPE	45	1.948	1.948	(0.603)	219162	18.6634	190
	34 n-Propanol	60	2.213	2.227	(0.685)	36527	2952.03	30000
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	226322	18.5873	180
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	118188	20.1490	200
	36 cis-1,2-Dichloroethene	96	2.335	2.327	(0.723)	81706	19.4596	190
	38 2-Butanone	72	2.736	2.743	(0.847)	12509	19.4855	190
	39 Ethyl Acetate	70	2.621	2.621	(0.811)	15601	38.3884	380
	40 Bromochloromethane	128	2.456	2.456	(0.760)	39213	19.3270	190
	41 Tetrahydrofuran	42	2.621	2.621	(0.811)	27468	18.6196	190
	42 Chloroform	83	2.514	2.514	(0.778)	134249	20.1251	200
	43 1,1,1-Trichloroethane	97	2.643	2.635	(0.818)	116683	19.7850	200
	44 Cyclohexane	56	2.449	2.442	(0.758)	119069	17.9710	180
	45 Carbon Tetrachloride	117	2.592	2.585	(0.803)	98920	20.1203	200
	46 1,1-Dichloropropene	75	2.728	2.721	(0.845)	101276	19.7869	200
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.008	(0.933)	128245	49.0359	49
	48 Benzene	78	2.908	2.900	(0.447)	442445	28.7654	290(R)
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	93301	18.8661	190
	51 n-Heptane	57	2.893	2.893	(0.896)	41909	18.7524	190
	50 t-Amyl-methyl-ether	73	3.015	3.015	(0.933)	189650	18.4618	180
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	217806	36.0490	360
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	849241	50.0000	
	54 Trichloroethene	95	3.366	3.366	(1.042)	72416	18.8888	190
	53 n-Butanol	56	3.746	3.753	(1.160)	102364	1534.48	15000
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	116897	18.6666	190
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	74351	20.3044	200
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	69664	19.4665	190
	58 Dibromomethane	93	3.717	3.717	(1.151)	40270	19.0015	190
	60 1,4-Dioxane	88	4.097	4.097	(1.268)	117615	2910.89	29000
	59 Methyl Methacrylate	100	4.082	4.082	(1.264)	20046	19.3378	190
	75 Propyl Acetate	43	4.240	4.240	(1.313)	158081	38.3611	380
	68 Bromodichloromethane	83	3.889	3.882	(1.204)	97549	20.1915	200
	62 2-Chloroethyl Vinyl Ether	63	4.491	4.491	(1.390)	5147	2.13494	21(R)
	63 Epichlorohydrin	57	4.784	4.784	(0.736)	111169	366.115	3700
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	116487	19.5719	200
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.803)	51722	19.1019	190
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	387876	49.7373	50
	66 Toluene	91	4.741	4.741	(0.729)	327997	18.8948	190
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.805)	107494	19.5370	200

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30594.d
Report Date: 28-Aug-2009 12:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	5.407	5.407	(0.831)	50170	19.5375	200
	71 Tetrachloroethene	166	5.142	5.142	(0.791)	80440	20.6341	210
	72 1,3-Dichloropropane	76	5.708	5.708	(0.878)	106128	19.5220	200
	73 2-Hexanone	43	6.260	6.260	(0.963)	42542	20.0158	200
	74 Dibromochloromethane	129	5.594	5.586	(0.860)	71378	19.5762	200
	76 Butyl Acetate	73	6.203	6.203	(0.954)	32876	39.3171	390
	77 1,2-Dibromoethane	107	5.823	5.823	(0.895)	61596	19.5054	200
*	78 Chlorobenzene-d5	117	6.503	6.503	(1.000)	651160	50.0000	
	79 Chlorobenzene	112	6.525	6.518	(1.003)	2221726	202.969	2000(R)
	80 1,1,1,2-Tetrachloroethane	131	6.640	6.632	(1.021)	72557	19.6155	200
	81 Ethylbenzene	106	6.611	6.611	(1.017)	112937	19.6133	200
	82 m+p-Xylene	106	6.826	6.826	(1.050)	275363	38.4100	380
	84 o-Xylene	106	7.399	7.399	(1.138)	132157	19.4235	190
	85 Styrene	104	7.485	7.485	(1.151)	228047	19.1644	190
	83 Butyl Acrylate	73	7.836	7.836	(1.205)	48572	20.5491	200
	86 Bromoform	173	7.449	7.456	(1.145)	46156	20.3795	200
	88 Isopropylbenzene	105	7.879	7.879	(1.211)	355234	20.5622	200
$	89 Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	205795	51.7534	52
	90 Camphene (total)	93	7.979	7.979	(1.227)	109888	18.3898	180
	91 Bromobenzene	156	8.337	8.337	(0.862)	89561	19.3764	190
	92 1,1,2,2-Tetrachloroethane	83	8.659	8.659	(0.896)	77210	20.7387	210
	93 1,2,3-Trichloropropane	110	8.774	8.774	(0.907)	22422	19.1540	190
	94 trans-1,4-Dichloro-2-butene	53	8.889	8.889	(0.919)	24272	18.2549	180
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	416210	20.1803	200
	96 2-Chlorotoluene	91	8.659	8.659	(0.896)	257569	20.4757	200
	97 1,3,5-Trimethylbenzene	105	8.831	8.831	(0.913)	295281	20.0690	200
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	272974	20.1122	200
	99 Butyl Methacrylate	87	9.311	9.311	(0.963)	96136	20.9461	210
	100 tert-Butylbenzene	119	9.204	9.204	(0.952)	264109	20.7053	210
	101 1,2,4-Trimethylbenzene	105	9.297	9.297	(0.961)	304929	19.8364	200
	102 2-Octanone	43	9.927	9.920	(1.027)	81452	16.2426	160
	103 sec-Butylbenzene	105	9.412	9.412	(0.973)	377968	20.1019	200
	104 2-Octanol	45	9.806	9.806	(1.014)	18791	17.4400	170
	105 1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	177611	19.5514	200
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	335866	20.5274	200
*	108 1,4-Dichlorobenzene-d4	152	9.669	9.669	(1.000)	349878	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	192696	20.5260	200
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	176096	19.6027	200
	106 n-Butylbenzene	91	10.028	10.028	(1.037)	295873	20.0583	200
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	196633	22.3253	220
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	16600	20.2544	200
	113 Camphor	95	11.611	11.611	(1.201)	44295	100.424	1000
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	126490	19.8948	200
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	47054	20.9134	210
	116 Naphthalene	128	11.632	11.632	(1.203)	329900	21.4156	210
	117 1,2,3-Trichlorobenzene	180	11.775	11.775	(1.218)	119174	20.6832	210
M	120 1,2-Dichloroethene (Total)	100				151907	38.0035	380

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30594.d
Report Date: 28-Aug-2009 12:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				407521	57.8259	580

QC Flag Legend

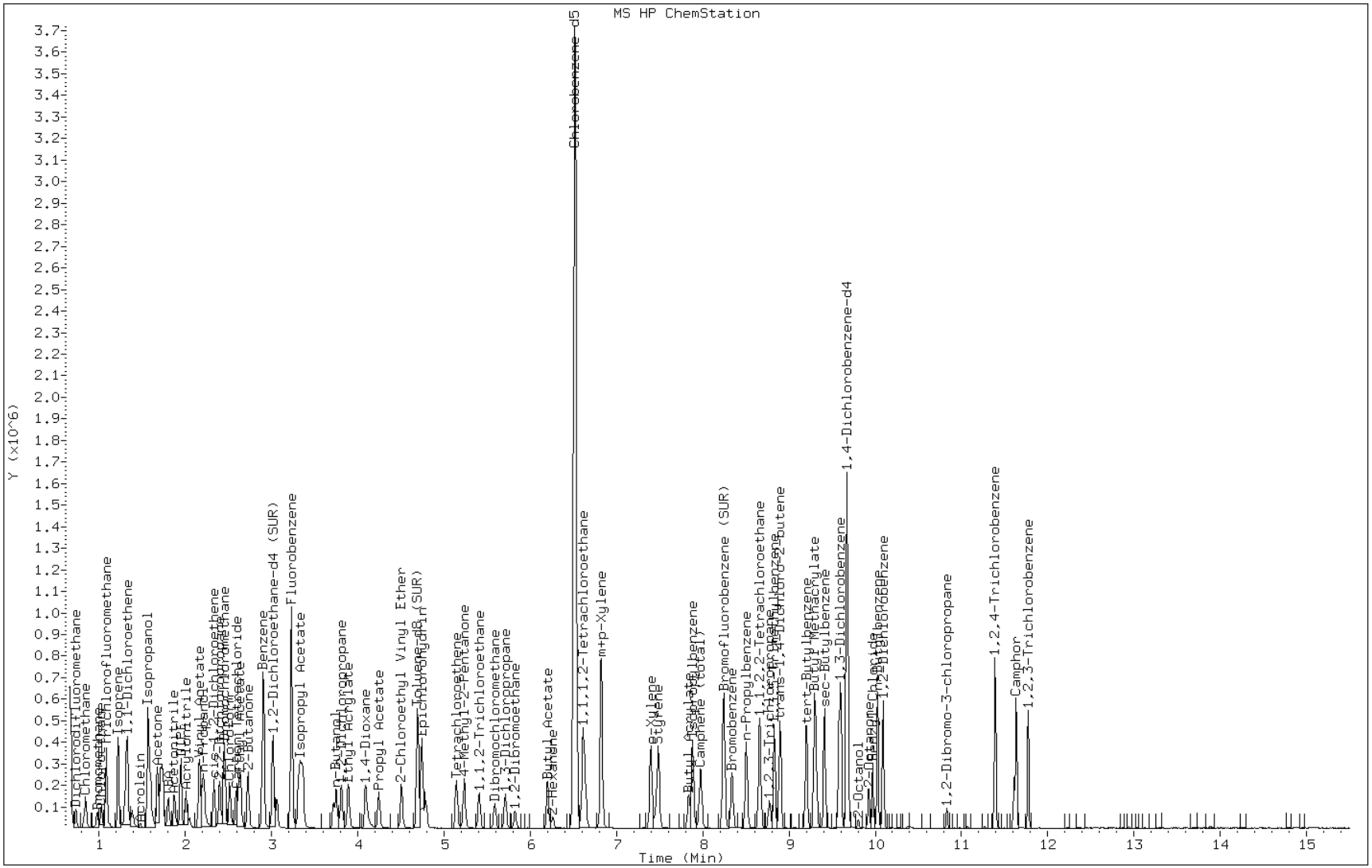
R - Spike/Surrogate failed recovery limits.

Data File: p30594.d

Date: 28-AUG-2009 11:06

Client ID: Instrument: VOAMS13.i

Sample Info: 460-5002-C-21MS;10 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5092-B-1 MS

Matrix: Water | Lab File ID: p30626.d

Analysis Method: 8260B | Date Collected: 08/26/2009 08:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/31/2009 12:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15720 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	21.0		1.0	0.29
74-87-3	Chloromethane	20.7		1.0	0.21
74-83-9	Bromomethane	16.9		1.0	0.31
75-01-4	Vinyl chloride	20.6		1.0	0.13
75-00-3	Chloroethane	18.7		1.0	0.45
75-69-4	Trichlorofluoromethane	17.8		1.0	0.16
76-13-1	Freon TF	14.8		1.0	0.28
75-09-2	Methylene Chloride	17.1		1.0	0.19
67-64-1	Acetone	17.6		10	2.5
75-15-0	Carbon disulfide	14.2		1.0	0.15
79-20-9	Methyl acetate	17.4		2.0	0.33
75-35-4	1,1-Dichloroethene	17.8		1.0	0.14
75-34-3	1,1-Dichloroethane	17.4		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	17.4		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	16.4		1.0	0.14
1634-04-4	MTBE	17.0		1.0	0.18
67-66-3	Chloroform	20.1		1.0	0.15
107-06-2	1,2-Dichloroethane	17.7		1.0	0.24
78-93-3	2-Butanone	17.5		10	0.82
71-55-6	1,1,1-Trichloroethane	17.9		1.0	0.25
110-82-7	Cyclohexane	16.2		1.0	0.13
56-23-5	Carbon tetrachloride	18.2		1.0	0.19
75-27-4	Bromodichloromethane	17.9		1.0	0.093
78-87-5	1,2-Dichloropropane	18.2		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.1		1.0	0.11
79-01-6	Trichloroethene	17.1		1.0	0.18
108-87-2	Methylcyclohexane	15.7		1.0	0.090
124-48-1	Dibromochloromethane	18.4		1.0	0.11
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.10
71-43-2	Benzene	16.8		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.12
75-25-2	Bromoform	18.0		1.0	0.10
98-82-8	Isopropylbenzene	18.5		1.0	0.21
108-10-1	4-Methyl-2-pentanone	18.3		10	0.68
591-78-6	2-Hexanone	18.4		10	0.55
127-18-4	Tetrachloroethene	18.0		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5092-B-1 MS

Matrix: Water | Lab File ID: p30626.d

Analysis Method: 8260B | Date Collected: 08/26/2009 08:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/31/2009 12:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15720 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	17.0		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.090
108-90-7	Chlorobenzene	17.3		1.0	0.16
100-41-4	Ethylbenzene	17.7		1.0	0.25
1330-20-7	Xylenes, Total	52.4		3.0	0.43
100-42-5	Styrene	17.1		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		1.0	0.15
541-73-1	1,3-Dichlorobenzene	17.4		1.0	0.22
106-46-7	1,4-Dichlorobenzene	17.5		1.0	0.15
95-50-1	1,2-Dichlorobenzene	17.4		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	17.4		1.0	0.44
106-93-4	1,2-Dibromoethane	17.7		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79	56-125	
2037-26-5	Toluene-d8 (Surr)	83	72-127	
460-00-4	Bromofluorobenzene	91	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30626.d
Report Date: 31-Aug-2009 13:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30626.d
Lab Smp Id: 460-5092-B-1 MS Client Smp ID: EFFLUENT
Inj Date : 31-AUG-2009 12:06
Operator : Inst ID: VOAMS13.i
Smp Info : 460-5092-B-1 MS
Misc Info : 460-5092-B-1 MS
Comment   :
Method   : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/8260_09.m
Meth Date : 31-Aug-2009 10:13 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 9 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	66365	20.9891	21
3 Chloromethane	50	0.830	0.837	(0.257)	73210	20.6688	21
4 Vinyl Chloride	62	0.845	0.845	(0.261)	82048	20.5804	20
6 Bromomethane	94	0.981	0.974	(0.304)	35862	16.9193	17
5 Chloroethane	64	1.031	1.024	(0.319)	51977	18.6660	19
7 Trichlorofluoromethane	101	1.088	1.074	(0.337)	115826	17.8216	18
8 n-Pentane	72	1.081	1.067	(0.335)	9640	12.9534	13(R)
10 Isoprene	67	1.217	1.210	(0.377)	84359	14.0178	14
11 Ethyl Ether	59	1.224	1.224	(0.379)	55835	16.3253	16
13 Acrolein	56	1.475	1.475	(0.457)	11549	39.1402	39
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	54169	17.8216	18
14 Freon TF	101	1.332	1.325	(0.412)	57591	14.7744	15
16 Acetone	58	1.625	1.633	(0.503)	6011	17.5623	18
18 Carbon Disulfide	76	1.324	1.317	(0.410)	188412	14.1739	14(R)
19 Isopropanol	45	1.568	1.582	(0.485)	668855	3173.77	3200
21 Acetonitrile	39	1.876	1.876	(0.581)	28553	332.362	330

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30626.d
Report Date: 31-Aug-2009 13:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	27 Methyl Acetate	74	1.690	1.690	(0.523)	22013	17.4276	17
	22 Methylene Chloride	84	1.597	1.597	(0.494)	68360	17.0820	17
	24 TBA	59	1.804	1.812	(0.559)	131330	357.841	360
	25 trans-1,2-Dichloroethene	96	1.675	1.668	(0.519)	65584	16.4373	16
	26 Acrylonitrile	53	2.048	2.048	(0.634)	34786	27.2391	27(R)
	28 MTBE	73	1.740	1.740	(0.539)	206676	17.0391	17
	29 Hexane	56	1.711	1.711	(0.530)	51239	15.4403	15
	30 1,1-Dichloroethane	63	2.005	2.005	(0.621)	122196	17.4112	17
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	52621	11.1977	11(R)
	32 DIPE	45	1.948	1.948	(0.603)	215104	17.4258	17
	34 n-Propanol	60	2.213	2.227	(0.685)	42679	3281.27	3300
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	220296	17.2112	17
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	111585	18.0968	18
	36 cis-1,2-Dichloroethene	96	2.334	2.327	(0.723)	76977	17.4405	17
	38 2-Butanone	72	2.743	2.743	(0.849)	11803	17.4906	17
	39 Ethyl Acetate	70	2.621	2.621	(0.811)	15155	35.4754	35
	40 Bromochloromethane	128	2.463	2.456	(0.763)	38001	17.8176	18
	41 Tetrahydrofuran	42	2.621	2.621	(0.811)	28440	18.3393	18
	42 Chloroform	83	2.514	2.514	(0.778)	140645	20.0571	20
	43 1,1,1-Trichloroethane	97	2.642	2.635	(0.818)	110960	17.8983	18
	44 Cyclohexane	56	2.449	2.442	(0.758)	112878	16.2068	16
	45 Carbon Tetrachloride	117	2.592	2.585	(0.803)	93916	18.1722	18
	46 1,1-Dichloropropene	75	2.728	2.721	(0.845)	98315	18.2730	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.008	(0.933)	108193	39.3539	39
	48 Benzene	78	2.908	2.900	(0.447)	274305	16.8367	17
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	91998	17.6968	18
	51 n-Heptane	57	2.893	2.893	(0.896)	38402	16.3462	16
	50 t-Amyl-methyl-ether	73	3.015	3.022	(0.933)	187673	17.3797	17
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	214094	33.7090	34
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	892719	50.0000	
	54 Trichloroethene	95	3.366	3.359	(1.042)	68884	17.0924	17
	53 n-Butanol	56	3.753	3.760	(1.162)	120163	1685.02	1700
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	103523	15.7259	16
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	76980	19.9984	20
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	68621	18.2411	18
	58 Dibromomethane	93	3.717	3.717	(1.151)	39988	17.9495	18
	60 1,4-Dioxane	88	4.097	4.104	(1.268)	132475	3118.97	3100
	59 Methyl Methacrylate	100	4.089	4.090	(1.266)	18442	16.9239	17
	75 Propyl Acetate	43	4.240	4.240	(1.313)	155181	35.8233	36
	68 Bromodichloromethane	83	3.889	3.889	(1.204)	90653	17.8503	18
	63 Epichlorohydrin	57	4.791	4.791	(0.737)	89185	277.291	280(R)
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	114129	18.1034	18
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.803)	52561	18.3263	18
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	343331	41.5637	42
	66 Toluene	91	4.741	4.741	(0.729)	311742	16.9542	17
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.805)	105232	18.0564	18
	69 1,1,2-Trichloroethane	83	5.407	5.407	(0.831)	50472	18.5562	18

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30626.d
Report Date: 31-Aug-2009 13:09

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	71 Tetrachloroethene	166	5.142	5.142	(0.791)	74431	18.0253	18
	72 1,3-Dichloropropane	76	5.708	5.708	(0.878)	103155	17.9141	18
	73 2-Hexanone	43	6.260	6.260	(0.963)	41364	18.3731	18
	74 Dibromochloromethane	129	5.586	5.587	(0.859)	70966	18.3749	18
	76 Butyl Acetate	73	6.202	6.203	(0.954)	32455	36.6435	37
	77 1,2-Dibromoethane	107	5.823	5.823	(0.895)	59255	17.7149	18
*	78 Chlorobenzene-d5	117	6.503	6.503	(1.000)	689727	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.002)	200199	17.2668	17
	80 1,1,1,2-Tetrachloroethane	131	6.632	6.632	(1.020)	67535	17.2370	17
	81 Ethylbenzene	106	6.611	6.611	(1.017)	107684	17.6555	18
	82 m+p-Xylene	106	6.819	6.826	(1.048)	264300	34.8053	35
	84 o-Xylene	106	7.399	7.399	(1.138)	126603	17.5669	18
	85 Styrene	104	7.485	7.485	(1.151)	215641	17.1086	17
	83 Butyl Acrylate	73	7.836	7.836	(1.205)	46610	18.6163	19
	86 Bromoform	173	7.449	7.449	(1.145)	43248	18.0278	18
	88 Isopropylbenzene	105	7.879	7.879	(1.211)	338912	18.5205	18
$	89 Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	193222	45.3058	45
	90 Camphene (total)	93	7.979	7.979	(1.227)	34490	5.44925	5.4(R)
	91 Bromobenzene	156	8.337	8.337	(0.862)	85823	17.3121	17
	92 1,1,2,2-Tetrachloroethane	83	8.659	8.660	(0.896)	76366	19.1250	19
	93 1,2,3-Trichloropropane	110	8.774	8.774	(0.907)	23202	18.4800	18
	94 trans-1,4-Dichloro-2-butene	53	8.889	8.889	(0.919)	24491	17.1741	17
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	389600	17.6128	18
	96 2-Chlorotoluene	91	8.659	8.660	(0.896)	234749	17.3997	17
	97 1,3,5-Trimethylbenzene	105	8.831	8.831	(0.913)	276577	17.5267	18
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	258186	17.7363	18
	99 Butyl Methacrylate	87	9.318	9.311	(0.964)	95614	19.4237	19
	100 tert-Butylbenzene	119	9.197	9.204	(0.951)	245539	17.9478	18
	101 1,2,4-Trimethylbenzene	105	9.297	9.297	(0.961)	285382	17.3095	17
	102 2-Octanone	43	9.920	9.920	(1.026)	83220	15.4730	15
	103 sec-Butylbenzene	105	9.412	9.412	(0.973)	356214	17.6639	18
	104 2-Octanol	45	9.806	9.806	(1.014)	18324	15.8638	16
	105 1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	169315	17.3779	17
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	313437	17.8612	18
*	108 1,4-Dichlorobenzene-d4	152	9.669	9.670	(1.000)	375253	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	176684	17.5477	18
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	174000	18.0597	18
	106 n-Butylbenzene	91	10.028	10.028	(1.037)	281923	17.8202	18
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	163962	17.3571	17
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	15774	17.9450	18
	113 Camphor	95	11.611	11.611	(1.201)	42760	90.3878	90
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	118393	17.3621	17
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	40064	16.6026	17
	116 Naphthalene	128	11.632	11.632	(1.203)	297642	18.0150	18
	117 1,2,3-Trichlorobenzene	180	11.775	11.775	(1.218)	106686	17.2638	17
M	120 1,2-Dichloroethene (Total)	100				142561	33.9284	34
M	121 Xylene (Total)	100				390904	52.3665	52

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30626.d
Report Date: 31-Aug-2009 13:09

QC Flag Legend

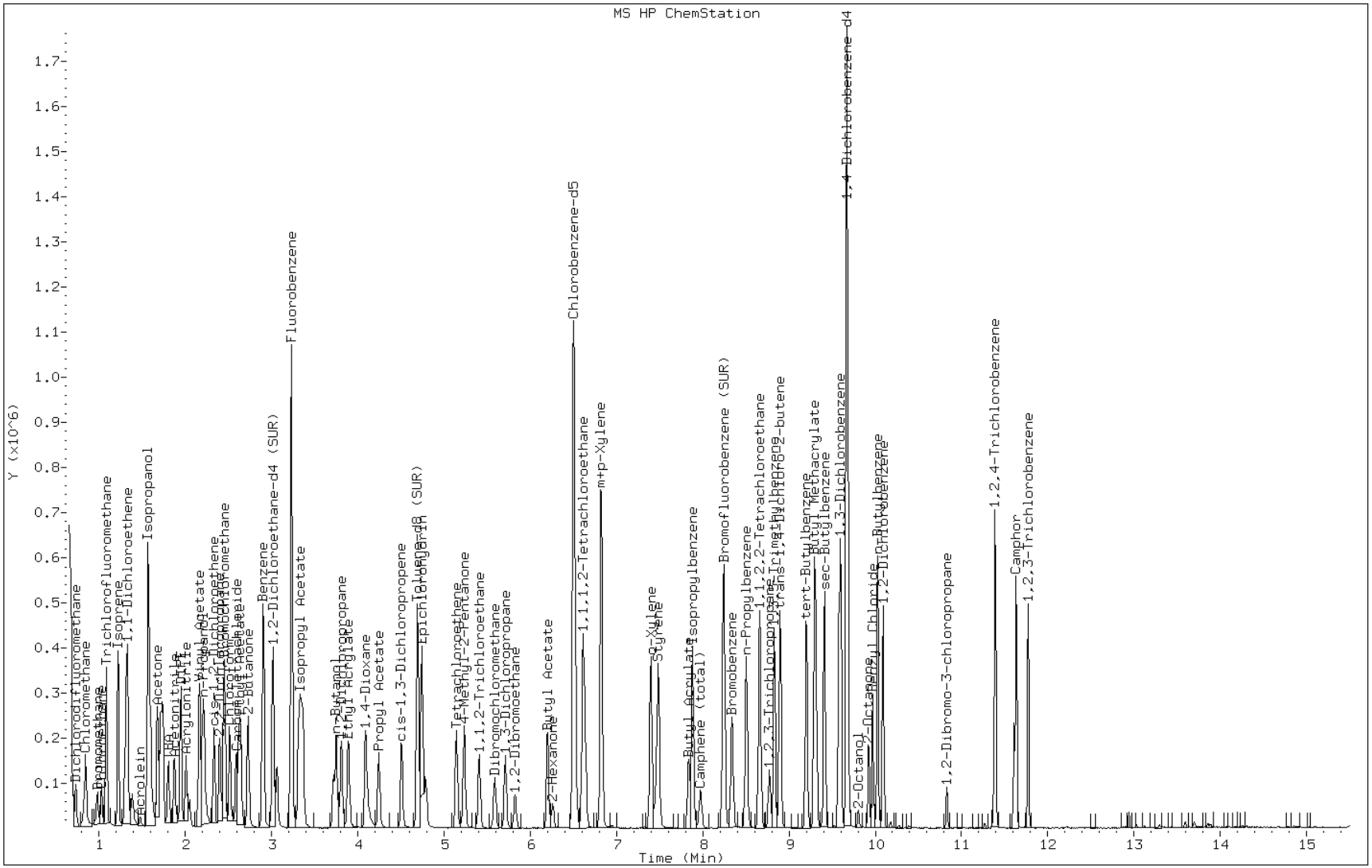
R - Spike/Surrogate failed recovery limits.

Data File: p30626.d

Date: 31-AUG-2009 12:06

Client ID: EFFLUENT Instrument: VOAMS13.i

Sample Info: 460-5092-B-1 MS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 | Lab Sample ID: 460-4835-6 MSD

Matrix: Water | Lab File ID: p30426.d

Analysis Method: 8260B | Date Collected: 08/18/2009 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 14:10

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	98.1		5.0	1.4
74-87-3	Chloromethane	90.6		5.0	1.0
74-83-9	Bromomethane	81.0		5.0	1.6
75-01-4	Vinyl chloride	102		5.0	0.65
75-00-3	Chloroethane	106		5.0	2.2
75-69-4	Trichlorofluoromethane	98.1		5.0	0.80
76-13-1	Freon TF	87.6		5.0	1.4
75-09-2	Methylene Chloride	89.5		5.0	0.95
67-64-1	Acetone	110		50	12
75-15-0	Carbon disulfide	84.8		5.0	0.75
79-20-9	Methyl acetate	96.5		10	1.6
75-35-4	1,1-Dichloroethene	102		5.0	0.70
75-34-3	1,1-Dichloroethane	86.5		5.0	0.50
156-59-2	cis-1,2-Dichloroethene	89.4		5.0	1.0
156-60-5	trans-1,2-Dichloroethene	90.9		5.0	0.70
1634-04-4	MTBE	93.1		5.0	0.90
67-66-3	Chloroform	99.9		5.0	0.75
107-06-2	1,2-Dichloroethane	92.9		5.0	1.2
78-93-3	2-Butanone	111		50	4.1
71-55-6	1,1,1-Trichloroethane	104		5.0	1.2
110-82-7	Cyclohexane	101		5.0	0.65
56-23-5	Carbon tetrachloride	110		5.0	0.95
75-27-4	Bromodichloromethane	91.3		5.0	0.46
78-87-5	1,2-Dichloropropane	88.7		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	84.4		5.0	0.55
79-01-6	Trichloroethene	93.3		5.0	0.90
108-87-2	Methylcyclohexane	103		5.0	0.45
124-48-1	Dibromochloromethane	90.8		5.0	0.55
79-00-5	1,1,2-Trichloroethane	89.9		5.0	0.50
71-43-2	Benzene	95.4		5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	85.8		5.0	0.60
75-25-2	Bromoform	93.2		5.0	0.50
98-82-8	Isopropylbenzene	156		5.0	1.0
108-10-1	4-Methyl-2-pentanone	92.5		50	3.4
591-78-6	2-Hexanone	92.4		50	2.8
127-18-4	Tetrachloroethene	94.5		5.0	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 | Lab Sample ID: 460-4835-6 MSD

Matrix: Water | Lab File ID: p30426.d

Analysis Method: 8260B | Date Collected: 08/18/2009 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2009 14:10

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 14918 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	291		5.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	92.2		5.0	0.45
108-90-7	Chlorobenzene	89.1		5.0	0.80
100-41-4	Ethylbenzene	549		5.0	1.2
1330-20-7	Xylenes, Total	1480		15	2.2
100-42-5	Styrene	88.7		5.0	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	93.6		5.0	0.75
541-73-1	1,3-Dichlorobenzene	90.4		5.0	1.1
106-46-7	1,4-Dichlorobenzene	89.4		5.0	0.75
95-50-1	1,2-Dichlorobenzene	89.6		5.0	0.80
120-82-1	1,2,4-Trichlorobenzene	93.2		5.0	2.2
106-93-4	1,2-Dibromoethane	88.0		5.0	0.45

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98	56-125	
2037-26-5	Toluene-d8 (Surr)	96	72-127	
460-00-4	Bromofluorobenzene	108	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30426.d
Report Date: 21-Aug-2009 14:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30426.d
Lab Smp Id: 460-4835-C-6MSD
Inj Date : 21-AUG-2009 14:10
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4835-C-6MSD;5
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/8260_09.m
Meth Date : 21-Aug-2009 08:28 desais Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 15 QC Sample: MSD
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.728	0.735	(0.225)	68333	19.6175	98
3 Chloromethane	50	0.828	0.835	(0.257)	82788	18.1130	90
4 Vinyl Chloride	62	0.842	0.842	(0.261)	98247	20.4870	100
6 Bromomethane	94	0.978	0.978	(0.303)	40796	16.2072	81
5 Chloroethane	64	1.029	1.029	(0.319)	57739	21.2295	110
7 Trichlorofluoromethane	101	1.086	1.086	(0.336)	124146	19.6112	98
10 Isoprene	67	1.215	1.215	(0.376)	109043	17.4339	87
11 Ethyl Ether	59	1.222	1.222	(0.379)	62651	18.1770	91
13 Acrolein	56	1.480	1.480	(0.458)	10705	30.5394	150
15 1,1-Dichloroethene	96	1.315	1.315	(0.407)	66352	20.4047	100
14 Freon TF	101	1.329	1.329	(0.412)	69730	17.5163	88
16 Acetone	58	1.630	1.630	(0.505)	6386	21.9679	110
18 Carbon Disulfide	76	1.322	1.322	(0.410)	238239	16.9648	85
19 Isopropanol	45	1.566	1.573	(0.485)	624142	2883.92	14000
21 Acetonitrile	39	1.874	1.874	(0.581)	30128	362.380	1800
27 Methyl Acetate	74	1.688	1.688	(0.523)	23470	19.2979	96

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30426.d
Report Date: 21-Aug-2009 14:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	81561	17.8957	89
	24 TBA	59	1.802	1.809	(0.558)	125871	402.814	2000
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	79983	18.1772	91
	26 Acrylonitrile	53	2.046	2.046	(0.634)	28354	19.6262	98
	28 MTBE	73	1.738	1.738	(0.538)	224672	18.6222	93
	29 Hexane	56	1.716	1.716	(0.532)	63910	18.1100	90
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	140536	17.3091	86
	32 DIPE	45	1.945	1.953	(0.603)	302409	21.2042	110
	34 n-Propanol	60	2.218	2.225	(0.687)	41513	3093.45	15000
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	249514	18.6137	93
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	115116	16.8318	84
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	86797	17.8867	89
	38 2-Butanone	72	2.741	2.741	(0.849)	12189	22.1209	110
	39 Ethyl Acetate	70	2.619	2.626	(0.811)	17142	46.7241	230
	40 Bromochloromethane	128	2.461	2.461	(0.763)	41530	20.0771	100
	41 Tetrahydrofuran	42	2.626	2.626	(0.814)	27177	20.8108	100
	42 Chloroform	83	2.511	2.511	(0.778)	140285	19.9784	100
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	123852	20.7500	100
	44 Cyclohexane	56	2.447	2.447	(0.758)	143428	20.2275	100
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	106907	21.9929	110
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	109913	19.8553	99
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	110565	48.8245	49
	48 Benzene	78	2.905	2.905	(0.447)	348114	19.0873	95
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	97438	18.5790	93
	51 n-Heptane	57	2.898	2.898	(0.898)	42995	16.7769	84
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	204000	19.0862	95
	61 Isopropyl Acetate	43	3.314	3.314	(1.027)	219910	37.8190	190
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	932066	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	76685	18.6673	93
	53 n-Butanol	56	3.751	3.751	(1.162)	107242	1495.70	7500
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	135127	20.5758	100
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	76944	19.7283	99
	57 1,2-Dichloropropane	63	3.808	3.815	(1.180)	75346	17.7456	89
	58 Dibromomethane	93	3.715	3.715	(1.151)	42630	18.7932	94
	60 1,4-Dioxane	88	4.094	4.101	(1.269)	125884	3117.43	16000
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	19351	19.2791	96
	75 Propyl Acetate	43	4.245	4.245	(1.315)	154448	35.9814	180
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	98006	18.2646	91
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	101328	296.304	1500
	67 cis-1,3-Dichloropropene	75	4.510	4.510	(0.694)	122301	16.8789	84
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	54522	18.5004	92
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	413379	48.2220	48
	66 Toluene	91	4.746	4.746	(0.730)	1070134	58.2306	290(R)
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	110372	17.1676	86
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	53882	17.9785	90
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	82398	18.9047	94
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	110788	17.3336	87

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30426.d
Report Date: 21-Aug-2009 14:40

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	73	2-Hexanone	43	6.258	6.258	(0.963)	40745	18.4700	92
	74	Dibromochloromethane	129	5.591	5.591	(0.860)	73112	18.1647	91
	76	Butyl Acetate	73	6.200	6.200	(0.954)	32980	38.3483	190
	77	1,2-Dibromoethane	107	5.821	5.828	(0.895)	62453	17.5980	88
*	78	Chlorobenzene-d5	117	6.501	6.501	(1.000)	694023	50.0000	
	79	Chlorobenzene	112	6.523	6.523	(1.003)	218998	17.8217	89
	80	1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	73338	18.4319	92
	81	Ethylbenzene	106	6.616	6.616	(1.018)	709613	109.801	550(R)
	82	m+p-Xylene	106	6.823	6.823	(1.050)	1959609	241.389	1200(R)
	84	o-Xylene	106	7.396	7.396	(1.138)	398673	51.5496	260(R)
	85	Styrene	104	7.482	7.482	(1.151)	240119	17.7362	89
	83	Butyl Acrylate	73	7.833	7.833	(1.205)	51403	19.9278	100
	86	Bromoform	173	7.454	7.454	(1.147)	45351	18.6409	93
	88	Isopropylbenzene	105	7.884	7.884	(1.213)	586911	31.2843	160(R)
$	89	Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	280849	54.2436	54
	90	Camphene (total)	93	7.977	7.977	(1.227)	42621	6.87351	34(R)
	91	Bromobenzene	156	8.342	8.342	(0.862)	93403	17.9166	90
	92	1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	78459	18.4431	92
	93	1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	23869	19.6955	98
	94	trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	24480	17.6961	88
	95	n-Propylbenzene	91	8.507	8.507	(0.879)	552293	23.4052	120
	96	2-Chlorotoluene	91	8.657	8.657	(0.895)	263848	18.3504	92
	97	1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	314237	19.2844	96
	98	4-Chlorotoluene	91	8.901	8.894	(0.920)	283154	18.1051	90
	99	Butyl Methacrylate	87	9.316	9.316	(0.963)	100445	20.1738	100
	100	tert-Butylbenzene	119	9.202	9.202	(0.951)	274140	19.3516	97
	101	1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	336537	19.6558	98
	102	2-Octanone	43	9.925	9.925	(1.026)	85187	17.4265	87
	103	sec-Butylbenzene	105	9.409	9.409	(0.973)	402600	19.3269	97
	104	2-Octanol	45	9.803	9.803	(1.013)	18961	16.0689	80
	105	1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	186695	18.0874	90
	107	p-Isopropyltoluene	119	9.603	9.603	(0.993)	345696	18.9354	95
*	108	1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	371655	50.0000	
	109	1,4-Dichlorobenzene	146	9.689	9.689	(1.001)	191159	17.8813	89
	110	Benzyl Chloride	91	9.968	9.968	(1.030)	158626	15.8949	79
	106	n-Butylbenzene	91	10.025	10.025	(1.036)	308940	19.0661	95
	111	1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	176293	17.9279	90
	112	1,2-Dibromo-3-chloropropane	75	10.828	10.835	(1.119)	16222	18.7173	94
	113	Camphor	95	11.608	11.608	(1.200)	44357	95.5901	480
	114	1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	132315	18.6308	93
	115	Hexachlorobutadiene	225	11.393	11.401	(1.178)	45715	18.0102	90
	116	Naphthalene	128	11.637	11.637	(1.203)	345317	21.1215	100
	117	1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	117948	19.6020	98
M	120	1,2-Dichloroethene (Total)	100				166781	36.0497	180
M	121	Xylene (Total)	100				2358283	295.156	1500(R)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b/p30426.d
Report Date: 21-Aug-2009 14:40

QC Flag Legend

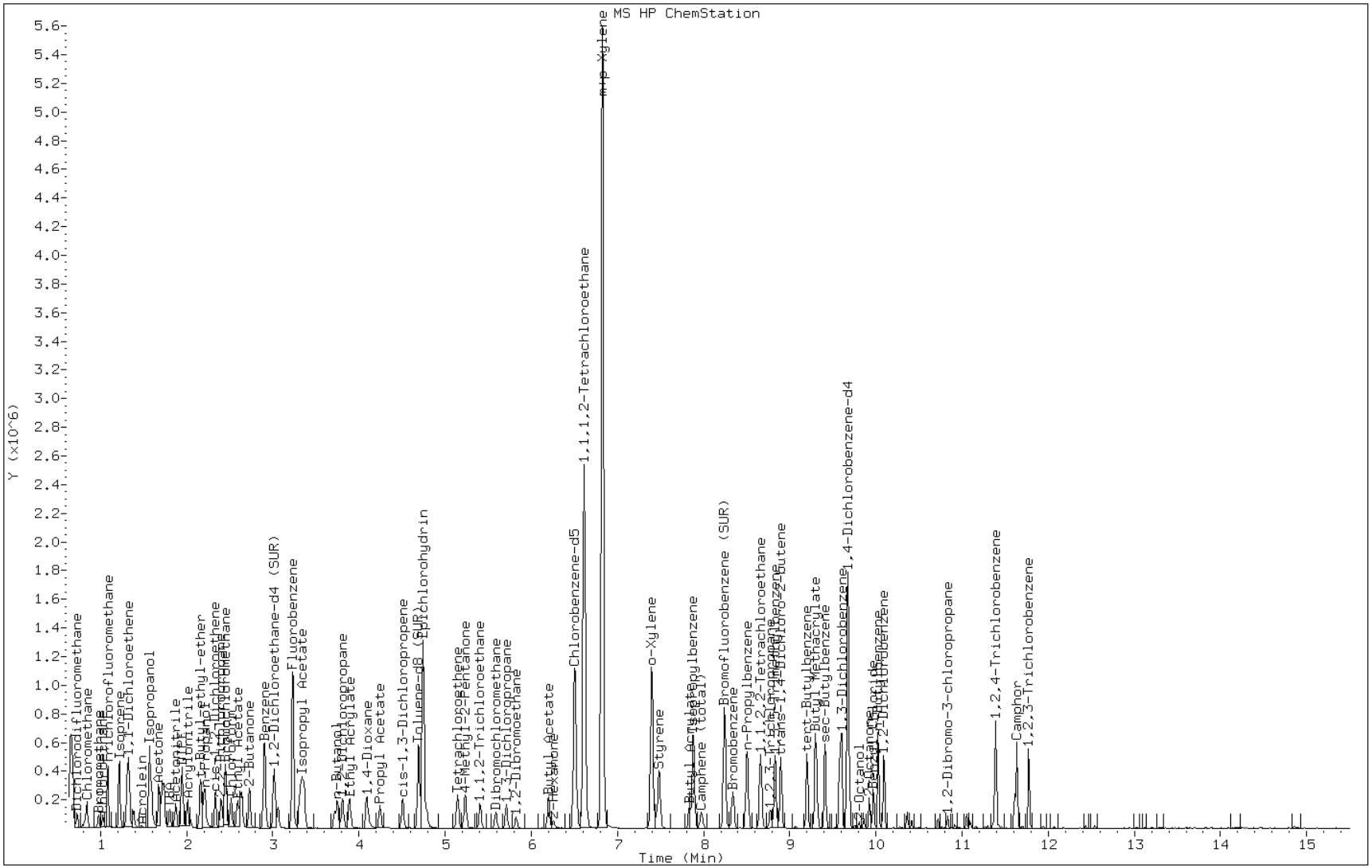
R - Spike/Surrogate failed recovery limits.

Data File: p30426.d

Date: 21-AUG-2009 14:10

Client ID: Instrument: VOAMS13.i

Sample Info: 460-4835-C-6MSD;5 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4 MSD

Matrix: Water | Lab File ID: p30451.d

Analysis Method: 8260B | Date Collected: 08/19/2009 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 13:09

Soil Aliquot Vol: | Dilution Factor: 25

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	559		25	7.2
74-87-3	Chloromethane	478		25	5.2
74-83-9	Bromomethane	468		25	7.8
75-01-4	Vinyl chloride	527		25	3.2
75-00-3	Chloroethane	557		25	11
75-69-4	Trichlorofluoromethane	578		25	4.0
76-13-1	Freon TF	430		25	7.0
75-09-2	Methylene Chloride	432		25	4.8
67-64-1	Acetone	611		250	62
75-15-0	Carbon disulfide	389		25	3.8
79-20-9	Methyl acetate	512		50	8.2
75-35-4	1,1-Dichloroethene	491		25	3.5
75-34-3	1,1-Dichloroethane	421		25	2.5
156-59-2	cis-1,2-Dichloroethene	446		25	5.0
156-60-5	trans-1,2-Dichloroethene	429		25	3.5
1634-04-4	MTBE	510		25	4.5
67-66-3	Chloroform	491		25	3.8
107-06-2	1,2-Dichloroethane	466		25	6.0
78-93-3	2-Butanone	621		250	20
71-55-6	1,1,1-Trichloroethane	518		25	6.2
110-82-7	Cyclohexane	473		25	3.2
56-23-5	Carbon tetrachloride	542		25	4.8
75-27-4	Bromodichloromethane	453		25	2.3
78-87-5	1,2-Dichloropropane	442		25	2.2
10061-01-5	cis-1,3-Dichloropropene	426		25	2.8
79-01-6	Trichloroethene	458		25	4.5
108-87-2	Methylcyclohexane	568		25	2.2
124-48-1	Dibromochloromethane	453		25	2.8
79-00-5	1,1,2-Trichloroethane	524		25	2.5
71-43-2	Benzene	435		25	3.2
10061-02-6	trans-1,3-Dichloropropene	446		25	3.0
75-25-2	Bromoform	488		25	2.5
98-82-8	Isopropylbenzene	517		25	5.2
108-10-1	4-Methyl-2-pentanone	477		250	17
591-78-6	2-Hexanone	494		250	14
127-18-4	Tetrachloroethene	476		25	5.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4 MSD

Matrix: Water | Lab File ID: p30451.d

Analysis Method: 8260B | Date Collected: 08/19/2009 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/24/2009 13:09

Soil Aliquot Vol: | Dilution Factor: 25

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15029 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5260		25	2.2
79-34-5	1,1,2,2-Tetrachloroethane	484		25	2.2
108-90-7	Chlorobenzene	453		25	4.0
100-41-4	Ethylbenzene	1050		25	6.2
1330-20-7	Xylenes, Total	4590		75	11
100-42-5	Styrene	447		25	3.2
96-12-8	1,2-Dibromo-3-Chloropropane	499		25	3.8
541-73-1	1,3-Dichlorobenzene	450		25	5.5
106-46-7	1,4-Dichlorobenzene	446		25	3.8
95-50-1	1,2-Dichlorobenzene	453		25	4.0
120-82-1	1,2,4-Trichlorobenzene	494		25	11
106-93-4	1,2-Dibromoethane	455		25	2.2

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	56-125	
2037-26-5	Toluene-d8 (Surr)	97	72-127	
460-00-4	Bromofluorobenzene	111	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30451.d
Report Date: 25-Aug-2009 08:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30451.d
Lab Smp Id: 460-4869-F-4MSD
Inj Date : 24-AUG-2009 13:09
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4869-F-4MSD;25
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/8260_09.m
Meth Date : 24-Aug-2009 08:07 moroneyc Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 7 QC Sample: MSD
Dil Factor: 25.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.735	(0.228)	73935	22.3486	560
3 Chloromethane	50	0.835	0.835	(0.259)	82959	19.1109	480
4 Vinyl Chloride	62	0.842	0.842	(0.261)	96013	21.0805	530
6 Bromomethane	94	0.978	0.978	(0.303)	44801	18.7255	470
5 Chloroethane	64	1.021	1.028	(0.316)	57556	22.2819	560
7 Trichlorofluoromethane	101	1.079	1.079	(0.334)	139004	23.1202	580
10 Isoprene	67	1.215	1.215	(0.376)	98309	16.5493	410
11 Ethyl Ether	59	1.222	1.222	(0.379)	58559	17.8885	450
13 Acrolein	56	1.480	1.480	(0.458)	11427	34.3865	860
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	60716	19.6595	490
14 Freon TF	101	1.329	1.329	(0.412)	64975	17.1852	430
16 Acetone	58	1.623	1.630	(0.503)	6745	24.4339	610
18 Carbon Disulfide	76	1.322	1.322	(0.410)	207623	15.5669	390
19 Isopropanol	45	1.580	1.580	(0.490)	661416	3217.85	80000
21 Acetonitrile	39	1.874	1.874	(0.581)	29782	377.172	9400
27 Methyl Acetate	74	1.688	1.695	(0.523)	23644	20.4696	510

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30451.d
Report Date: 25-Aug-2009 08:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	74825	17.2864	430
	24 TBA	59	1.809	1.809	(0.561)	139886	471.349	12000
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	71639	17.1424	430
	26 Acrylonitrile	53	2.046	2.053	(0.634)	20649	15.0491	380
	28 MTBE	73	1.738	1.738	(0.538)	233758	20.4005	510
	29 Hexane	56	1.709	1.716	(0.530)	60243	17.9740	450
	30 1,1-Dichloroethane	63	2.010	2.010	(0.623)	129860	16.8405	420
	32 DIPE	45	1.945	1.953	(0.603)	227326	16.7829	420
	34 n-Propanol	60	2.225	2.225	(0.689)	41919	3288.94	82000
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	230900	18.1365	450
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	116843	17.9883	450
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	82227	17.8416	450
	38 2-Butanone	72	2.740	2.740	(0.849)	13000	24.8426	620
	39 Ethyl Acetate	70	2.619	2.619	(0.811)	15553	44.6358	1100
	40 Bromochloromethane	128	2.461	2.461	(0.763)	38589	19.6426	490
	41 Tetrahydrofuran	42	2.626	2.626	(0.814)	27145	21.8861	550
	42 Chloroform	83	2.511	2.518	(0.778)	130917	19.6307	490
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	117408	20.7111	520
	44 Cyclohexane	56	2.447	2.447	(0.758)	127531	18.9372	470
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	100153	21.6936	540
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	104175	19.8143	500
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	104171	48.4347	48
	48 Benzene	78	2.905	2.905	(0.447)	305203	17.4081	440
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	92785	18.6279	460
	51 n-Heptane	57	2.891	2.898	(0.896)	45317	18.6271	460
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	198770	19.5809	490
	61 Isopropyl Acetate	43	3.314	3.313	(1.027)	223457	40.4623	1000
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	885228	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	71434	18.3092	460
	53 n-Butanol	56	3.758	3.758	(1.164)	116044	1704.09	43000
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	141738	22.7244	570
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	75712	20.4394	510
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	71244	17.6674	440
	58 Dibromomethane	93	3.715	3.715	(1.151)	42134	19.5571	490
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	133056	3469.37	87000
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	19976	20.9542	520
	75 Propyl Acetate	43	4.245	4.245	(1.315)	159937	39.2316	980
	68 Bromodichloromethane	83	3.887	3.887	(1.204)	92265	18.1044	450
	62 2-Chloroethyl Vinyl Ether	63	4.488	4.488	(1.391)	13939	6.10291	150(R)
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	120532	366.649	9200
	67 cis-1,3-Dichloropropene	75	4.510	4.510	(0.694)	118784	17.0536	430
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	54036	19.0737	480
$	65 Toluene-d8 (SUR)	98	4.689	4.696	(0.721)	399978	48.5370	48
	66 Toluene	91	4.746	4.746	(0.730)	3717908	210.452	5300(R)
	64 trans-1,3-Dichloropropene	75	5.233	5.240	(0.805)	110374	17.8592	450
	69 1,1,2-Trichloroethane	83	5.405	5.412	(0.831)	60364	20.9521	520
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	79848	19.0572	480

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30451.d
Report Date: 25-Aug-2009 08:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	107212	17.4494	440
	73 2-Hexanone	43	6.258	6.258	(0.963)	41880	19.7492	490
	74 Dibromochloromethane	129	5.591	5.591	(0.860)	70164	18.1341	450
	76 Butyl Acetate	73	6.200	6.200	(0.954)	32968	39.8778	1000
	77 1,2-Dibromoethane	107	5.828	5.828	(0.896)	62064	18.1924	450
*	78 Chlorobenzene-d5	117	6.501	6.501	(1.000)	667164	50.0000	
	79 Chlorobenzene	112	6.523	6.523	(1.003)	213923	18.1096	450
	80 1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	69486	18.1667	450
	81 Ethylbenzene	106	6.609	6.609	(1.017)	261140	42.0339	1000(R)
	82 m+p-Xylene	106	6.823	6.823	(1.050)	1000809	128.245	3200(R)
	84 o-Xylene	106	7.396	7.396	(1.138)	410227	55.1790	1400(R)
	85 Styrene	104	7.482	7.490	(1.151)	232585	17.8713	450
	83 Butyl Acrylate	73	7.833	7.833	(1.205)	48044	19.3755	480
	86 Bromoform	173	7.454	7.454	(1.147)	45661	19.5238	490
	88 Isopropylbenzene	105	7.884	7.884	(1.213)	373135	20.6900	520
$	89 Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	280517	55.4119	55
	90 Camphene (total)	93	7.977	7.977	(1.227)	117726	19.7499	490
	91 Bromobenzene	156	8.342	8.342	(0.862)	91262	17.9041	450
	92 1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	80448	19.3408	480
	93 1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	24248	20.4632	510
	94 trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	24695	18.2574	460
	95 n-Propylbenzene	91	8.507	8.507	(0.879)	435058	18.8564	470
	96 2-Chlorotoluene	91	8.657	8.657	(0.895)	256864	18.2710	460
	97 1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	320609	20.1230	500
	98 4-Chlorotoluene	91	8.901	8.901	(0.920)	272643	17.8295	440
	99 Butyl Methacrylate	87	9.316	9.316	(0.963)	101478	20.8450	520
	100 tert-Butylbenzene	119	9.202	9.202	(0.951)	265074	19.1373	480
	101 1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	444077	26.5267	660(R)
	102 2-Octanone	43	9.925	9.925	(1.026)	84655	17.7116	440
	103 sec-Butylbenzene	105	9.409	9.409	(0.973)	399948	19.6363	490
	104 2-Octanol	45	9.803	9.803	(1.013)	22323	19.3484	480
	105 1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	181567	17.9908	450
	107 p-Isopropyltoluene	119	9.603	9.603	(0.993)	365185	20.4579	510
*	108 1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	363389	50.0000	
	109 1,4-Dichlorobenzene	146	9.689	9.689	(1.001)	186432	17.8358	440
	110 Benzyl Chloride	91	9.968	9.968	(1.030)	225850	23.1457	580
	106 n-Butylbenzene	91	10.025	10.025	(1.036)	405371	25.5863	640
	111 1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	174245	18.1227	450
	112 1,2-Dibromo-3-chloropropane	75	10.828	10.828	(1.119)	16897	19.9452	500
	113 Camphor	95	11.608	11.608	(1.200)	51271	113.003	2800
	114 1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	137246	19.7647	490
	115 Hexachlorobutadiene	225	11.401	11.401	(1.178)	48864	19.6888	490
	116 Naphthalene	128	11.637	11.637	(1.203)	3370623	218.675	5500(R)
	117 1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	123247	20.9526	520
M	120 1,2-Dichloroethene (Total)	100				153867	35.0181	880
M	121 Xylene (Total)	100				1411036	183.711	4600(R)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b/p30451.d
Report Date: 25-Aug-2009 08:14

QC Flag Legend

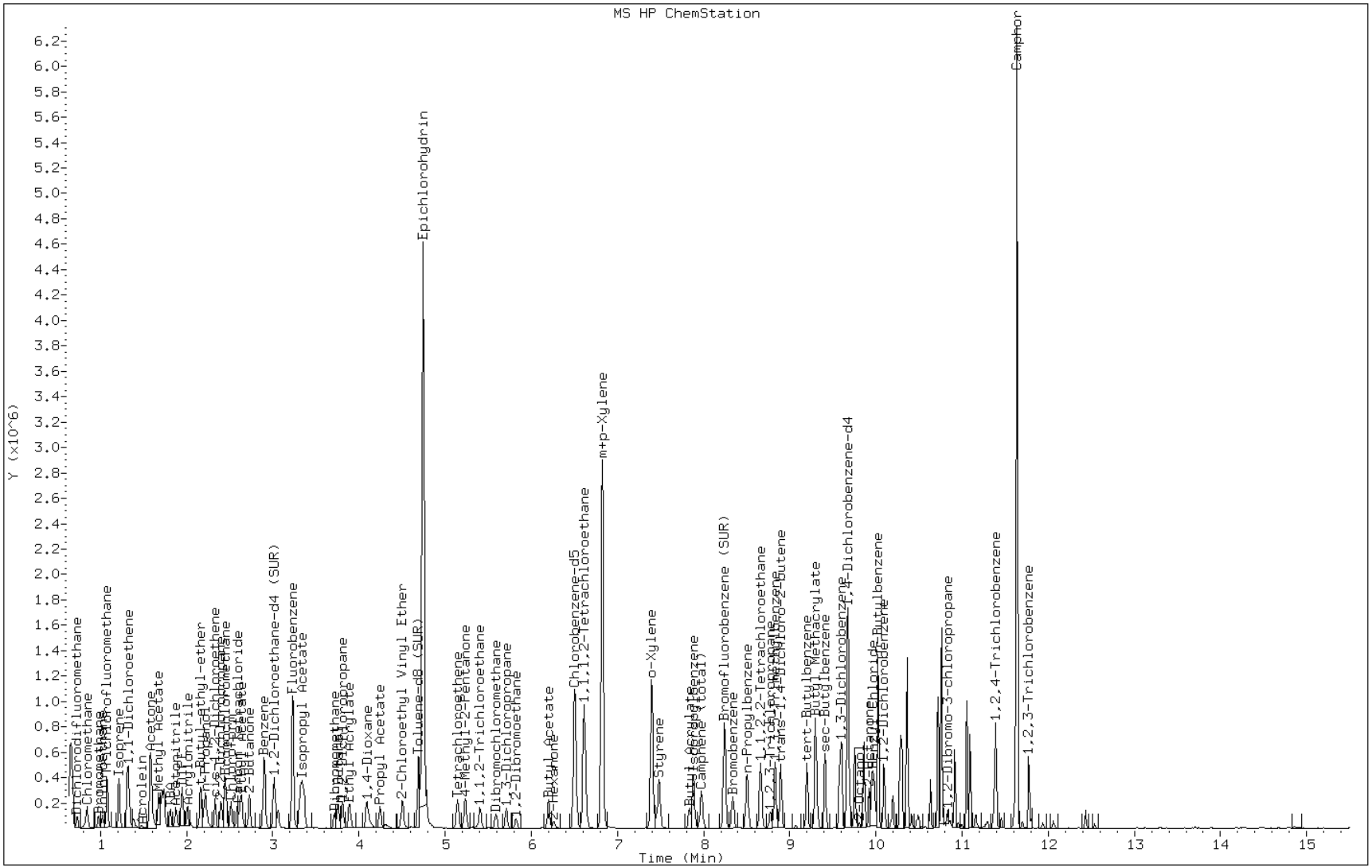
R - Spike/Surrogate failed recovery limits.

Data File: p30451.d

Date: 24-AUG-2009 13:09

Client ID: Instrument: VOAMS13.i

Sample Info: 460-4869-F-4MSD;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-4928-C-5 MSD

Matrix: Water | Lab File ID: p30500.d

Analysis Method: 8260B | Date Collected: 08/19/2009 13:17

Sample wt/vol: 5(mL) | Date Analyzed: 08/26/2009 01:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15245 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	24.6		1.0	0.29
74-87-3	Chloromethane	19.9		1.0	0.21
74-83-9	Bromomethane	15.9		1.0	0.31
75-01-4	Vinyl chloride	22.4		1.0	0.13
75-00-3	Chloroethane	26.3		1.0	0.45
75-69-4	Trichlorofluoromethane	24.4		1.0	0.16
76-13-1	Freon TF	18.6		1.0	0.28
75-09-2	Methylene Chloride	18.9		1.0	0.19
67-64-1	Acetone	28.2		10	2.5
75-15-0	Carbon disulfide	16.3		1.0	0.15
79-20-9	Methyl acetate	22.3		2.0	0.33
75-35-4	1,1-Dichloroethene	21.0		1.0	0.14
75-34-3	1,1-Dichloroethane	17.9		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	19.4		1.0	0.14
1634-04-4	MTBE	21.0		1.0	0.18
67-66-3	Chloroform	21.2		1.0	0.15
107-06-2	1,2-Dichloroethane	20.6		1.0	0.24
78-93-3	2-Butanone	27.8		10	0.82
71-55-6	1,1,1-Trichloroethane	22.5		1.0	0.25
110-82-7	Cyclohexane	19.9		1.0	0.13
56-23-5	Carbon tetrachloride	23.4		1.0	0.19
75-27-4	Bromodichloromethane	19.7		1.0	0.093
78-87-5	1,2-Dichloropropane	19.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	17.9		1.0	0.11
79-01-6	Trichloroethene	20.4		1.0	0.18
108-87-2	Methylcyclohexane	22.3		1.0	0.090
124-48-1	Dibromochloromethane	20.1		1.0	0.11
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.10
71-43-2	Benzene	17.6		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.12
75-25-2	Bromoform	21.3		1.0	0.10
98-82-8	Isopropylbenzene	63.4		1.0	0.21
108-10-1	4-Methyl-2-pentanone	26.1		10	0.68
591-78-6	2-Hexanone	24.8		10	0.55
127-18-4	Tetrachloroethene	20.8		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-4928-C-5 MSD

Matrix: Water | Lab File ID: p30500.d

Analysis Method: 8260B | Date Collected: 08/19/2009 13:17

Sample wt/vol: 5(mL) | Date Analyzed: 08/26/2009 01:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15245 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	216		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.0	0.090
108-90-7	Chlorobenzene	20.6		1.0	0.16
100-41-4	Ethylbenzene	147		1.0	0.25
1330-20-7	Xylenes, Total	564		3.0	0.43
100-42-5	Styrene	19.4		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.3		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.1		1.0	0.15
95-50-1	1,2-Dichlorobenzene	20.4		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.44
106-93-4	1,2-Dibromoethane	19.3		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	56-125	
2037-26-5	Toluene-d8 (Surr)	94	72-127	
460-00-4	Bromofluorobenzene	108	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30500.d
Report Date: 26-Aug-2009 09:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30500.d
Lab Smp Id: 460-4928-C-5 MSD Client Smp ID: 20090819MW-10V12.25
Inj Date : 26-AUG-2009 01:33
Operator : Inst ID: VOAMS13.i
Smp Info : 460-4928-C-5 MSD
Misc Info : 460-4928-C-5 MSD
Comment   :
Method   : /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/8260_09.m
Meth Date : 25-Aug-2009 22:40 ken Quant Type: ISTD
Cal Date : 14-AUG-2009 23:58 Cal File: p30268.d
Als bottle: 8 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.735	0.728	(0.228)	79349	24.5553	24
3 Chloromethane	50	0.835	0.828	(0.259)	84488	19.9255	20
4 Vinyl Chloride	62	0.842	0.842	(0.261)	99863	22.4469	22
6 Bromomethane	94	0.978	0.978	(0.303)	37227	15.9436	16
5 Chloroethane	64	1.021	1.021	(0.316)	66429	26.3282	26
7 Trichlorofluoromethane	101	1.071	1.079	(0.332)	143484	24.4326	24
10 Isoprene	67	1.208	1.215	(0.374)	102818	17.7197	18
11 Ethyl Ether	59	1.222	1.222	(0.379)	61123	19.1155	19
13 Acrolein	56	1.473	1.480	(0.456)	15270	47.3187	47
15 1,1-Dichloroethene	96	1.308	1.308	(0.405)	63473	21.0405	21
14 Freon TF	101	1.329	1.329	(0.412)	68811	18.6324	19
16 Acetone	58	1.630	1.630	(0.505)	7616	28.2430	28
18 Carbon Disulfide	76	1.322	1.322	(0.410)	212795	16.3339	16
19 Isopropanol	45	1.580	1.580	(0.490)	743519	3703.26	3700
21 Acetonitrile	39	1.874	1.874	(0.581)	32673	423.611	420
27 Methyl Acetate	74	1.687	1.687	(0.523)	25205	22.3399	22

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30500.d
Report Date: 26-Aug-2009 09:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	80038	18.9302	19
	24 TBA	59	1.809	1.809	(0.561)	152089	524.647	520(R)
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	79099	19.3771	19
	26 Acrylonitrile	53	2.046	2.046	(0.634)	29750	22.1971	22
	28 MTBE	73	1.738	1.738	(0.538)	235294	21.0225	21
	29 Hexane	56	1.709	1.709	(0.529)	61280	18.7180	19
	30 1,1-Dichloroethane	63	2.003	2.003	(0.620)	134636	17.8748	18
	32 DIPE	45	1.945	1.945	(0.603)	245685	18.5693	18
	34 n-Propanol	60	2.225	2.225	(0.689)	46059	3699.64	3700
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	251142	20.1953	20
	37 2,2-Dichloropropane	77	2.397	2.397	(0.743)	127318	20.0667	20
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	86537	19.2229	19
	38 2-Butanone	72	2.740	2.740	(0.849)	14198	27.7766	28(R)
	39 Ethyl Acetate	70	2.626	2.619	(0.814)	16840	49.4771	49
	40 Bromochloromethane	128	2.461	2.461	(0.763)	40922	21.3250	21
	41 Tetrahydrofuran	42	2.619	2.626	(0.811)	31525	26.0215	26(R)
	42 Chloroform	83	2.511	2.511	(0.778)	137899	21.1690	21
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	124454	22.4759	22
	44 Cyclohexane	56	2.447	2.447	(0.758)	130593	19.8527	20
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	105534	23.4026	23
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	106404	20.7193	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.013	3.013	(0.933)	97518	46.4191	46
	48 Benzene	78	2.905	2.905	(0.447)	307447	17.6273	18
	49 1,2-Dichloroethane	62	3.063	3.063	(0.949)	100408	20.6374	21
	51 n-Heptane	57	2.891	2.898	(0.896)	51038	21.4933	21
	50 t-Amyl-methyl-ether	73	3.020	3.020	(0.936)	213100	21.4914	21
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	238295	44.1745	44
*	52 Fluorobenzene	96	3.228	3.228	(1.000)	864679	50.0000	
	54 Trichloroethene	95	3.364	3.364	(1.042)	77775	20.4082	20
	53 n-Butanol	56	3.758	3.758	(1.164)	126319	1899.07	1900
	56 Methyl cyclohexane	83	3.342	3.342	(1.036)	135833	22.2952	22
	55 Ethyl Acrylate	55	3.901	3.901	(1.209)	83032	22.9483	23
	57 1,2-Dichloropropane	63	3.808	3.808	(1.180)	75176	19.0854	19
	58 Dibromomethane	93	3.715	3.715	(1.151)	44155	20.9823	21
	60 1,4-Dioxane	88	4.101	4.101	(1.271)	142216	3796.35	3800
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	21600	23.1963	23
	75 Propyl Acetate	43	4.245	4.245	(1.315)	178167	44.7419	45
	68 Bromodichloromethane	83	3.887	3.886	(1.204)	98092	19.7053	20
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	111810	341.885	340
	67 cis-1,3-Dichloropropene	75	4.503	4.503	(0.693)	124269	17.9338	18
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	73594	26.1123	26(R)
$	65 Toluene-d8 (SUR)	98	4.689	4.689	(0.721)	384133	46.8565	47
	66 Toluene	91	4.746	4.739	(0.730)	3794376	215.897	220(R)
	64 trans-1,3-Dichloropropene	75	5.233	5.233	(0.805)	115876	18.8469	19
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	52963	18.4790	18
	71 Tetrachloroethene	166	5.147	5.140	(0.792)	86833	20.8321	21
	72 1,3-Dichloropropane	76	5.713	5.713	(0.879)	113439	18.5589	18

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30500.d
Report Date: 26-Aug-2009 09:51

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	73	2-Hexanone	43	6.265	6.257	(0.964)	52293	24.7874	25
	74	Dibromochloromethane	129	5.591	5.591	(0.860)	77457	20.1230	20
	76	Butyl Acetate	73	6.200	6.200	(0.954)	39106	47.5485	48
	77	1,2-Dibromoethane	107	5.828	5.821	(0.896)	65339	19.2518	19
*	78	Chlorobenzene-d5	117	6.501	6.501	(1.000)	663713	50.0000	
	79	Chlorobenzene	112	6.523	6.522	(1.003)	241776	20.5738	20
	80	1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	77003	20.2368	20
	81	Ethylbenzene	106	6.616	6.608	(1.018)	909548	147.165	150(R)
	82	m+p-Xylene	106	6.831	6.823	(1.051)	3570496	459.907	460(R)
	84	o-Xylene	106	7.396	7.396	(1.138)	736258	99.5476	100(R)
	85	Styrene	104	7.482	7.482	(1.151)	251470	19.4228	19
	83	Butyl Acrylate	73	7.833	7.833	(1.205)	56761	23.0095	23
	86	Bromoform	173	7.454	7.454	(1.147)	49457	21.2570	21
	88	Isopropylbenzene	105	7.884	7.883	(1.213)	1137364	63.3938	63(R)
$	89	Bromofluorobenzene (SUR)	174	8.242	8.242	(0.852)	270722	54.1447	54
	90	Camphene (total)	93	7.977	7.977	(1.227)	67925	11.4546	11(R)
	91	Bromobenzene	156	8.342	8.335	(0.862)	97614	19.3893	19
	92	1,1,2,2-Tetrachloroethane	83	8.664	8.657	(0.896)	85793	20.8832	21
	93	1,2,3-Trichloropropane	110	8.772	8.772	(0.907)	26443	22.5942	22
	94	trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	26347	19.7218	20
	95	n-Propylbenzene	91	8.507	8.507	(0.879)	1036593	45.4891	45(R)
	96	2-Chlorotoluene	91	8.657	8.657	(0.895)	266038	19.1598	19
	97	1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	336825	21.4048	21
	98	4-Chlorotoluene	91	8.901	8.901	(0.920)	295090	19.5384	20
	99	Butyl Methacrylate	87	9.316	9.316	(0.963)	109010	22.6716	23
	100	tert-Butylbenzene	119	9.202	9.201	(0.951)	293628	21.4634	21
	101	1,2,4-Trimethylbenzene	105	9.295	9.295	(0.961)	391633	23.6861	24
	102	2-Octanone	43	9.925	9.925	(1.026)	135671	28.7397	29(R)
	103	sec-Butylbenzene	105	9.409	9.409	(0.973)	485380	24.1283	24
	104	2-Octanol	45	9.803	9.803	(1.013)	25952	22.7746	23
	105	1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	191919	19.2539	19
	107	p-Isopropyltoluene	119	9.603	9.603	(0.993)	377240	21.3971	21
*	108	1,4-Dichlorobenzene-d4	152	9.674	9.674	(1.000)	358908	50.0000	
	109	1,4-Dichlorobenzene	146	9.681	9.681	(1.001)	197119	19.0937	19
	110	Benzyl Chloride	91	9.968	9.968	(1.030)	217726	22.5918	22
	106	n-Butylbenzene	91	10.025	10.025	(1.036)	393697	25.1597	25
	111	1,2-Dichlorobenzene	146	10.090	10.090	(1.043)	193968	20.4260	20
	112	1,2-Dibromo-3-chloropropane	75	10.835	10.827	(1.120)	17688	21.1446	21
	113	Camphor	95	11.608	11.608	(1.200)	53491	119.367	120
	114	1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	139367	20.3208	20
	115	Hexachlorobutadiene	225	11.393	11.393	(1.178)	50249	20.4996	20
	116	Naphthalene	128	11.637	11.637	(1.203)	501523	31.8316	32(R)
	117	1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	125662	21.6318	22
M	120	1,2-Dichloroethene (Total)	100				165636	38.5925	38
M	121	Xylene (Total)	100				4306754	563.635	560(R)

Data File: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b/p30500.d
Report Date: 26-Aug-2009 09:51

QC Flag Legend

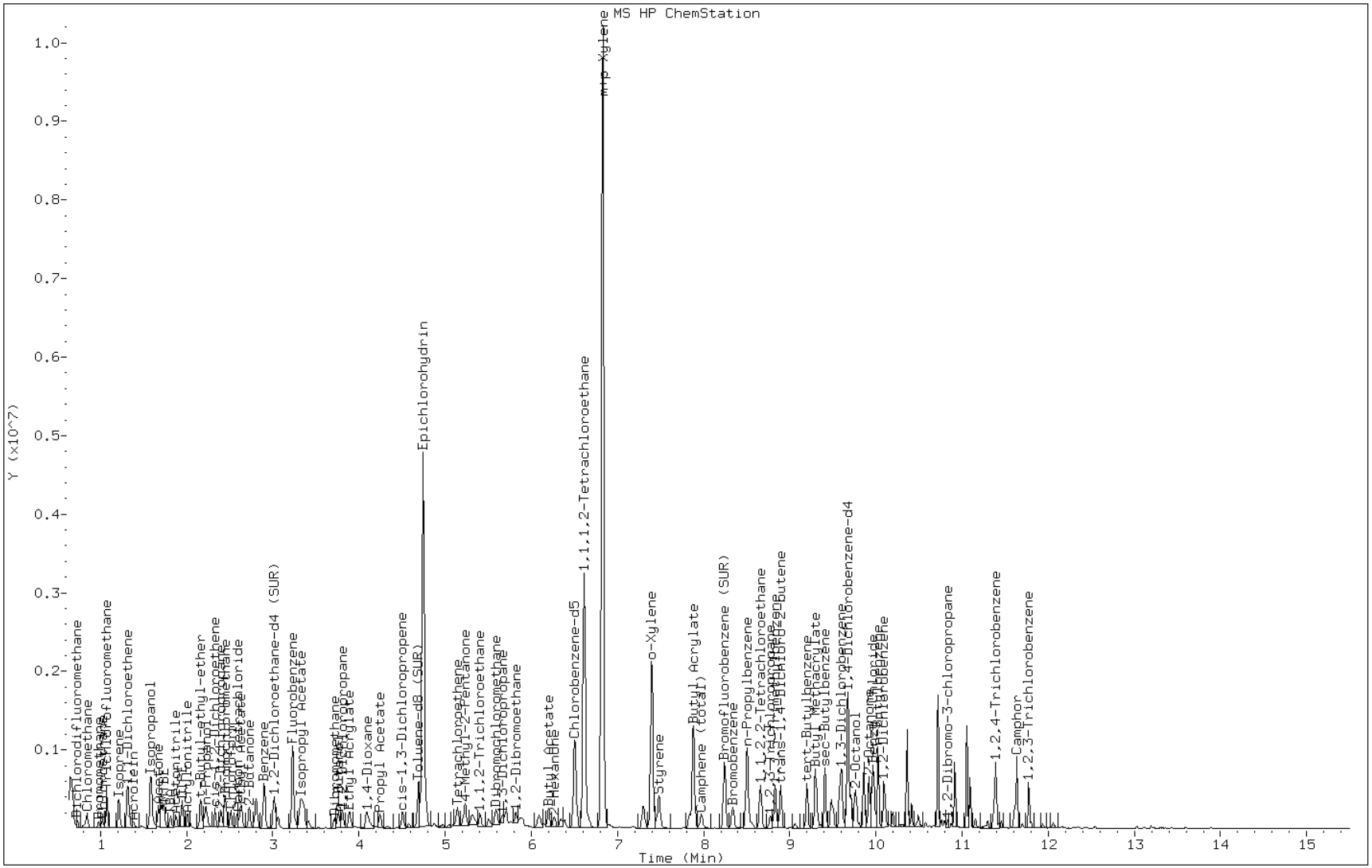
R - Spike/Surrogate failed recovery limits.

Data File: p30500.d

Date: 26-AUG-2009 01:33

Client ID: 20090819MW-10V12.25 Instrument: VOAMS13.i

Sample Info: 460-4928-C-5 MSD Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5074-C-1 MSD

Matrix: Water | Lab File ID: p30575.d

Analysis Method: 8260B | Date Collected: 08/25/2009 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/27/2009 15:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15423 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	22.2		1.0	0.21
74-83-9	Bromomethane	20.0		1.0	0.31
75-01-4	Vinyl chloride	22.8		1.0	0.13
75-00-3	Chloroethane	19.7		1.0	0.45
75-69-4	Trichlorofluoromethane	19.0		1.0	0.16
76-13-1	Freon TF	16.0		1.0	0.28
75-09-2	Methylene Chloride	19.0		1.0	0.19
67-64-1	Acetone	19.7		10	2.5
75-15-0	Carbon disulfide	15.9		1.0	0.15
79-20-9	Methyl acetate	19.2		2.0	0.33
75-35-4	1,1-Dichloroethene	19.4		1.0	0.14
75-34-3	1,1-Dichloroethane	19.0		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.14
1634-04-4	MTBE	18.1		1.0	0.18
67-66-3	Chloroform	19.9		1.0	0.15
107-06-2	1,2-Dichloroethane	18.8		1.0	0.24
78-93-3	2-Butanone	19.2		10	0.82
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.25
110-82-7	Cyclohexane	17.4		1.0	0.13
56-23-5	Carbon tetrachloride	19.7		1.0	0.19
75-27-4	Bromodichloromethane	19.2		1.0	0.093
78-87-5	1,2-Dichloropropane	19.4		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.11
79-01-6	Trichloroethene	18.8		1.0	0.18
108-87-2	Methylcyclohexane	17.2		1.0	0.090
124-48-1	Dibromochloromethane	18.5		1.0	0.11
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.10
71-43-2	Benzene	18.4		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.12
75-25-2	Bromoform	18.8		1.0	0.10
98-82-8	Isopropylbenzene	20.3		1.0	0.21
108-10-1	4-Methyl-2-pentanone	18.2		10	0.68
591-78-6	2-Hexanone	18.4		10	0.55
127-18-4	Tetrachloroethene	19.0		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5074-C-1 MSD

Matrix: Water | Lab File ID: p30575.d

Analysis Method: 8260B | Date Collected: 08/25/2009 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/27/2009 15:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15423 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.7		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	19.7		1.0	0.090
108-90-7	Chlorobenzene	19.0		1.0	0.16
100-41-4	Ethylbenzene	18.9		1.0	0.25
1330-20-7	Xylenes, Total	57.1		3.0	0.43
100-42-5	Styrene	18.3		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		1.0	0.15
541-73-1	1,3-Dichlorobenzene	18.6		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.44
106-93-4	1,2-Dibromoethane	19.3		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102	56-125	
2037-26-5	Toluene-d8 (Surr)	99	72-127	
460-00-4	Bromofluorobenzene	98	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30575.d
Report Date: 27-Aug-2009 15:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30575.d
Lab Smp Id: 460-5074-C-1 MSD Client Smp ID: RW-93-1
Inj Date : 27-AUG-2009 15:12
Operator : Inst ID: VOAMS13.i
Smp Info : 460-5074-C-1 MSD
Misc Info : 460-5074-C-1 MSD
Comment   :
Method   : /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/8260_09.m
Meth Date : 27-Aug-2009 12:59 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 14 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
3 Chloromethane	50	0.827	0.835	(0.256)	75491	22.2369	22
4 Vinyl Chloride	62	0.842	0.842	(0.261)	87198	22.8206	23
6 Bromomethane	94	0.978	0.971	(0.303)	40677	19.9982	20
5 Chloroethane	64	1.028	1.021	(0.319)	52647	19.7263	20
7 Trichlorofluoromethane	101	1.085	1.079	(0.336)	118247	18.9829	19
8 n-Pentane	72	1.078	1.071	(0.334)	9989	14.0052	14
10 Isoprene	67	1.214	1.208	(0.376)	85089	14.7521	15
11 Ethyl Ether	59	1.221	1.222	(0.378)	57802	17.6332	18
13 Acrolein	56	1.479	1.480	(0.458)	10182	36.0036	36
15 1,1-Dichloroethene	96	1.315	1.308	(0.407)	56452	19.3778	19
14 Freon TF	101	1.329	1.329	(0.412)	59807	16.0082	16
16 Acetone	58	1.630	1.630	(0.505)	6467	19.7154	20
18 Carbon Disulfide	76	1.322	1.322	(0.410)	203181	15.9477	16
19 Isopropanol	45	1.565	1.580	(0.485)	615091	3045.20	3000
21 Acetonitrile	39	1.873	1.874	(0.580)	27965	339.628	340
27 Methyl Acetate	74	1.687	1.695	(0.523)	23249	19.2039	19

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30575.d
Report Date: 27-Aug-2009 15:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.594	1.594	(0.494)	73044	19.0436	19
	24 TBA	59	1.802	1.809	(0.558)	127081	361.277	360
	25 trans-1,2-Dichloroethene	96	1.673	1.673	(0.518)	70088	18.3279	18
	26 Acrylonitrile	53	2.045	2.046	(0.634)	22439	18.3325	18
	28 MTBE	73	1.737	1.738	(0.538)	210996	18.1495	18
	29 Hexane	56	1.716	1.709	(0.532)	52751	16.5854	16
	30 1,1-Dichloroethane	63	2.009	2.010	(0.623)	127867	19.0092	19
	31 Vinyl Acetate	43	2.167	2.167	(0.671)	52012	11.5478	12(R)
	32 DIPE	45	1.945	1.945	(0.603)	214318	18.1149	18
	34 n-Propanol	60	2.217	2.225	(0.687)	38660	3101.14	3100
	35 t-Butyl-ethyl-ether	59	2.160	2.160	(0.669)	225784	18.4048	18
	37 2,2-Dichloropropane	77	2.396	2.397	(0.742)	104972	17.7624	18
	36 cis-1,2-Dichloroethene	96	2.332	2.332	(0.723)	79554	18.8057	19
	38 2-Butanone	72	2.740	2.740	(0.849)	12423	19.2074	19
	39 Ethyl Acetate	70	2.618	2.619	(0.811)	14054	34.3226	34
	40 Bromochloromethane	128	2.461	2.461	(0.762)	38130	18.6530	19
	41 Tetrahydrofuran	42	2.625	2.619	(0.814)	26920	18.1120	18
	42 Chloroform	83	2.511	2.511	(0.778)	133630	19.8830	20
	43 1,1,1-Trichloroethane	97	2.640	2.640	(0.818)	115580	19.4519	19
	44 Cyclohexane	56	2.446	2.447	(0.758)	116127	17.3963	17
	45 Carbon Tetrachloride	117	2.590	2.590	(0.802)	97815	19.7473	20
	46 1,1-Dichloropropene	75	2.726	2.726	(0.845)	98529	19.1067	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.012	3.013	(0.933)	134976	51.2247	51
	48 Benzene	78	2.905	2.905	(0.447)	282931	18.4205	18
	49 1,2-Dichloroethane	62	3.062	3.063	(0.949)	93535	18.7725	19
	51 n-Heptane	57	2.898	2.898	(0.898)	37075	16.4659	16
	50 t-Amyl-methyl-ether	73	3.019	3.020	(0.936)	184270	17.8044	18
	61 Isopropyl Acetate	43	3.313	3.313	(1.027)	197240	32.4018	32
*	52 Fluorobenzene	96	3.227	3.228	(1.000)	855621	50.0000	
	54 Trichloroethene	95	3.363	3.364	(1.042)	72694	18.8201	19
	53 n-Butanol	56	3.750	3.758	(1.162)	106330	1575.05	1600
	56 Methyl cyclohexane	83	3.342	3.335	(1.036)	108602	17.2127	17
	55 Ethyl Acrylate	55	3.900	3.901	(1.209)	72987	19.7834	20
	57 1,2-Dichloropropane	63	3.807	3.808	(1.180)	70081	19.4369	19
	58 Dibromomethane	93	3.714	3.715	(1.151)	38950	18.2418	18
	60 1,4-Dioxane	88	4.094	4.101	(1.269)	126411	3105.25	3100
	59 Methyl Methacrylate	100	4.087	4.087	(1.266)	17886	17.1258	17
	75 Propyl Acetate	43	4.244	4.245	(1.315)	135381	32.6077	33
	68 Bromodichloromethane	83	3.886	3.887	(1.204)	93380	19.1844	19
	63 Epichlorohydrin	57	4.789	4.789	(0.737)	41926	138.269	140(R)
	67 cis-1,3-Dichloropropene	75	4.509	4.503	(0.694)	114043	19.1881	19
	70 4-Methyl-2-Pentanone	43	5.226	5.226	(0.804)	49308	18.2359	18
$	65 Toluene-d8 (SUR)	98	4.688	4.689	(0.721)	384422	49.3638	49
	66 Toluene	91	4.746	4.739	(0.730)	324817	18.7378	19
	64 trans-1,3-Dichloropropene	75	5.240	5.240	(0.806)	104358	18.9937	19
	69 1,1,2-Trichloroethane	83	5.405	5.405	(0.831)	48949	19.0887	19
	71 Tetrachloroethene	166	5.147	5.147	(0.792)	73856	18.9720	19

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30575.d
Report Date: 27-Aug-2009 15:39

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	72	1,3-Dichloropropane	76	5.713	5.713	(0.879)	104478	19.2455	19
	73	2-Hexanone	43	6.264	6.258	(0.964)	39039	18.3932	18
	74	Dibromochloromethane	129	5.591	5.584	(0.860)	67521	18.5442	18
	76	Butyl Acetate	73	6.200	6.200	(0.954)	28855	34.5564	34
	77	1,2-Dibromoethane	107	5.820	5.828	(0.895)	60767	19.2700	19
*	78	Chlorobenzene-d5	117	6.501	6.501	(1.000)	650247	50.0000	
	79	Chlorobenzene	112	6.515	6.523	(1.002)	208124	19.0402	19
	80	1,1,1,2-Tetrachloroethane	131	6.637	6.637	(1.021)	67104	18.1668	18
	81	Ethylbenzene	106	6.608	6.609	(1.017)	108765	18.9155	19
	82	m+p-Xylene	106	6.823	6.823	(1.050)	271747	37.9586	38
	84	o-Xylene	106	7.396	7.396	(1.138)	129958	19.1271	19
	85	Styrene	104	7.482	7.482	(1.151)	217695	18.3202	18
	83	Butyl Acrylate	73	7.833	7.833	(1.205)	46114	19.5364	20
	86	Bromoform	173	7.453	7.454	(1.147)	42427	18.7594	19
	88	Isopropylbenzene	105	7.883	7.876	(1.213)	350632	20.3243	20
$	89	Bromofluorobenzene (SUR)	174	8.241	8.242	(0.852)	198150	48.9469	49
	90	Camphene (total)	93	7.976	7.977	(1.227)	22465	3.76491	3.8(R)
	91	Bromobenzene	156	8.341	8.342	(0.862)	87981	18.6968	19
	92	1,1,2,2-Tetrachloroethane	83	8.657	8.657	(0.895)	74814	19.7386	20
	93	1,2,3-Trichloropropane	110	8.771	8.772	(0.907)	22202	18.6293	19
	94	trans-1,4-Dichloro-2-butene	53	8.886	8.886	(0.919)	22578	16.6792	17
	95	n-Propylbenzene	91	8.506	8.507	(0.879)	403959	19.2388	19
	96	2-Chlorotoluene	91	8.657	8.657	(0.895)	243684	19.0282	19
	97	1,3,5-Trimethylbenzene	105	8.829	8.829	(0.913)	287610	19.2008	19
	98	4-Chlorotoluene	91	8.900	8.894	(0.920)	263455	19.0664	19
	99	Butyl Methacrylate	87	9.316	9.316	(0.963)	92063	19.7029	20
	100	tert-Butylbenzene	119	9.201	9.202	(0.951)	258153	19.8793	20
	101	1,2,4-Trimethylbenzene	105	9.294	9.295	(0.961)	298611	19.0808	19
	102	2-Octanone	43	9.925	9.925	(1.026)	79909	15.6521	16
	103	sec-Butylbenzene	105	9.409	9.409	(0.973)	368875	19.2702	19
	104	2-Octanol	45	9.803	9.803	(1.013)	17665	16.1106	16
	105	1,3-Dichlorobenzene	146	9.581	9.581	(0.990)	172055	18.6038	19
	107	p-Isopropyltoluene	119	9.602	9.603	(0.993)	326435	19.5970	20
*	108	1,4-Dichlorobenzene-d4	152	9.674	9.667	(1.000)	356198	50.0000	
	109	1,4-Dichlorobenzene	146	9.688	9.681	(1.001)	187241	19.5910	20
	110	Benzyl Chloride	91	9.967	9.968	(1.030)	148765	16.2665	16
	106	n-Butylbenzene	91	10.025	10.025	(1.036)	286939	19.1076	19
	111	1,2-Dichlorobenzene	146	10.089	10.090	(1.043)	169257	18.8762	19
	112	1,2-Dibromo-3-chloropropane	75	10.827	10.828	(1.119)	16451	19.7165	20
	113	Camphor	95	11.608	11.608	(1.200)	43083	95.9431	96
	114	1,2,4-Trichlorobenzene	180	11.386	11.386	(1.177)	125481	19.3859	19
	115	Hexachlorobutadiene	225	11.400	11.393	(1.178)	45854	20.0183	20
	116	Naphthalene	128	11.636	11.637	(1.203)	315765	20.1343	20
	117	1,2,3-Trichlorobenzene	180	11.773	11.773	(1.217)	112967	19.2582	19
M	120	1,2-Dichloroethene (Total)	100				149642	37.1578	37
M	121	Xylene (Total)	100				401705	57.0807	57

Data File: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b/p30575.d
Report Date: 27-Aug-2009 15:39

QC Flag Legend

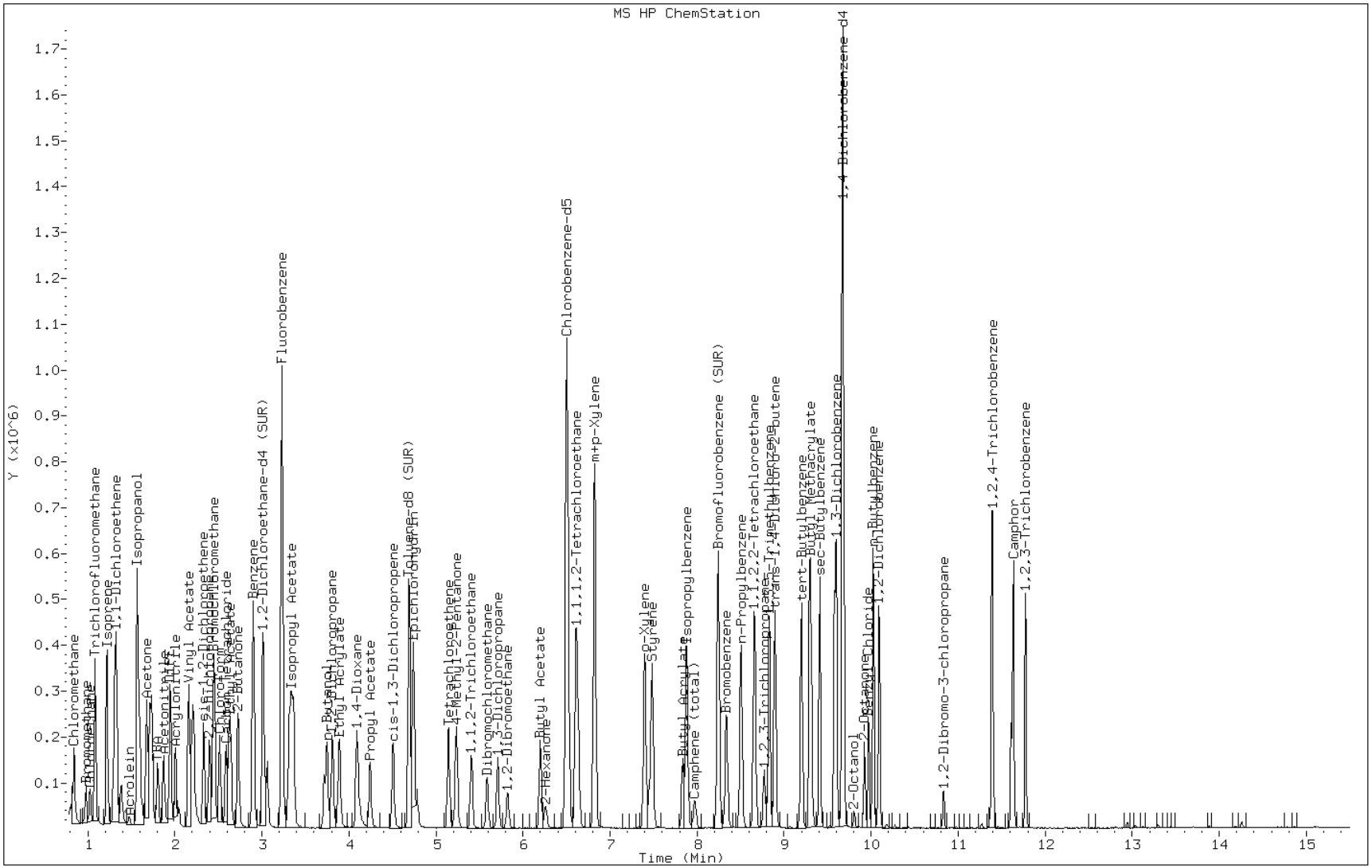
R - Spike/Surrogate failed recovery limits.

Data File: p30575.d

Date: 27-AUG-2009 15:12

Client ID: RW-93-1 Instrument: VOAMS13.i

Sample Info: 460-5074-C-1 MSD Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5002-C-21 MSD

Matrix: Water | Lab File ID: p30595.d

Analysis Method: 8260B | Date Collected: 08/24/2009 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2009 11:32

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15569 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	208		10	2.9
74-87-3	Chloromethane	202		10	2.1
74-83-9	Bromomethane	184		10	3.1
75-01-4	Vinyl chloride	211		10	1.3
75-00-3	Chloroethane	181		10	4.5
75-69-4	Trichlorofluoromethane	187		10	1.6
76-13-1	Freon TF	157		10	2.8
75-09-2	Methylene Chloride	179		10	1.9
67-64-1	Acetone	205		100	25
75-15-0	Carbon disulfide	145		10	1.5
79-20-9	Methyl acetate	182		20	3.3
75-35-4	1,1-Dichloroethene	189		10	1.4
75-34-3	1,1-Dichloroethane	179		10	1.0
156-59-2	cis-1,2-Dichloroethene	179		10	2.0
156-60-5	trans-1,2-Dichloroethene	172		10	1.4
1634-04-4	MTBE	175		10	1.8
67-66-3	Chloroform	190		10	1.5
107-06-2	1,2-Dichloroethane	180		10	2.4
78-93-3	2-Butanone	188		100	8.2
71-55-6	1,1,1-Trichloroethane	188		10	2.5
110-82-7	Cyclohexane	171		10	1.3
56-23-5	Carbon tetrachloride	190		10	1.9
75-27-4	Bromodichloromethane	193		10	0.93
78-87-5	1,2-Dichloropropane	184		10	0.90
10061-01-5	cis-1,3-Dichloropropene	188		10	1.1
79-01-6	Trichloroethene	181		10	1.8
108-87-2	Methylcyclohexane	178		10	0.90
124-48-1	Dibromochloromethane	190		10	1.1
79-00-5	1,1,2-Trichloroethane	186		10	1.0
71-43-2	Benzene	275		10	1.3
10061-02-6	trans-1,3-Dichloropropene	186		10	1.2
75-25-2	Bromoform	192		10	1.0
98-82-8	Isopropylbenzene	195		10	2.1
108-10-1	4-Methyl-2-pentanone	193		100	6.8
591-78-6	2-Hexanone	194		100	5.5
127-18-4	Tetrachloroethene	195		10	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5002-C-21 MSD

Matrix: Water | Lab File ID: p30595.d

Analysis Method: 8260B | Date Collected: 08/24/2009 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2009 11:32

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15569 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	177		10	0.90
79-34-5	1,1,2,2-Tetrachloroethane	203		10	0.90
108-90-7	Chlorobenzene	1920		10	1.6
100-41-4	Ethylbenzene	190		10	2.5
1330-20-7	Xylenes, Total	559		30	4.3
100-42-5	Styrene	180		10	1.3
96-12-8	1,2-Dibromo-3-Chloropropane	193		10	1.5
541-73-1	1,3-Dichlorobenzene	186		10	2.2
106-46-7	1,4-Dichlorobenzene	194		10	1.5
95-50-1	1,2-Dichlorobenzene	216		10	1.6
120-82-1	1,2,4-Trichlorobenzene	186		10	4.4
106-93-4	1,2-Dibromoethane	185		10	0.90

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	56-125	
2037-26-5	Toluene-d8 (Surr)	95	72-127	
460-00-4	Bromofluorobenzene	100	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30595.d
Report Date: 28-Aug-2009 12:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30595.d
Lab Smp Id: 460-5002-C-21MSD
Inj Date : 28-AUG-2009 11:32
Operator : Inst ID: VOAMS13.i
Smp Info : 460-5002-C-21MSD;10
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/8260_09.m
Meth Date : 28-Aug-2009 12:44 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 7 QC Sample: MSD
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	65137	20.8291	210
3 Chloromethane	50	0.830	0.830	(0.257)	70672	20.1734	200
4 Vinyl Chloride	62	0.845	0.845	(0.261)	83186	21.0972	210
6 Bromomethane	94	0.981	0.974	(0.304)	38540	18.3731	180
5 Chloroethane	64	1.024	1.024	(0.317)	49831	18.0938	180
7 Trichlorofluoromethane	101	1.088	1.074	(0.337)	120411	18.7324	190
8 n-Pentane	72	1.081	1.074	(0.335)	9555	12.9823	130(R)
10 Isoprene	67	1.217	1.210	(0.377)	87717	14.7373	150
11 Ethyl Ether	59	1.224	1.224	(0.379)	55912	16.5289	160
13 Acrolein	56	1.475	1.475	(0.457)	10520	36.0512	360
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	56802	18.8949	190
14 Freon TF	101	1.332	1.324	(0.412)	60427	15.6739	160
16 Acetone	58	1.625	1.633	(0.503)	6934	20.4856	200
18 Carbon Disulfide	76	1.324	1.317	(0.410)	190208	14.4676	140
19 Isopropanol	45	1.568	1.575	(0.485)	609600	2924.66	29000
21 Acetonitrile	39	1.869	1.876	(0.579)	29826	351.024	3500

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30595.d
Report Date: 28-Aug-2009 12:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	27 Methyl Acetate	74	1.690	1.690	(0.523)	22789	18.2421	180
	22 Methylene Chloride	84	1.597	1.597	(0.494)	70662	17.8528	180
	24 TBA	59	1.804	1.812	(0.559)	136435	375.873	3800
	25 trans-1,2-Dichloroethene	96	1.675	1.668	(0.519)	67872	17.1995	170
	26 Acrylonitrile	53	2.048	2.048	(0.634)	25435	20.1375	200
	28 MTBE	73	1.740	1.740	(0.539)	209453	17.4594	170
	29 Hexane	56	1.711	1.711	(0.530)	53858	16.4095	160
	30 1,1-Dichloroethane	63	2.012	2.005	(0.623)	124421	17.9247	180
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	54904	11.8131	120(R)
	32 DIPE	45	1.948	1.948	(0.603)	220107	18.0287	180
	34 n-Propanol	60	2.213	2.227	(0.685)	37828	2940.49	29000
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	226832	17.9183	180
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	111227	18.2386	180
	36 cis-1,2-Dichloroethene	96	2.334	2.327	(0.723)	78303	17.9376	180
	38 2-Butanone	72	2.736	2.743	(0.847)	12551	18.8048	190
	39 Ethyl Acetate	70	2.621	2.621	(0.811)	15828	37.4604	370
	40 Bromochloromethane	128	2.456	2.456	(0.760)	38228	18.1227	180
	41 Tetrahydrofuran	42	2.621	2.621	(0.811)	28687	18.7038	190
	42 Chloroform	83	2.514	2.514	(0.778)	131867	19.0138	190
	43 1,1,1-Trichloroethane	97	2.642	2.635	(0.818)	115191	18.7868	190
	44 Cyclohexane	56	2.449	2.442	(0.758)	117598	17.0717	170
	45 Carbon Tetrachloride	117	2.592	2.585	(0.803)	96875	18.9525	190
	46 1,1-Dichloropropene	75	2.728	2.721	(0.845)	97125	18.2518	180
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	126238	46.4267	46
	48 Benzene	78	2.908	2.900	(0.447)	442688	27.4956	270(R)
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	92670	18.0237	180
	51 n-Heptane	57	2.893	2.893	(0.896)	42361	18.2312	180
	50 t-Amyl-methyl-ether	73	3.015	3.015	(0.933)	196278	18.3780	180
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	224069	35.6706	360
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	882933	50.0000	
	54 Trichloroethene	95	3.366	3.366	(1.042)	72223	18.1198	180
	53 n-Butanol	56	3.746	3.753	(1.160)	108244	1556.90	16000
	56 Methyl cyclohexane	83	3.344	3.337	(1.035)	115874	17.7972	180
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	80470	21.1368	210
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	68511	18.4138	180
	58 Dibromomethane	93	3.717	3.717	(1.151)	40890	18.5577	180
	60 1,4-Dioxane	88	4.097	4.097	(1.268)	123341	2936.11	29000
	59 Methyl Methacrylate	100	4.089	4.082	(1.266)	20441	18.9667	190
	75 Propyl Acetate	43	4.240	4.240	(1.313)	164681	38.4379	380
	68 Bromodichloromethane	83	3.889	3.882	(1.204)	96736	19.2591	190
	62 2-Chloroethyl Vinyl Ether	63	4.491	4.491	(1.390)	2272	0.90661	9.1(aR)
	63 Epichlorohydrin	57	4.791	4.784	(0.737)	116431	366.318	3700
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	117092	18.7947	190
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.803)	54747	19.3160	190
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	387572	47.4784	47
	66 Toluene	91	4.741	4.741	(0.729)	322395	17.7424	180
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.805)	107006	18.5797	180

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30595.d
Report Date: 28-Aug-2009 12:46

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	69	1,1,2-Trichloroethane	83	5.407	5.407	(0.831)	49939	18.5788	180
	71	Tetrachloroethene	166	5.142	5.142	(0.791)	79402	19.4582	190
	72	1,3-Dichloropropane	76	5.715	5.708	(0.879)	106424	18.7019	190
	73	2-Hexanone	43	6.260	6.260	(0.963)	43111	19.3773	190
	74	Dibromochloromethane	129	5.594	5.586	(0.860)	72652	19.0355	190
	76	Butyl Acetate	73	6.195	6.203	(0.953)	33492	38.2646	380
	77	1,2-Dibromoethane	107	5.823	5.823	(0.895)	61142	18.4968	180
*	78	Chlorobenzene-d5	117	6.503	6.503	(1.000)	681608	50.0000	
	79	Chlorobenzene	112	6.525	6.518	(1.003)	2204892	192.433	1900(R)
	80	1,1,1,2-Tetrachloroethane	131	6.639	6.632	(1.021)	69440	17.9342	180
	81	Ethylbenzene	106	6.611	6.611	(1.017)	114313	18.9656	190
	82	m+p-Xylene	106	6.826	6.826	(1.050)	280217	37.3409	370
	84	o-Xylene	106	7.399	7.399	(1.138)	132115	18.5500	180
	85	Styrene	104	7.485	7.485	(1.151)	224274	18.0054	180
	83	Butyl Acrylate	73	7.836	7.836	(1.205)	49948	20.1873	200
	86	Bromoform	173	7.456	7.456	(1.146)	45618	19.2422	190
	88	Isopropylbenzene	105	7.879	7.879	(1.211)	352077	19.4692	190
$	89	Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	209038	50.1490	50
	90	Camphene (total)	93	7.972	7.979	(1.226)	103551	16.5552	160
	91	Bromobenzene	156	8.337	8.337	(0.862)	89259	18.4219	180
	92	1,1,2,2-Tetrachloroethane	83	8.659	8.659	(0.896)	79307	20.3212	200
	93	1,2,3-Trichloropropane	110	8.774	8.774	(0.907)	23747	19.3520	190
	94	trans-1,4-Dichloro-2-butene	53	8.889	8.889	(0.919)	24701	17.7219	180
	95	n-Propylbenzene	91	8.502	8.502	(0.879)	410358	18.9806	190
	96	2-Chlorotoluene	91	8.659	8.659	(0.896)	255227	19.3555	190
	97	1,3,5-Trimethylbenzene	105	8.831	8.831	(0.913)	292962	18.9948	190
	98	4-Chlorotoluene	91	8.896	8.896	(0.920)	264984	18.6247	190
	99	Butyl Methacrylate	87	9.311	9.311	(0.963)	97265	20.2165	200
	100	tert-Butylbenzene	119	9.204	9.204	(0.952)	258017	19.2965	190
	101	1,2,4-Trimethylbenzene	105	9.297	9.297	(0.961)	302892	18.7968	190
	102	2-Octanone	43	9.920	9.920	(1.026)	84675	16.1079	160
	103	sec-Butylbenzene	105	9.412	9.412	(0.973)	377030	19.1288	190
	104	2-Octanol	45	9.806	9.806	(1.014)	19540	17.3015	170
	105	1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	177558	18.6457	190
	107	p-Isopropyltoluene	119	9.598	9.598	(0.993)	334864	19.5239	200
*	108	1,4-Dichlorobenzene-d4	152	9.669	9.669	(1.000)	366763	50.0000	
	109	1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	191090	19.4178	190
	110	Benzyl Chloride	91	9.970	9.970	(1.031)	174732	18.5555	180
	106	n-Butylbenzene	91	10.028	10.028	(1.037)	296413	19.1698	190
	111	1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	199018	21.5559	220
	112	1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	16569	19.2861	190
	113	Camphor	95	11.611	11.611	(1.201)	45749	98.9459	990
	114	1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	124178	18.6321	190
	115	Hexachlorobutadiene	225	11.396	11.396	(1.179)	45023	19.0894	190
	116	Naphthalene	128	11.632	11.632	(1.203)	337314	20.8888	210
	117	1,2,3-Trichlorobenzene	180	11.775	11.775	(1.218)	117270	19.4158	190
M	120	1,2-Dichloroethene (Total)	100				146176	35.1743	350

Data File: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b/p30595.d
Report Date: 28-Aug-2009 12:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				412332	55.8951	560

QC Flag Legend

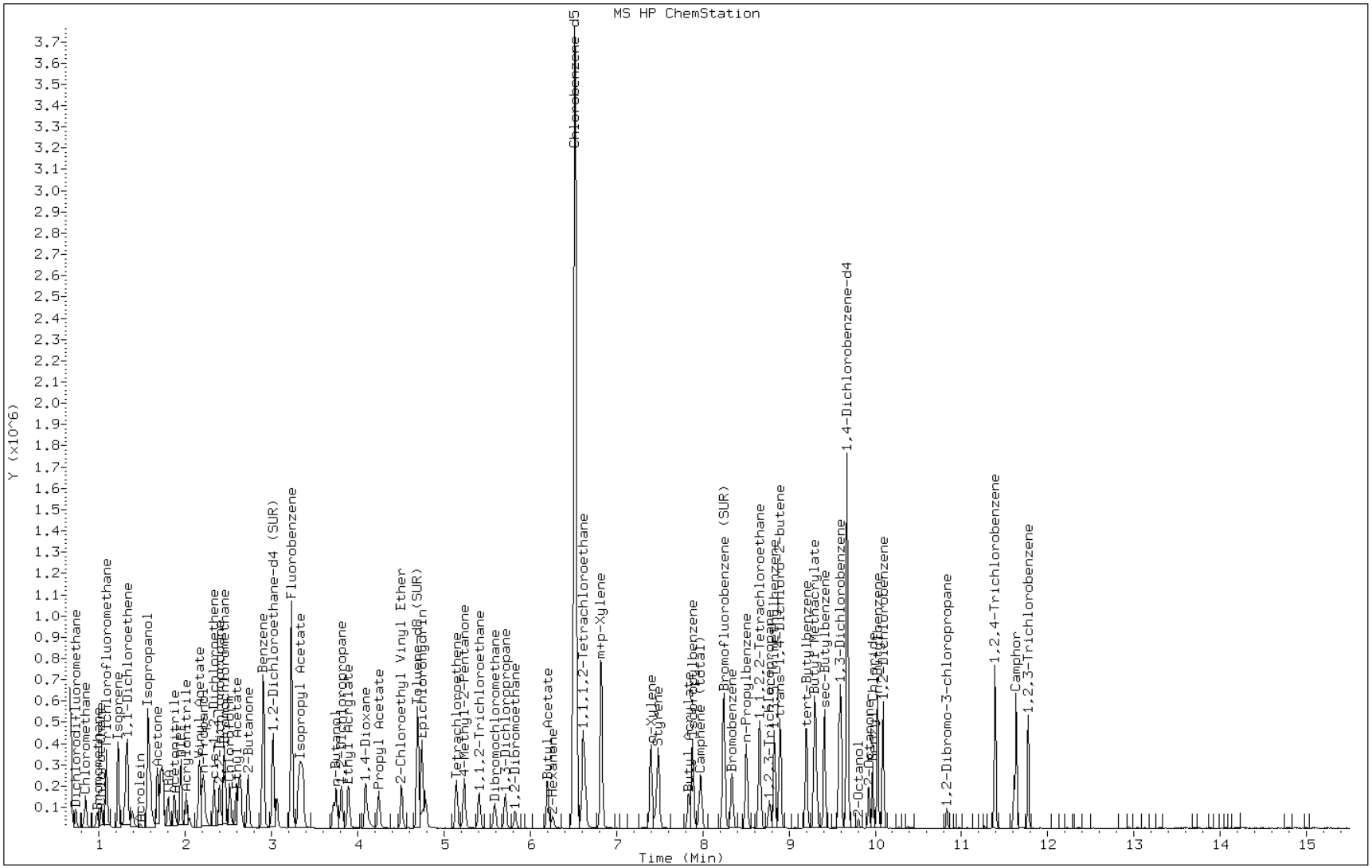
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: p30595.d

Date: 28-AUG-2009 11:32

Client ID: Instrument: VOAMS13.i

Sample Info: 460-5002-C-21MSD;10 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5092-A-1 MSD

Matrix: Water | Lab File ID: p30627.d

Analysis Method: 8260B | Date Collected: 08/26/2009 08:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/31/2009 12:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15720 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	22.3		1.0	0.29
74-87-3	Chloromethane	22.2		1.0	0.21
74-83-9	Bromomethane	20.1		1.0	0.31
75-01-4	Vinyl chloride	23.4		1.0	0.13
75-00-3	Chloroethane	19.9		1.0	0.45
75-69-4	Trichlorofluoromethane	19.6		1.0	0.16
76-13-1	Freon TF	16.0		1.0	0.28
75-09-2	Methylene Chloride	19.3		1.0	0.19
67-64-1	Acetone	20.7		10	2.5
75-15-0	Carbon disulfide	15.8		1.0	0.15
79-20-9	Methyl acetate	19.8		2.0	0.33
75-35-4	1,1-Dichloroethene	19.4		1.0	0.14
75-34-3	1,1-Dichloroethane	18.8		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.14
1634-04-4	MTBE	19.5		1.0	0.18
67-66-3	Chloroform	21.8		1.0	0.15
107-06-2	1,2-Dichloroethane	19.1		1.0	0.24
78-93-3	2-Butanone	19.7		10	0.82
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.25
110-82-7	Cyclohexane	16.9		1.0	0.13
56-23-5	Carbon tetrachloride	19.5		1.0	0.19
75-27-4	Bromodichloromethane	19.6		1.0	0.093
78-87-5	1,2-Dichloropropane	19.9		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.11
79-01-6	Trichloroethene	18.6		1.0	0.18
108-87-2	Methylcyclohexane	17.4		1.0	0.090
124-48-1	Dibromochloromethane	20.1		1.0	0.11
79-00-5	1,1,2-Trichloroethane	20.1		1.0	0.10
71-43-2	Benzene	19.0		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	20.2		1.0	0.12
75-25-2	Bromoform	21.1		1.0	0.10
98-82-8	Isopropylbenzene	20.8		1.0	0.21
108-10-1	4-Methyl-2-pentanone	21.4		10	0.68
591-78-6	2-Hexanone	19.6		10	0.55
127-18-4	Tetrachloroethene	20.4		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-5092-A-1 MSD

Matrix: Water | Lab File ID: p30627.d

Analysis Method: 8260B | Date Collected: 08/26/2009 08:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/31/2009 12:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 15720 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.3		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.090
108-90-7	Chlorobenzene	19.6		1.0	0.16
100-41-4	Ethylbenzene	19.6		1.0	0.25
1330-20-7	Xylenes, Total	58.8		3.0	0.43
100-42-5	Styrene	19.6		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	21.8		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	19.8		1.0	0.44
106-93-4	1,2-Dibromoethane	19.9		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	56-125	
2037-26-5	Toluene-d8 (Surr)	101	72-127	
460-00-4	Bromofluorobenzene	110	72-145	

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30627.d
Report Date: 31-Aug-2009 15:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30627.d
Lab Smp Id: 460-5092-A-1 MSD Client Smp ID: EFFLUENT
Inj Date : 31-AUG-2009 12:32
Operator : Inst ID: VOAMS13.i
Smp Info : 460-5092-A-1 MSD
Misc Info : 460-5092-A-1 MSD
Comment   :
Method   : /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/8260_09.m
Meth Date : 31-Aug-2009 10:13 desais Quant Type: ISTD
Cal Date : 26-AUG-2009 16:24 Cal File: p30533.d
Als bottle: 10 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	70674	22.2993	22
3 Chloromethane	50	0.830	0.837	(0.257)	78930	22.2315	22
4 Vinyl Chloride	62	0.845	0.845	(0.262)	93310	23.3504	23
6 Bromomethane	94	0.981	0.974	(0.304)	42675	20.0605	20
5 Chloroethane	64	1.031	1.024	(0.319)	55452	19.8674	20
7 Trichlorofluoromethane	101	1.088	1.074	(0.337)	127512	19.5734	20
8 n-Pentane	72	1.081	1.067	(0.335)	11082	14.8564	15
10 Isoprene	67	1.217	1.210	(0.377)	92369	15.3127	15
11 Ethyl Ether	59	1.224	1.224	(0.379)	61242	17.8640	18
13 Acrolein	56	1.475	1.475	(0.457)	12724	43.0217	43
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	59116	19.4034	19
14 Freon TF	101	1.332	1.325	(0.412)	62487	15.9929	16
16 Acetone	58	1.625	1.633	(0.503)	7103	20.7055	21
18 Carbon Disulfide	76	1.325	1.317	(0.410)	210078	15.7666	16
19 Isopropanol	45	1.568	1.582	(0.486)	695900	3294.34	3300
21 Acetonitrile	39	1.869	1.876	(0.579)	32251	374.522	370

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30627.d
Report Date: 31-Aug-2009 15:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	27 Methyl Acetate	74	1.690	1.690	(0.523)	25006	19.7507	20
	22 Methylene Chloride	84	1.597	1.597	(0.494)	77457	19.3094	19
	24 TBA	59	1.805	1.812	(0.559)	150226	408.365	410
	25 trans-1,2-Dichloroethene	96	1.676	1.668	(0.519)	73237	18.3123	18
	26 Acrylonitrile	53	2.048	2.048	(0.634)	33360	26.0612	26(R)
	28 MTBE	73	1.740	1.740	(0.539)	236856	19.4813	19
	29 Hexane	56	1.711	1.711	(0.530)	57101	17.1665	17
	30 1,1-Dichloroethane	63	2.005	2.005	(0.621)	132344	18.8129	19
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	59403	12.6110	13(R)
	32 DIPE	45	1.948	1.948	(0.603)	240501	19.4374	19
	34 n-Propanol	60	2.220	2.227	(0.687)	46467	3564.06	3600
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	247832	19.3170	19
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	120143	19.4390	19
	36 cis-1,2-Dichloroethene	96	2.335	2.327	(0.723)	87641	19.8099	20
	38 2-Butanone	72	2.743	2.743	(0.849)	13338	19.7186	20
	39 Ethyl Acetate	70	2.621	2.621	(0.811)	16228	37.8963	38
	40 Bromochloromethane	128	2.456	2.456	(0.760)	42483	19.8718	20
	41 Tetrahydrofuran	42	2.621	2.621	(0.811)	32307	20.7844	21
	42 Chloroform	83	2.514	2.514	(0.778)	153365	21.8196	22
	43 1,1,1-Trichloroethane	97	2.643	2.635	(0.818)	120905	19.4567	19
	44 Cyclohexane	56	2.449	2.442	(0.758)	118321	16.9485	17
	45 Carbon Tetrachloride	117	2.592	2.585	(0.803)	100851	19.4683	19
	46 1,1-Dichloropropene	75	2.729	2.721	(0.845)	101523	18.8248	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	131624	47.7643	48
	48 Benzene	78	2.908	2.900	(0.447)	307204	19.0076	19
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	99484	19.0917	19
	51 n-Heptane	57	2.893	2.893	(0.896)	42175	17.9103	18
	50 t-Amyl-methyl-ether	73	3.015	3.022	(0.933)	211615	19.5507	20
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	239311	37.5908	38
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	894822	50.0000	
	54 Trichloroethene	95	3.366	3.359	(1.042)	75043	18.5770	18
	53 n-Butanol	56	3.746	3.760	(1.160)	123897	1725.26	1700
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	114676	17.3792	17
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	85067	22.0474	22
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	75118	19.9213	20
	58 Dibromomethane	93	3.717	3.717	(1.151)	45124	20.2075	20
	60 1,4-Dioxane	88	4.097	4.104	(1.268)	136858	3214.59	3200
	59 Methyl Methacrylate	100	4.082	4.090	(1.264)	20242	18.5322	18
	75 Propyl Acetate	43	4.240	4.240	(1.313)	172836	39.8053	40
	68 Bromodichloromethane	83	3.889	3.889	(1.204)	99581	19.5621	20
	63 Epichlorohydrin	57	4.784	4.791	(0.736)	88620	277.751	280(R)
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	126739	20.2653	20
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.803)	60911	21.4082	21
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	414513	50.5843	50
	66 Toluene	91	4.741	4.741	(0.729)	352252	19.3113	19
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.805)	116821	20.2061	20
	69 1,1,2-Trichloroethane	83	5.408	5.407	(0.831)	54137	20.0633	20

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30627.d
Report Date: 31-Aug-2009 15:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	5.143	5.142	(0.791)	83386	20.3561	20
	72 1,3-Dichloropropane	76	5.708	5.708	(0.878)	115193	20.1654	20
	73 2-Hexanone	43	6.260	6.260	(0.963)	43816	19.6186	20
	74 Dibromochloromethane	129	5.587	5.587	(0.859)	77022	20.1031	20
	76 Butyl Acetate	73	6.203	6.203	(0.954)	36119	41.1079	41
	77 1,2-Dibromoethane	107	5.823	5.823	(0.895)	65898	19.8592	20
*	78 Chlorobenzene-d5	117	6.503	6.503	(1.000)	684227	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.002)	224882	19.5516	20
	80 1,1,1,2-Tetrachloroethane	131	6.640	6.632	(1.021)	75537	19.4343	19
	81 Ethylbenzene	106	6.611	6.611	(1.017)	118869	19.6460	20
	82 m+p-Xylene	106	6.826	6.826	(1.050)	293363	38.9430	39
	84 o-Xylene	106	7.399	7.399	(1.138)	141952	19.8549	20
	85 Styrene	104	7.485	7.485	(1.151)	244891	19.5853	20
	83 Butyl Acrylate	73	7.836	7.836	(1.205)	54244	21.8396	22
	86 Bromoform	173	7.456	7.449	(1.146)	50326	21.1470	21
	88 Isopropylbenzene	105	7.879	7.879	(1.211)	377307	20.7844	21
$	89 Bromofluorobenzene (SUR)	174	8.244	8.244	(0.853)	234522	54.8357	55
	90 Camphene (total)	93	7.972	7.979	(1.226)	29246	4.65778	4.6(R)
	91 Bromobenzene	156	8.337	8.337	(0.862)	95623	19.2348	19
	92 1,1,2,2-Tetrachloroethane	83	8.660	8.660	(0.896)	84312	21.0557	21
	93 1,2,3-Trichloropropane	110	8.774	8.774	(0.907)	26101	20.7310	21
	94 trans-1,4-Dichloro-2-butene	53	8.889	8.889	(0.919)	26720	18.6842	19
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	436163	19.6625	20
	96 2-Chlorotoluene	91	8.660	8.660	(0.896)	261982	19.3639	19
	97 1,3,5-Trimethylbenzene	105	8.831	8.831	(0.913)	310418	19.6161	20
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	290393	19.8930	20
	99 Butyl Methacrylate	87	9.319	9.311	(0.964)	106018	21.4769	21
	100 tert-Butylbenzene	119	9.204	9.204	(0.952)	269904	19.6736	20
	101 1,2,4-Trimethylbenzene	105	9.297	9.297	(0.961)	323751	19.5817	20
	102 2-Octanone	43	9.927	9.920	(1.027)	93281	17.2950	17
	103 sec-Butylbenzene	105	9.412	9.412	(0.973)	397395	19.6507	20
	104 2-Octanol	45	9.806	9.806	(1.014)	22763	19.6300	20
	105 1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	190522	19.4998	19
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	348195	19.7863	20
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	376307	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	197694	19.5794	20
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	189995	19.6646	20
	106 n-Butylbenzene	91	10.028	10.028	(1.037)	307678	19.3937	19
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	181640	19.1747	19
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	19189	21.7689	22
	113 Camphor	95	11.611	11.611	(1.201)	51489	108.535	110
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	135223	19.7747	20
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	47195	19.5026	20
	116 Naphthalene	128	11.632	11.632	(1.203)	347959	21.0015	21
	117 1,2,3-Trichlorobenzene	180	11.775	11.775	(1.218)	120989	19.5235	20
M	120 1,2-Dichloroethene (Total)	100				160878	38.1977	38
M	121 Xylene (Total)	100				435315	58.7847	59

Data File: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b/p30627.d
Report Date: 31-Aug-2009 15:36

QC Flag Legend

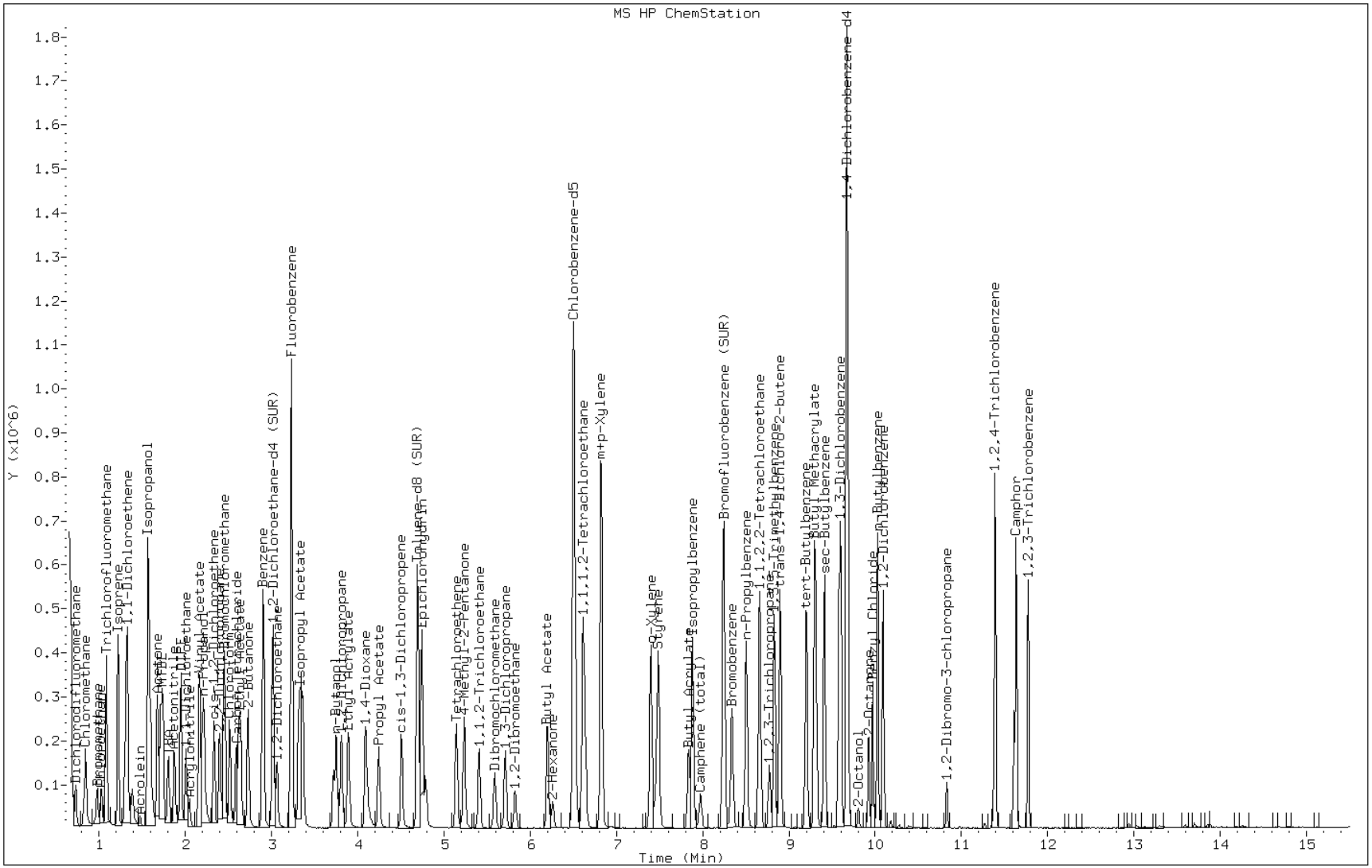
R - Spike/Surrogate failed recovery limits.

Data File: p30627.d

Date: 31-AUG-2009 12:32

Client ID: EFFLUENT Instrument: VOAMS13.i

Sample Info: 460-5092-A-1 MSD Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 08/14/2009 17:06

Analysis Batch Number: 14426 End Date: 08/15/2009 02:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-14426/1		08/14/2009 17:06	1	p30253.d	DB-624 0.18(mm)
ICIS 460-14426/2		08/14/2009 19:17	1	p30258.d	DB-624 0.18(mm)
IC 460-14426/3		08/14/2009 19:42	1	p30259.d	DB-624 0.18(mm)
IC 460-14426/4		08/14/2009 20:07	1	p30260.d	DB-624 0.18(mm)
IC 460-14426/5		08/14/2009 20:32	1	p30261.d	DB-624 0.18(mm)
IC 460-14426/6		08/14/2009 23:05	1	p30266.d	DB-624 0.18(mm)
IC 460-14426/7		08/14/2009 23:58	1	p30268.d	DB-624 0.18(mm)
ZZZZZ		08/15/2009 00:32	1		DB-624 0.18(mm)
ZZZZZ		08/15/2009 00:32	1		DB-624 0.18(mm)
ZZZZZ		08/15/2009 02:05	1		DB-624 0.18(mm)
ZZZZZ		08/15/2009 02:31	10		DB-624 0.18(mm)
ZZZZZ		08/15/2009 02:56	10		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 08/21/2009 07:41

Analysis Batch Number: 14918 End Date: 08/21/2009 19:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-14918/1		08/21/2009 07:41	1	p30411.d	DB-624 0.18(mm)
CCVIS 460-14918/2		08/21/2009 08:03	1	p30412.d	DB-624 0.18(mm)
MB 460-14918/3		08/21/2009 09:26	1	p30415.d	DB-624 0.18(mm)
ZZZZZ		08/21/2009 09:56	1		DB-624 0.18(mm)
ZZZZZ		08/21/2009 10:22	1		DB-624 0.18(mm)
460-4835-6 DL	GW-017338-081809-ACH-06 DL	08/21/2009 10:47	5	p30418.d	DB-624 0.18(mm)
ZZZZZ		08/21/2009 12:04	1		DB-624 0.18(mm)
ZZZZZ		08/21/2009 12:29	1		DB-624 0.18(mm)
ZZZZZ		08/21/2009 12:54	1		DB-624 0.18(mm)
LCS 460-14918/10		08/21/2009 13:20	1	p30424.d	DB-624 0.18(mm)
460-4835-6 MS	GW-017338-081809-ACH-06 MS	08/21/2009 13:45	5	p30425.d	DB-624 0.18(mm)
460-4835-6 MSD	GW-017338-081809-ACH-06 MSD	08/21/2009 14:10	5	p30426.d	DB-624 0.18(mm)
460-4835-9	TB-017338-081809-ACH-001	08/21/2009 15:01	1	p30428.d	DB-624 0.18(mm)
ZZZZZ		08/21/2009 15:26	1		DB-624 0.18(mm)
ZZZZZ		08/21/2009 15:51	1		DB-624 0.18(mm)
ZZZZZ		08/21/2009 16:17	1		DB-624 0.18(mm)
460-4835-1	GW-017338-081709-ACH-01	08/21/2009 16:42	1	p30432.d	DB-624 0.18(mm)
460-4835-2	GW-017338-081709-ACH-02	08/21/2009 17:07	1	p30433.d	DB-624 0.18(mm)
460-4835-3	GW-017338-081709-ACH-03	08/21/2009 17:33	1	p30434.d	DB-624 0.18(mm)
460-4835-4	GW-017338-081809-ACH-04	08/21/2009 17:58	1	p30435.d	DB-624 0.18(mm)
460-4835-8	GW-017338-081809-ACH-08	08/21/2009 18:23	1	p30436.d	DB-624 0.18(mm)
460-4835-7 DL	GW-017338-081809-ACH-07 DL	08/21/2009 18:49	10	p30437.d	DB-624 0.18(mm)
ZZZZZ		08/21/2009 19:14	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 08/24/2009 06:45

Analysis Batch Number: 15029 End Date: 08/24/2009 17:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-15029/1		08/24/2009 06:45	1	p30439.d	DB-624 0.18(mm)
CCVIS 460-15029/2		08/24/2009 07:35	1	p30441.d	DB-624 0.18(mm)
LCS 460-15029/3		08/24/2009 08:13	1	p30442.d	DB-624 0.18(mm)
MB 460-15029/4		08/24/2009 09:41	1	p30444.d	DB-624 0.18(mm)
ZZZZZ		08/24/2009 10:27	10		DB-624 0.18(mm)
ZZZZZ		08/24/2009 10:53	10		DB-624 0.18(mm)
ZZZZZ		08/24/2009 11:18	10		DB-624 0.18(mm)
ZZZZZ		08/24/2009 11:52	10		DB-624 0.18(mm)
ZZZZZ		08/24/2009 12:18	10		DB-624 0.18(mm)
460-4869-4 MS	GW-017338-081909-ACH-12 MS	08/24/2009 12:43	25	p30450.d	DB-624 0.18(mm)
460-4869-4 MSD	GW-017338-081909-ACH-12 MSD	08/24/2009 13:09	25	p30451.d	DB-624 0.18(mm)
460-4869-8	TB-017338-081909-ACH-002	08/24/2009 13:59	1	p30453.d	DB-624 0.18(mm)
460-4869-6	RB-017338-081909-ACH-14	08/24/2009 14:25	1	p30454.d	DB-624 0.18(mm)
460-4835-5	GW-017338-081809-ACH-05	08/24/2009 14:50	1	p30455.d	DB-624 0.18(mm)
460-4869-3	GW-017338-081909-ACH-11	08/24/2009 15:41	1	p30457.d	DB-624 0.18(mm)
460-4869-4 DL	GW-017338-081909-ACH-12 DL	08/24/2009 16:07	25	p30458.d	DB-624 0.18(mm)
460-4869-5 DL	GW-017338-081909-ACH-13 DL	08/24/2009 17:23	10	p30461.d	DB-624 0.18(mm)
460-4869-7 DL	GW-017338-081909-ACH-15 DL	08/24/2009 17:48	1000	p30462.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 08/25/2009 21:07

Analysis Batch Number: 15245 End Date: 08/26/2009 08:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-15245/1		08/25/2009 21:07	1	p30492.d	DB-624 0.18(mm)
CCVIS 460-15245/2		08/25/2009 22:00	1	p30494.d	DB-624 0.18(mm)
LCS 460-15245/3		08/25/2009 22:55	1	p30495.d	DB-624 0.18(mm)
MB 460-15245/4		08/25/2009 23:46	1	p30497.d	DB-624 0.18(mm)
ZZZZZ		08/26/2009 00:26	1		DB-624 0.18(mm)
460-4928-C-5 MS		08/26/2009 01:07	1	p30499.d	DB-624 0.18(mm)
460-4928-C-5 MSD		08/26/2009 01:33	1	p30500.d	DB-624 0.18(mm)
ZZZZZ		08/26/2009 02:23	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 02:49	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 03:14	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 03:40	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 04:05	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 04:31	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 04:56	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 05:22	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 05:47	1		DB-624 0.18(mm)
460-4869-1 DL	GW-017338-081909-ACH-09 DL	08/26/2009 06:13	5	p30511.d	DB-624 0.18(mm)
460-4869-2 DL	GW-017338-081909-ACH-10 DL	08/26/2009 06:38	5	p30512.d	DB-624 0.18(mm)
ZZZZZ		08/26/2009 07:04	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 07:29	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 07:54	1		DB-624 0.18(mm)
ZZZZZ		08/26/2009 08:20	2		DB-624 0.18(mm)
ZZZZZ		08/26/2009 08:45	2		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 08/26/2009 11:59

Analysis Batch Number: 15354 End Date: 08/26/2009 17:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-15354/1		08/26/2009 11:59	1	p30524.d	DB-624 0.18(mm)
IC 460-15354/2		08/26/2009 14:42	1	p30529.d	DB-624 0.18(mm)
IC 460-15354/3		08/26/2009 15:08	1	p30530.d	DB-624 0.18(mm)
ICIS 460-15354/4		08/26/2009 15:58	1	p30532.d	DB-624 0.18(mm)
IC 460-15354/5		08/26/2009 16:24	1	p30533.d	DB-624 0.18(mm)
IC 460-15354/6		08/26/2009 16:49	1	p30534.d	DB-624 0.18(mm)
IC 460-15354/7		08/26/2009 17:14	1	p30535.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 08/27/2009 07:44

Analysis Batch Number: 15423 End Date: 08/27/2009 19:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-15423/1		08/27/2009 07:44	1	p30561.d	DB-624 0.18(mm)
CCVIS 460-15423/2		08/27/2009 08:02	1	p30562.d	DB-624 0.18(mm)
LCS 460-15423/3		08/27/2009 08:34	1	p30563.d	DB-624 0.18(mm)
LCSD 460-15423/4		08/27/2009 08:59	1	p30564.d	DB-624 0.18(mm)
MB 460-15423/5		08/27/2009 09:50	1	p30566.d	DB-624 0.18(mm)
ZZZZZ		08/27/2009 10:23	1		DB-624 0.18(mm)
ZZZZZ		08/27/2009 11:14	1		DB-624 0.18(mm)
ZZZZZ		08/27/2009 13:50	1		DB-624 0.18(mm)
ZZZZZ		08/27/2009 14:15	2		DB-624 0.18(mm)
460-5074-E-1 MS		08/27/2009 14:46	1	p30574.d	DB-624 0.18(mm)
460-5074-C-1 MSD		08/27/2009 15:12	1	p30575.d	DB-624 0.18(mm)
ZZZZZ		08/27/2009 16:02	1		DB-624 0.18(mm)
460-4835-6	GW-017338-081809-ACH-06	08/27/2009 16:28	1	p30578.d	DB-624 0.18(mm)
460-4835-7	GW-017338-081809-ACH-07	08/27/2009 17:18	2	p30580.d	DB-624 0.18(mm)
460-4869-4	GW-017338-081909-ACH-12	08/27/2009 18:09	5	p30582.d	DB-624 0.18(mm)
460-4869-5	GW-017338-081909-ACH-13	08/27/2009 19:00	2	p30584.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 08/28/2009 07:42

Analysis Batch Number: 15569 End Date: 08/28/2009 19:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-15569/1		08/28/2009 07:42	1	p30588.d	DB-624 0.18(mm)
CCVIS 460-15569/2		08/28/2009 08:03	1	p30589.d	DB-624 0.18(mm)
MB 460-15569/3		08/28/2009 09:26	1	p30592.d	DB-624 0.18(mm)
LCS 460-15569/4		08/28/2009 10:36	1	p30593.d	DB-624 0.18(mm)
460-5002-C-21 MS		08/28/2009 11:06	10	p30594.d	DB-624 0.18(mm)
460-5002-C-21 MSD		08/28/2009 11:32	10	p30595.d	DB-624 0.18(mm)
ZZZZZ		08/28/2009 12:22	10		DB-624 0.18(mm)
460-4869-7	GW-017338-081909-ACH-15	08/28/2009 12:48	100	p30598.d	DB-624 0.18(mm)
ZZZZZ		08/28/2009 13:39	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 14:04	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 14:30	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 14:55	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 15:20	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 15:46	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 16:11	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 16:37	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 17:02	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 17:27	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 17:53	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 18:18	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 18:44	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 19:09	1		DB-624 0.18(mm)
ZZZZZ		08/28/2009 19:34	10		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 08/31/2009 07:59

Analysis Batch Number: 15720 End Date: 08/31/2009 19:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-15720/1		08/31/2009 07:59	1	p30617.d	DB-624 0.18(mm)
CCVIS 460-15720/2		08/31/2009 08:50	1	p30619.d	DB-624 0.18(mm)
LCS 460-15720/3		08/31/2009 09:16	1	p30620.d	DB-624 0.18(mm)
MB 460-15720/4		08/31/2009 10:17	1	p30622.d	DB-624 0.18(mm)
ZZZZZ		08/31/2009 10:50	2		DB-624 0.18(mm)
ZZZZZ		08/31/2009 11:16	2		DB-624 0.18(mm)
ZZZZZ		08/31/2009 11:41	10		DB-624 0.18(mm)
460-5092-B-1 MS		08/31/2009 12:06	1	p30626.d	DB-624 0.18(mm)
460-5092-A-1 MSD		08/31/2009 12:32	1	p30627.d	DB-624 0.18(mm)
ZZZZZ		08/31/2009 12:57	10		DB-624 0.18(mm)
ZZZZZ		08/31/2009 13:23	10		DB-624 0.18(mm)
ZZZZZ		08/31/2009 13:48	10		DB-624 0.18(mm)
ZZZZZ		08/31/2009 14:14	1		DB-624 0.18(mm)
ZZZZZ		08/31/2009 14:39	1		DB-624 0.18(mm)
ZZZZZ		08/31/2009 15:05	1		DB-624 0.18(mm)
ZZZZZ		08/31/2009 15:30	1		DB-624 0.18(mm)
ZZZZZ		08/31/2009 15:55	10		DB-624 0.18(mm)
ZZZZZ		08/31/2009 16:21	10		DB-624 0.18(mm)
ZZZZZ		08/31/2009 16:46	10		DB-624 0.18(mm)
ZZZZZ		08/31/2009 17:12	10		DB-624 0.18(mm)
ZZZZZ		08/31/2009 17:37	10		DB-624 0.18(mm)
ZZZZZ		08/31/2009 18:02	10		DB-624 0.18(mm)
ZZZZZ		08/31/2009 18:28	10		DB-624 0.18(mm)
460-4869-1	GW-017338-081909-ACH-09	08/31/2009 18:53	1	p30642.d	DB-624 0.18(mm)
460-4869-2	GW-017338-081909-ACH-10	08/31/2009 19:43	1	p30644.d	DB-624 0.18(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b

Date Generated: 08/17/2009

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/14/09 1706	p30253.d	2	BFB		0	0	1	all		8260 HIGH	G
08/14/09 1728	p30254.d	3	IC-VM8CAL1		5	0	1	all		8260 IS: 128722 SURR 500:	NG Ketone mix no good
08/14/09 1801	p30255.d	4	IC-VM8CAL1		5	0	1	all		SURR 250: 128723 GAS 500: 158199	NG
08/14/09 1827	p30256.d	5	IC-VM8CAL2		5	0	1	all		MIX 1 500: 150634 MIX 2 500:	NG
08/14/09 1852	p30257.d	6	IC-VM8CAL2		5	0	1	all		150637 MIX 3: 150638 AC/AC:	NG
08/14/09 1917	p30258.d	7	ICIS-VM8CAL3		5	0	1	all		150641 GAS SP: 158200	G
08/14/09 1942	p30259.d	8	IC-VM8CAL4		5	0	1	all		8260 SP: 150657 MIX 3 SP: 150639	G
08/14/09 2007	p30260.d	9	IC-VM8CAL5		5	0	1	all		AC/AC SP: 150642 MISC: Ketone	G
08/14/09 2032	p30261.d	10	IC-VM8CAL6		5	0	1	all		150656 BFB- 45581	G
08/14/09 2057	p30262.d	11	BLK		5	0	1	all		MeOH- G32E79	NG
08/14/09 2122	p30263.d	12	BLK		5	0	1	all			NG
08/14/09 2200	p30264.d	13	IC-VM8CAL1		5	0	1	all			NG c/o
08/14/09 2240	p30265.d	14	IC-VM8CAL1		5	0	1	all			NG ↓
08/14/09 2305	p30266.d	15	IC-VM8CAL2		5	0	1	all			G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-14-09A/14aug09a.b

Date Generated: 08/17/2009

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/14/09 2331	p30267.d	16	BLK		5	0	1	all			NG
08/14/09 2358	p30268.d	17	IC-VM8CAL1		5	0	1	all			G
08/15/09 0032	p30269.d	18	ICV		5	0	1	all			G
08/15/09 0115	p30270.d	19	MB		5	0	1	all			NG
08/15/09 0140	p30271.d	20	MB		5	0	1	all			NG
08/15/09 0205	p30272.d	21	MB		5	0	1	all			G
08/15/09 0231	p30273.d	22	460-4444-A-1-AMS		5	0	10	TCLP_DCB			G *
08/15/09 0256	p30274.d	23	460-4444-A-1-AMSD		5	0	10	TCLP_DCB			G *
08/15/09 0321	p30275.d	24	460-4444-A-1-AMSD		5	0	10	TCLP_DCB			Not needed /not used

Signed: Saurabh Desai for Jenny Read and Understood by: Saurabh Desai

Date: 08/17/09 Date: 08/17/09

* Please link 460-4444-A-1-AM
460-4444-A-1-A M
to batch 14258.

#14918

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b

Date Generated: 08/24/2009

Page 1

09/02/2009

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/21/09 0741	p30411.d	2	BFB		0	0	1	all		8260 HIGH	G
08/21/09 0803	p30412.d	1	CCVIS		5	0	1	all		8260 IS: 128782 SURR 500: NA	G
08/21/09 0835	p30413.d	2	LCS		5	0	1	all		SURR 250: 125783 GAS 500: 147174	NG
08/21/09 0900	p30414.d	3	MB		5	0	1	all		MIX 1 500: 150634 MIX 2 500:	N
08/21/09 0926	p30415.d	4	MB		5	0	1	all		150637 MIX 3: 150638 AC/AC:	G
08/21/09 0956	p30416.d	5	460-4725-B-12	FB-18E-081409	5	0	1	all	LL	150641 GAS SP: 147175	G
08/21/09 1022	p30417.d	6	460-4909-B-38	FB-18E-082009	5	0	1	all	LL	8260 SP: 150657 MIX 3 SP: 150639	G
08/21/09 1047	p30418.d	7	460-4835-C-6 DL	GW-017338-081809-AC	5	0	5	all	LL	AC/AC SP: 150642 MISC: BFB	G also see p30578 aug 8/21/09
08/21/09 1113	p30419.d	8	460-4835-C-7	GW-017338-081809-AC	5	0	25	all	LL	H5561 MeOH G30679	RE 10X
08/21/09 1138	p30420.d	9	460-4835-C-5	GW-017338-081809-AC	5	0	2	all	LL		RE 1X
08/21/09 1204	p30421.d	10	460-4834-C-9	20090817TW-26SV14N	5	0	1	all	LL		G
08/21/09 1229	p30422.d	11	460-4834-B-13	20090818OFF-2V14N	5	0	1	all	LL		G
08/21/09 1254	p30423.d	12	460-4834-C-15	20090818LA-3V11N	5	0	1	all	LL		G
08/21/09 1320	p30424.d	13	LCS		5	0	1	all			G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-14-09A/21aug09.b

Date Generated: 08/24/2009

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/21/09 1345	p30425.d	14	460-4835-C-6MS		5	0	5	all	LL		G
08/21/09 1410	p30426.d	15	460-4835-C-6MSD		5	0	5	all	LL		G
08/21/09 1436	p30427.d	16	BLANK		5	0	1	all			DG
08/21/09 1501	p30428.d	17	460-4835-C-9	TB-017338-081809-AC	5	0	1	all	LL		G
08/21/09 1526	p30429.d	18	460-4849-J-2	508 Canal	5	0	1	all	LL		G
08/21/09 1551	p30430.d	19	460-4849-J-4	506 Canal	5	0	1	all	LL		G
08/21/09 1617	p30431.d	20	460-4849-J-6	501 Wetland	5	0	1	all	LL		G
08/21/09 1642	p30432.d	21	460-4835-C-1	GW-017338-081709-AC	5	0	1	all	LL		G
08/21/09 1707	p30433.d	22	460-4835-C-2	GW-017338-081709-AC	5	0	1	all	LL		G
08/21/09 1733	p30434.d	23	460-4835-C-3	GW-017338-081709-AC	5	0	1	all	LL		G
08/21/09 1758	p30435.d	24	460-4835-C-4	GW-017338-081809-AC	5	0	1	all	LL		G
08/21/09 1823	p30436.d	25	460-4835-C-8	GW-017338-081809-AC	5	0	1	all	LL		G
08/21/09 1849	p30437.d	26	460-4835-B-7 DL	GW-017338-081809-AC	5	0	10	all	LL		G also see P30580 mrg 8/21/09
08/21/09 1914	p30438.d	27	460-4835-B-2	GW-017338-081709-AC	5	0	1	all	LL		G Not used MR 08/26

Signed: Saurabh Desai 8-21-09 Read and Understood by: Christopher Moray 8-24-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b

Date Generated: 08/25/2009

Page 1

15029

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/24/09 0645	p30439.d	2	BFB		0	0	1	all		8260 HIGH	G
08/24/09 0710	p30440.d	1	BLANK		5	0	1	all		8260 IS: 128722 SURR 500:	NG
08/24/09 0735	p30441.d	2	CCVIS		5	0	1	all		SURR 250: 128723 GAS 500: 175970	G
08/24/09 0813	p30442.d	2	LCS		5	0	1	all		MIX 1 500: 150634 MIX 2 500: 150637	G
08/24/09 0915	p30443.d	3	MB		5	0	1	all		MIX 3: 150638 AC/AC: 150641	NG
08/24/09 0941	p30444.d	4	MB		5	0	1	all		GAS SP: 175971 8260 SP: 150657	G
08/24/09 1027	p30445.d	1	LB 460-14724/1-A		5	0	10	TCLP_DCB		MIX 3 SP: 150639 AC/AC SP: 150642	G
08/24/09 1053	p30446.d	2	460-4792-A-1-C	DSKL-08-17-09	5	0	10	TCLP_DCB		MISC: BFB 45501 G32E79 CM-EQH1	G
08/24/09 1118	p30447.d	3	460-4820-F-4-A		5	0	10	TCLP_DCB			G
08/24/09 1152	p30448.d	4	460-4820-F-4-AMS		5	0	10	TCLP_DCB			G
08/24/09 1218	p30449.d	5	460-4820-F-4-AMSD		5	0	10	TCLP_DCB			G
08/24/09 1243	p30450.d	6	460-4869-F-4 MS	GW-017338-081909-AC	5	0	25	all	12		G
08/24/09 1309	p30451.d	7	460-4869-F-4MSD		5	0	25	all	12		G
08/24/09 1334	p30452.d	8	BLANK		5	0	1	all			NG

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-14-09A/24aug09.b

Date Generated: 08/25/2009

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/24/09 1359	p30453.d	9	460-4869-F-8	TB-017338-081909-AC	5	0	1	all	<2		G
08/24/09 1425	p30454.d	10	460-4869-F-6	RB-017338-081909-AC	5	0	1	all	<2		G
08/24/09 1450	p30455.d	11	460-4835-B-5	GW-017338-081809-AC	5	0	1	all	<2		G
08/24/09 1516	p30456.d	12	BLANK		5	0	1	all			NG
08/24/09 1541	p30457.d	13	460-4869-F-3	GW-017338-081909-AC	5	0	1	all	<2		G
08/24/09 1607	p30458.d	14	460-4869-F-4 DL	GW-017338-081909-AC	5	0	25	all	<2		G also see p30582
08/24/09 1632	p30459.d	15	460-4869-F-1	GW-017338-081909-AC	5	0	10	all	<2		DL. 5X
08/24/09 1657	p30460.d	16	460-4869-F-2	GW-017338-081909-AC	5	0	10	all	<2		DL- 5X
08/24/09 1723	p30461.d	17	460-4869-F-5 DL	GW-017338-081909-AC	5	0	10	all	<2		G also see p30584
08/24/09 1748	p30462.d	18	460-4869-F-7 DL	GW-017338-081909-AC	5	0	1000	all	<2		G also see p30598

Signed: Samantha Desai for Chris Read and Understood by: Samantha Desai

Date: 08/25/09 Date: 08/25/09

09/02/2009

Page 843 of 1361

8/31/09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b

Date Generated: 08/26/2009

Page 1

15245

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/25/09 2107	p30492.d	2	BFB		0	0	1	all		8260 HIGH	G
08/25/09 2134	p30493.d	1	CCVIS		5	0	1	all		8260 IS: 128722 SURR 500:	NG
08/25/09 2200	p30494.d	2	CCVIS		5	0	1	all		SURR 250: 128723 GAS 500: 175970	G
08/25/09 2255	p30495.d	3	LCS		5	0	1	all		MIX 1 500: 150634 MIX 2 500: 150637	G
08/25/09 2321	p30496.d	4	MB		5	0	1	all		MIX 3: 150638 AC/AC: 150641	NG
08/25/09 2346	p30497.d	5	MB		5	0	1	all		GAS SP: 175971 8260 SP: 150657	G
08/26/09 0026	p30498.d	6	460-4928-C-5	20090819MW-10V12.25	5	0	1	all	<2	MIX 3 SP: 150639 AC/AC SP: 150642	G
08/26/09 0107	p30499.d	7	460-4928-C-5 MS	20090819MW-10V12.25	5	0	1	all	<2	MISC: BFB U5507 G32E79 (MeOH)	G
08/26/09 0133	p30500.d	8	460-4928-C-5 MSD	20090819MW-10V12.25	5	0	1	all	<2		G
08/26/09 0158	p30501.d	9	BLK		5	0	1	all			NG
08/26/09 0223	p30502.d	10	460-4880-N-2	FB	5	0	1	all	<2		G
08/26/09 0249	p30503.d	11	460-4943-K-18	FB	5	0	1	all	<2		G
08/26/09 0314	p30504.d	12	460-4954-B-58	20090821 FB	5	0	1	all	<2		G
08/26/09 0340	p30505.d	13	460-4928-A-9	20090819EB	5	0	1	all	<2		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-14-09A/25aug09a.b

Date Generated: 08/26/2009

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/26/09 0405	p30506.d	14	460-4928-A-17	20090820EB	5	0	1	all	<2		G
08/26/09 0431	p30507.d	15	460-4928-B-23	20090820TB	5	0	1	all	<2		G
08/26/09 0456	p30508.d	16	460-4928-C-13	20090820MW-7V15.5N	5	0	1	all	<2		G
08/26/09 0522	p30509.d	17	460-4928-C-19	20090820TW-33SV13N	5	0	1	all	<2		G
08/26/09 0547	p30510.d	18	460-4928-C-21	20090820TW-32SV14N	5	0	1	all	<2		G
08/26/09 0613	p30511.d	19	460-4869-E-1	GW-017338-081909-AC	5	0	5	all	<2		G – Insufficient volume
08/26/09 0638	p30512.d	20	460-4869-E-2	GW-017338-081909-AC	5	0	5	all	<2		G – to Run lowest dilution mc 08/27
08/26/09 0704	p30513.d	21	460-4928-C-1	20090819MW-5V13N	5	0	1	all	<2		G
08/26/09 0729	p30514.d	22	460-4928-C-3	20090819TW-31SV13N	5	0	1	all	<2		G
08/26/09 0754	p30515.d	23	460-4928-C-15	20090820TW-34SV13.5	5	0	1	all	<2		G
08/26/09 0820	p30516.d	24	460-4928-C-11	20090820TW-35SV12.5	5	0	2	all	<2		G
08/26/09 0845	p30517.d	25	460-4928-C-7	20090819MW-9V12.5N	5	0	2	all	<2		G

Signed: Samantha Dessi for Kenny Read and Understood by: Samantha Dessi

Date: 08/26/09 Date: 08/26/09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b

Date Generated: 08/26/2009

Page 1

#15354

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/26/09 1159	p30524.d	2	BFB		0	0	1	all			G
08/26/09 1210	p30525.d	1	CCVIS		5	0	1	all		8260 HIGH 8260 IS: 128722 SURR 500:	NG
08/26/09 1322	p30526.d	2	CCVIS		5	0	1	all		SURR 250: 179092 GAS 500: 175920 MIX 1 500: 150634 MIX 2 500: 150637 MIX 3: 150638 AC/AC: 150441 GAS SP: 175971 8260 SP: 150657 MIX 3 SP: 150639 AC/AC SP: 150642 MISC: Ketones Li 150656	NG
08/26/09 1351	p30527.d	3	BLANK		5	0	1	all			NG
08/26/09 1417	p30528.d	3	IC-VM8CAL1		5	0	1	all			NG
08/26/09 1442	p30529.d	4	IC-VM8CAL1		5	0	1	all			G
08/26/09 1508	p30530.d	5	IC-VM8CAL2		5	0	1	all			G
08/26/09 1533	p30531.d	6	IC-VM8CAL2		5	0	1	all			G
08/26/09 1558	p30532.d	7	ICIS-VM8CAL3		5	0	1	all			NG IS ↓
08/26/09 1624	p30533.d	8	IC-VM8CAL4		5	0	1	all			G
08/26/09 1649	p30534.d	9	IC-VM8CAL5		5	0	1	all			G
08/26/09 1714	p30535.d	10	IC-VM8CAL6		5	0	1	all			G
08/26/09 1740	p30536.d	11	BLANK		5	0	1	all			N.G
08/26/09 1805	p30537.d	12	BLANK		5	0	1	all			N.G

ICV STD's

#ICV RUN ON BATCH #15360

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-26-09/26aug09.b

Date Generated: 08/26/2009

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/26/09 1830	p30538.d	13	BLANK		5	0	1	all			D.U.

Signed: K.B. for Saurabh Desai Read and Understood by: Ken Boykin

Date: 8/26/09 Date: 8/26/09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b

Date Generated: 08/28/2009

Page 1

15423

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/27/09 0744	p30561.d	2	BFB		0	0	1	all		8260 HIGH	G
08/27/09 0802	p30562.d	1	CCVIS		5	0	1	all		8260 IS: 128722 SURR 500:	G
08/27/09 0834	p30563.d	2	LCS		5	0	1	all		SURR 250: 179082 GAS 500:	G
08/27/09 0859	p30564.d	3	LCSD		5	0	1	all		175910 MIX 1 500: 150634 MIX 2 500:	G
08/27/09 0925	p30565.d	4	MB		5	0	1	all		150637 MIX 3: 150638 AC/AC:	NG
08/27/09 0950	p30566.d	5	MB		5	0	1	all		150641 GAS SP: 175971	G
08/27/09 1023	p30567.d	6	460-5074-A-2	TB	5	0	1	all	<2	8260 SP: 150651 MIX 3 SP:	G
08/27/09 1049	p30568.d	7	460-4928-B-1	20090819MW-5V13N	5	0	1	all	<2	150649 AC/AC SP: 150642 MISC:	G-for cont only
08/27/09 1114	p30569.d	8	460-4902-B-8	VAN-G-DERS-M03D-DUP	5	0	1	all	<2	BFB 45501	G
08/27/09 1259	p30570.d	9	460-4902-B-4	VAN-G-W-3	5	0	1/2 1x	all	<2	G49E42 (CLEOH)	NG
08/27/09 1325	p30571.d	10	BLANK		5	0	1	all			NG
08/27/09 1350	p30572.d	11	460-5074-D-1	RW-93-1	5	0	1	all	<2		G
08/27/09 1415	p30573.d	12	460-4902-B-4	VAN-G-W-3	5	0	2	all	<2		G *
08/27/09 1446	p30574.d	13	460-5074-E-1 MS	RW-93-1	5	0	1	all	<2		G

Pl. see note

* Due to turbid sample matrix, can't run 1x dilution, try couple of times, needle fot clout.

09/02/2009

Page 848 of 1361

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-26-09/27aug09.b

Date Generated: 08/28/2009

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/27/09 1512	p30575.d	14	460-5074-C-1 MSD	RW-93-1	5	0	1	all	<2		G
08/27/09 1537	p30576.d	15	BLANK		5	0	1	all			NG
08/27/09 1602	p30577.d	16	460-4869-E-6	RB-017338-081909-AC	5	0	1	all	<2		G confirms p30454.
08/27/09 1628	p30578.d	17	460-4835-B-6	GW-017338-081809-AC	5	0	1	all	<2		G see DL p30418
08/27/09 1653	p30579.d	18	BLANK		5	0	1	all			NG
08/27/09 1718	p30580.d	19	460-4835-B-7	GW-017338-081809-AC	5	0	2	all	<2		G see DL p30437
08/27/09 1744	p30581.d	20	BLANK		5	0	1	all			NG
08/27/09 1809	p30582.d	21	460-4869-E-4	GW-017338-081909-AC	5	0	5	all	<2		G See DL p30458
08/27/09 1834	p30583.d	22	BLANK		5	0	1	all			NG
08/27/09 1900	p30584.d	23	460-4869-E-5	GW-017338-081909-AC	5	0	2	all	<2		G see DL p30461
08/27/09 1925	p30585.d	24	BLANK		5	0	1	all			NG
08/27/09 1950	p30586.d	25	460-4869-E-7	GW-017338-081909-AC	5	0	100	all	<2		NG. out of clock
08/27/09 2015	p30587.d	26	BLANK		5	0	1	all			NG

Signed: Bharvathi Desai 08/28/09

Read and Understood by: Melissa D'Amico

Date: _____

Date: 8/28/09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b

Date Generated: 08/31/2009

Page 1

15569

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/28/09 0742	p30588.d	2	BFB		0	0	1	all		8260 HIGH	G
08/28/09 0803	p30589.d	1	CCVIS		5	0	1	all		8260 IS: 128722 SURR 500:	G
08/28/09 0835	p30590.d	2	LCS		5	0	1	all		SURR 250: 179082 GAS 500:	NG
08/28/09 0900	p30591.d	3	MB		5	0	1	all		175970 MIX 1 500:	NG
08/28/09 0926	p30592.d	4	MB		5	0	1	all		150634 MIX 2 500: 150637 MIX 3:	G
08/28/09 1036	p30593.d	5	LCS		5	0	1	all		150638 AC/AC: 150641 GAS SP:	G
08/28/09 1106	p30594.d	6	460-5002-C-21MS		5	0	10	all	<2	173971 8260 SP: 150635 MIX 3 SP:	G
08/28/09 1132	p30595.d	7	460-5002-C-21MSD		5	0	10	all	<2	150639 AC/AC SP: 150642 MISC:	G
08/28/09 1157	p30596.d	8	BLANK		5	0	1	all		BFB 45501 G49 E42 CH2Cl2	NG
08/28/09 1222	p30597.d	9	460-5002-C-21	20090824TW-41DV25N	5	0	10	all	<2		G
08/28/09 1248	p30598.d	10	460-4869-E-7	GW-017338-081909-AC	5	0	100	all	<2		G see DL p30462 MB 8/31/09
08/28/09 1313	p30599.d	11	BLANK		5	0	1	all			NG
08/28/09 1339	p30600.d	12	460-5052-B-14	TB	5	0	1	all	<2		G
08/28/09 1404	p30601.d	13	460-5052-B-13	FB20090825	5	0	1	all	<2		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b

Date Generated: 08/31/2009

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/28/09 1430	p30602.d	14	460-5112-A-33	TB-082709	5	0	1	all	<2		G
08/28/09 1455	p30603.d	15	460-5115-B-1	TB082509	5	0	1	all	<2		G
08/28/09 1520	p30604.d	16	460-5002-B-23	20090824TB	5	0	1	all	<2		G
08/28/09 1546	p30605.d	17	460-5002-B-5	20090821EB	5	0	1	all	<2		G
08/28/09 1611	p30606.d	18	460-5002-C-11	20090821TW-27SV17N	5	0	1	all	<2		G
08/28/09 1637	p30607.d	19	460-5002-C-19	20090824TW-41SV7.5N	5	0	1	all	<2		G
08/28/09 1702	p30608.d	20	460-5002-B-17	20090824EB	5	0	1	all	<2		G
08/28/09 1727	p30609.d	21	460-5002-C-15	20090824TW-15SV22N	5	0	1	all	<2		G
08/28/09 1753	p30610.d	22	460-5002-C-13	20090824TW-2DV40N	5	0	1	all	<2		G
08/28/09 1818	p30611.d	23	460-5002-B-1	20090821TW-37SV12N	5	0	1	all	<2		G
08/28/09 1844	p30612.d	24	460-5020-B-1	FB-082509	5	0	1	all	<2		G
08/28/09 1909	p30613.d	25	460-5020-B-17	TB-082509	5	0	1	all	<2		G
08/28/09 1934	p30614.d	26	460-5002-A-3	20090821MW-3V14N	5	0	10	all	<2		G
08/28/09 2000	p30615.d	27	460-5002-C-7	20090821BLDG21N	5	0	10	all	<2		DL-2X NG-OUT OF CLOCK

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-26-09/28aug09.b

Date Generated: 08/31/2009

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/28/09 2025	p30616.d	28	460-5002-C-9	20090824TW-2SV12N	5	0	2	all	22		NG- out of clock

Signed: Saurabh Desai Read and Understood by: Melissa D'Almeida

Date: 08/31/09 Date: 8/31/09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b

Date Generated: 08/31/2009

Page 1

09/02/2009

Page 853 of 1361

15720

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/31/09 0759	p30617.d	2	BFB		0	0	1	all			G
08/31/09 0818	p30618.d	1	CCVIS		5	0	1	all		8260 HIGH 8260 IS: 128722 SURR 500:	NH
08/31/09 0850	p30619.d	2	CCVIS		5	0	1	all		SURR 250: 179082 GAS 500: 175470	G
08/31/09 0916	p30620.d	3	LCS		5	0	1	all		MIX 1 500: 150634 MIX 2 500: 150637	G
08/31/09 0951	p30621.d	4	MB		5	0	1	all		MIX 3: 150638 AC/AC: 150641	NH
08/31/09 1017	p30622.d	5	MB		5	0	1	all		GAS SP: 175971	G
08/31/09 1050	p30623.d	6	460-5002-B-9 D1	20090824TW-2SV12N	5	0	2	all	L2	8260 SP: 150639 MIX 3 SP: 150639	vp 9.1.09 RESTR G ~~No volume to analyze~~
08/31/09 1116	p30624.d	7	460-5002-B-7 D1	20090821BLDG21N	5	0	2	all	L2	AC/AC SP: 150642 MISC: DFB 45501 MeOH: 649642	G RESTR
08/31/09 1141	p30625.d	8	460-4984-A-1-E		5	0	10	TCLP_DCB			G
08/31/09 1206	p30626.d	9	460-5092-B-1 MS	EFFLUENT	5	0	1	all	L2		G
08/31/09 1232	p30627.d	10	460-5092-A-1 MSD	EFFLUENT	5	0	1	all	L2		G
08/31/09 1257	p30628.d	11	460-4984-A-1-EMS		5	0	10	TCLP_DCB			G
08/31/09 1323	p30629.d	12	460-4984-A-1-EMSD		5	0	10	TCLP_DCB			G
08/31/09 1348	p30630.d	13	LB 460-15351/1-A		5	0	10	TCLP_DCB			G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/08-26-09/31aug09.b

Date Generated: 08/31/2009

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/31/09 1414	p30631.d	14	460-5092-A-4	TB	5	0	1	all	L2		G
08/31/09 1439	p30632.d	15	460-5092-B-1	EFFLUENT	5	0	1	all	L2		G
08/31/09 1505	p30633.d	16	460-5092-B-2	INFLUENT	5	0	1	all	L2		G
08/31/09 1530	p30634.d	17	460-5092-B-3	MIDPOINT	5	0	1	all	L2		G
08/31/09 1555	p30635.d	18	460-4984-A-2-E		5	0	10	TCLP_DCB			G
08/31/09 1621	p30636.d	19	460-4984-A-3-E		5	0	10	TCLP_DCB			G
08/31/09 1646	p30637.d	20	460-4984-A-4-E		5	0	10	TCLP_DCB			G
08/31/09 1712	p30638.d	21	460-4984-A-5-E		5	0	10	TCLP_DCB			G
08/31/09 1737	p30639.d	22	460-4984-A-6-E		5	0	10	TCLP_DCB			G
08/31/09 1802	p30640.d	23	460-4984-A-7-E		5	0	10	TCLP_DCB			G
08/31/09 1828	p30641.d	24	460-4984-A-8-E		5	0	10	TCLP_DCB			G
08/31/09 1853	p30642.d	25	460-4869-E-1	GW-017338-081909-AC	5	0	1	all	L2		G
08/31/09 1918	p30643.d	26	BLK		5	0	1	all			-
08/31/09 1943	p30644.d	27	460-4869-E-2	GW-017338-081909-AC	5	0	1	all	L2		G

Signed: Ellin Mc for SD 08/31/09 Read and Understood by: Ken Boyer 08/31/09

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP	#	PHL	#	NBZ	#	FBP	#	TBP	#	TPH	#
GW-017338-081709-A CH-01	460-4835-1	47		33		104		95		78		110	
GW-017338-081709-A CH-02	460-4835-2	44		31		96		88		96		101	
GW-017338-081709-A CH-03	460-4835-3	46		32		102		90		97		109	
GW-017338-081809-A CH-04	460-4835-4	48		33		103		95		110		110	
GW-017338-081809-A CH-05	460-4835-5	49		35		99		95		111		103	
GW-017338-081809-A CH-06	460-4835-6	36		32		102		94		108		103	
GW-017338-081809-A CH-07	460-4835-7	36		31		92		85		105		95	
GW-017338-081809-A CH-08	460-4835-8	49		33		104		96		107		103	
GW-017338-081909-A CH-09	460-4869-1	52		37		103		92		113		102	
GW-017338-081909-A CH-10	460-4869-2	50		34		105		95		119		101	
GW-017338-081909-A CH-11	460-4869-3	46		31		94		86		102		94	
GW-017338-081909-A CH-12	460-4869-4	0	D	0	D	0	D	0	D	0	D	0	D
GW-017338-081909-A CH-13	460-4869-5	22		30		111		94		102		93	
RB-017338-081909-A CH-14 RE	460-4869-6 RE	42		31		81		83		87		84	
GW-017338-081909-A CH-15	460-4869-7	15	X	34		103		95		101		96	
	MB 460-14834/1-A	51		36		100		92		106		107	
	MB 460-15687/1-A	40		28		88		78		86		87	
	LCS 460-14834/2-A	48		32		102		100		107		105	
	LCS 460-15687/2-A	41		27		85		85		88		89	
	LCSD 460-15687/3-A	41		28		85		86		87		89	
GW-017338-081909-A CH-12 MS	460-4869-4 MS	0	D	0	D	0	D	0	D	0	D	0	D
GW-017338-081909-A CH-12 MSD	460-4869-4 MSD	0	D	0	D	0	D	0	D	0	D	0	D

	QC LIMITS
2FP = 2-Fluorophenol	19-66
PHL = Phenol-d5	13-44
NBZ = Nitrobenzene-d5	49-114
FBP = 2-Fluorobiphenyl	53-110
TBP = 2,4,6-Tribromophenol	52-122
TPH = Terphenyl-d14	46-129

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x2085.d

Lab ID: LCS 460-14834/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	100	120	120	26-176	
Phenol	100	33.9	34	17-145	
Bis(2-chloroethyl)ether	100	90.2	90	47-122	
2-Chlorophenol	100	82.0	82	58-98	
2-Methylphenol	100	70.6	71	50-86	
Acetophenone	100	97.2	97	66-112	
N-Nitrosodi-n-propylamine	100	104	104	56-120	
Hexachloroethane	100	81.5	81	12-127	
Nitrobenzene	100	93.5	94	21-131	
Isophorone	100	95.6	96	39-136	
2-Nitrophenol	100	98.9	99	65-113	
2,4-Dimethylphenol	100	87.9	88	38-111	
Bis(2-chloroethoxy)methane	100	98.2	98	66-112	
2,4-Dichlorophenol	100	95.7	96	22-143	
Naphthalene	100	91.4	91	61-108	
4-Chloroaniline	100	94.3	94	32-97	
Hexachlorobutadiene	100	87.1	87	43-112	
Caprolactam	100	25.9	26	2-35	
4-Chloro-3-methylphenol	100	91.4	91	59-107	
2-Methylnaphthalene	100	94.5	95	57-110	
Hexachlorocyclopentadiene	100	83.0	83	41-124	
2,4,6-Trichlorophenol	100	96.4	96	65-117	
2,4,5-Trichlorophenol	100	105	105	66-111	
2-Chloronaphthalene	100	92.0	92	64-109	
2-Nitroaniline	100	98.0	98	65-116	
Dimethyl phthalate	100	108	108	68-110	
Acenaphthylene	100	98.0	98	63-110	
2,6-Dinitrotoluene	100	103	103	73-112	
3-Nitroaniline	100	105	105	55-100	*
Acenaphthene	100	96.8	97	66-117	
2,4-Dinitrophenol	100	92.9	93	59-130	
4-Nitrophenol	100	32.0	32	0.1-111	
Dibenzofuran	100	101	101	70-113	
2,4-Dinitrotoluene	100	104	104	70-117	
Diethyl phthalate	100	105	105	69-110	
4-Chlorophenyl phenyl ether	100	98.0	98	65-116	
Fluorene	100	102	102	70-110	
4-Nitroaniline	100	106	106	55-107	
4,6-Dinitro-2-methylphenol	100	96.4	96	58-129	
N-Nitrosodiphenylamine	100	109	109	61-111	
4-Bromophenyl phenyl ether	100	93.3	93	61-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x2085.d

Lab ID: LCS 460-14834/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Hexachlorobenzene	100	93.4	93	59-120	
Atrazine	100	83.0	83	46-128	
Pentachlorophenol	100	89.4	89	72-122	
Phenanthrene	100	98.3	98	65-115	
Anthracene	100	97.7	98	69-106	
Carbazole	100	103	103	65-106	
Di-n-butyl phthalate	100	96.4	96	59-113	
Fluoranthene	100	100	100	60-113	
Pyrene	100	94.1	94	66-115	
Butyl benzyl phthalate	100	96.7	97	66-110	
3,3'-Dichlorobenzidine	100	108	108	34-100	*
Benzo[a]anthracene	100	99.6	100	64-110	
Chrysene	100	101	101	67-115	
Bis(2-ethylhexyl) phthalate	100	93.9	94	66-112	
Di-n-octyl phthalate	100	95.3	95	62-174	
Benzo[b]fluoranthene	100	97.6	98	60-164	
Benzo[k]fluoranthene	100	98.7	99	48-199	
Benzo[a]pyrene	100	92.3	92	50-172	
Indeno[1,2,3-cd]pyrene	100	87.1	87	44-191	
Dibenz(a,h)anthracene	100	98.1	98	42-186	
Benzo[g,h,i]perylene	100	95.9	96	37-192	
Diphenyl	100	94.4	94	67-112	
bis (2-chloroisopropyl) ether	100	92.5	92	47-122	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z3553.d

Lab ID: LCS 460-15687/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	100	192	192	26-176	*
Phenol	100	30.6	31	17-145	
Bis(2-chloroethyl)ether	100	80.8	81	47-122	
2-Chlorophenol	100	72.4	72	58-98	
2-Methylphenol	100	62.3	62	50-86	
Acetophenone	100	87.7	88	66-112	
N-Nitrosodi-n-propylamine	100	88.4	88	56-120	
Hexachloroethane	100	71.0	71	12-127	
Nitrobenzene	100	80.5	80	21-131	
Isophorone	100	80.6	81	39-136	
2-Nitrophenol	100	83.1	83	65-113	
2,4-Dimethylphenol	100	79.3	79	38-111	
Bis(2-chloroethoxy)methane	100	82.8	83	66-112	
2,4-Dichlorophenol	100	83.4	83	22-143	
Naphthalene	100	78.7	79	61-108	
4-Chloroaniline	100	81.0	81	32-97	
Hexachlorobutadiene	100	73.6	74	43-112	
Caprolactam	100	15.6	16	2-35	
4-Chloro-3-methylphenol	100	77.6	78	59-107	
2-Methylnaphthalene	100	82.8	83	57-110	
Hexachlorocyclopentadiene	100	67.0	67	41-124	
2,4,6-Trichlorophenol	100	88.5	89	65-117	
2,4,5-Trichlorophenol	100	88.2	88	66-111	
2-Chloronaphthalene	100	82.3	82	64-109	
2-Nitroaniline	100	82.4	82	65-116	
Dimethyl phthalate	100	84.1	84	68-110	
Acenaphthylene	100	83.8	84	63-110	
2,6-Dinitrotoluene	100	84.1	84	73-112	
3-Nitroaniline	100	86.0	86	55-100	
Acenaphthene	100	82.4	82	66-117	
2,4-Dinitrophenol	100	64.3	64	59-130	
4-Nitrophenol	100	23.0 J	23	0.1-111	
Dibenzofuran	100	83.5	84	70-113	
2,4-Dinitrotoluene	100	81.8	82	70-117	
Diethyl phthalate	100	84.4	84	69-110	
4-Chlorophenyl phenyl ether	100	82.6	83	65-116	
Fluorene	100	83.4	83	70-110	
4-Nitroaniline	100	88.7	89	55-107	
4,6-Dinitro-2-methylphenol	100	79.7	80	58-129	
N-Nitrosodiphenylamine	100	93.1	93	61-111	
4-Bromophenyl phenyl ether	100	84.9	85	61-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z3553.d

Lab ID: LCS 460-15687/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Hexachlorobenzene	100	82.3	82	59-120	
Atrazine	100	68.7	69	46-128	
Pentachlorophenol	100	74.5	75	72-122	
Phenanthrene	100	83.2	83	65-115	
Anthracene	100	80.9	81	69-106	
Carbazole	100	85.7	86	65-106	
Di-n-butyl phthalate	100	81.0	81	59-113	
Fluoranthene	100	80.0	80	60-113	
Pyrene	100	84.3	84	66-115	
Butyl benzyl phthalate	100	81.5	82	66-110	
3,3'-Dichlorobenzidine	100	103	103	34-100	*
Benzo[a]anthracene	100	82.0	82	64-110	
Chrysene	100	85.0	85	67-115	
Bis(2-ethylhexyl) phthalate	100	79.5	80	66-112	
Di-n-octyl phthalate	100	76.3	76	62-174	
Benzo[b]fluoranthene	100	80.4	80	60-164	
Benzo[k]fluoranthene	100	83.6	84	48-199	
Benzo[a]pyrene	100	73.2	73	50-172	
Indeno[1,2,3-cd]pyrene	100	82.0	82	44-191	
Dibenz(a,h)anthracene	100	84.5	85	42-186	
Benzo[g,h,i]perylene	100	83.6	84	37-192	
Diphenyl	100	86.1	86	67-112	
bis (2-chloroisopropyl) ether	100	81.5	82	47-122	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z3554.d

Lab ID: LCSD 460-15687/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	100	196	196	2	30	26-176	*
Phenol	100	31.1	31	2	30	17-145	
Bis(2-chloroethyl)ether	100	82.4	82	2	30	47-122	
2-Chlorophenol	100	73.5	74	2	30	58-98	
2-Methylphenol	100	63.7	64	2	30	50-86	
Acetophenone	100	89.1	89	2	30	66-112	
N-Nitrosodi-n-propylamine	100	89.0	89	1	30	56-120	
Hexachloroethane	100	71.5	72	1	30	12-127	
Nitrobenzene	100	79.2	79	2	30	21-131	
Isophorone	100	78.2	78	3	30	39-136	
2-Nitrophenol	100	84.1	84	1	30	65-113	
2,4-Dimethylphenol	100	79.3	79	0	30	38-111	
Bis(2-chloroethoxy)methane	100	82.1	82	1	30	66-112	
2,4-Dichlorophenol	100	83.1	83	0	30	22-143	
Naphthalene	100	78.7	79	0	30	61-108	
4-Chloroaniline	100	78.9	79	3	30	32-97	
Hexachlorobutadiene	100	73.6	74	0	30	43-112	
Caprolactam	100	16.2	16	4	30	2-35	
4-Chloro-3-methylphenol	100	75.6	76	3	30	59-107	
2-Methylnaphthalene	100	82.4	82	0	30	57-110	
Hexachlorocyclopentadiene	100	68.9	69	3	30	41-124	
2,4,6-Trichlorophenol	100	88.0	88	1	30	65-117	
2,4,5-Trichlorophenol	100	88.7	89	1	30	66-111	
2-Chloronaphthalene	100	81.1	81	1	30	64-109	
2-Nitroaniline	100	80.0	80	3	30	65-116	
Dimethyl phthalate	100	81.0	81	4	30	68-110	
Acenaphthylene	100	82.3	82	2	30	63-110	
2,6-Dinitrotoluene	100	82.1	82	2	30	73-112	
3-Nitroaniline	100	83.1	83	3	30	55-100	
Acenaphthene	100	80.4	80	3	30	66-117	
2,4-Dinitrophenol	100	70.7	71	9	30	59-130	
4-Nitrophenol	100	22.8 J	23	1	30	0.1-111	
Dibenzofuran	100	82.4	82	1	30	70-113	
2,4-Dinitrotoluene	100	79.1	79	3	30	70-117	
Diethyl phthalate	100	81.8	82	3	30	69-110	
4-Chlorophenyl phenyl ether	100	81.7	82	1	30	65-116	
Fluorene	100	81.0	81	3	30	70-110	
4-Nitroaniline	100	85.8	86	3	30	55-107	
4,6-Dinitro-2-methylphenol	100	78.8	79	1	30	58-129	
N-Nitrosodiphenylamine	100	94.7	95	2	30	61-111	
4-Bromophenyl phenyl ether	100	83.3	83	2	30	61-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z3554.d

Lab ID: LCSD 460-15687/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobenzene	100	81.7	82	1	30	59-120	
Atrazine	100	62.3	62	10	30	46-128	
Pentachlorophenol	100	74.0	74	1	30	72-122	
Phenanthrene	100	80.6	81	3	30	65-115	
Anthracene	100	80.2	80	1	30	69-106	
Carbazole	100	82.5	82	4	30	65-106	
Di-n-butyl phthalate	100	77.5	77	4	30	59-113	
Fluoranthene	100	77.1	77	4	30	60-113	
Pyrene	100	83.4	83	1	30	66-115	
Butyl benzyl phthalate	100	79.1	79	3	30	66-110	
3,3'-Dichlorobenzidine	100	104	104	1	30	34-100	*
Benzo[a]anthracene	100	80.6	81	2	30	64-110	
Chrysene	100	84.7	85	0	30	67-115	
Bis(2-ethylhexyl) phthalate	100	76.3	76	4	30	66-112	
Di-n-octyl phthalate	100	71.5	71	6	30	62-174	
Benzo[b]fluoranthene	100	80.4	80	0	30	60-164	
Benzo[k]fluoranthene	100	80.6	81	4	30	48-199	
Benzo[a]pyrene	100	73.4	73	0	30	50-172	
Indeno[1,2,3-cd]pyrene	100	83.3	83	1	30	44-191	
Dibenz(a,h)anthracene	100	83.5	84	1	30	42-186	
Benzo[g,h,i]perylene	100	85.5	85	2	30	37-192	
Diphenyl	100	85.1	85	1	30	67-112	
bis (2-chloroisopropyl) ether	100	82.6	83	1	30	47-122	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z3503.d

Lab ID: 460-4869-4 MS Client ID: GW-017338-081909-ACH-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzaldehyde	111	100 U	220	198	26-176	F
Phenol	111	100 U	40.0 J	36	17-145	
Bis(2-chloroethyl)ether	111	10 U	101	91	47-122	
2-Chlorophenol	111	100 U	85.0 J	76	58-98	
2-Methylphenol	111	100 U	80.0 J	72	50-86	
Acetophenone	111	100 U	307	276	66-112	F
N-Nitrosodi-n-propylamine	111	10 U	110	99	56-120	
Hexachloroethane	111	10 U	167	150	12-127	F
Nitrobenzene	111	10 U	110	99	21-131	
Isophorone	111	100 U	97.4 J	88	39-136	
2-Nitrophenol	111	100 U	91.6 J	82	65-113	
2,4-Dimethylphenol	111	100 U	88.1 J	79	38-111	
Bis(2-chloroethoxy)methane	111	100 U	106 J	95	66-112	
2,4-Dichlorophenol	111	100 U	92.0 J	83	22-143	
Naphthalene	111	1900	1990	112	61-108	4
4-Chloroaniline	111	100 U	80.8 J	73	32-97	
Hexachlorobutadiene	111	20 U	81.7	74	43-112	
Caprolactam	111	100 U	26.2 J	24	2-35	
4-Chloro-3-methylphenol	111	100 U	91.6 J	82	59-107	
2-Methylnaphthalene	111	61 J	162	91	57-110	
Hexachlorocyclopentadiene	111	100 U	110 U	29	41-124	F
2,4,6-Trichlorophenol	111	100 U	93.8 J	84	65-117	
2,4,5-Trichlorophenol	111	100 U	95.7 J	86	66-111	
2-Chloronaphthalene	111	100 U	93.3 J	84	64-109	
2-Nitroaniline	111	200 U	106 J	96	65-116	
Dimethyl phthalate	111	100 U	98.6 J	89	68-110	
Acenaphthylene	111	100 U	92.9 J	84	63-110	
2,6-Dinitrotoluene	111	20 U	93.2	84	73-112	
3-Nitroaniline	111	200 U	86.0 J	77	55-100	
Acenaphthene	111	100 U	94.3 J	85	66-117	
2,4-Dinitrophenol	111	310 U	330 U	44	59-130	F
4-Nitrophenol	111	310 U	330 U	20	0.1-111	
Dibenzofuran	111	100 U	92.7 J	83	70-113	
2,4-Dinitrotoluene	111	20 U	87.3	79	70-117	
Diethyl phthalate	111	100 U	100 J	90	69-110	
4-Chlorophenyl phenyl ether	111	100 U	90.6 J	82	65-116	
Fluorene	111	100 U	95.1 J	86	70-110	
4-Nitroaniline	111	200 U	104 J	94	55-107	
4,6-Dinitro-2-methylphenol	111	310 U	65.4 J	59	58-129	
N-Nitrosodiphenylamine	111	100 U	104 J	94	61-111	
4-Bromophenyl phenyl ether	111	100 U	87.5 J	79	61-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z3503.d

Lab ID: 460-4869-4 MS Client ID: GW-017338-081909-ACH-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Hexachlorobenzene	111	10 U	88.0	79	59-120	
Atrazine	111	100 U	71.0 J	64	46-128	
Pentachlorophenol	111	310 U	62.8 J	57	72-122	F
Phenanthrene	111	100 U	92.8 J	84	65-115	
Anthracene	111	100 U	91.0 J	82	69-106	
Carbazole	111	100 U	96.3 J	87	65-106	
Di-n-butyl phthalate	111	100 U	92.2 J	83	59-113	
Fluoranthene	111	100 U	94.3 J	85	60-113	
Pyrene	111	100 U	90.5 J	81	66-115	
Butyl benzyl phthalate	111	100 U	88.9 J	80	66-110	
3,3'-Dichlorobenzidine	111	200 U	100 J	90	34-100	
Benzo[a]anthracene	111	10 U	94.6	85	64-110	
Chrysene	111	100 U	103 J	93	67-115	
Bis(2-ethylhexyl) phthalate	111	100 U	80.9 J	73	66-112	
Di-n-octyl phthalate	111	100 U	67.7 J	61	62-174	F
Benzo[b]fluoranthene	111	10 U	83.1	75	60-164	
Benzo[k]fluoranthene	111	10 U	102	91	48-199	
Benzo[a]pyrene	111	10 U	78.8	71	50-172	
Indeno[1,2,3-cd]pyrene	111	3.7 J	93.3	81	44-191	
Dibenz(a,h)anthracene	111	3.7 J	72.1	62	42-186	
Benzo[g,h,i]perylene	111	100 U	81.5 J	73	37-192	
Diphenyl	111	100 U	96.9 J	87	67-112	
bis (2-chloroisopropyl) ether	111	100 U	108 J	97	47-122	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z3504.d

Lab ID: 460-4869-4 MSD Client ID: GW-017338-081909-ACH-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	111	229	206	4	30	26-176	F
Phenol	111	41.7 J	38	4	30	17-145	
Bis(2-chloroethyl)ether	111	110	99	8	30	47-122	
2-Chlorophenol	111	89.9 J	81	6	30	58-98	
2-Methylphenol	111	79.5 J	72	1	30	50-86	
Acetophenone	111	304	273	1	30	66-112	F
N-Nitrosodi-n-propylamine	111	120	108	9	30	56-120	
Hexachloroethane	111	176	158	5	30	12-127	F
Nitrobenzene	111	115	104	5	30	21-131	
Isophorone	111	105 J	94	7	30	39-136	
2-Nitrophenol	111	98.9 J	89	8	30	65-113	
2,4-Dimethylphenol	111	79.9 J	72	10	30	38-111	
Bis(2-chloroethoxy)methane	111	116	105	9	30	66-112	
2,4-Dichlorophenol	111	99.6 J	90	8	30	22-143	
Naphthalene	111	1990	110	0	30	61-108	4
4-Chloroaniline	111	81.5 J	73	1	30	32-97	
Hexachlorobutadiene	111	86.8	78	6	30	43-112	
Caprolactam	111	26.9 J	24	3	30	2-35	
4-Chloro-3-methylphenol	111	94.8 J	85	3	30	59-107	
2-Methylnaphthalene	111	172	100	6	30	57-110	
Hexachlorocyclopentadiene	111	110 U	30	NC	30	41-124	F
2,4,6-Trichlorophenol	111	101 J	91	7	30	65-117	
2,4,5-Trichlorophenol	111	103 J	93	8	30	66-111	
2-Chloronaphthalene	111	103 J	93	10	30	64-109	
2-Nitroaniline	111	111 J	100	5	30	65-116	
Dimethyl phthalate	111	107 J	96	8	30	68-110	
Acenaphthylene	111	101 J	91	9	30	63-110	
2,6-Dinitrotoluene	111	101	91	8	30	73-112	
3-Nitroaniline	111	86.6 J	78	1	30	55-100	
Acenaphthene	111	102 J	92	7	30	66-117	
2,4-Dinitrophenol	111	330 U	47	NC	30	59-130	F
4-Nitrophenol	111	330 U	20	NC	30	0.1-111	
Dibenzofuran	111	102 J	92	9	30	70-113	
2,4-Dinitrotoluene	111	92.3	83	6	30	70-117	
Diethyl phthalate	111	108 J	97	7	30	69-110	
4-Chlorophenyl phenyl ether	111	98.8 J	89	9	30	65-116	
Fluorene	111	102 J	92	7	30	70-110	
4-Nitroaniline	111	102 J	92	2	30	55-107	
4,6-Dinitro-2-methylphenol	111	66.8 J	60	2	30	58-129	
N-Nitrosodiphenylamine	111	116	104	11	30	61-111	
4-Bromophenyl phenyl ether	111	94.4 J	85	8	30	61-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z3504.d

Lab ID: 460-4869-4 MSD Client ID: GW-017338-081909-ACH-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobenzene	111	93.9	84	6	30	59-120	
Atrazine	111	76.2 J	69	7	30	46-128	
Pentachlorophenol	111	61.0 J	55	3	30	72-122	F
Phenanthrene	111	102 J	92	9	30	65-115	
Anthracene	111	97.2 J	87	7	30	69-106	
Carbazole	111	105 J	95	9	30	65-106	
Di-n-butyl phthalate	111	100 J	90	9	30	59-113	
Fluoranthene	111	103 J	92	8	30	60-113	
Pyrene	111	98.8 J	89	9	30	66-115	
Butyl benzyl phthalate	111	95.1 J	86	7	30	66-110	
3,3'-Dichlorobenzidine	111	104 J	94	4	30	34-100	
Benzo[a]anthracene	111	103	92	8	30	64-110	
Chrysene	111	111 J	100	7	30	67-115	
Bis(2-ethylhexyl) phthalate	111	90.9 J	82	12	30	66-112	
Di-n-octyl phthalate	111	69.5 J	63	3	30	62-174	
Benzo[b]fluoranthene	111	96.7	87	15	30	60-164	
Benzo[k]fluoranthene	111	102	92	1	30	48-199	
Benzo[a]pyrene	111	83.2	75	5	30	50-172	
Indeno[1,2,3-cd]pyrene	111	98.4	85	5	30	44-191	
Dibenz(a,h)anthracene	111	73.0	62	1	30	42-186	
Benzo[g,h,i]perylene	111	90.3 J	81	10	30	37-192	
Diphenyl	111	107 J	96	10	30	67-112	
bis (2-chloroisopropyl) ether	111	115	103	6	30	47-122	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: x2084.d Lab Sample ID: MB 460-14834/1-A

Matrix: Water Date Extracted: 08/20/2009 18:38

Instrument ID: BNAMS5 Date Analyzed: 08/21/2009 17:48

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-14834/2-A	x2085.d	08/21/2009 18:13
GW-017338-081909-ACH-09	460-4869-1	x2086.d	08/21/2009 18:37
GW-017338-081909-ACH-10	460-4869-2	x2087.d	08/21/2009 19:02
GW-017338-081909-ACH-11	460-4869-3	x2088.d	08/21/2009 19:26
GW-017338-081909-ACH-13	460-4869-5	x2092.d	08/21/2009 21:04
GW-017338-081909-ACH-15	460-4869-7	x2094.d	08/21/2009 21:53
GW-017338-081709-ACH-01	460-4835-1	x2095.d	08/21/2009 22:17
GW-017338-081709-ACH-02	460-4835-2	x2096.d	08/21/2009 22:42
GW-017338-081709-ACH-03	460-4835-3	x2097.d	08/21/2009 23:07
GW-017338-081809-ACH-04	460-4835-4	x2098.d	08/21/2009 23:32
GW-017338-081809-ACH-05	460-4835-5	x2099.d	08/21/2009 23:57
GW-017338-081809-ACH-06	460-4835-6	x2100.d	08/22/2009 00:22
GW-017338-081809-ACH-07	460-4835-7	x2101.d	08/22/2009 00:47
GW-017338-081809-ACH-08	460-4835-8	x2102.d	08/22/2009 01:11
GW-017338-081909-ACH-12	460-4869-4	z3502.d	08/31/2009 05:52
GW-017338-081909-ACH-12 MS	460-4869-4 MS	z3503.d	08/31/2009 06:17
GW-017338-081909-ACH-12 MSD	460-4869-4 MSD	z3504.d	08/31/2009 06:41

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: z3552.d Lab Sample ID: MB 460-15687/1-A

Matrix: Water Date Extracted: 08/31/2009 08:39

Instrument ID: BNAMS11 Date Analyzed: 09/01/2009 09:17

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-15687/2-A	z3553.d	09/01/2009 09:42
	LCSD 460-15687/3-A	z3554.d	09/01/2009 10:06
RB-017338-081909-ACH-14 RE	460-4869-6 RE	z3555.d	09/01/2009 10:31

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: z3492.d DFTPP Injection Date: 08/31/2009

Instrument ID: BNAMS11 DFTPP Injection Time: 00:49

Analysis Batch No.: 15714

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	49.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	24.8	
365	Greater than 1.0 % of mass 198	4.1	
441	Present but less than mass 443	10.1	
442	Greater than 40.0 % of mass 198	70.9	
443	17.0 - 23.0 % of mass 442	13.6	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-15714/2	z3493.d	08/31/2009	01:11
	IC 460-15714/3	z3494.d	08/31/2009	02:04
	IC 460-15714/4	z3495.d	08/31/2009	02:27
	IC 460-15714/5	z3496.d	08/31/2009	02:52
	IC 460-15714/6	z3497.d	08/31/2009	03:16
	IC 460-15714/7	z3498.d	08/31/2009	03:40
GW-017338-081909-ACH-12	460-4869-4	z3502.d	08/31/2009	05:52
GW-017338-081909-ACH-12 MS	460-4869-4 MS	z3503.d	08/31/2009	06:17
GW-017338-081909-ACH-12 MSD	460-4869-4 MSD	z3504.d	08/31/2009	06:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: z3549.d DFTPP Injection Date: 09/01/2009

Instrument ID: BNAMS11 DFTPP Injection Time: 07:52

Analysis Batch No.: 15839

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	46.9	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	24.4	
365	Greater than 1.0 % of mass 198	2.8	
441	Present but less than mass 443	10.0	
442	Greater than 40.0 % of mass 198	77.6	
443	17.0 - 23.0 % of mass 442	15.6	(20.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-15839/2	z3550.d	09/01/2009	08:10
	MB 460-15687/1-A	z3552.d	09/01/2009	09:17
	LCS 460-15687/2-A	z3553.d	09/01/2009	09:42
	LCSD 460-15687/3-A	z3554.d	09/01/2009	10:06
RB-017338-081909-ACH-14 RE	460-4869-6 RE	z3555.d	09/01/2009	10:31

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: x1981.d DFTPP Injection Date: 08/19/2009

Instrument ID: BNAMS5 DFTPP Injection Time: 00:44

Analysis Batch No.: 14784

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	36.4	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	30.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	42.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	23.6	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	11.4	
442	Greater than 40.0 % of mass 198	77.0	
443	17.0 - 23.0 % of mass 442	14.8	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-14784/2	x1982.d	08/19/2009	01:06
	IC 460-14784/3	x1983.d	08/19/2009	01:42
	IC 460-14784/4	x1984.d	08/19/2009	02:06
	IC 460-14784/5	x1985.d	08/19/2009	02:31
	IC 460-14784/6	x1986.d	08/19/2009	02:55
	IC 460-14784/7	x1987.d	08/19/2009	03:20

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab File ID: x2081.d DFTPP Injection Date: 08/21/2009

Instrument ID: BNAMS5 DFTPP Injection Time: 16:37

Analysis Batch No.: 15036

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	38.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	33.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	44.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	23.1	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	9.9	
442	Greater than 40.0 % of mass 198	65.5	
443	17.0 - 23.0 % of mass 442	12.6	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-15036/2	x2082.d	08/21/2009	16:52
	MB 460-14834/1-A	x2084.d	08/21/2009	17:48
	LCS 460-14834/2-A	x2085.d	08/21/2009	18:13
GW-017338-081909-ACH-09	460-4869-1	x2086.d	08/21/2009	18:37
GW-017338-081909-ACH-10	460-4869-2	x2087.d	08/21/2009	19:02
GW-017338-081909-ACH-11	460-4869-3	x2088.d	08/21/2009	19:26
GW-017338-081909-ACH-13	460-4869-5	x2092.d	08/21/2009	21:04
GW-017338-081909-ACH-15	460-4869-7	x2094.d	08/21/2009	21:53
GW-017338-081709-ACH-01	460-4835-1	x2095.d	08/21/2009	22:17
GW-017338-081709-ACH-02	460-4835-2	x2096.d	08/21/2009	22:42
GW-017338-081709-ACH-03	460-4835-3	x2097.d	08/21/2009	23:07
GW-017338-081809-ACH-04	460-4835-4	x2098.d	08/21/2009	23:32
GW-017338-081809-ACH-05	460-4835-5	x2099.d	08/21/2009	23:57
GW-017338-081809-ACH-06	460-4835-6	x2100.d	08/22/2009	00:22
GW-017338-081809-ACH-07	460-4835-7	x2101.d	08/22/2009	00:47
GW-017338-081809-ACH-08	460-4835-8	x2102.d	08/22/2009	01:11

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: ICIS 460-15714/2 Date Analyzed: 08/31/2009 01:11

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z3493.d Heated Purge: (Y/N) N

		DCB		NPT		ACN	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		223092	3.87	780577	5.16	381335	6.91
UPPER LIMIT		446184	4.37	1561154	5.66	762670	7.41
LOWER LIMIT		111546	3.37	390289	4.66	190668	6.41
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-4869-4	GW-017338-081909-ACH-12	231652	3.87	826965	5.15	435601	6.90
460-4869-4 MS	GW-017338-081909-ACH-12 MS	256582	3.87	899581	5.15	468714	6.90
460-4869-4 MSD	GW-017338-081909-ACH-12 MSD	238324	3.87	833952	5.15	427721	6.90

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ACN = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: ICIS 460-15714/2 Date Analyzed: 08/31/2009 01:11

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z3493.d Heated Purge: (Y/N) N

		PHN		CRY		PD12	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		502855	8.35	296647	11.01	163650	12.78
UPPER LIMIT		1005710	8.85	593294	11.51	327300	13.28
LOWER LIMIT		251428	7.85	148324	10.51	81825	12.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-4869-4	GW-017338-081909-ACH-12	606121	8.35	376164	11.00	221040	12.78
460-4869-4 MS	GW-017338-081909-ACH-12 MS	648001	8.35	398925	11.00	226490	12.78
460-4869-4 MSD	GW-017338-081909-ACH-12 MSD	579658	8.35	354284	11.00	201065	12.78

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PD12 = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-15839/2 Date Analyzed: 09/01/2009 08:10

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z3550.d Heated Purge: (Y/N) N

		DCB		NPT		ACN	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		204392	3.86	716684	5.15	366151	6.89
UPPER LIMIT		408784	4.36	1433368	5.65	732302	7.39
LOWER LIMIT		102196	3.36	358342	4.65	183076	6.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-15687/1-A		251579	3.86	902546	5.15	486928	6.89
LCS 460-15687/2-A		236326	3.86	825439	5.15	428795	6.89
LCSD 460-15687/3-A		235077	3.86	843774	5.15	437580	6.89
460-4869-6 RE	RB-017338-081909-ACH-14 RE	267246	3.86	964946	5.15	520063	6.89

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ACN = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-15839/2 Date Analyzed: 09/01/2009 08:10

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z3550.d Heated Purge: (Y/N) N

		PHN		CRY		PD12	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		484056	8.34	258809	10.99	137821	12.76
UPPER LIMIT		968112	8.84	517618	11.49	275642	13.26
LOWER LIMIT		242028	7.84	129405	10.49	68911	12.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-15687/1-A		700853	8.34	412967	10.99	234399	12.76
LCS 460-15687/2-A		569298	8.34	286744	10.99	158892	12.76
LCSD 460-15687/3-A		568329	8.34	279331	10.99	156112	12.76
460-4869-6 RE	RB-017338-081909-ACH-14 RE	755725	8.34	437520	10.99	237415	12.76

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PD12 = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-15036/2 Date Analyzed: 08/21/2009 16:52

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x2082.d Heated Purge: (Y/N) N

		DCB		NPT		ACN	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		387079	3.91	1291992	5.21	603479	6.96
UPPER LIMIT		774158	4.41	2583984	5.71	1206958	7.46
LOWER LIMIT		193540	3.41	645996	4.71	301740	6.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-14834/1-A		387378	3.91	1341226	5.20	709658	6.96
LCS 460-14834/2-A		325657	3.91	1056099	5.21	510579	6.96
460-4869-1	GW-017338-081909-ACH-09	354095	3.91	1254744	5.20	635193	6.96
460-4869-2	GW-017338-081909-ACH-10	354638	3.91	1254381	5.20	636755	6.96
460-4869-3	GW-017338-081909-ACH-11	368316	3.91	1269120	5.20	648857	6.95
460-4869-5	GW-017338-081909-ACH-13	290341	3.91	881661	5.20	413095	6.97
460-4869-7	GW-017338-081909-ACH-15	265205	3.92	903888	5.20	412997	6.97
460-4835-1	GW-017338-081709-ACH-01	382928	3.91	1366059	5.20	713343	6.96
460-4835-2	GW-017338-081709-ACH-02	448303	3.91	1609665	5.20	854638	6.96
460-4835-3	GW-017338-081709-ACH-03	462586	3.91	1669809	5.20	908714	6.96
460-4835-4	GW-017338-081809-ACH-04	349026	3.91	1219252	5.20	621259	6.96
460-4835-5	GW-017338-081809-ACH-05	428023	3.91	1442311	5.20	734906	6.96
460-4835-6	GW-017338-081809-ACH-06	378174	3.91	1315592	5.20	686331	6.96
460-4835-7	GW-017338-081809-ACH-07	350989	3.91	1188871	5.20	619162	6.96
460-4835-8	GW-017338-081809-ACH-08	363277	3.91	1232362	5.20	598700	6.96

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ACN = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Sample No.: CCVIS 460-15036/2 Date Analyzed: 08/21/2009 16:52

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x2082.d Heated Purge: (Y/N) N

		PHN		CRY		PD12	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		688742	8.42	341542	11.09	214025	12.89
UPPER LIMIT		1377484	8.92	683084	11.59	428050	13.39
LOWER LIMIT		344371	7.92	170771	10.59	107013	12.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-14834/1-A		908319	8.41	441970	11.09	275517	12.90
LCS 460-14834/2-A		637375	8.41	336393	11.09	213348	12.89
460-4869-1	GW-017338-081909-ACH-09	796880	8.41	422422	11.08	278455	12.89
460-4869-2	GW-017338-081909-ACH-10	791631	8.41	453226	11.08	291369	12.89
460-4869-3	GW-017338-081909-ACH-11	806034	8.41	418492	11.08	275726	12.89
460-4869-5	GW-017338-081909-ACH-13	492296	8.41	305047	11.08	219182	12.89
460-4869-7	GW-017338-081909-ACH-15	490040	8.41	317358	11.08	226927	12.89
460-4835-1	GW-017338-081709-ACH-01	916434	8.41	467488	11.08	283335	12.89
460-4835-2	GW-017338-081709-ACH-02	1117935	8.41	613971	11.08	383732	12.89
460-4835-3	GW-017338-081709-ACH-03	1191681	8.41	619159	11.08	378821	12.90
460-4835-4	GW-017338-081809-ACH-04	792439	8.41	450411	11.08	277193	12.89
460-4835-5	GW-017338-081809-ACH-05	905306	8.41	485458	11.08	313458	12.89
460-4835-6	GW-017338-081809-ACH-06	881738	8.41	481896	11.08	302905	12.89
460-4835-7	GW-017338-081809-ACH-07	769278	8.41	438226	11.08	279087	12.89
460-4835-8	GW-017338-081809-ACH-08	726229	8.41	413138	11.08	263007	12.89

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PD12 = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-01 | Lab Sample ID: 460-4835-1

Matrix: Water | Lab File ID: x2095.d

Analysis Method: 8270C | Date Collected: 08/17/2009 13:30

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 980(mL) | Date Analyzed: 08/21/2009 22:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.4
108-95-2	Phenol	10	U	10	0.91
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
95-57-8	2-Chlorophenol	10	U	10	2.7
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
105-60-2	Caprolactam	10	U	10	0.51
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.8
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.1
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
99-09-2	3-Nitroaniline	20	U *	20	4.4
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
100-02-7	4-Nitrophenol	31	U	31	2.4
132-64-9	Dibenzofuran	10	U	10	3.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-01 Lab Sample ID: 460-4835-1

Matrix: Water Lab File ID: x2095.d

Analysis Method: 8270C Date Collected: 08/17/2009 13:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 980(mL) Date Analyzed: 08/21/2009 22:17

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.1
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.28
1912-24-9	Atrazine	10	U	10	4.9
87-86-5	Pentachlorophenol	31	U	31	5.2
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U *	20	7.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.28
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8
92-52-4	Diphenyl	10	U	10	5.5
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-01 Lab Sample ID: 460-4835-1

Matrix: Water Lab File ID: x2095.d

Analysis Method: 8270C Date Collected: 08/17/2009 13:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 980(mL) Date Analyzed: 08/21/2009 22:17

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	47	19-66	
321-60-8	2-Fluorobiphenyl	95	53-110	
4165-62-2	Phenol-d5	33	13-44	
4165-60-0	Nitrobenzene-d5	104	49-114	
118-79-6	2,4,6-Tribromophenol	78	52-122	
1718-51-0	Terphenyl-d14	110	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2095.d
Report Date: 22-Aug-2009 22:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2095.d
Lab Smp Id: 460-4835-E-1-A Client Smp ID: GW-017338-081709-AC
Inj Date : 21-AUG-2009 22:17
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4835-E-1-A
Misc Info : 460-4835-E-1-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.631	2.637	(0.673)	296249	23.4854	48
$ 17 Phenol-d5 (SUR)	99	3.549	3.578	(0.908)	220138	16.2624	33
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	382928	40.0000	
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	2771	0.19451	0.40(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	667218	52.0051	110
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1366059	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1203745	47.6833	97
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	713343	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.731	7.742	(1.111)	106327	39.1729	80
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	916434	40.0000	
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	693785	55.1992	110
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	467488	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	283335	40.0000	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2095.d
Report Date: 22-Aug-2009 22:12

QC Flag Legend

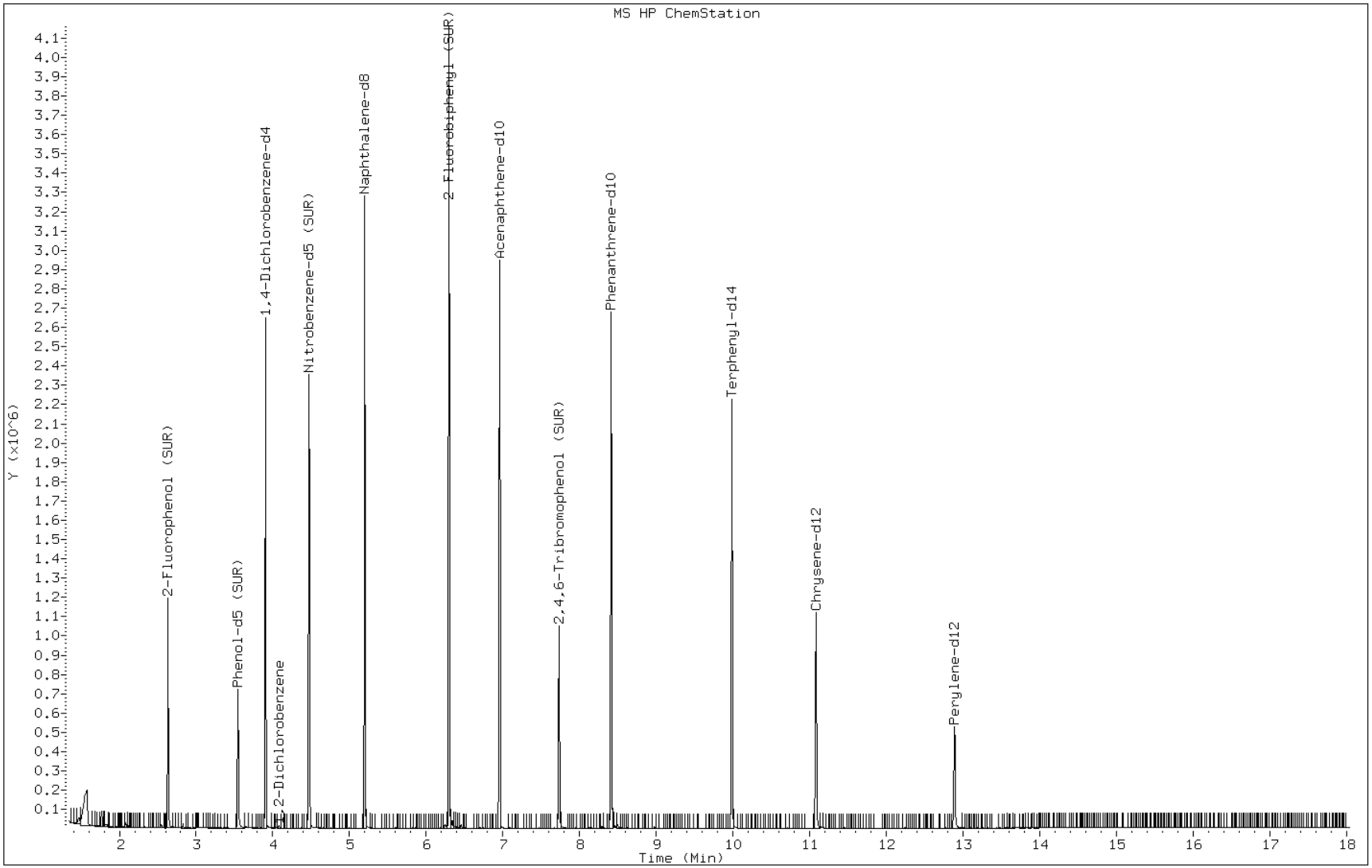
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x2095.d

Date: 21-AUG-2009 22:17

Client ID: GW-017338-081709-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-02 | Lab Sample ID: 460-4835-2

Matrix: Water | Lab File ID: x2096.d

Analysis Method: 8270C | Date Collected: 08/17/2009 14:30

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) | Date Analyzed: 08/21/2009 22:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	11	U	11	1.4
108-95-2	Phenol	11	U	11	0.94
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.43
95-57-8	2-Chlorophenol	11	U	11	2.8
95-48-7	2-Methylphenol	11	U	11	1.7
98-86-2	Acetophenone	11	U	11	4.5
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.34
67-72-1	Hexachloroethane	1.1	U	1.1	0.53
98-95-3	Nitrobenzene	1.1	U	1.1	0.43
78-59-1	Isophorone	11	U	11	3.8
88-75-5	2-Nitrophenol	11	U	11	3.6
105-67-9	2,4-Dimethylphenol	11	U	11	2.6
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.7
120-83-2	2,4-Dichlorophenol	11	U	11	2.9
91-20-3	Naphthalene	11	U	11	3.9
106-47-8	4-Chloroaniline	11	U	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.99
105-60-2	Caprolactam	11	U	11	0.53
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.1
91-57-6	2-Methylnaphthalene	11	U	11	3.3
77-47-4	Hexachlorocyclopentadiene	11	U	11	4.8
88-06-2	2,4,6-Trichlorophenol	11	U	11	3.3
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.6
91-58-7	2-Chloronaphthalene	11	U	11	3.9
88-74-4	2-Nitroaniline	21	U	21	6.0
131-11-3	Dimethyl phthalate	11	U	11	3.4
208-96-8	Acenaphthylene	11	U	11	4.2
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.62
99-09-2	3-Nitroaniline	21	U *	21	4.6
83-32-9	Acenaphthene	11	U	11	4.0
51-28-5	2,4-Dinitrophenol	32	U	32	5.1
100-02-7	4-Nitrophenol	32	U	32	2.4
132-64-9	Dibenzofuran	11	U	11	3.8
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-02 Lab Sample ID: 460-4835-2

Matrix: Water Lab File ID: x2096.d

Analysis Method: 8270C Date Collected: 08/17/2009 14:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/21/2009 22:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	11	U	11	4.0
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.1
86-73-7	Fluorene	11	U	11	3.4
100-01-6	4-Nitroaniline	21	U	21	4.2
534-52-1	4,6-Dinitro-2-methylphenol	32	U	32	5.5
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.1
118-74-1	Hexachlorobenzene	1.1	U	1.1	0.28
1912-24-9	Atrazine	11	U	11	5.0
87-86-5	Pentachlorophenol	32	U	32	5.4
85-01-8	Phenanthrene	11	U	11	3.7
120-12-7	Anthracene	11	U	11	3.7
86-74-8	Carbazole	11	U	11	3.2
84-74-2	Di-n-butyl phthalate	11	U	11	2.9
206-44-0	Fluoranthene	11	U	11	2.8
129-00-0	Pyrene	11	U	11	4.5
85-68-7	Butyl benzyl phthalate	11	U	11	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U *	21	7.3
56-55-3	Benzo[a]anthracene	1.1	U	1.1	0.28
218-01-9	Chrysene	11	U	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.5
117-84-0	Di-n-octyl phthalate	11	U	11	2.0
205-99-2	Benzo[b]fluoranthene	1.1	U	1.1	0.22
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.32
50-32-8	Benzo[a]pyrene	1.1	U	1.1	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.17
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.9
92-52-4	Diphenyl	11	U	11	5.7
106-44-5	4-Methylphenol	11	U	11	1.7
108-60-1	bis (2-chloroisopropyl) ether	11	U	11	3.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-02 Lab Sample ID: 460-4835-2

Matrix: Water Lab File ID: x2096.d

Analysis Method: 8270C Date Collected: 08/17/2009 14:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/21/2009 22:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	44	19-66	
321-60-8	2-Fluorobiphenyl	88	53-110	
4165-62-2	Phenol-d5	31	13-44	
4165-60-0	Nitrobenzene-d5	96	49-114	
118-79-6	2,4,6-Tribromophenol	96	52-122	
1718-51-0	Terphenyl-d14	101	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2096.d
Report Date: 22-Aug-2009 22:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2096.d
Lab Smp Id: 460-4835-E-2-A Client Smp ID: GW-017338-081709-AC
Inj Date : 21-AUG-2009 22:42
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4835-E-2-A
Misc Info : 460-4835-E-2-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.637	2.637	(0.675)	325987	22.0743	46
$ 17 Phenol-d5 (SUR)	99	3.548	3.578	(0.908)	246886	15.5787	33
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	448303	40.0000	
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	3636	0.21800	0.46(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	727358	48.1127	100
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1609665	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1330463	43.9897	93
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	854638	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.736	7.742	(1.112)	155797	47.9091	100
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	1117935	40.0000	
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	837073	50.7100	110
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	613971	40.0000	
* 84 Perylene-d12	264	12.895	12.889	(1.000)	383732	40.0000	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2096.d
Report Date: 22-Aug-2009 22:13

QC Flag Legend

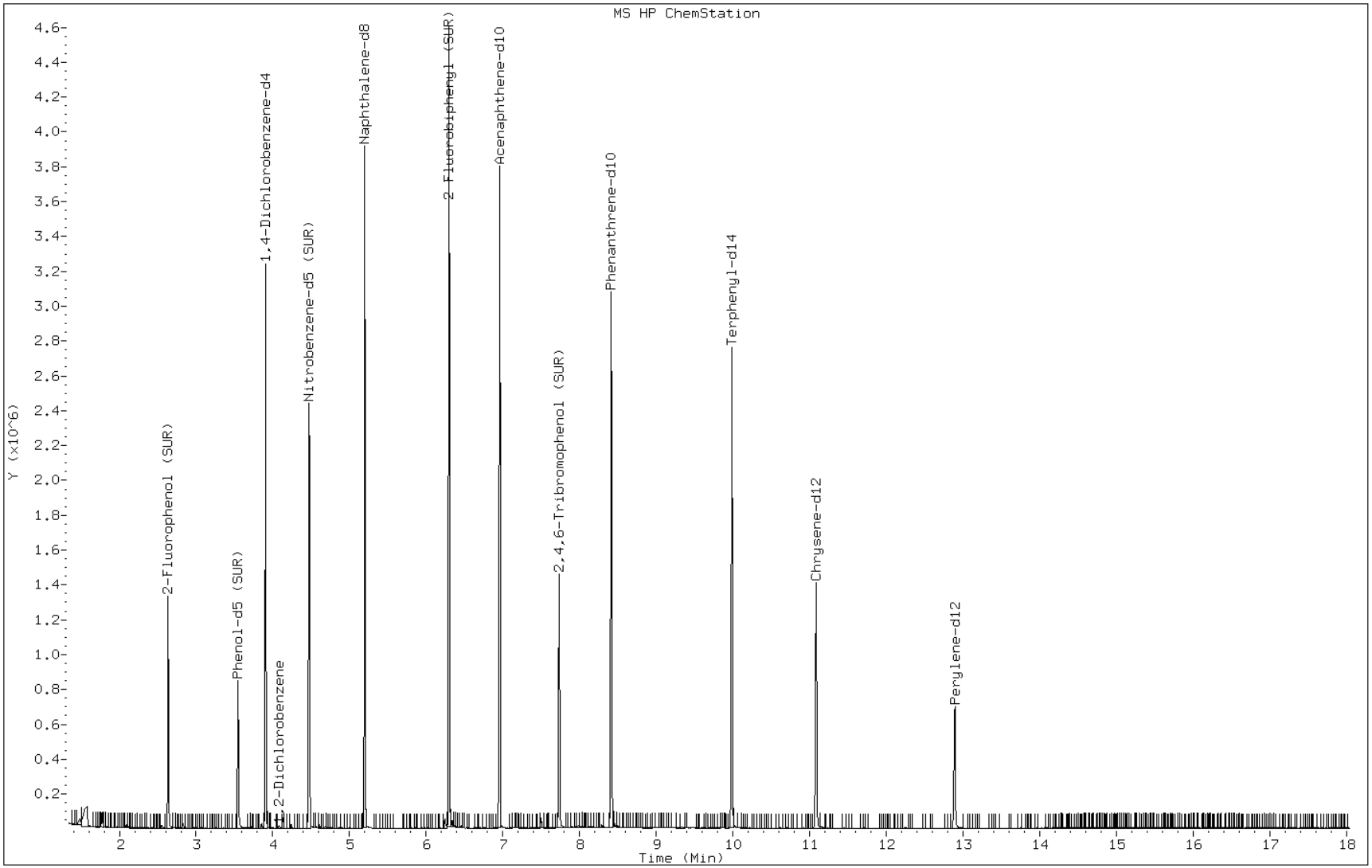
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x2096.d

Date: 21-AUG-2009 22:42

Client ID: GW-017338-081709-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-03 | Lab Sample ID: 460-4835-3

Matrix: Water | Lab File ID: x2097.d

Analysis Method: 8270C | Date Collected: 08/17/2009 15:40

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) | Date Analyzed: 08/21/2009 23:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	11	U	11	1.4
108-95-2	Phenol	11	U	11	0.94
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.43
95-57-8	2-Chlorophenol	11	U	11	2.8
95-48-7	2-Methylphenol	11	U	11	1.7
98-86-2	Acetophenone	11	U	11	4.5
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.34
67-72-1	Hexachloroethane	1.1	U	1.1	0.53
98-95-3	Nitrobenzene	1.1	U	1.1	0.43
78-59-1	Isophorone	11	U	11	3.8
88-75-5	2-Nitrophenol	11	U	11	3.6
105-67-9	2,4-Dimethylphenol	11	U	11	2.6
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.7
120-83-2	2,4-Dichlorophenol	11	U	11	2.9
91-20-3	Naphthalene	11	U	11	3.9
106-47-8	4-Chloroaniline	11	U	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.99
105-60-2	Caprolactam	11	U	11	0.53
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.1
91-57-6	2-Methylnaphthalene	11	U	11	3.3
77-47-4	Hexachlorocyclopentadiene	11	U	11	4.8
88-06-2	2,4,6-Trichlorophenol	11	U	11	3.3
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.6
91-58-7	2-Chloronaphthalene	11	U	11	3.9
88-74-4	2-Nitroaniline	21	U	21	6.0
131-11-3	Dimethyl phthalate	11	U	11	3.4
208-96-8	Acenaphthylene	11	U	11	4.2
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.62
99-09-2	3-Nitroaniline	21	U *	21	4.6
83-32-9	Acenaphthene	11	U	11	4.0
51-28-5	2,4-Dinitrophenol	32	U	32	5.1
100-02-7	4-Nitrophenol	32	U	32	2.4
132-64-9	Dibenzofuran	11	U	11	3.8
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-03 Lab Sample ID: 460-4835-3

Matrix: Water Lab File ID: x2097.d

Analysis Method: 8270C Date Collected: 08/17/2009 15:40

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/21/2009 23:07

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	11	U	11	4.0
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.1
86-73-7	Fluorene	11	U	11	3.4
100-01-6	4-Nitroaniline	21	U	21	4.2
534-52-1	4,6-Dinitro-2-methylphenol	32	U	32	5.5
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.1
118-74-1	Hexachlorobenzene	1.1	U	1.1	0.28
1912-24-9	Atrazine	11	U	11	5.0
87-86-5	Pentachlorophenol	32	U	32	5.4
85-01-8	Phenanthrene	11	U	11	3.7
120-12-7	Anthracene	11	U	11	3.7
86-74-8	Carbazole	11	U	11	3.2
84-74-2	Di-n-butyl phthalate	11	U	11	2.9
206-44-0	Fluoranthene	11	U	11	2.8
129-00-0	Pyrene	11	U	11	4.5
85-68-7	Butyl benzyl phthalate	11	U	11	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U *	21	7.3
56-55-3	Benzo[a]anthracene	1.1	U	1.1	0.28
218-01-9	Chrysene	11	U	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.5
117-84-0	Di-n-octyl phthalate	11	U	11	2.0
205-99-2	Benzo[b]fluoranthene	1.1	U	1.1	0.22
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.32
50-32-8	Benzo[a]pyrene	1.1	U	1.1	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.17
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.9
92-52-4	Diphenyl	11	U	11	5.7
106-44-5	4-Methylphenol	11	U	11	1.7
108-60-1	bis (2-chloroisopropyl) ether	11	U	11	3.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081709-ACH-03 Lab Sample ID: 460-4835-3

Matrix: Water Lab File ID: x2097.d

Analysis Method: 8270C Date Collected: 08/17/2009 15:40

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/21/2009 23:07

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	46	19-66	
321-60-8	2-Fluorobiphenyl	90	53-110	
4165-62-2	Phenol-d5	32	13-44	
4165-60-0	Nitrobenzene-d5	102	49-114	
118-79-6	2,4,6-Tribromophenol	97	52-122	
1718-51-0	Terphenyl-d14	109	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2097.d
Report Date: 22-Aug-2009 22:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2097.d
Lab Smp Id: 460-4835-D-3-A Client Smp ID: GW-017338-081709-AC
Inj Date : 21-AUG-2009 23:07
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4835-D-3-A
Misc Info : 460-4835-D-3-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.637	2.637	(0.675)	349524	22.9373	48
$ 17 Phenol-d5 (SUR)	99	3.549	3.578	(0.908)	262593	16.0582	34
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	462586	40.0000	
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	3239	0.18820	0.40(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	799370	50.9716	110
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1669809	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1453940	45.2116	95
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	908714	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.737	7.742	(1.112)	167228	48.3641	100
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	1191681	40.0000	
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	904257	54.3210	110
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	619159	40.0000	
* 84 Perylene-d12	264	12.895	12.889	(1.000)	378821	40.0000	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2097.d
Report Date: 22-Aug-2009 22:14

QC Flag Legend

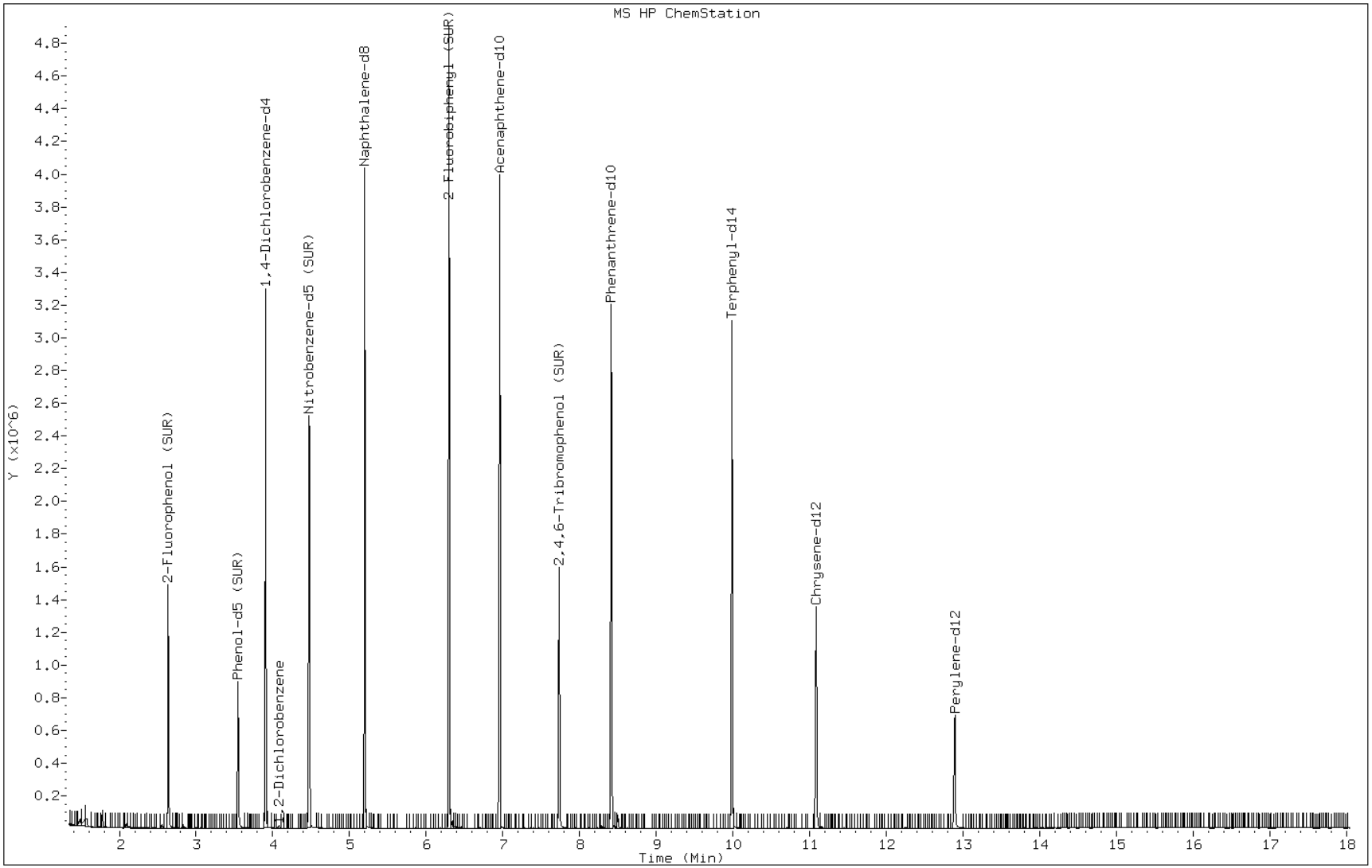
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x2097.d

Date: 21-AUG-2009 23:07

Client ID: GW-017338-081709-AC Instrument: BNAMS5.i

Sample Info: 460-4835-D-3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-04 | Lab Sample ID: 460-4835-4

Matrix: Water | Lab File ID: x2098.d

Analysis Method: 8270C | Date Collected: 08/18/2009 09:30

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 970(mL) | Date Analyzed: 08/21/2009 23:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.4
108-95-2	Phenol	10	U	10	0.92
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
95-57-8	2-Chlorophenol	10	U	10	2.7
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
67-72-1	Hexachloroethane	1.0	U	1.0	0.52
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.8
106-47-8	4-Chloroaniline	10	U	10	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.97
105-60-2	Caprolactam	10	U	10	0.52
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.1
91-57-6	2-Methylnaphthalene	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.3
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	3.9
88-74-4	2-Nitroaniline	21	U	21	5.9
131-11-3	Dimethyl phthalate	10	U	10	3.4
208-96-8	Acenaphthylene	10	U	10	4.2
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.61
99-09-2	3-Nitroaniline	21	U *	21	4.5
83-32-9	Acenaphthene	10	U	10	3.9
51-28-5	2,4-Dinitrophenol	31	U	31	5.0
100-02-7	4-Nitrophenol	31	U	31	2.4
132-64-9	Dibenzofuran	10	U	10	3.7
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-04 | Lab Sample ID: 460-4835-4

Matrix: Water | Lab File ID: x2098.d

Analysis Method: 8270C | Date Collected: 08/18/2009 09:30

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 970(mL) | Date Analyzed: 08/21/2009 23:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.4
100-01-6	4-Nitroaniline	21	U	21	4.1
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.4
86-30-6	N-Nitrosodiphenylamine	10	U	10	4.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.28
1912-24-9	Atrazine	10	U	10	4.9
87-86-5	Pentachlorophenol	31	U	31	5.3
85-01-8	Phenanthrene	10	U	10	3.7
120-12-7	Anthracene	10	U	10	3.7
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U *	21	7.2
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.28
218-01-9	Chrysene	10	U	10	3.9
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.5
117-84-0	Di-n-octyl phthalate	10	U	10	2.0
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.22
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8
92-52-4	Diphenyl	10	U	10	5.6
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-04 Lab Sample ID: 460-4835-4

Matrix: Water Lab File ID: x2098.d

Analysis Method: 8270C Date Collected: 08/18/2009 09:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 970(mL) Date Analyzed: 08/21/2009 23:32

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	48	19-66	
321-60-8	2-Fluorobiphenyl	95	53-110	
4165-62-2	Phenol-d5	33	13-44	
4165-60-0	Nitrobenzene-d5	103	49-114	
118-79-6	2,4,6-Tribromophenol	110	52-122	
1718-51-0	Terphenyl-d14	110	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2098.d
Report Date: 24-Aug-2009 10:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2098.d
Lab Smp Id: 460-4835-E-4-A Client Smp ID: GW-017338-081809-AC
Inj Date : 21-AUG-2009 23:32
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4835-E-4-A
Misc Info : 460-4835-E-4-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.631	2.637	(0.673)	278152	24.1926	50
$ 17 Phenol-d5 (SUR)	99	3.548	3.578	(0.908)	203417	16.4868	34
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	349026	40.0000	
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	2295	0.17674	0.36(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	590246	51.5450	110
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1219252	40.0000	
120 1-Methylnaphthalene	142	6.019	6.025	(1.157)	1488	0.07745	0.16(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1043261	47.4516	98
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	621259	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.736	7.742	(1.112)	129545	54.8011	110
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	792439	40.0000	
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	663131	54.7607	110
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	450411	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	277193	40.0000	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2098.d
Report Date: 24-Aug-2009 10:58

QC Flag Legend

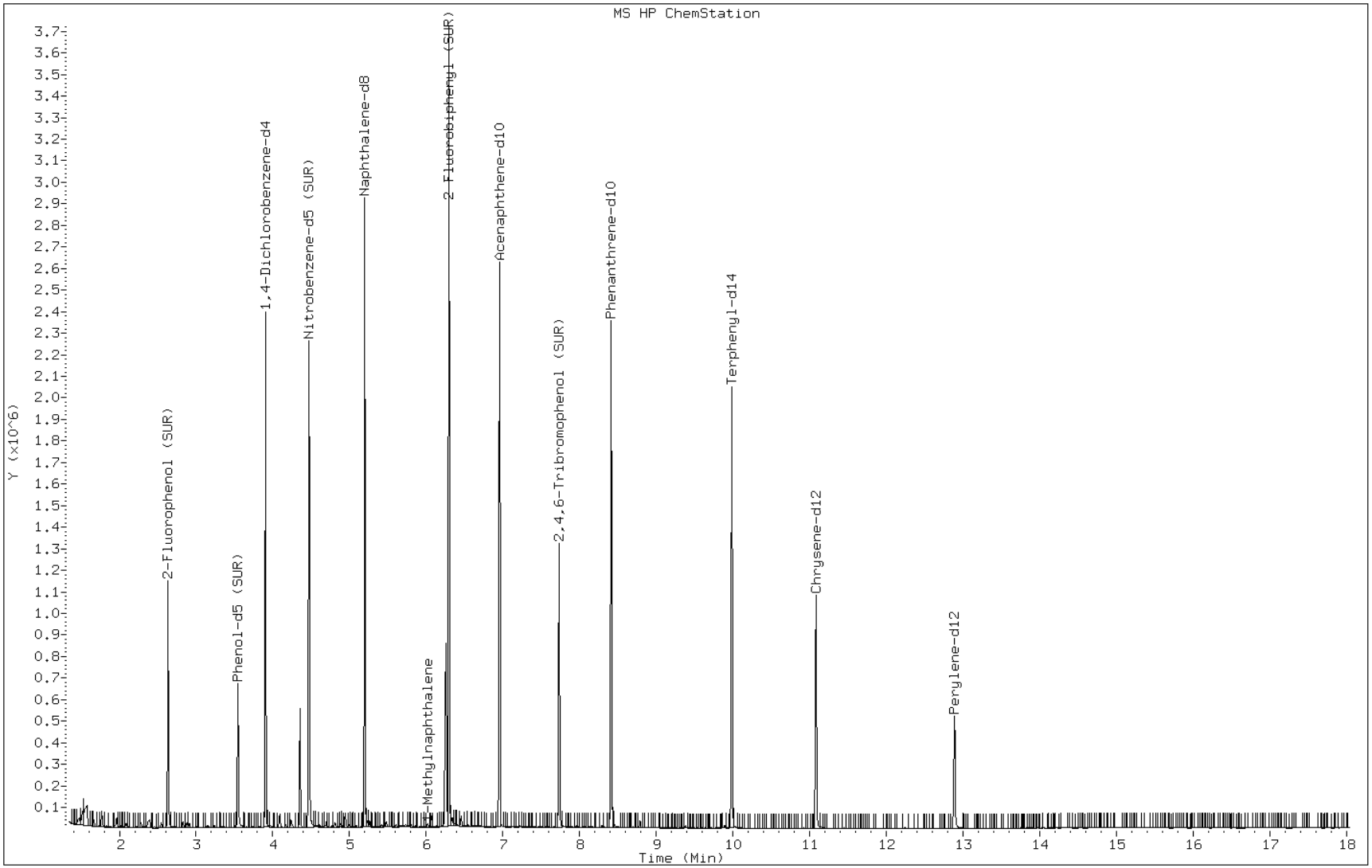
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x2098.d

Date: 21-AUG-2009 23:32

Client ID: GW-017338-081809-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-4-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-05 Lab Sample ID: 460-4835-5

Matrix: Water Lab File ID: x2099.d

Analysis Method: 8270C Date Collected: 08/18/2009 10:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/21/2009 23:57

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	11	U	11	1.4
108-95-2	Phenol	11	U	11	0.94
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.43
95-57-8	2-Chlorophenol	11	U	11	2.8
95-48-7	2-Methylphenol	11	U	11	1.7
98-86-2	Acetophenone	11	U	11	4.5
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.34
67-72-1	Hexachloroethane	1.1	U	1.1	0.53
98-95-3	Nitrobenzene	1.1	U	1.1	0.43
78-59-1	Isophorone	11	U	11	3.8
88-75-5	2-Nitrophenol	11	U	11	3.6
105-67-9	2,4-Dimethylphenol	11	U	11	2.6
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.7
120-83-2	2,4-Dichlorophenol	11	U	11	2.9
91-20-3	Naphthalene	83		11	3.9
106-47-8	4-Chloroaniline	11	U	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.99
105-60-2	Caprolactam	11	U	11	0.53
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.1
91-57-6	2-Methylnaphthalene	11	U	11	3.3
77-47-4	Hexachlorocyclopentadiene	11	U	11	4.8
88-06-2	2,4,6-Trichlorophenol	11	U	11	3.3
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.6
91-58-7	2-Chloronaphthalene	11	U	11	3.9
88-74-4	2-Nitroaniline	21	U	21	6.0
131-11-3	Dimethyl phthalate	11	U	11	3.4
208-96-8	Acenaphthylene	11	U	11	4.2
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.62
99-09-2	3-Nitroaniline	21	U *	21	4.6
83-32-9	Acenaphthene	11	U	11	4.0
51-28-5	2,4-Dinitrophenol	32	U	32	5.1
100-02-7	4-Nitrophenol	32	U	32	2.4
132-64-9	Dibenzofuran	11	U	11	3.8
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-05 Lab Sample ID: 460-4835-5

Matrix: Water Lab File ID: x2099.d

Analysis Method: 8270C Date Collected: 08/18/2009 10:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/21/2009 23:57

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	11	U	11	4.0
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.1
86-73-7	Fluorene	11	U	11	3.4
100-01-6	4-Nitroaniline	21	U	21	4.2
534-52-1	4,6-Dinitro-2-methylphenol	32	U	32	5.5
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.1
118-74-1	Hexachlorobenzene	1.1	U	1.1	0.28
1912-24-9	Atrazine	11	U	11	5.0
87-86-5	Pentachlorophenol	32	U	32	5.4
85-01-8	Phenanthrene	11	U	11	3.7
120-12-7	Anthracene	11	U	11	3.7
86-74-8	Carbazole	11	U	11	3.2
84-74-2	Di-n-butyl phthalate	11	U	11	2.9
206-44-0	Fluoranthene	11	U	11	2.8
129-00-0	Pyrene	11	U	11	4.5
85-68-7	Butyl benzyl phthalate	11	U	11	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U *	21	7.3
56-55-3	Benzo[a]anthracene	1.1	U	1.1	0.28
218-01-9	Chrysene	11	U	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.5
117-84-0	Di-n-octyl phthalate	11	U	11	2.0
205-99-2	Benzo[b]fluoranthene	1.1	U	1.1	0.22
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.32
50-32-8	Benzo[a]pyrene	1.1	U	1.1	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.17
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.9
92-52-4	Diphenyl	11	U	11	5.7
106-44-5	4-Methylphenol	11	U	11	1.7
108-60-1	bis (2-chloroisopropyl) ether	11	U	11	3.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-05 Lab Sample ID: 460-4835-5

Matrix: Water Lab File ID: x2099.d

Analysis Method: 8270C Date Collected: 08/18/2009 10:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/21/2009 23:57

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	49	19-66	
321-60-8	2-Fluorobiphenyl	95	53-110	
4165-62-2	Phenol-d5	35	13-44	
4165-60-0	Nitrobenzene-d5	99	49-114	
118-79-6	2,4,6-Tribromophenol	111	52-122	
1718-51-0	Terphenyl-d14	103	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2099.d
Report Date: 22-Aug-2009 22:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2099.d
Lab Smp Id: 460-4835-E-5-A Client Smp ID: GW-017338-081809-AC
Inj Date : 21-AUG-2009 23:57
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4835-E-5-A
Misc Info : 460-4835-E-5-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.637	2.637	(0.675)	341974	24.2540	51
$ 17 Phenol-d5 (SUR)	99	3.548	3.578	(0.908)	261418	17.2773	36
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	428023	40.0000	
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	3363	0.21119	0.44(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.478	4.484	(0.861)	669388	49.4158	100
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1442311	40.0000	
31 Naphthalene	128	5.225	5.231	(1.005)	1524829	39.3065	83
34 2-Methylnaphthalene	142	5.919	5.925	(1.138)	5316	0.22510	0.47(a)
120 1-Methylnaphthalene	142	6.019	6.025	(1.157)	40090	1.76405	3.7(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1229666	47.2809	100
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	734906	40.0000	
42 Acenaphthene	154	6.983	6.995	(1.003)	10782	0.53645	1.1(a)
43 Dibenzofuran	168	7.154	7.166	(1.028)	8632	0.32241	0.68(a)
47 Fluorene	166	7.495	7.501	(1.077)	6490	0.30749	0.65(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.736	7.742	(1.112)	155864	55.7385	120

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2099.d
Report Date: 22-Aug-2009 22:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	905306	40.0000	
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	674527	51.6804	110
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	485458	40.0000	
* 84 Perylene-d12	264	12.895	12.889	(1.000)	313458	40.0000	

QC Flag Legend

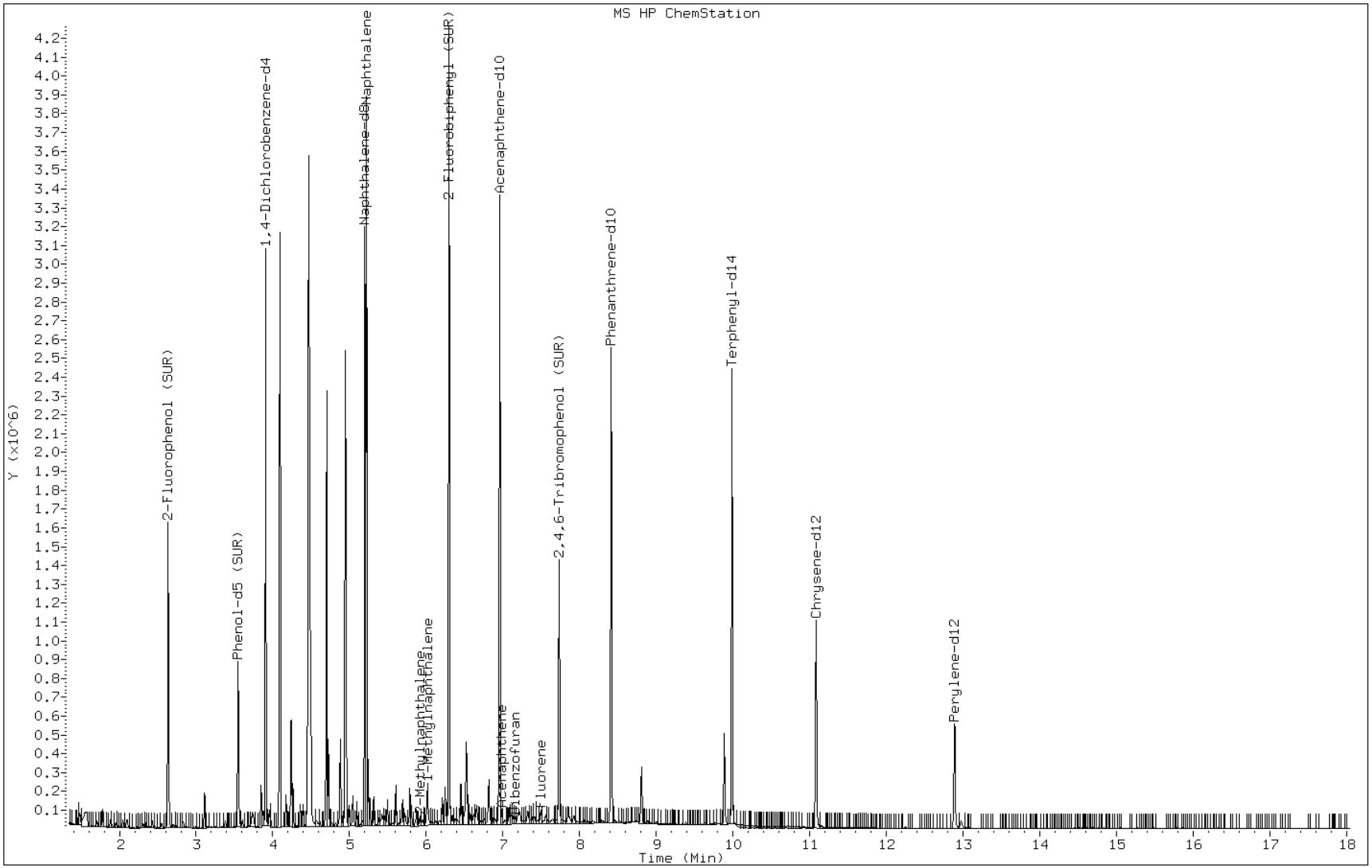
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x2099.d

Date: 21-AUG-2009 23:57

Client ID: GW-017338-081809-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-5-A Operator: BNAMS 4



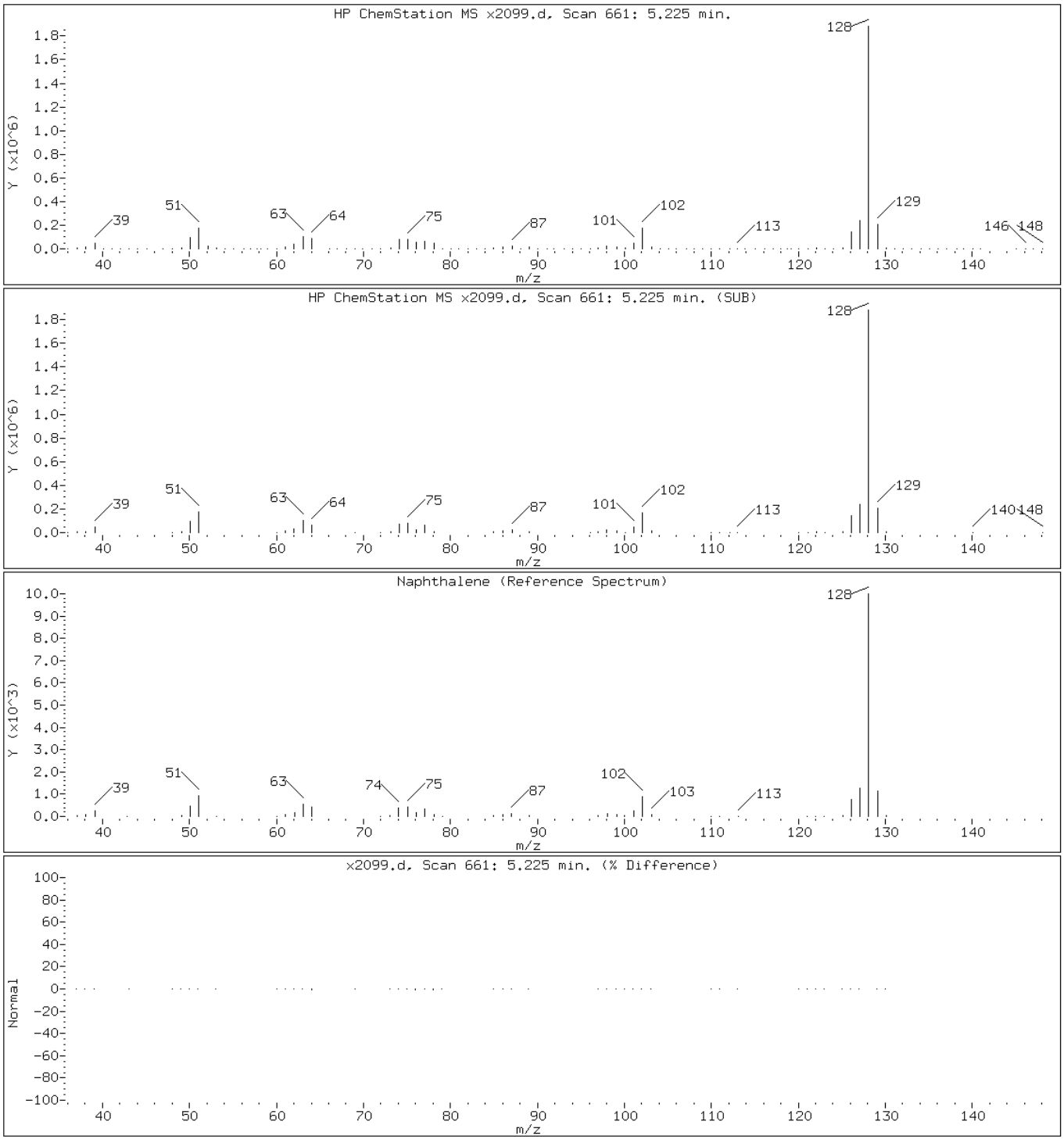
Data File: x2099.d

Date: 21-AUG-2009 23:57

Client ID: GW-017338-081809-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-5-A Operator: BNAMS 4

31 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 | Lab Sample ID: 460-4835-6

Matrix: Water | Lab File ID: x2100.d

Analysis Method: 8270C | Date Collected: 08/18/2009 11:40

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) | Date Analyzed: 08/22/2009 00:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	11	U	11	1.4
108-95-2	Phenol	11	U	11	0.94
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.43
95-57-8	2-Chlorophenol	11	U	11	2.8
95-48-7	2-Methylphenol	11	U	11	1.7
98-86-2	Acetophenone	11	U	11	4.5
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.34
67-72-1	Hexachloroethane	1.1	U	1.1	0.53
98-95-3	Nitrobenzene	1.1	U	1.1	0.43
78-59-1	Isophorone	11	U	11	3.8
88-75-5	2-Nitrophenol	11	U	11	3.6
105-67-9	2,4-Dimethylphenol	11	U	11	2.6
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.7
120-83-2	2,4-Dichlorophenol	11	U	11	2.9
91-20-3	Naphthalene	11	U	11	3.9
106-47-8	4-Chloroaniline	11	U	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.99
105-60-2	Caprolactam	11	U	11	0.53
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.1
91-57-6	2-Methylnaphthalene	11	U	11	3.3
77-47-4	Hexachlorocyclopentadiene	11	U	11	4.8
88-06-2	2,4,6-Trichlorophenol	11	U	11	3.3
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.6
91-58-7	2-Chloronaphthalene	11	U	11	3.9
88-74-4	2-Nitroaniline	21	U	21	6.0
131-11-3	Dimethyl phthalate	11	U	11	3.4
208-96-8	Acenaphthylene	11	U	11	4.2
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.62
99-09-2	3-Nitroaniline	21	U *	21	4.6
83-32-9	Acenaphthene	11	U	11	4.0
51-28-5	2,4-Dinitrophenol	32	U	32	5.1
100-02-7	4-Nitrophenol	32	U	32	2.4
132-64-9	Dibenzofuran	11	U	11	3.8
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 Lab Sample ID: 460-4835-6

Matrix: Water Lab File ID: x2100.d

Analysis Method: 8270C Date Collected: 08/18/2009 11:40

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/22/2009 00:22

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	11	U	11	4.0
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.1
86-73-7	Fluorene	11	U	11	3.4
100-01-6	4-Nitroaniline	21	U	21	4.2
534-52-1	4,6-Dinitro-2-methylphenol	32	U	32	5.5
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.1
118-74-1	Hexachlorobenzene	1.1	U	1.1	0.28
1912-24-9	Atrazine	11	U	11	5.0
87-86-5	Pentachlorophenol	32	U	32	5.4
85-01-8	Phenanthrene	11	U	11	3.7
120-12-7	Anthracene	11	U	11	3.7
86-74-8	Carbazole	11	U	11	3.2
84-74-2	Di-n-butyl phthalate	11	U	11	2.9
206-44-0	Fluoranthene	11	U	11	2.8
129-00-0	Pyrene	11	U	11	4.5
85-68-7	Butyl benzyl phthalate	11	U	11	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U *	21	7.3
56-55-3	Benzo[a]anthracene	1.1	U	1.1	0.28
218-01-9	Chrysene	11	U	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.5
117-84-0	Di-n-octyl phthalate	11	U	11	2.0
205-99-2	Benzo[b]fluoranthene	1.1	U	1.1	0.22
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.32
50-32-8	Benzo[a]pyrene	1.1	U	1.1	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.17
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.9
92-52-4	Diphenyl	11	U	11	5.7
106-44-5	4-Methylphenol	11	U	11	1.7
108-60-1	bis (2-chloroisopropyl) ether	11	U	11	3.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-06 Lab Sample ID: 460-4835-6

Matrix: Water Lab File ID: x2100.d

Analysis Method: 8270C Date Collected: 08/18/2009 11:40

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/22/2009 00:22

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	36	19-66	
321-60-8	2-Fluorobiphenyl	94	53-110	
4165-62-2	Phenol-d5	32	13-44	
4165-60-0	Nitrobenzene-d5	102	49-114	
118-79-6	2,4,6-Tribromophenol	108	52-122	
1718-51-0	Terphenyl-d14	103	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2100.d
Report Date: 23-Aug-2009 15:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2100.d
Lab Smp Id: 460-4835-D-6-A Client Smp ID: GW-017338-081809-AC
Inj Date : 22-AUG-2009 00:22
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4835-D-6-A
Misc Info : 460-4835-D-6-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.643	2.637	(0.676)	226147	18.1534	38
$ 17 Phenol-d5 (SUR)	99	3.549	3.578	(0.908)	214447	16.0412	34
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	378174	40.0000	
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	2816	0.20015	0.42(a)
3 2-Methylphenol	108	4.184	4.201	(1.071)	1927	0.19069	0.40(a)
104 Acetophenone	105	4.319	4.337	(1.105)	8103	0.53518	1.1(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	627676	50.7997	110
6 2,4-Dimethylphenol	122	4.884	4.895	(0.939)	10448	1.03781	2.2(a)
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1315592	40.0000	
31 Naphthalene	128	5.219	5.231	(1.003)	53203	1.50355	3.2(a)
34 2-Methylnaphthalene	142	5.919	5.925	(1.138)	26685	1.23876	2.6(a)
120 1-Methylnaphthalene	142	6.019	6.025	(1.157)	21686	1.04615	2.2(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1138577	46.8769	99
102 Diphenyl	154	6.390	6.401	(0.918)	3984	0.14450	0.30(a)
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	686331	40.0000	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2100.d
Report Date: 23-Aug-2009 15:57

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.737	7.742	(1.112)	140609	53.8419	110
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	881738	40.0000	
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	664880	51.3178	110
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	481896	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	302905	40.0000	

QC Flag Legend

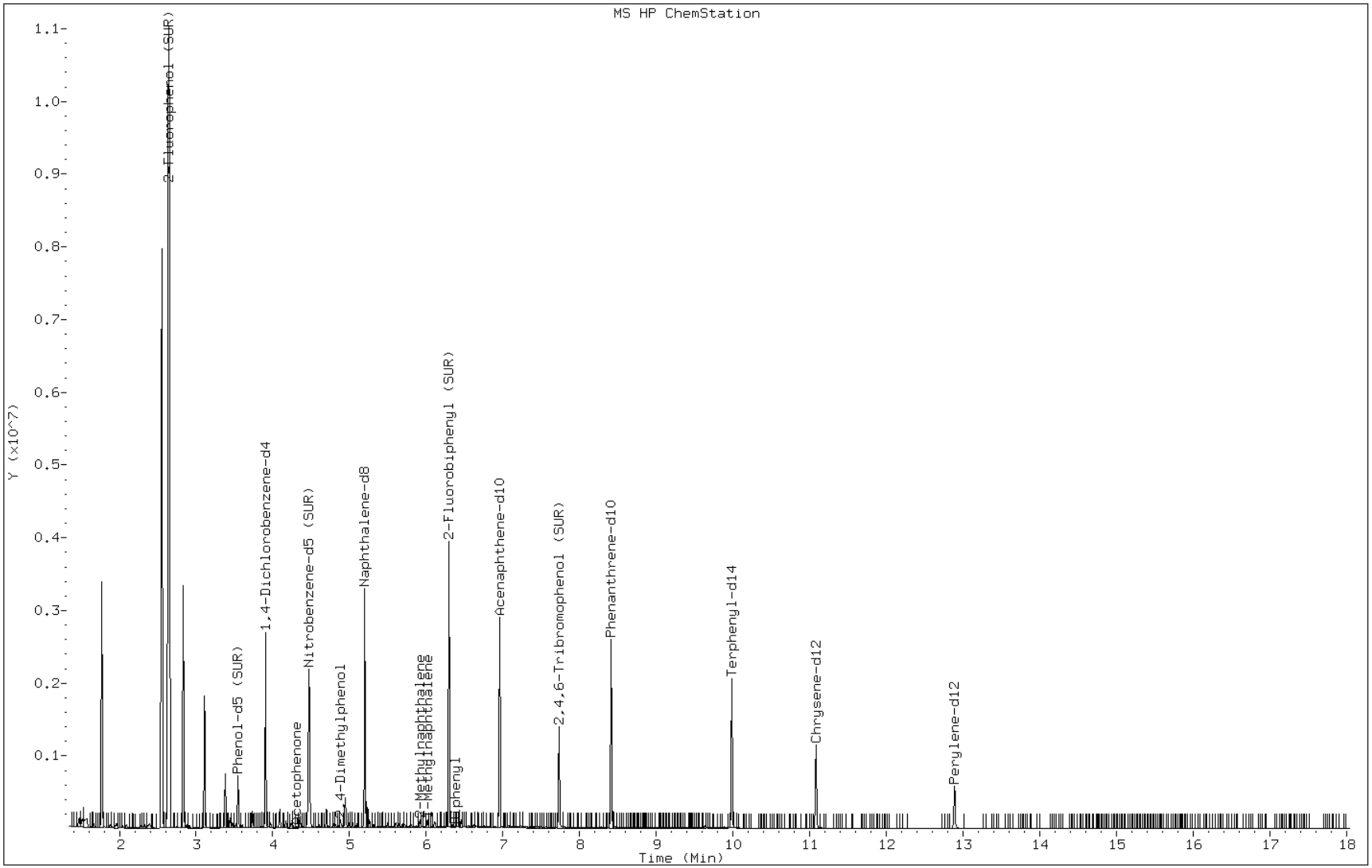
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x2100.d

Date: 22-AUG-2009 00:22

Client ID: GW-017338-081809-AC Instrument: BNAMS5.i

Sample Info: 460-4835-D-6-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-07 | Lab Sample ID: 460-4835-7

Matrix: Water | Lab File ID: x2101.d

Analysis Method: 8270C | Date Collected: 08/18/2009 13:40

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 990(mL) | Date Analyzed: 08/22/2009 00:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.4
108-95-2	Phenol	10	U	10	0.90
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	9.7	J	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.95
105-60-2	Caprolactam	10	U	10	0.51
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.8
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.1
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
99-09-2	3-Nitroaniline	20	U *	20	4.4
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.9
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-07 Lab Sample ID: 460-4835-7

Matrix: Water Lab File ID: x2101.d

Analysis Method: 8270C Date Collected: 08/18/2009 13:40

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 990(mL) Date Analyzed: 08/22/2009 00:47

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.2
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U *	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.5
106-44-5	4-Methylphenol	10		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-07 Lab Sample ID: 460-4835-7

Matrix: Water Lab File ID: x2101.d

Analysis Method: 8270C Date Collected: 08/18/2009 13:40

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 990(mL) Date Analyzed: 08/22/2009 00:47

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	36	19-66	
321-60-8	2-Fluorobiphenyl	85	53-110	
4165-62-2	Phenol-d5	31	13-44	
4165-60-0	Nitrobenzene-d5	92	49-114	
118-79-6	2,4,6-Tribromophenol	105	52-122	
1718-51-0	Terphenyl-d14	95	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2101.d
Report Date: 23-Aug-2009 16:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2101.d
Lab Smp Id: 460-4835-E-7-A Client Smp ID: GW-017338-081809-AC
Inj Date : 22-AUG-2009 00:47
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4835-E-7-A
Misc Info : 460-4835-E-7-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.643	2.637	(0.676)	206389	17.8505	36
$ 17 Phenol-d5 (SUR)	99	3.549	3.578	(0.908)	191163	15.4070	31
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	350989	40.0000	
74 Benzyl Alcohol	108	4.054	4.072	(1.038)	3640	0.50040	1.0(a)
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	2197	0.16825	0.34(a)
3 2-Methylphenol	108	4.178	4.201	(1.069)	44869	4.78407	9.7(a)
4 4-Methylphenol	108	4.343	4.360	(1.111)	44126	5.04416	10(a)
124 3 & 4 Methylphenol	108	4.343	4.360	(1.111)	44126	5.07133	10(aA)
104 Acetophenone	105	4.319	4.337	(1.105)	18197	1.29496	2.6(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	515552	46.1727	93
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1188871	40.0000	
31 Naphthalene	128	5.219	5.231	(1.003)	51780	1.61931	3.3(a)
34 2-Methylnaphthalene	142	5.919	5.925	(1.138)	8941	0.45930	0.93(a)
120 1-Methylnaphthalene	142	6.019	6.025	(1.157)	6250	0.33364	0.67(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	928276	42.3646	86

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2101.d
Report Date: 23-Aug-2009 16:00

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	619162	40.0000	
42 Acenaphthene	154	6.984	6.995	(1.003)	3384	0.19984	0.40(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.736	7.742	(1.112)	124236	52.7332	110
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	769278	40.0000	
52 Phenanthrene	178	8.431	8.442	(1.002)	3269	0.14845	0.30(a)
54 Carbazole	167	8.648	8.654	(1.028)	2501	0.14360	0.29(a)
56 Fluoranthene	202	9.595	9.601	(1.141)	6742	0.36870	0.74(a)
57 Pyrene	202	9.813	9.819	(0.885)	3549	0.17399	0.35(a)
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	558108	47.3695	96
61 Benzo(a)anthracene	228	11.083	11.077	(1.000)	1229	0.10305	0.21(a)
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	438226	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	279087	40.0000	

QC Flag Legend

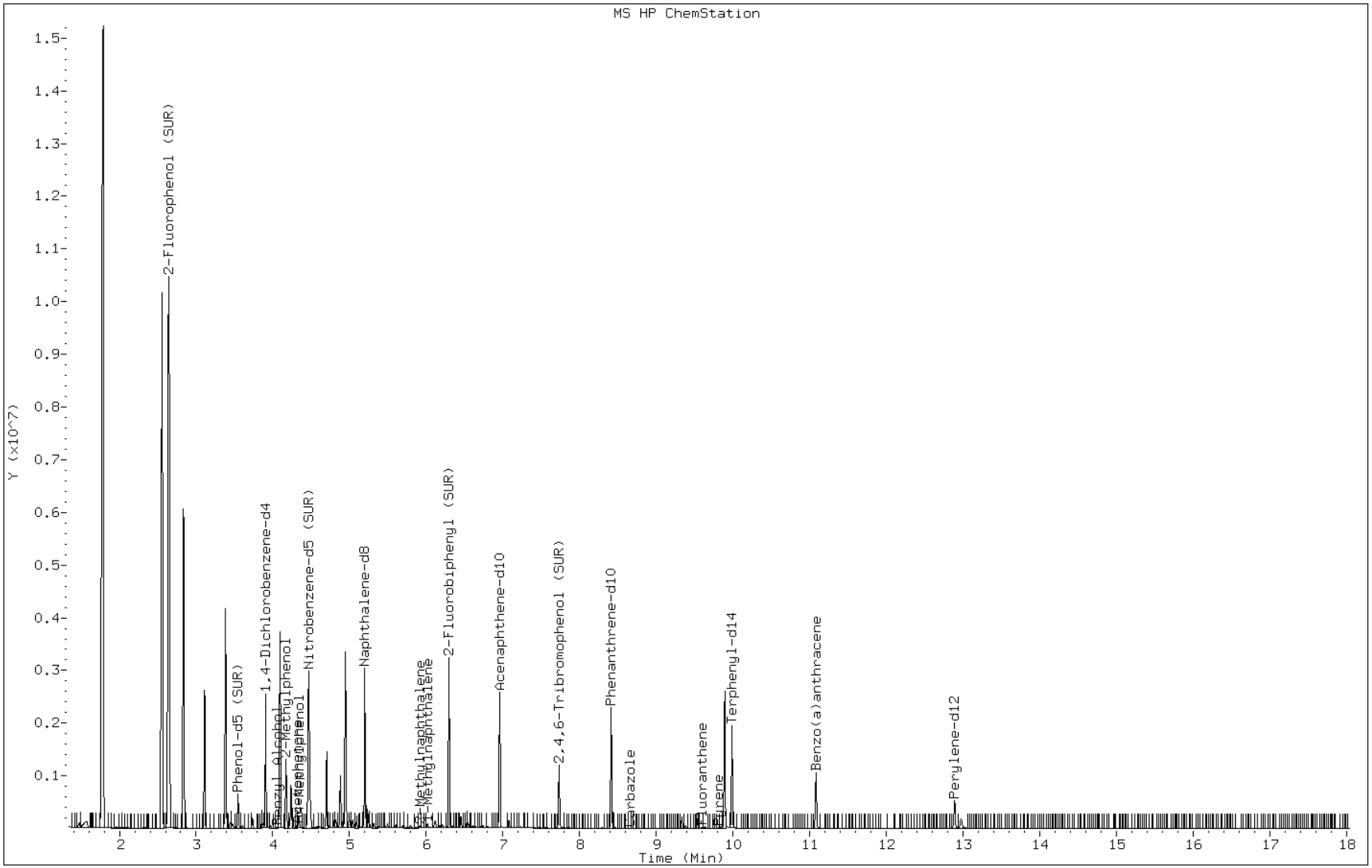
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: x2101.d

Date: 22-AUG-2009 00:47

Client ID: GW-017338-081809-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-7-A Operator: BNAMS 4



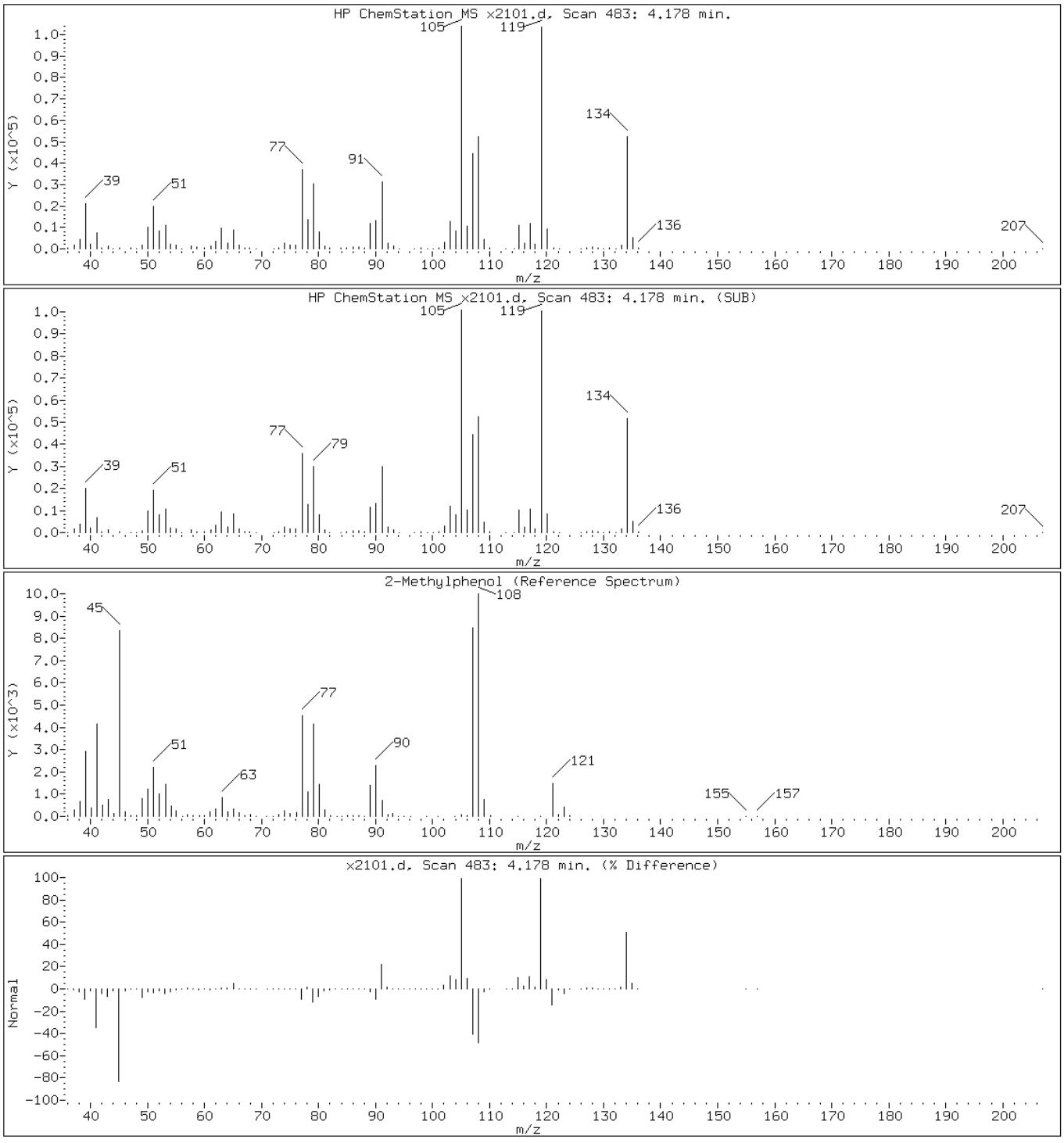
Data File: x2101.d

Date: 22-AUG-2009 00:47

Client ID: GW-017338-081809-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-7-A Operator: BNAMS 4

3 2-Methylphenol



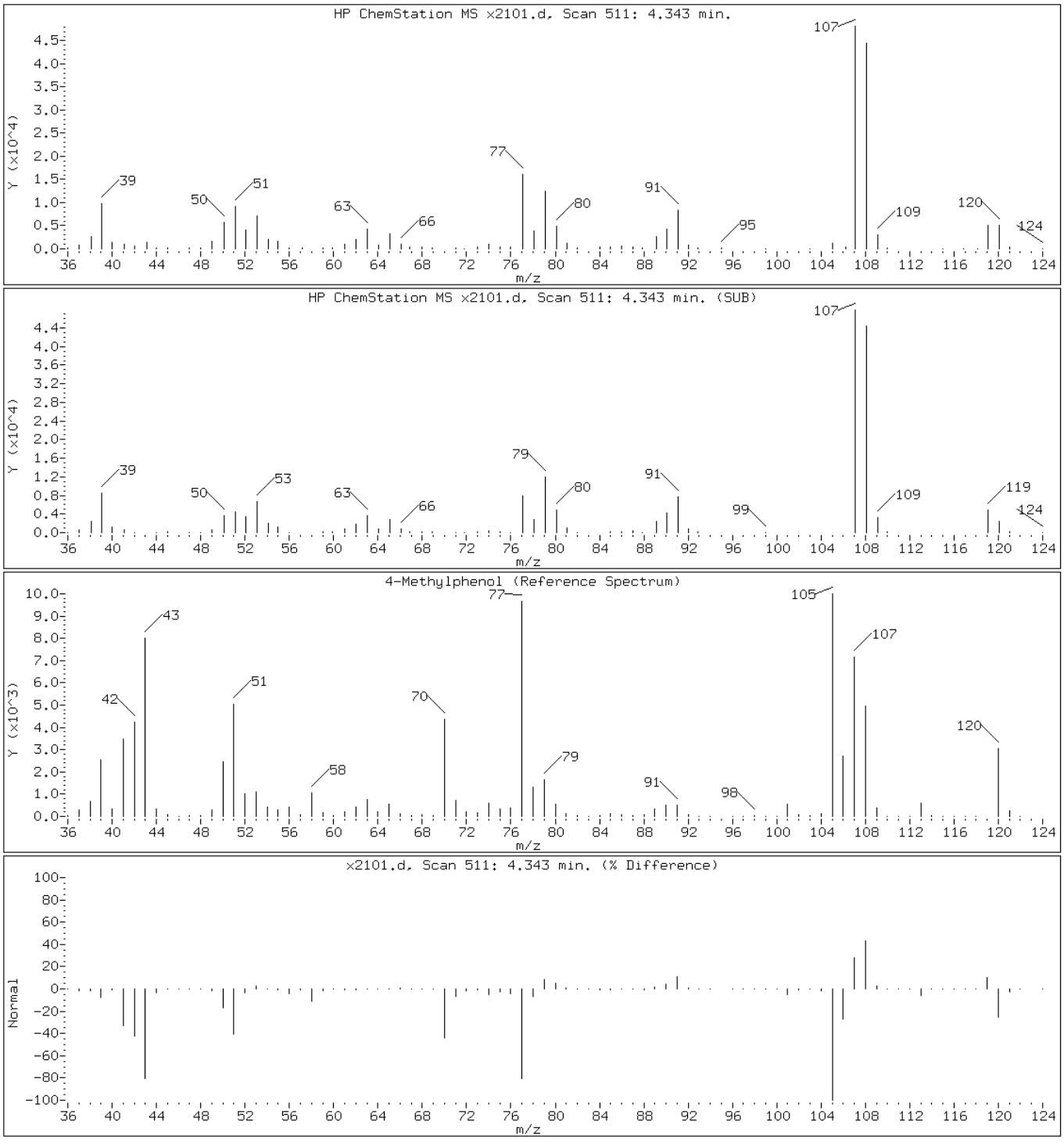
Data File: x2101.d

Date: 22-AUG-2009 00:47

Client ID: GW-017338-081809-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-7-A Operator: BNAMS 4

4 4-Methylphenol



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-08 | Lab Sample ID: 460-4835-8

Matrix: Water | Lab File ID: x2102.d

Analysis Method: 8270C | Date Collected: 08/18/2009 14:50

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 980(mL) | Date Analyzed: 08/22/2009 01:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.4
108-95-2	Phenol	10	U	10	0.91
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
95-57-8	2-Chlorophenol	10	U	10	2.7
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	33		10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
105-60-2	Caprolactam	10	U	10	0.51
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.8
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.1
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
99-09-2	3-Nitroaniline	20	U *	20	4.4
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
100-02-7	4-Nitrophenol	31	U	31	2.4
132-64-9	Dibenzofuran	10	U	10	3.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-08 Lab Sample ID: 460-4835-8

Matrix: Water Lab File ID: x2102.d

Analysis Method: 8270C Date Collected: 08/18/2009 14:50

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 980(mL) Date Analyzed: 08/22/2009 01:11

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.1
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.28
1912-24-9	Atrazine	10	U	10	4.9
87-86-5	Pentachlorophenol	31	U	31	5.2
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U *	20	7.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.28
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8
92-52-4	Diphenyl	10	U	10	5.5
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081809-ACH-08 Lab Sample ID: 460-4835-8

Matrix: Water Lab File ID: x2102.d

Analysis Method: 8270C Date Collected: 08/18/2009 14:50

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 980(mL) Date Analyzed: 08/22/2009 01:11

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	49	19-66	
321-60-8	2-Fluorobiphenyl	96	53-110	
4165-62-2	Phenol-d5	33	13-44	
4165-60-0	Nitrobenzene-d5	104	49-114	
118-79-6	2,4,6-Tribromophenol	107	52-122	
1718-51-0	Terphenyl-d14	103	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2102.d
Report Date: 23-Aug-2009 16:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2102.d
Lab Smp Id: 460-4835-E-8-A Client Smp ID: GW-017338-081809-AC
Inj Date : 22-AUG-2009 01:11
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4835-E-8-A
Misc Info : 460-4835-E-8-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.637	2.637	(0.675)	294014	24.5690	50
$ 17 Phenol-d5 (SUR)	99	3.554	3.578	(0.910)	210753	16.4113	33
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	363277	40.0000	
104 Acetophenone	105	4.319	4.337	(1.105)	17355	1.19326	2.4(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	604519	52.2299	110
6 2,4-Dimethylphenol	122	4.890	4.895	(0.940)	8223	0.87196	1.8(a)
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1232362	40.0000	
31 Naphthalene	128	5.219	5.231	(1.003)	533377	16.0916	33
34 2-Methylnaphthalene	142	5.919	5.925	(1.138)	10369	0.51385	1.0(a)
120 1-Methylnaphthalene	142	6.019	6.025	(1.157)	5852	0.30137	0.62(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1013420	47.8311	98
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	598700	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.736	7.742	(1.112)	121604	53.3801	110
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	726229	40.0000	
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	569502	51.2718	100

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2102.d
Report Date: 23-Aug-2009 16:02

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	413138	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	263007	40.0000	

QC Flag Legend

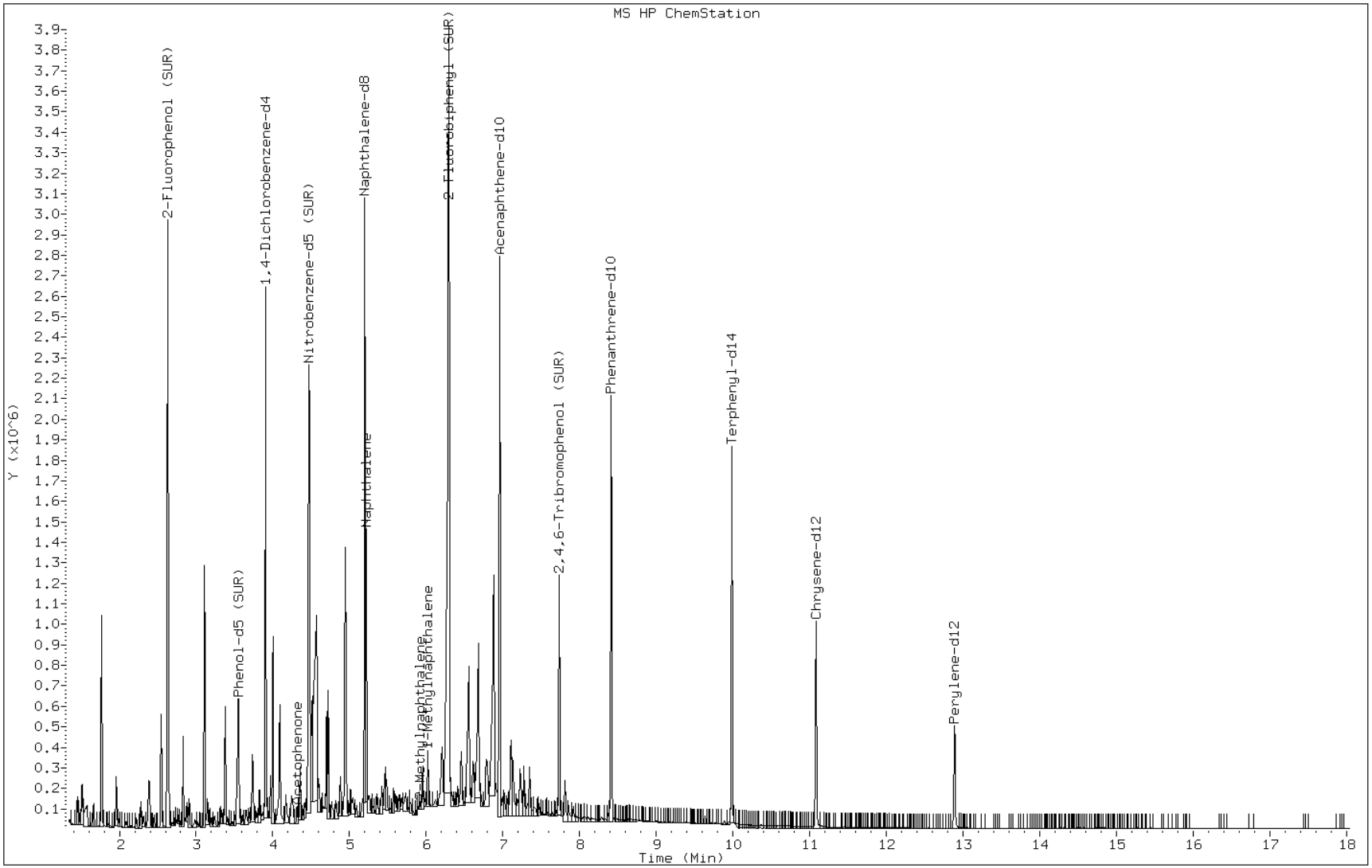
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x2102.d

Date: 22-AUG-2009 01:11

Client ID: GW-017338-081809-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-8-A Operator: BNAMS 4



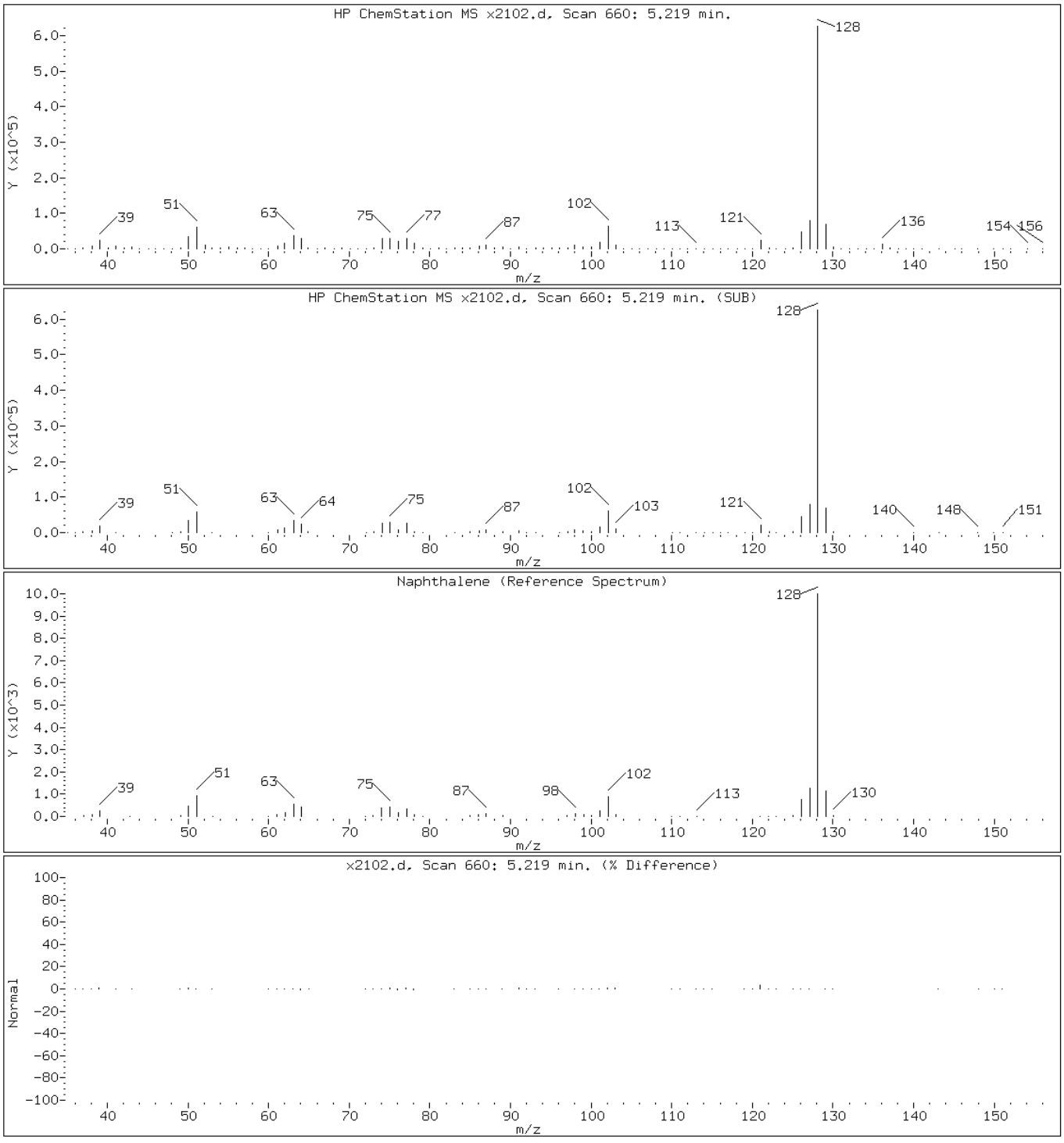
Data File: x2102.d

Date: 22-AUG-2009 01:11

Client ID: GW-017338-081809-AC Instrument: BNAMS5.i

Sample Info: 460-4835-E-8-A Operator: BNAMS 4

31 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-09 | Lab Sample ID: 460-4869-1

Matrix: Water | Lab File ID: x2086.d

Analysis Method: 8270C | Date Collected: 08/19/2009 09:00

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 900(mL) | Date Analyzed: 08/21/2009 18:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	11	U	11	1.5
108-95-2	Phenol	11	U	11	0.99
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.46
95-57-8	2-Chlorophenol	11	U	11	2.9
95-48-7	2-Methylphenol	11	U	11	1.8
98-86-2	Acetophenone	11	U	11	4.8
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.36
67-72-1	Hexachloroethane	1.1	U	1.1	0.56
98-95-3	Nitrobenzene	1.1	U	1.1	0.46
78-59-1	Isophorone	11	U	11	4.0
88-75-5	2-Nitrophenol	11	U	11	3.8
105-67-9	2,4-Dimethylphenol	11	U	11	2.8
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.9
120-83-2	2,4-Dichlorophenol	11	U	11	3.1
91-20-3	Naphthalene	11	U	11	4.1
106-47-8	4-Chloroaniline	11	U	11	2.3
87-68-3	Hexachlorobutadiene	2.2	U	2.2	1.0
105-60-2	Caprolactam	11	U	11	0.56
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.2
91-57-6	2-Methylnaphthalene	11	U	11	3.4
77-47-4	Hexachlorocyclopentadiene	11	U	11	5.1
88-06-2	2,4,6-Trichlorophenol	11	U	11	3.5
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.8
91-58-7	2-Chloronaphthalene	11	U	11	4.2
88-74-4	2-Nitroaniline	22	U	22	6.3
131-11-3	Dimethyl phthalate	11	U	11	3.6
208-96-8	Acenaphthylene	11	U	11	4.5
606-20-2	2,6-Dinitrotoluene	2.2	U	2.2	0.66
99-09-2	3-Nitroaniline	22	U *	22	4.8
83-32-9	Acenaphthene	11	U	11	4.2
51-28-5	2,4-Dinitrophenol	33	U	33	5.3
100-02-7	4-Nitrophenol	33	U	33	2.6
132-64-9	Dibenzofuran	11	U	11	4.0
121-14-2	2,4-Dinitrotoluene	2.2	U	2.2	0.48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-09 Lab Sample ID: 460-4869-1

Matrix: Water Lab File ID: x2086.d

Analysis Method: 8270C Date Collected: 08/19/2009 09:00

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 900(mL) Date Analyzed: 08/21/2009 18:37

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	11	U	11	4.2
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.4
86-73-7	Fluorene	11	U	11	3.6
100-01-6	4-Nitroaniline	22	U	22	4.4
534-52-1	4,6-Dinitro-2-methylphenol	33	U	33	5.8
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.3
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.4
118-74-1	Hexachlorobenzene	1.1	U	1.1	0.30
1912-24-9	Atrazine	11	U	11	5.3
87-86-5	Pentachlorophenol	33	U	33	5.7
85-01-8	Phenanthrene	11	U	11	4.0
120-12-7	Anthracene	11	U	11	3.9
86-74-8	Carbazole	11	U	11	3.4
84-74-2	Di-n-butyl phthalate	11	U	11	3.1
206-44-0	Fluoranthene	11	U	11	2.9
129-00-0	Pyrene	11	U	11	4.7
85-68-7	Butyl benzyl phthalate	11	U	11	3.1
91-94-1	3,3'-Dichlorobenzidine	22	U *	22	7.7
56-55-3	Benzo[a]anthracene	1.1	U	1.1	0.30
218-01-9	Chrysene	11	U	11	4.2
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.7
117-84-0	Di-n-octyl phthalate	11	U	11	2.1
205-99-2	Benzo[b]fluoranthene	1.1	U	1.1	0.23
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.33
50-32-8	Benzo[a]pyrene	1.1	U	1.1	0.20
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.18
191-24-2	Benzo[g,h,i]perylene	11	U	11	3.0
92-52-4	Diphenyl	11	U	11	6.0
106-44-5	4-Methylphenol	11	U	11	1.8
108-60-1	bis (2-chloroisopropyl) ether	11	U	11	3.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-09 Lab Sample ID: 460-4869-1

Matrix: Water Lab File ID: x2086.d

Analysis Method: 8270C Date Collected: 08/19/2009 09:00

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 900(mL) Date Analyzed: 08/21/2009 18:37

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	52	19-66	
321-60-8	2-Fluorobiphenyl	92	53-110	
4165-62-2	Phenol-d5	37	13-44	
4165-60-0	Nitrobenzene-d5	103	49-114	
118-79-6	2,4,6-Tribromophenol	113	52-122	
1718-51-0	Terphenyl-d14	102	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2086.d
Report Date: 24-Aug-2009 10:44

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2086.d
Lab Smp Id: 460-4869-B-1-A Client Smp ID: GW-017338-081909-AC
Inj Date : 21-AUG-2009 18:37
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4869-B-1-A
Misc Info : 460-4869-B-1-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.637	2.637	(0.675)	305117	26.1580	58
$ 17 Phenol-d5 (SUR)	99	3.548	3.578	(0.908)	231457	18.4909	41
2 2-Chlorophenol	128	3.695	3.707	(0.946)	11839	0.98514	2.2(a)
21 1,3-Dichlorobenzene	146	3.848	3.854	(0.985)	3933	0.27412	0.61(a)
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	354095	40.0000	
22 1,4-Dichlorobenzene	146	3.919	3.931	(1.003)	29414	2.05487	4.6(a)
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	5294	0.40186	0.89(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	608783	51.6600	110
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1254744	40.0000	
31 Naphthalene	128	5.213	5.231	(1.002)	19725	0.58447	1.3(a)
120 1-Methylnaphthalene	142	6.019	6.025	(1.157)	795	0.04021	0.089(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1039315	46.2351	100
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	635193	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.736	7.742	(1.112)	136757	56.5829	120
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	796880	40.0000	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2086.d
Report Date: 24-Aug-2009 10:44

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	577810	50.8765	110
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	422422	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	278455	40.0000	

QC Flag Legend

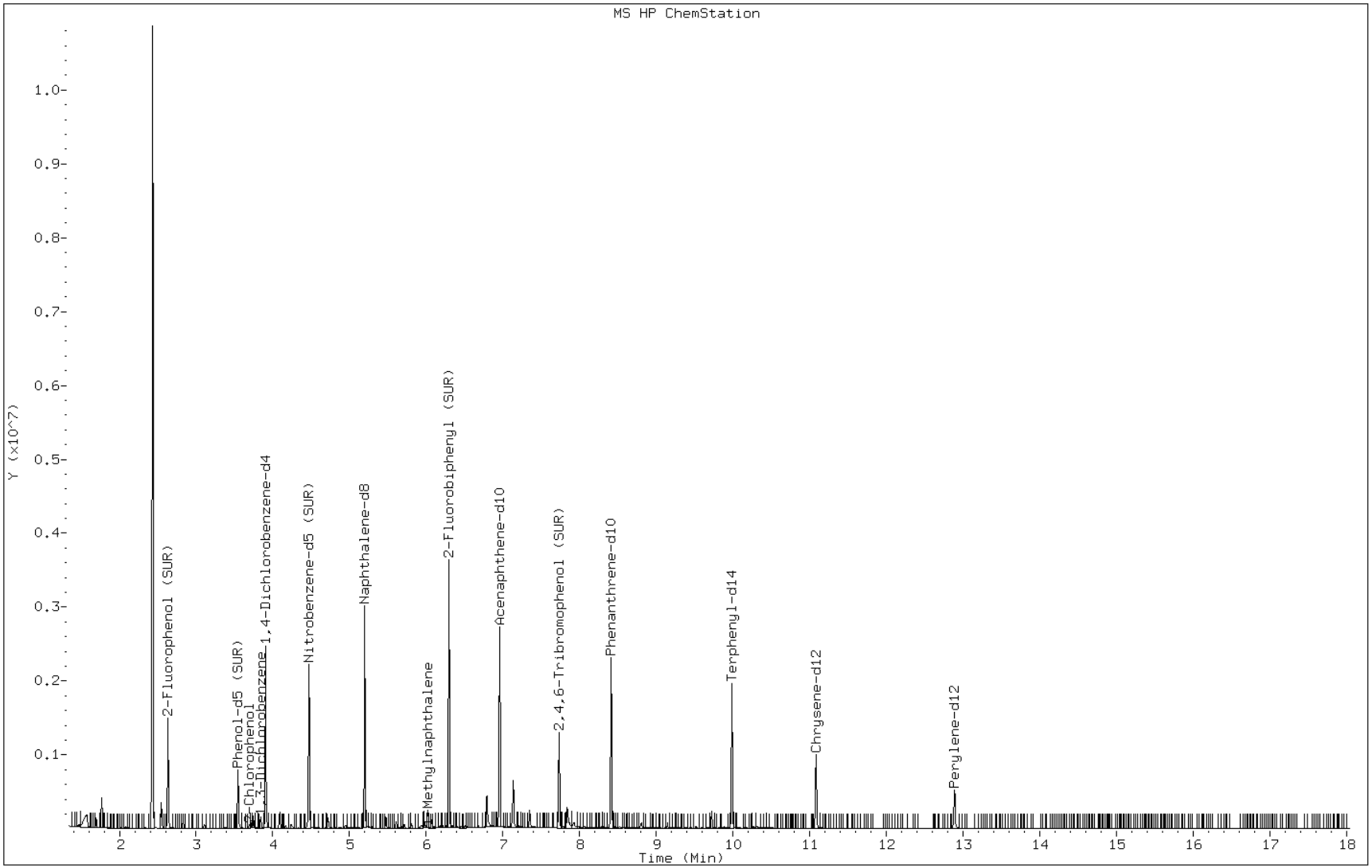
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x2086.d

Date: 21-AUG-2009 18:37

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-B-1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-10 | Lab Sample ID: 460-4869-2

Matrix: Water | Lab File ID: x2087.d

Analysis Method: 8270C | Date Collected: 08/19/2009 09:15

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) | Date Analyzed: 08/21/2009 19:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	11	U	11	1.4
108-95-2	Phenol	11	U	11	0.94
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.43
95-57-8	2-Chlorophenol	11	U	11	2.8
95-48-7	2-Methylphenol	11	U	11	1.7
98-86-2	Acetophenone	11	U	11	4.5
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.34
67-72-1	Hexachloroethane	1.1	U	1.1	0.53
98-95-3	Nitrobenzene	1.1	U	1.1	0.43
78-59-1	Isophorone	11	U	11	3.8
88-75-5	2-Nitrophenol	11	U	11	3.6
105-67-9	2,4-Dimethylphenol	11	U	11	2.6
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.7
120-83-2	2,4-Dichlorophenol	11	U	11	2.9
91-20-3	Naphthalene	11	U	11	3.9
106-47-8	4-Chloroaniline	11	U	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.99
105-60-2	Caprolactam	11	U	11	0.53
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.1
91-57-6	2-Methylnaphthalene	11	U	11	3.3
77-47-4	Hexachlorocyclopentadiene	11	U	11	4.8
88-06-2	2,4,6-Trichlorophenol	11	U	11	3.3
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.6
91-58-7	2-Chloronaphthalene	11	U	11	3.9
88-74-4	2-Nitroaniline	21	U	21	6.0
131-11-3	Dimethyl phthalate	11	U	11	3.4
208-96-8	Acenaphthylene	11	U	11	4.2
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.62
99-09-2	3-Nitroaniline	21	U *	21	4.6
83-32-9	Acenaphthene	11	U	11	4.0
51-28-5	2,4-Dinitrophenol	32	U	32	5.1
100-02-7	4-Nitrophenol	32	U	32	2.4
132-64-9	Dibenzofuran	11	U	11	3.8
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-10 Lab Sample ID: 460-4869-2

Matrix: Water Lab File ID: x2087.d

Analysis Method: 8270C Date Collected: 08/19/2009 09:15

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/21/2009 19:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	11	U	11	4.0
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.1
86-73-7	Fluorene	11	U	11	3.4
100-01-6	4-Nitroaniline	21	U	21	4.2
534-52-1	4,6-Dinitro-2-methylphenol	32	U	32	5.5
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.1
118-74-1	Hexachlorobenzene	1.1	U	1.1	0.28
1912-24-9	Atrazine	11	U	11	5.0
87-86-5	Pentachlorophenol	32	U	32	5.4
85-01-8	Phenanthrene	11	U	11	3.7
120-12-7	Anthracene	11	U	11	3.7
86-74-8	Carbazole	11	U	11	3.2
84-74-2	Di-n-butyl phthalate	11	U	11	2.9
206-44-0	Fluoranthene	11	U	11	2.8
129-00-0	Pyrene	11	U	11	4.5
85-68-7	Butyl benzyl phthalate	11	U	11	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U *	21	7.3
56-55-3	Benzo[a]anthracene	1.1	U	1.1	0.28
218-01-9	Chrysene	11	U	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.5
117-84-0	Di-n-octyl phthalate	11	U	11	2.0
205-99-2	Benzo[b]fluoranthene	1.1	U	1.1	0.22
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.32
50-32-8	Benzo[a]pyrene	1.1	U	1.1	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.17
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.9
92-52-4	Diphenyl	11	U	11	5.7
106-44-5	4-Methylphenol	11	U	11	1.7
108-60-1	bis (2-chloroisopropyl) ether	11	U	11	3.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-10 Lab Sample ID: 460-4869-2

Matrix: Water Lab File ID: x2087.d

Analysis Method: 8270C Date Collected: 08/19/2009 09:15

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 950(mL) Date Analyzed: 08/21/2009 19:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	50	19-66	
321-60-8	2-Fluorobiphenyl	95	53-110	
4165-62-2	Phenol-d5	34	13-44	
4165-60-0	Nitrobenzene-d5	105	49-114	
118-79-6	2,4,6-Tribromophenol	119	52-122	
1718-51-0	Terphenyl-d14	101	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2087.d
Report Date: 24-Aug-2009 10:45

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2087.d
Lab Smp Id: 460-4869-A-2-A Client Smp ID: GW-017338-081909-AC
Inj Date : 21-AUG-2009 19:02
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4869-A-2-A
Misc Info : 460-4869-A-2-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.631	2.637	(0.673)	292062	25.0005	53
$ 17 Phenol-d5 (SUR)	99	3.548	3.578	(0.908)	215268	17.1712	36
21 1,3-Dichlorobenzene	146	3.848	3.854	(0.985)	4351	0.30279	0.64(aH)
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	354638	40.0000	
22 1,4-Dichlorobenzene	146	3.919	3.931	(1.003)	33251	2.31936	4.9(a)
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	5550	0.42065	0.88(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	618211	52.4752	110
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1254381	40.0000	
31 Naphthalene	128	5.213	5.231	(1.002)	19820	0.58746	1.2(a)
120 1-Methylnaphthalene	142	6.019	6.025	(1.157)	853	0.04316	0.091(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1065172	47.2692	100
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	636755	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.736	7.742	(1.112)	144036	59.4483	120
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	791631	40.0000	
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	614530	50.4321	110

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2087.d
Report Date: 24-Aug-2009 10:45

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	453226	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	291369	40.0000	

QC Flag Legend

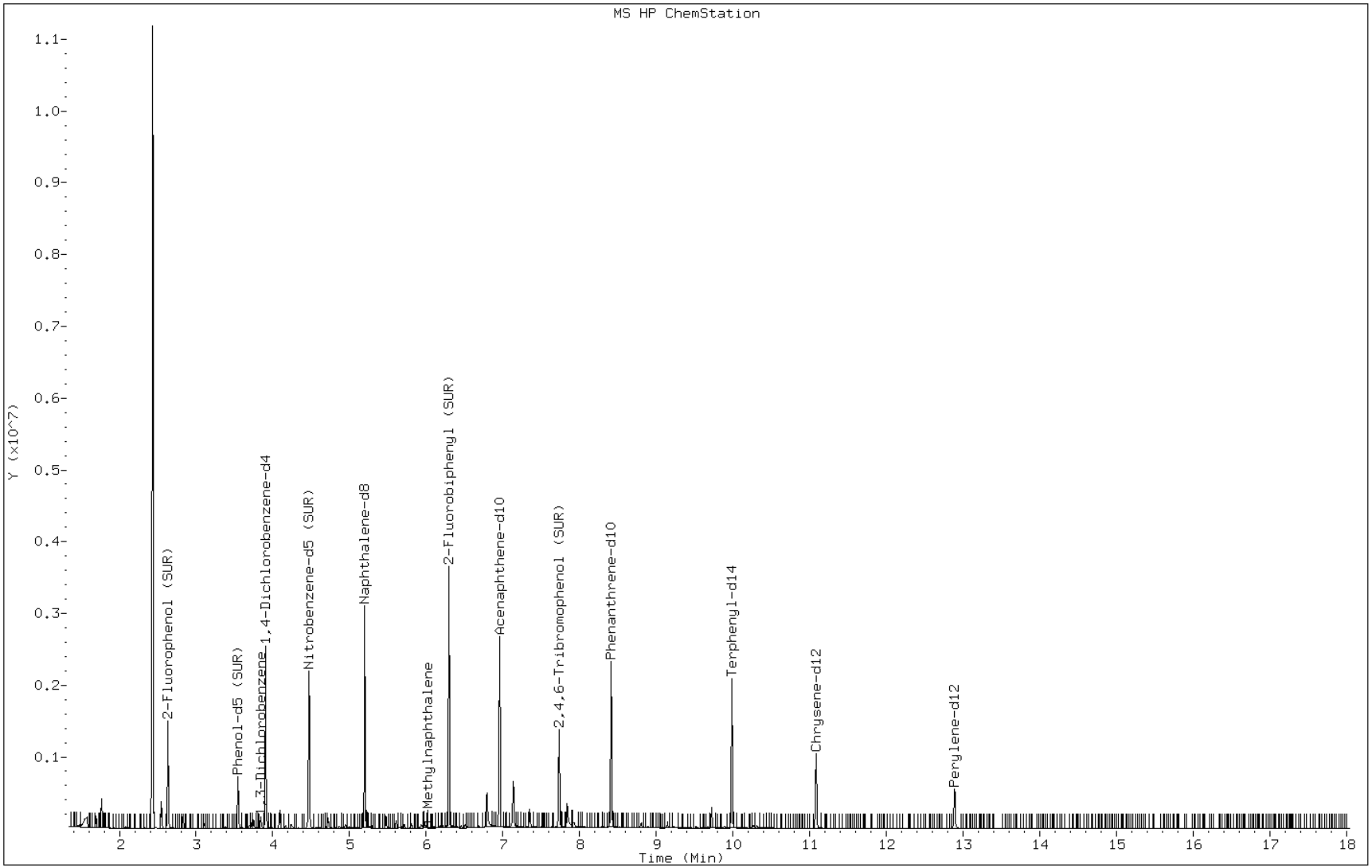
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x2087.d

Date: 21-AUG-2009 19:02

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-A-2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-11 | Lab Sample ID: 460-4869-3

Matrix: Water | Lab File ID: x2088.d

Analysis Method: 8270C | Date Collected: 08/19/2009 10:30

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 960(mL) | Date Analyzed: 08/21/2009 19:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.4
108-95-2	Phenol	10	U	10	0.93
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.43
95-57-8	2-Chlorophenol	10	U	10	2.7
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.5
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
67-72-1	Hexachloroethane	1.0	U	1.0	0.52
98-95-3	Nitrobenzene	1.0	U	1.0	0.43
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.9
91-20-3	Naphthalene	10	U	10	3.8
106-47-8	4-Chloroaniline	10	U	10	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.98
105-60-2	Caprolactam	10	U	10	0.52
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.1
91-57-6	2-Methylnaphthalene	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.8
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.3
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	3.9
88-74-4	2-Nitroaniline	21	U	21	5.9
131-11-3	Dimethyl phthalate	10	U	10	3.4
208-96-8	Acenaphthylene	10	U	10	4.2
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.61
99-09-2	3-Nitroaniline	21	U *	21	4.5
83-32-9	Acenaphthene	10	U	10	3.9
51-28-5	2,4-Dinitrophenol	31	U	31	5.0
100-02-7	4-Nitrophenol	31	U	31	2.4
132-64-9	Dibenzofuran	10	U	10	3.7
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-11 Lab Sample ID: 460-4869-3

Matrix: Water Lab File ID: x2088.d

Analysis Method: 8270C Date Collected: 08/19/2009 10:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 960(mL) Date Analyzed: 08/21/2009 19:26

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	4.0
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.1
86-73-7	Fluorene	10	U	10	3.4
100-01-6	4-Nitroaniline	21	U	21	4.1
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.4
86-30-6	N-Nitrosodiphenylamine	10	U	10	4.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.1
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.28
1912-24-9	Atrazine	10	U	10	5.0
87-86-5	Pentachlorophenol	31	U	31	5.3
85-01-8	Phenanthrene	10	U	10	3.7
120-12-7	Anthracene	10	U	10	3.7
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U *	21	7.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.28
218-01-9	Chrysene	10	U	10	3.9
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.5
117-84-0	Di-n-octyl phthalate	10	U	10	2.0
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.22
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.17
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8
92-52-4	Diphenyl	10	U	10	5.6
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-11 Lab Sample ID: 460-4869-3

Matrix: Water Lab File ID: x2088.d

Analysis Method: 8270C Date Collected: 08/19/2009 10:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 960(mL) Date Analyzed: 08/21/2009 19:26

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	46	19-66	
321-60-8	2-Fluorobiphenyl	86	53-110	
4165-62-2	Phenol-d5	31	13-44	
4165-60-0	Nitrobenzene-d5	94	49-114	
118-79-6	2,4,6-Tribromophenol	102	52-122	
1718-51-0	Terphenyl-d14	94	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2088.d
Report Date: 24-Aug-2009 10:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2088.d
Lab Smp Id: 460-4869-B-3-A Client Smp ID: GW-017338-081909-AC
Inj Date : 21-AUG-2009 19:26
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4869-B-3-A
Misc Info : 460-4869-B-3-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.631	2.637	(0.673)	276094	22.7559	47
$ 17 Phenol-d5 (SUR)	99	3.549	3.578	(0.908)	203637	15.6402	32
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	368316	40.0000	
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	2414	0.17617	0.37(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	560446	47.0195	98
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1269120	40.0000	
31 Naphthalene	128	5.219	5.231	(1.003)	4717	0.13819	0.29(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.906)	984240	42.8630	89
* 82 Acenaphthene-d10	164	6.954	6.960	(1.000)	648857	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.731	7.742	(1.112)	126152	51.0959	110
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	806034	40.0000	
$ 78 Terphenyl-d14	244	9.983	9.989	(0.901)	528476	46.9696	98
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	418492	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	275726	40.0000	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2088.d
Report Date: 24-Aug-2009 10:46

QC Flag Legend

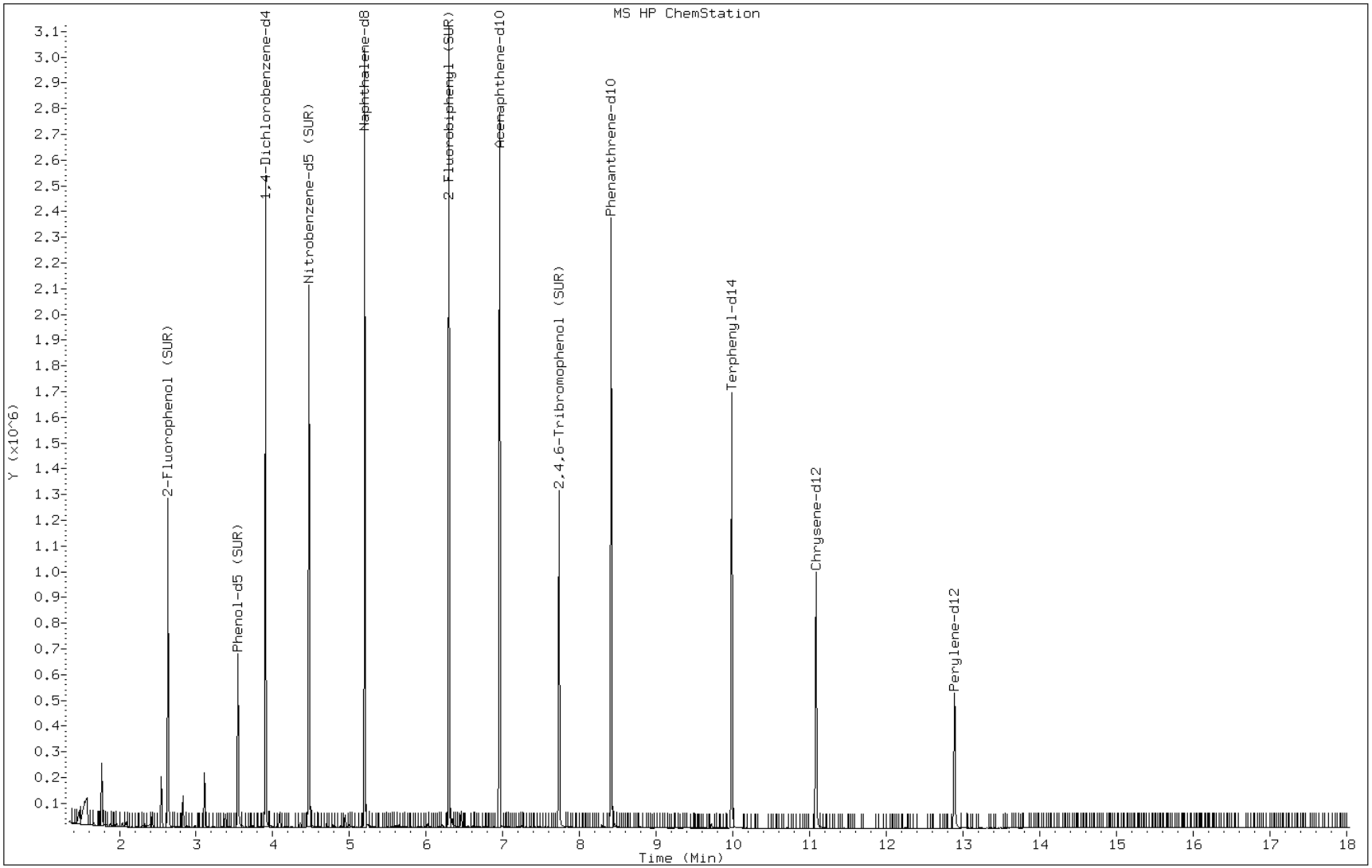
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x2088.d

Date: 21-AUG-2009 19:26

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-B-3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4

Matrix: Water | Lab File ID: z3502.d

Analysis Method: 8270C | Date Collected: 08/19/2009 11:45

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 980(mL) | Date Analyzed: 08/31/2009 05:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15714 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	100	U	100	14
108-95-2	Phenol	100	U	100	9.1
111-44-4	Bis(2-chloroethyl)ether	10	U	10	4.2
95-57-8	2-Chlorophenol	100	U	100	27
95-48-7	2-Methylphenol	100	U	100	17
98-86-2	Acetophenone	100	U	100	44
621-64-7	N-Nitrosodi-n-propylamine	10	U	10	3.3
67-72-1	Hexachloroethane	10	U	10	5.1
98-95-3	Nitrobenzene	10	U	10	4.2
78-59-1	Isophorone	100	U	100	37
88-75-5	2-Nitrophenol	100	U	100	35
105-67-9	2,4-Dimethylphenol	100	U	100	26
111-91-1	Bis(2-chloroethoxy)methane	100	U	100	35
120-83-2	2,4-Dichlorophenol	100	U	100	28
91-20-3	Naphthalene	1900		100	37
106-47-8	4-Chloroaniline	100	U	100	21
87-68-3	Hexachlorobutadiene	20	U	20	9.6
105-60-2	Caprolactam	100	U	100	5.1
59-50-7	4-Chloro-3-methylphenol	100	U	100	20
91-57-6	2-Methylnaphthalene	61	J	100	32
77-47-4	Hexachlorocyclopentadiene	100	U	100	47
88-06-2	2,4,6-Trichlorophenol	100	U	100	32
95-95-4	2,4,5-Trichlorophenol	100	U	100	26
91-58-7	2-Chloronaphthalene	100	U	100	38
88-74-4	2-Nitroaniline	200	U	200	58
131-11-3	Dimethyl phthalate	100	U	100	33
208-96-8	Acenaphthylene	100	U	100	41
606-20-2	2,6-Dinitrotoluene	20	U	20	6.0
99-09-2	3-Nitroaniline	200	U *	200	44
83-32-9	Acenaphthene	100	U	100	38
51-28-5	2,4-Dinitrophenol	310	U	310	49
100-02-7	4-Nitrophenol	310	U	310	24
132-64-9	Dibenzofuran	100	U	100	37
121-14-2	2,4-Dinitrotoluene	20	U	20	4.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4

Matrix: Water | Lab File ID: z3502.d

Analysis Method: 8270C | Date Collected: 08/19/2009 11:45

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 980(mL) | Date Analyzed: 08/31/2009 05:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15714 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	100	U	100	39
7005-72-3	4-Chlorophenyl phenyl ether	100	U	100	40
86-73-7	Fluorene	100	U	100	33
100-01-6	4-Nitroaniline	200	U	200	41
534-52-1	4,6-Dinitro-2-methylphenol	310	U	310	53
86-30-6	N-Nitrosodiphenylamine	100	U	100	39
101-55-3	4-Bromophenyl phenyl ether	100	U	100	40
118-74-1	Hexachlorobenzene	10	U	10	2.8
1912-24-9	Atrazine	100	U	100	49
87-86-5	Pentachlorophenol	310	U	310	52
85-01-8	Phenanthrene	100	U	100	36
120-12-7	Anthracene	100	U	100	36
86-74-8	Carbazole	100	U	100	31
84-74-2	Di-n-butyl phthalate	100	U	100	28
206-44-0	Fluoranthene	100	U	100	27
129-00-0	Pyrene	100	U	100	44
85-68-7	Butyl benzyl phthalate	100	U	100	28
91-94-1	3,3'-Dichlorobenzidine	200	U *	200	71
56-55-3	Benzo[a]anthracene	10	U	10	2.8
218-01-9	Chrysene	100	U	100	38
117-81-7	Bis(2-ethylhexyl) phthalate	100	U	100	24
117-84-0	Di-n-octyl phthalate	100	U	100	19
205-99-2	Benzo[b]fluoranthene	10	U	10	2.1
207-08-9	Benzo[k]fluoranthene	10	U	10	3.1
50-32-8	Benzo[a]pyrene	10	U	10	1.8
193-39-5	Indeno[1,2,3-cd]pyrene	3.7	J	10	1.2
53-70-3	Dibenz(a,h)anthracene	3.7	J	10	1.6
191-24-2	Benzo[g,h,i]perylene	100	U	100	28
92-52-4	Diphenyl	100	U	100	55
106-44-5	4-Methylphenol	100	U	100	16
108-60-1	bis (2-chloroisopropyl) ether	100	U	100	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 Lab Sample ID: 460-4869-4

Matrix: Water Lab File ID: z3502.d

Analysis Method: 8270C Date Collected: 08/19/2009 11:45

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 980(mL) Date Analyzed: 08/31/2009 05:52

Con. Extract Vol.: 2(mL) Dilution Factor: 10

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15714 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	0	19-66	D
321-60-8	2-Fluorobiphenyl	0	53-110	D
4165-62-2	Phenol-d5	0	13-44	D
4165-60-0	Nitrobenzene-d5	0	49-114	D
118-79-6	2,4,6-Tribromophenol	0	52-122	D
1718-51-0	Terphenyl-d14	0	46-129	D

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3502.d
Report Date: 31-Aug-2009 11:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3502.d
Lab Smp Id: 460-4869-A-4-B Client Smp ID: GW-017338-081909-AC
Inj Date : 31-AUG-2009 05:52
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-4869-A-4-B
Misc Info : 460-4869-A-4-B
Comment   :
Method   : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/8270C_08SP.m
Meth Date : 31-Aug-2009 04:49 asfawa Quant Type: ISTD
Cal Date : 31-AUG-2009 01:11 Cal File: z3493.d
Als bottle: 11
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	3.866	3.866	(1.000)	231652	40.0000	
4 4-Methylphenol	108	4.301	4.301	(1.113)	2687	0.40520	8.3(a)
124 3 & 4 methylphenol	108	4.301	4.301	(1.113)	2687	0.40520	8.3(a)
* 80 Naphthalene-d8	136	5.154	5.154	(1.000)	826965	40.0000	
31 Naphthalene	128	5.183	5.172	(1.006)	2102584	91.3100	1900
34 2-Methylnaphthalene	142	5.872	5.872	(1.139)	40967	2.98534	61(a)
120 1-Methylnaphthalene	142	5.966	5.966	(1.157)	10598	0.80814	16(a)
* 82 Acenaphthene-d10	164	6.901	6.901	(1.000)	435601	40.0000	
* 83 Phenanthrene-d10	188	8.348	8.348	(1.000)	606121	40.0000	
* 81 Chrysene-d12	240	11.001	11.001	(1.000)	376164	40.0000	
* 84 Perylene-d12	264	12.777	12.783	(1.000)	221040	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.159	14.159	(1.108)	739	0.17925	3.6(a)
69 Dibenz(a,h)anthracene	278	14.195	14.189	(1.111)	752	0.17938	3.7(a)
70 Benzo(g,h,i)perylene	276	14.501	14.501	(1.135)	1216	0.28807	5.9(a)

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3502.d
Report Date: 31-Aug-2009 11:23

QC Flag Legend

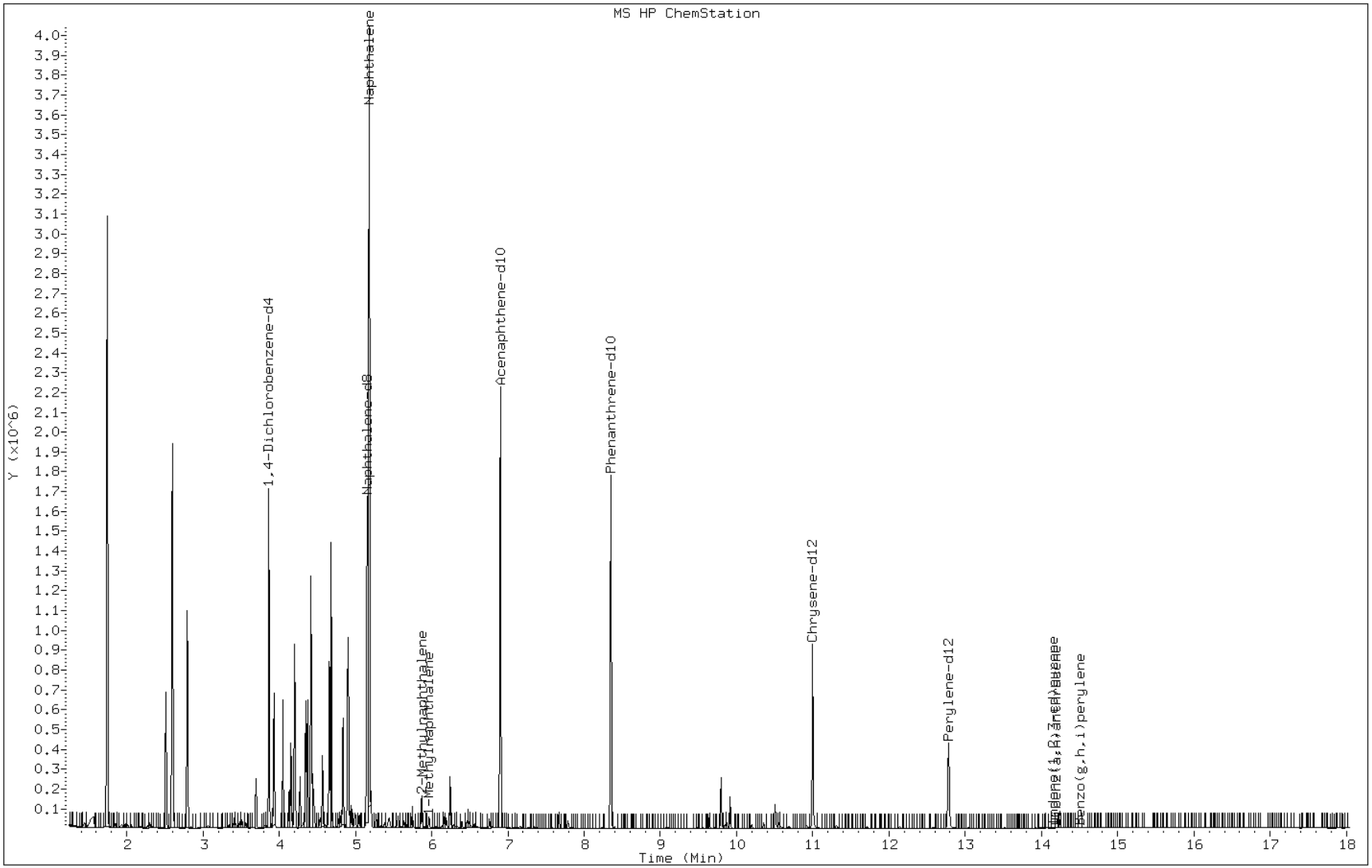
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: z3502.d

Date: 31-AUG-2009 05:52

Client ID: GW-017338-081909-AC Instrument: BNAMS11.i

Sample Info: 460-4869-A-4-B Operator: BNAMS 4



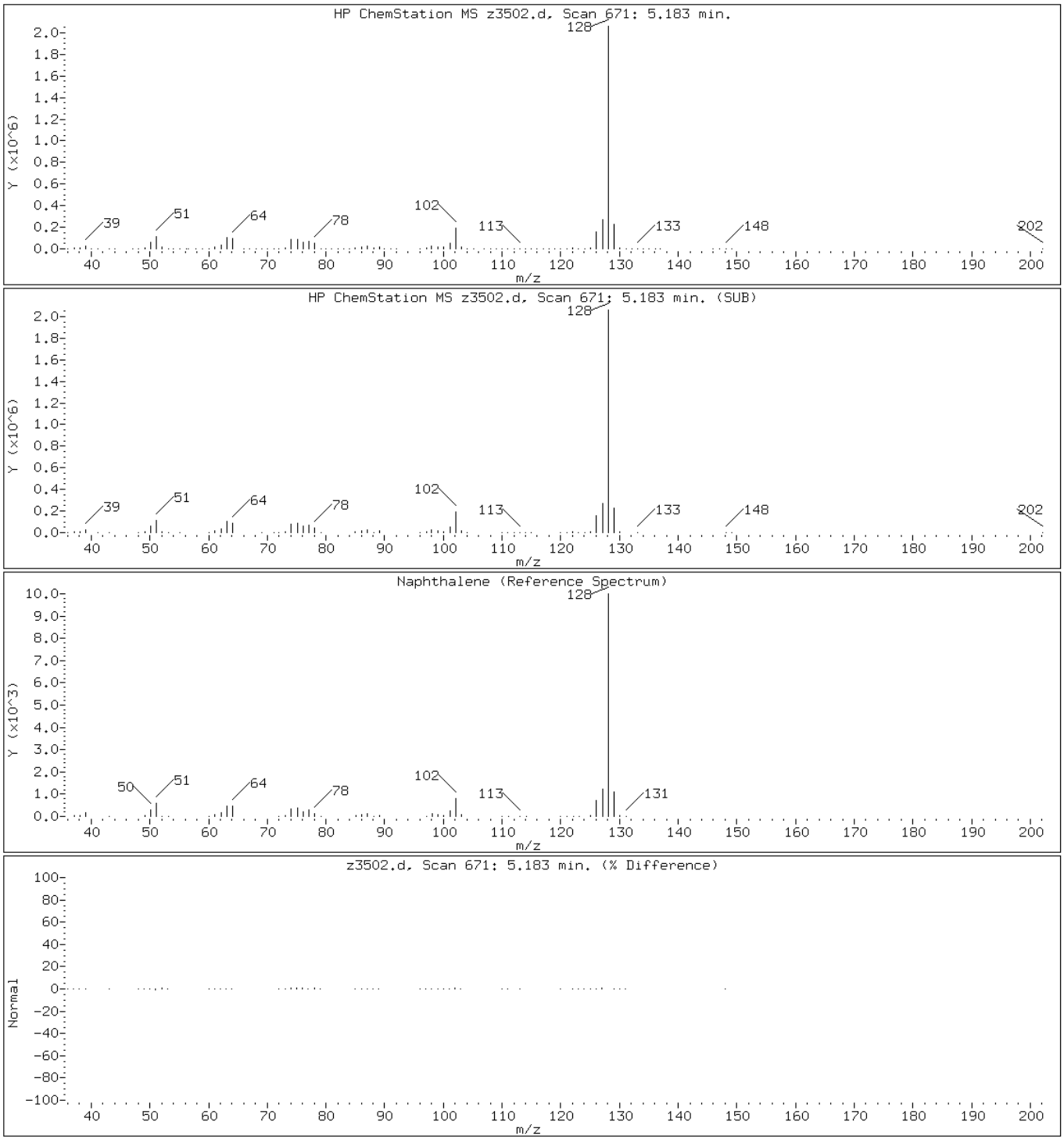
Data File: z3502.d

Date: 31-AUG-2009 05:52

Client ID: GW-017338-081909-AC Instrument: BNAMS11.i

Sample Info: 460-4869-A-4-B Operator: BNAMS 4

31 Naphthalene



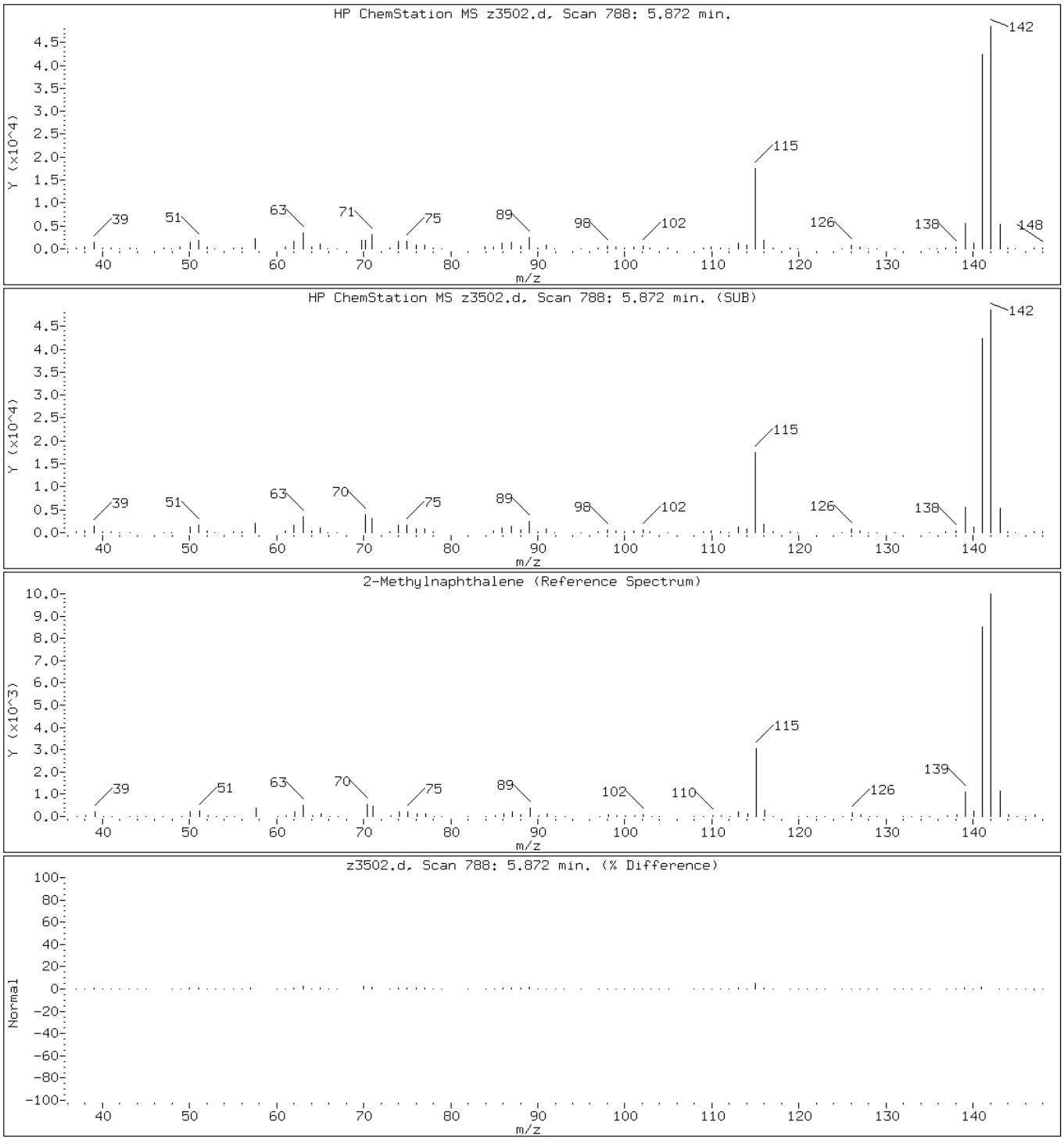
Data File: z3502.d

Date: 31-AUG-2009 05:52

Client ID: GW-017338-081909-AC Instrument: BNAMS11.i

Sample Info: 460-4869-A-4-B Operator: BNAMS 4

34 2-Methylnaphthalene



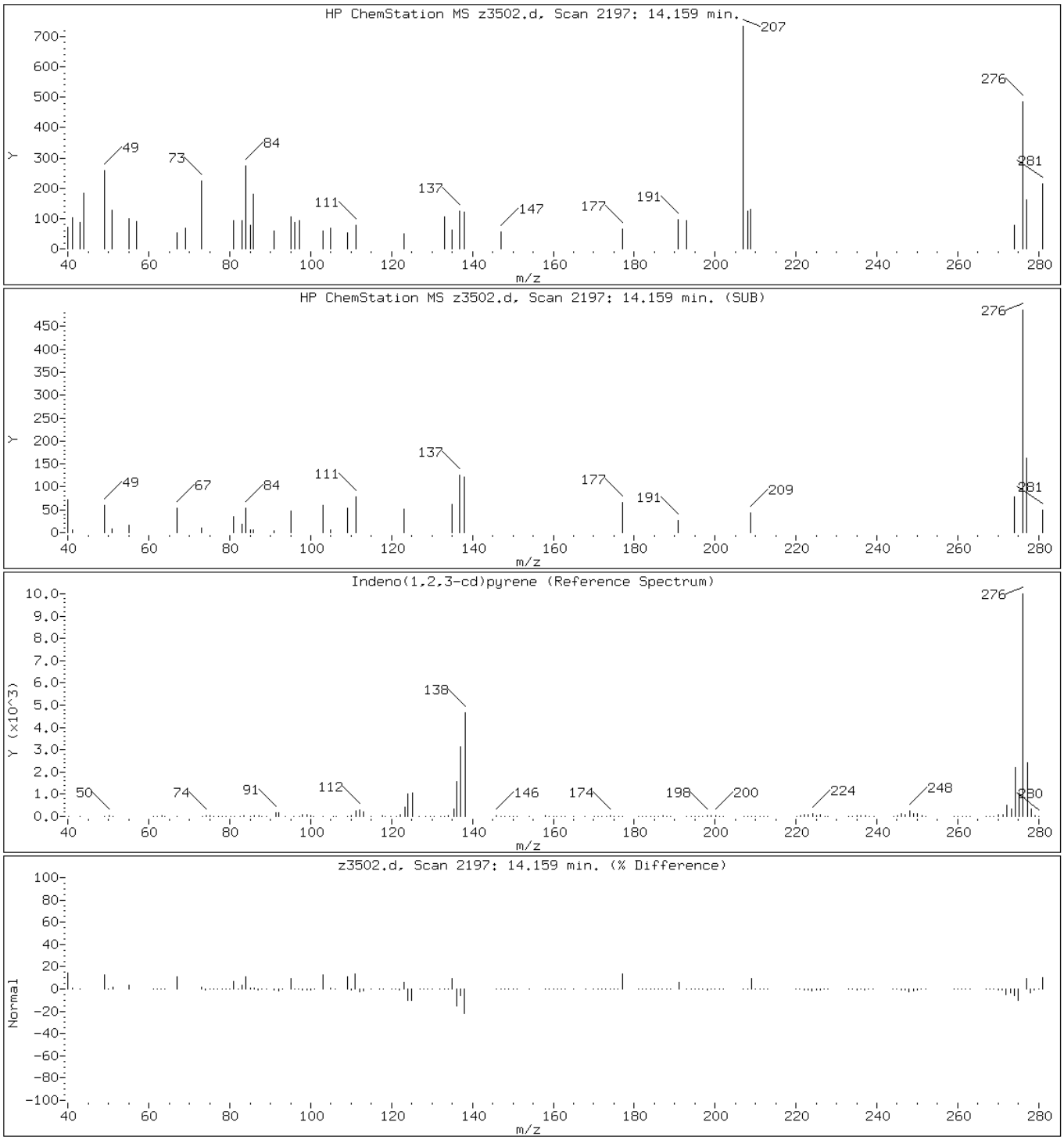
Data File: z3502.d

Date: 31-AUG-2009 05:52

Client ID: GW-017338-081909-AC Instrument: BNAMS11.i

Sample Info: 460-4869-A-4-B Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



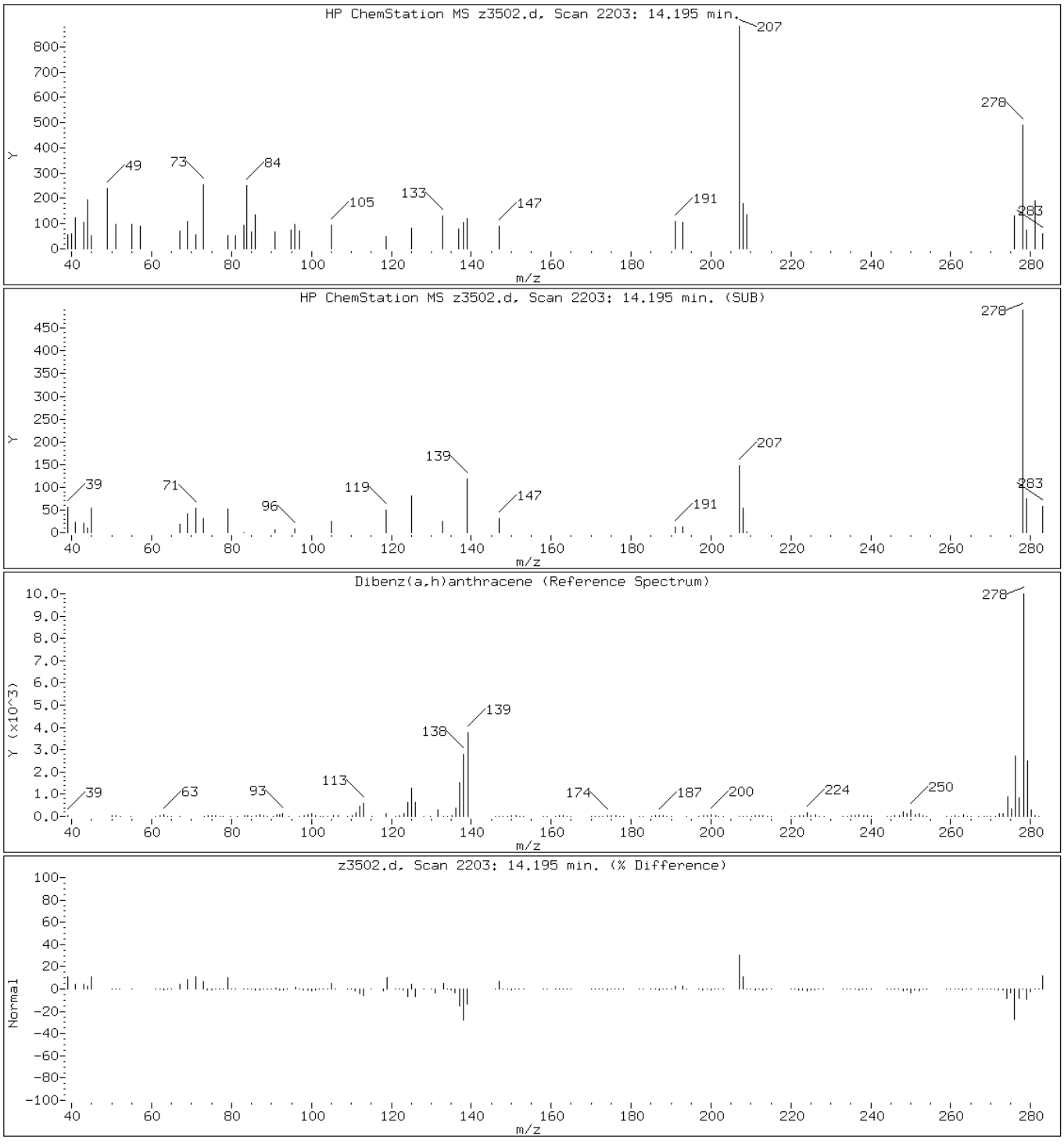
Data File: z3502.d

Date: 31-AUG-2009 05:52

Client ID: GW-017338-081909-AC Instrument: BNAMS11.i

Sample Info: 460-4869-A-4-B Operator: BNAMS 4

69 Dibenz(a,h)anthracene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-13 Lab Sample ID: 460-4869-5

Matrix: Water Lab File ID: x2092.d

Analysis Method: 8270C Date Collected: 08/19/2009 14:00

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 990(mL) Date Analyzed: 08/21/2009 21:04

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.4
108-95-2	Phenol	10	U	10	0.90
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	28		10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	15		10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.95
105-60-2	Caprolactam	10	U	10	0.51
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.8
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.1
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
99-09-2	3-Nitroaniline	20	U *	20	4.4
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.9
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-13 Lab Sample ID: 460-4869-5

Matrix: Water Lab File ID: x2092.d

Analysis Method: 8270C Date Collected: 08/19/2009 14:00

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 990(mL) Date Analyzed: 08/21/2009 21:04

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.2
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U *	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.5
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-13 Lab Sample ID: 460-4869-5

Matrix: Water Lab File ID: x2092.d

Analysis Method: 8270C Date Collected: 08/19/2009 14:00

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 990(mL) Date Analyzed: 08/21/2009 21:04

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	22	19-66	
321-60-8	2-Fluorobiphenyl	94	53-110	
4165-62-2	Phenol-d5	30	13-44	
4165-60-0	Nitrobenzene-d5	111	49-114	
118-79-6	2,4,6-Tribromophenol	102	52-122	
1718-51-0	Terphenyl-d14	93	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2092.d
Report Date: 24-Aug-2009 10:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2092.d
Lab Smp Id: 460-4869-A-5-A Client Smp ID: GW-017338-081909-AC
Inj Date : 21-AUG-2009 21:04
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4869-A-5-A
Misc Info : 460-4869-A-5-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.666	2.637	(0.682)	106095	11.0929	22
$ 17 Phenol-d5 (SUR)	99	3.566	3.578	(0.913)	155987	15.1980	31
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	290341	40.0000	
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	1859	0.17210	0.35(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	458349	55.3531	110
6 2,4-Dimethylphenol	122	4.907	4.895	(0.943)	94040	13.9385	28
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	881661	40.0000	
31 Naphthalene	128	5.225	5.231	(1.005)	179314	7.56162	15
34 2-Methylnaphthalene	142	5.925	5.925	(1.139)	3704	0.25657	0.52(a)
120 1-Methylnaphthalene	142	6.019	6.025	(1.157)	1126	0.08105	0.16(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	687203	47.0073	95
* 82 Acenaphthene-d10	164	6.966	6.960	(1.000)	413095	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.742	7.742	(1.111)	80174	51.0064	100
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	492296	40.0000	
$ 78 Terphenyl-d14	244	9.983	9.989	(0.901)	382257	46.6087	94

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2092.d
Report Date: 24-Aug-2009 10:51

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	305047	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	219182	40.0000	

QC Flag Legend

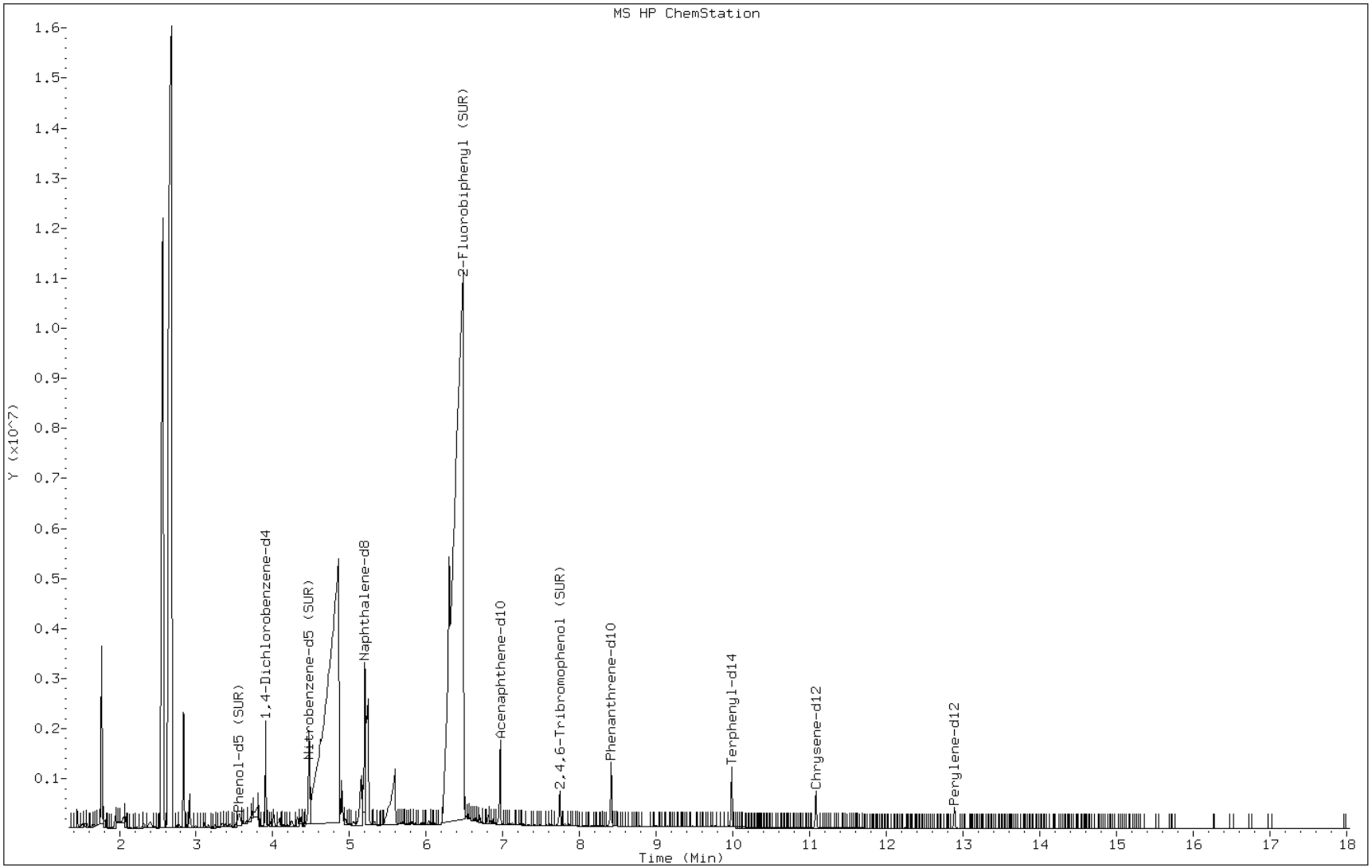
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x2092.d

Date: 21-AUG-2009 21:04

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-A-5-A Operator: BNAMS 4



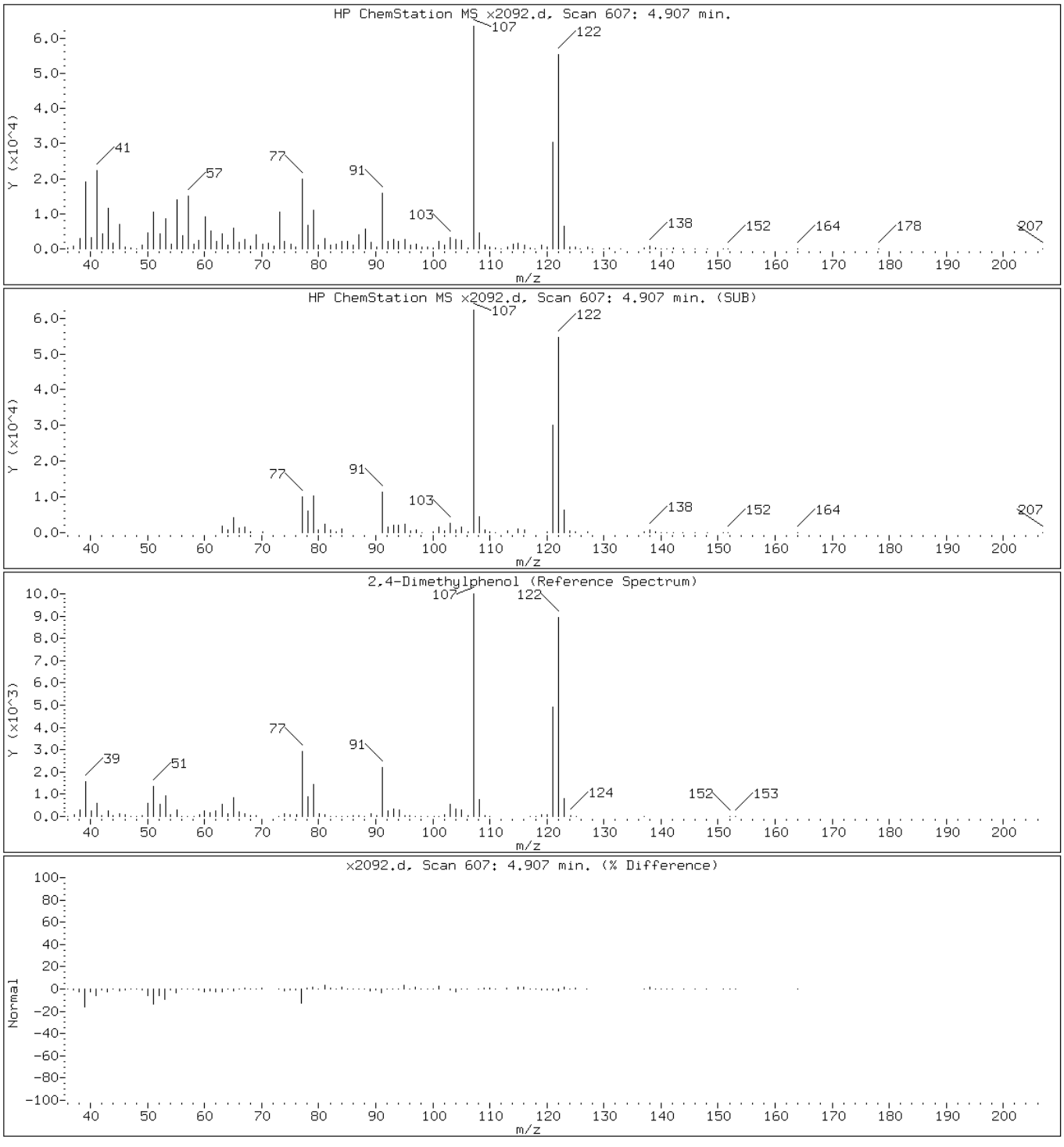
Data File: x2092.d

Date: 21-AUG-2009 21:04

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-A-5-A Operator: BNAMS 4

6 2,4-Dimethylphenol



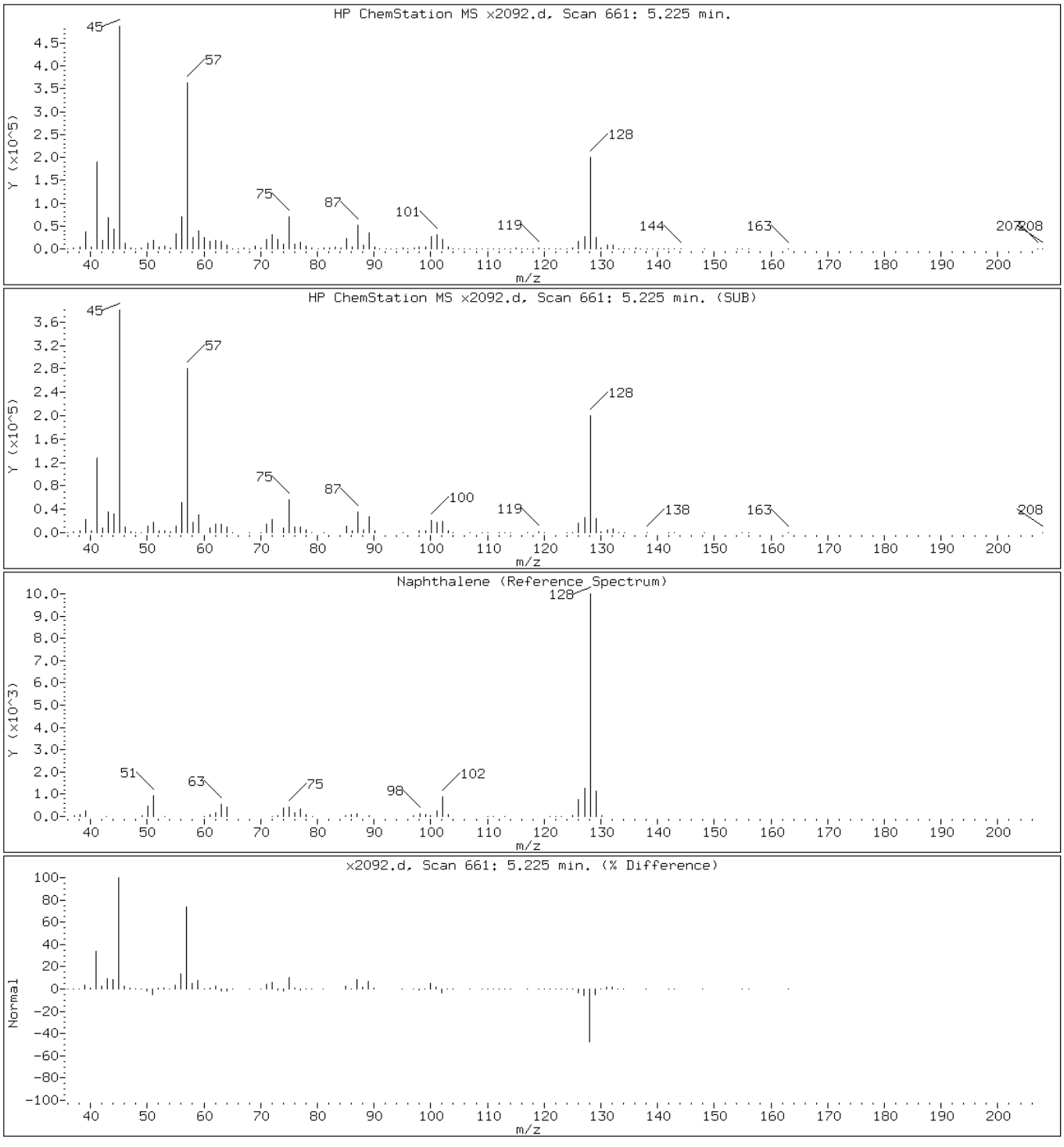
Data File: x2092.d

Date: 21-AUG-2009 21:04

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-A-5-A Operator: BNAMS 4

31 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: RB-017338-081909-ACH-14 | Lab Sample ID: 460-4869-6 RE

Matrix: Water | Lab File ID: z3555.d

Analysis Method: 8270C | Date Collected: 08/19/2009 14:30

Extract. Method: 3510C | Date Extracted: 08/31/2009 12:13

Sample wt/vol: 940(mL) | Date Analyzed: 09/01/2009 10:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	11	U H *	11	1.4
108-95-2	Phenol	11	U H	11	0.95
111-44-4	Bis(2-chloroethyl)ether	1.1	U H	1.1	0.44
95-57-8	2-Chlorophenol	11	U H	11	2.8
95-48-7	2-Methylphenol	11	U H	11	1.8
98-86-2	Acetophenone	11	U H	11	4.6
621-64-7	N-Nitrosodi-n-propylamine	1.1	U H	1.1	0.34
67-72-1	Hexachloroethane	1.1	U H	1.1	0.53
98-95-3	Nitrobenzene	1.1	U H	1.1	0.44
78-59-1	Isophorone	11	U H	11	3.8
88-75-5	2-Nitrophenol	11	U H	11	3.6
105-67-9	2,4-Dimethylphenol	11	U H	11	2.7
111-91-1	Bis(2-chloroethoxy)methane	11	U H	11	3.7
120-83-2	2,4-Dichlorophenol	11	U H	11	2.9
91-20-3	Naphthalene	11	H	11	3.9
106-47-8	4-Chloroaniline	11	U H	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U H	2.1	1.0
105-60-2	Caprolactam	11	U H	11	0.53
59-50-7	4-Chloro-3-methylphenol	11	U H	11	2.1
91-57-6	2-Methylnaphthalene	11	U H	11	3.3
77-47-4	Hexachlorocyclopentadiene	11	U H	11	4.9
88-06-2	2,4,6-Trichlorophenol	11	U H	11	3.4
95-95-4	2,4,5-Trichlorophenol	11	U H	11	2.7
91-58-7	2-Chloronaphthalene	11	U H	11	4.0
88-74-4	2-Nitroaniline	21	U H	21	6.1
131-11-3	Dimethyl phthalate	11	U H	11	3.5
208-96-8	Acenaphthylene	11	U H	11	4.3
606-20-2	2,6-Dinitrotoluene	2.1	U H	2.1	0.63
99-09-2	3-Nitroaniline	21	U H	21	4.6
83-32-9	Acenaphthene	11	U H	11	4.0
51-28-5	2,4-Dinitrophenol	32	U H	32	5.1
100-02-7	4-Nitrophenol	32	U H	32	2.5
132-64-9	Dibenzofuran	11	U H	11	3.8
121-14-2	2,4-Dinitrotoluene	2.1	U H	2.1	0.46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: RB-017338-081909-ACH-14 | Lab Sample ID: 460-4869-6 RE

Matrix: Water | Lab File ID: z3555.d

Analysis Method: 8270C | Date Collected: 08/19/2009 14:30

Extract. Method: 3510C | Date Extracted: 08/31/2009 12:13

Sample wt/vol: 940(mL) | Date Analyzed: 09/01/2009 10:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	11	U H	11	4.1
7005-72-3	4-Chlorophenyl phenyl ether	11	U H	11	4.2
86-73-7	Fluorene	11	U H	11	3.5
100-01-6	4-Nitroaniline	21	U H	21	4.2
534-52-1	4,6-Dinitro-2-methylphenol	32	U H	32	5.6
86-30-6	N-Nitrosodiphenylamine	11	U H	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U H	11	4.2
118-74-1	Hexachlorobenzene	1.1	U H	1.1	0.29
1912-24-9	Atrazine	11	U H	11	5.1
87-86-5	Pentachlorophenol	32	U H	32	5.4
85-01-8	Phenanthrene	11	U H	11	3.8
120-12-7	Anthracene	11	U H	11	3.8
86-74-8	Carbazole	11	U H	11	3.3
84-74-2	Di-n-butyl phthalate	11	U H	11	2.9
206-44-0	Fluoranthene	11	U H	11	2.8
129-00-0	Pyrene	11	U H	11	4.5
85-68-7	Butyl benzyl phthalate	11	U H	11	3.0
91-94-1	3,3'-Dichlorobenzidine	21	U H *	21	7.4
56-55-3	Benzo[a]anthracene	1.1	U H	1.1	0.29
218-01-9	Chrysene	11	U H	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U H	11	2.6
117-84-0	Di-n-octyl phthalate	11	U H	11	2.0
205-99-2	Benzo[b]fluoranthene	1.1	U H	1.1	0.22
207-08-9	Benzo[k]fluoranthene	1.1	U H	1.1	0.32
50-32-8	Benzo[a]pyrene	1.1	U H	1.1	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U H	1.1	0.13
53-70-3	Dibenz(a,h)anthracene	1.1	U H	1.1	0.17
191-24-2	Benzo[g,h,i]perylene	11	U H	11	2.9
92-52-4	Diphenyl	11	U H	11	5.8
106-44-5	4-Methylphenol	11	U H	11	1.7
108-60-1	bis (2-chloroisopropyl) ether	11	U H	11	3.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: RB-017338-081909-ACH-14 Lab Sample ID: 460-4869-6 RE

Matrix: Water Lab File ID: z3555.d

Analysis Method: 8270C Date Collected: 08/19/2009 14:30

Extract. Method: 3510C Date Extracted: 08/31/2009 12:13

Sample wt/vol: 940(mL) Date Analyzed: 09/01/2009 10:31

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	42	19-66	
321-60-8	2-Fluorobiphenyl	83	53-110	
4165-62-2	Phenol-d5	31	13-44	
4165-60-0	Nitrobenzene-d5	81	49-114	
118-79-6	2,4,6-Tribromophenol	87	52-122	
1718-51-0	Terphenyl-d14	84	46-129	

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3555.d
Report Date: 01-Sep-2009 12:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3555.d
Lab Smp Id: 460-4869-A-6-A Client Smp ID: RB-017338-081909-AC
Inj Date : 01-SEP-2009 10:31
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-4869-A-6-A
Misc Info : 460-4869-A-6-A
Comment   :
Method   : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/8270C_08SP.m
Meth Date : 01-Sep-2009 08:44 croccom Quant Type: ISTD
Cal Date : 01-SEP-2009 08:10 Cal File: z3550.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	940.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.604	2.604	(0.674)	183732	21.1635	45
$ 17 Phenol-d5 (SUR)	99	3.510	3.528	(0.909)	154098	15.5423	33
* 79 1,4-Dichlorobenzene-d4	152	3.863	3.863	(1.000)	267246	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.422	4.434	(0.859)	384874	40.3794	86
* 80 Naphthalene-d8	136	5.145	5.151	(1.000)	964946	40.0000	
31 Naphthalene	128	5.163	5.169	(1.003)	133698	5.03552	11
34 2-Methylnaphthalene	142	5.863	5.863	(1.139)	2104	0.13086	0.28(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.234	6.239	(0.904)	746931	41.3258	88
* 82 Acenaphthene-d10	164	6.892	6.892	(1.000)	520063	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.663	7.669	(1.112)	91156	43.2720	92
* 83 Phenanthrene-d10	188	8.339	8.339	(1.000)	755725	40.0000	
$ 78 Terphenyl-d14	244	9.910	9.910	(0.902)	536924	41.9564	89
* 81 Chrysene-d12	240	10.986	10.986	(1.000)	437520	40.0000	
* 84 Perylene-d12	264	12.757	12.757	(1.000)	237415	40.0000	

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3555.d
Report Date: 01-Sep-2009 12:15

QC Flag Legend

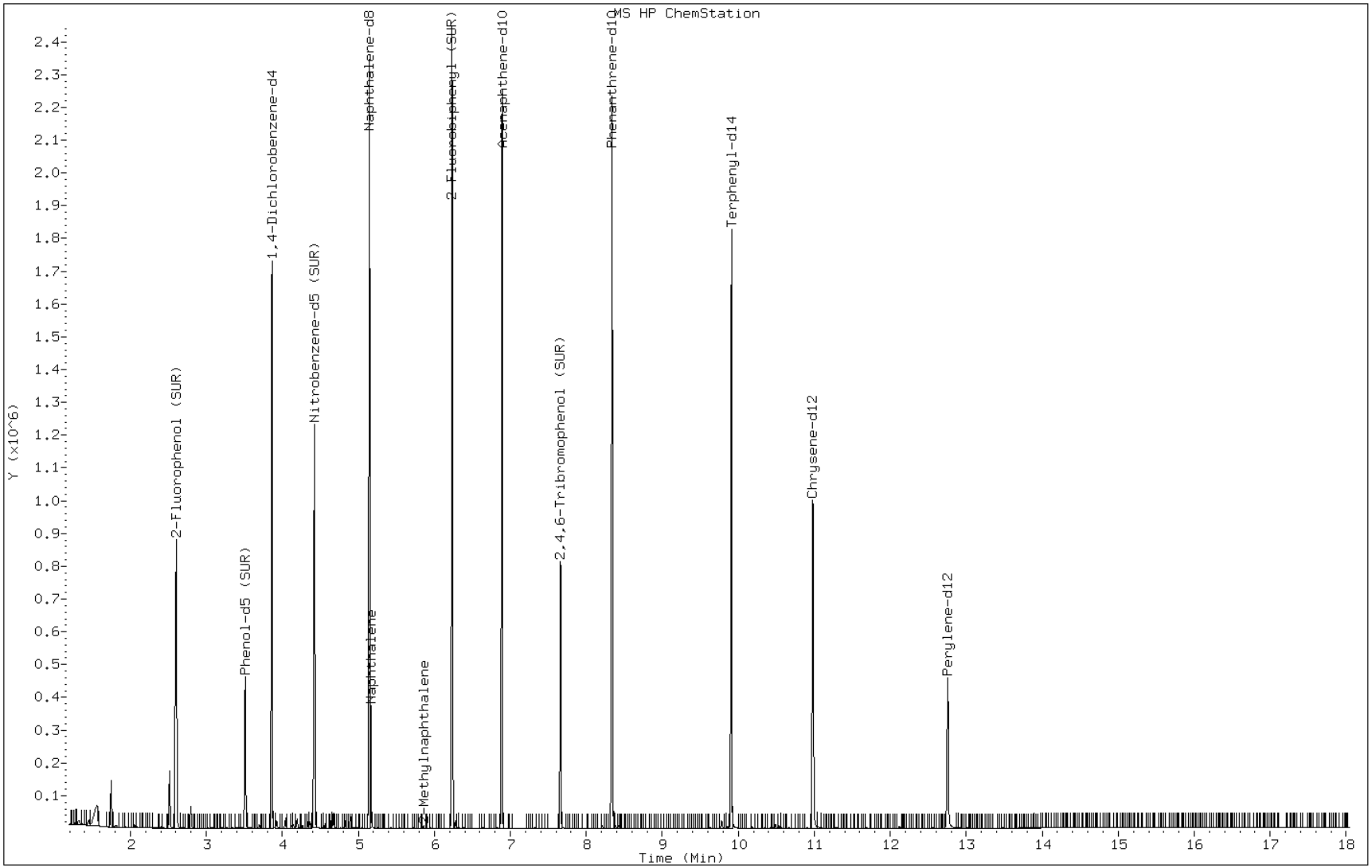
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: z3555.d

Date: 01-SEP-2009 10:31

Client ID: RB-017338-081909-AC Instrument: BNAMS11.i

Sample Info: 460-4869-A-6-A Operator: BNAMS 4



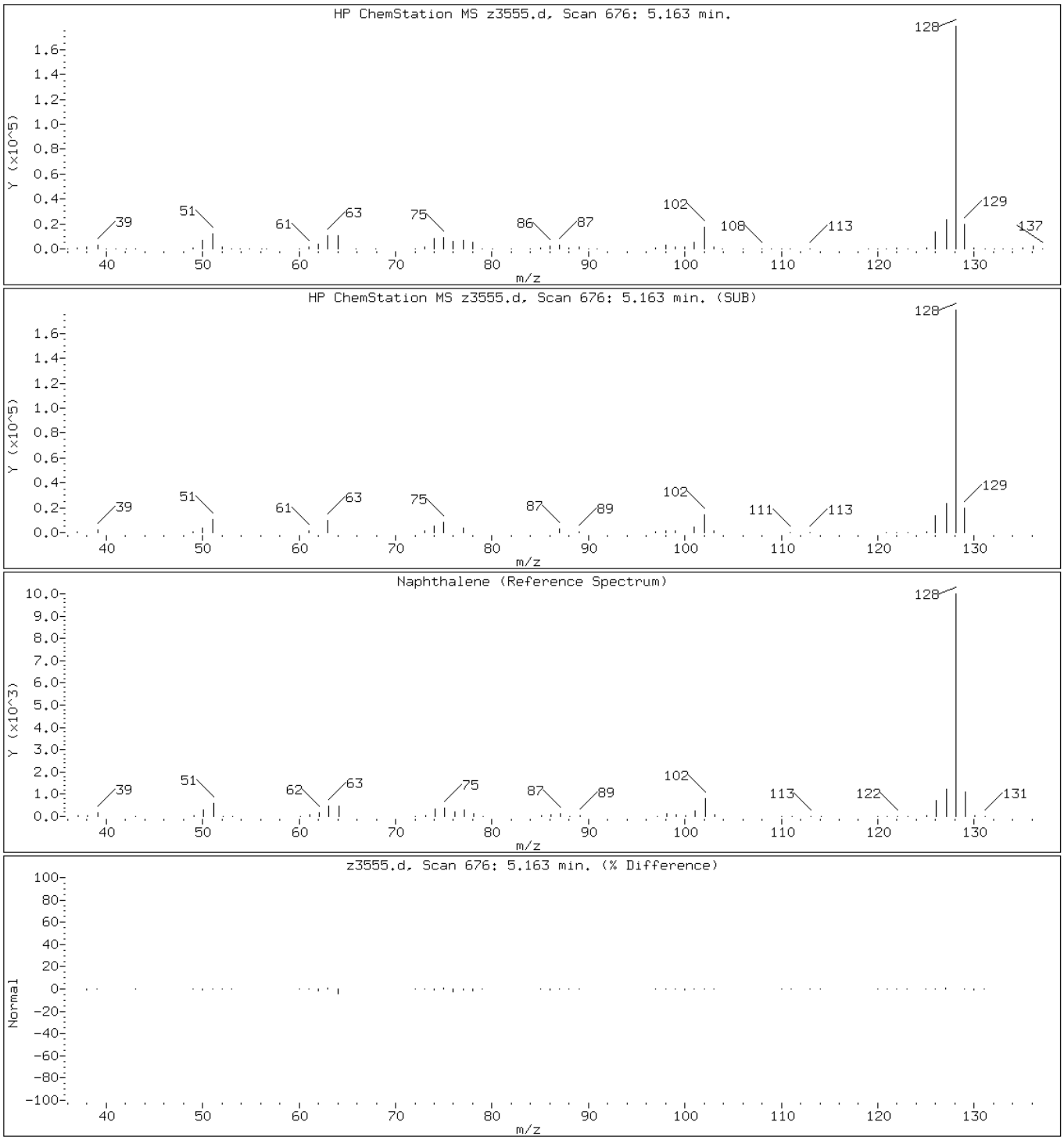
Data File: z3555.d

Date: 01-SEP-2009 10:31

Client ID: RB-017338-081909-AC Instrument: BNAMS11.i

Sample Info: 460-4869-A-6-A Operator: BNAMS 4

31 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-15 Lab Sample ID: 460-4869-7

Matrix: Water Lab File ID: x2094.d

Analysis Method: 8270C Date Collected: 08/19/2009 15:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 990(mL) Date Analyzed: 08/21/2009 21:53

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.4
108-95-2	Phenol	10	U	10	0.90
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	100		10	1.7
98-86-2	Acetophenone	14		10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	200		10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	19		10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.95
105-60-2	Caprolactam	10	U	10	0.51
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.8
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.1
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
99-09-2	3-Nitroaniline	20	U *	20	4.4
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.9
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-15 | Lab Sample ID: 460-4869-7

Matrix: Water | Lab File ID: x2094.d

Analysis Method: 8270C | Date Collected: 08/19/2009 15:30

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 990(mL) | Date Analyzed: 08/21/2009 21:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.2
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U *	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.5
106-44-5	4-Methylphenol	240		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-15 Lab Sample ID: 460-4869-7

Matrix: Water Lab File ID: x2094.d

Analysis Method: 8270C Date Collected: 08/19/2009 15:30

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 990(mL) Date Analyzed: 08/21/2009 21:53

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	15	19-66	X
321-60-8	2-Fluorobiphenyl	95	53-110	
4165-62-2	Phenol-d5	34	13-44	
4165-60-0	Nitrobenzene-d5	103	49-114	
118-79-6	2,4,6-Tribromophenol	101	52-122	
1718-51-0	Terphenyl-d14	96	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2094.d
Report Date: 24-Aug-2009 10:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2094.d
Lab Smp Id: 460-4869-B-7-A Client Smp ID: GW-017338-081909-AC
Inj Date : 21-AUG-2009 21:53
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-4869-B-7-A
Misc Info : 460-4869-B-7-A
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.737	2.637	(0.698)	66502	7.61222	15(R)
$ 17 Phenol-d5 (SUR)	99	3.572	3.578	(0.911)	160124	17.0798	34
* 79 1,4-Dichlorobenzene-d4	152	3.919	3.913	(1.000)	265205	40.0000	
23 1,2-Dichlorobenzene	146	4.084	4.084	(1.042)	1991	0.20179	0.41(a)
3 2-Methylphenol	108	4.201	4.201	(1.072)	352085	49.6833	100
4 4-Methylphenol	108	4.372	4.360	(1.116)	790474	119.590	240
124 3 & 4 Methylphenol	108	4.372	4.360	(1.116)	790474	120.234	240(A)
104 Acetophenone	105	4.325	4.337	(1.104)	73605	6.93227	14
$ 76 Nitrobenzene-d5 (SUR)	82	4.478	4.484	(0.861)	436186	51.3812	100
6 2,4-Dimethylphenol	122	4.907	4.895	(0.943)	675911	97.7190	200(H)
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	903888	40.0000	
31 Naphthalene	128	5.225	5.231	(1.005)	232857	9.57805	19
34 2-Methylnaphthalene	142	5.925	5.925	(1.139)	6227	0.42073	0.85(a)
120 1-Methylnaphthalene	142	6.019	6.025	(1.157)	2434	0.17090	0.34(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	695442	47.5822	96

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2094.d
Report Date: 24-Aug-2009 10:56

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 82 Acenaphthene-d10	164	6.966	6.960	(1.000)	412997	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.742	7.742	(1.111)	79702	50.7182	100
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	490040	40.0000	
$ 78 Terphenyl-d14	244	9.983	9.989	(0.901)	410231	48.0792	97
* 81 Chrysene-d12	240	11.083	11.089	(1.000)	317358	40.0000	
* 84 Perylene-d12	264	12.889	12.889	(1.000)	226927	40.0000	

QC Flag Legend

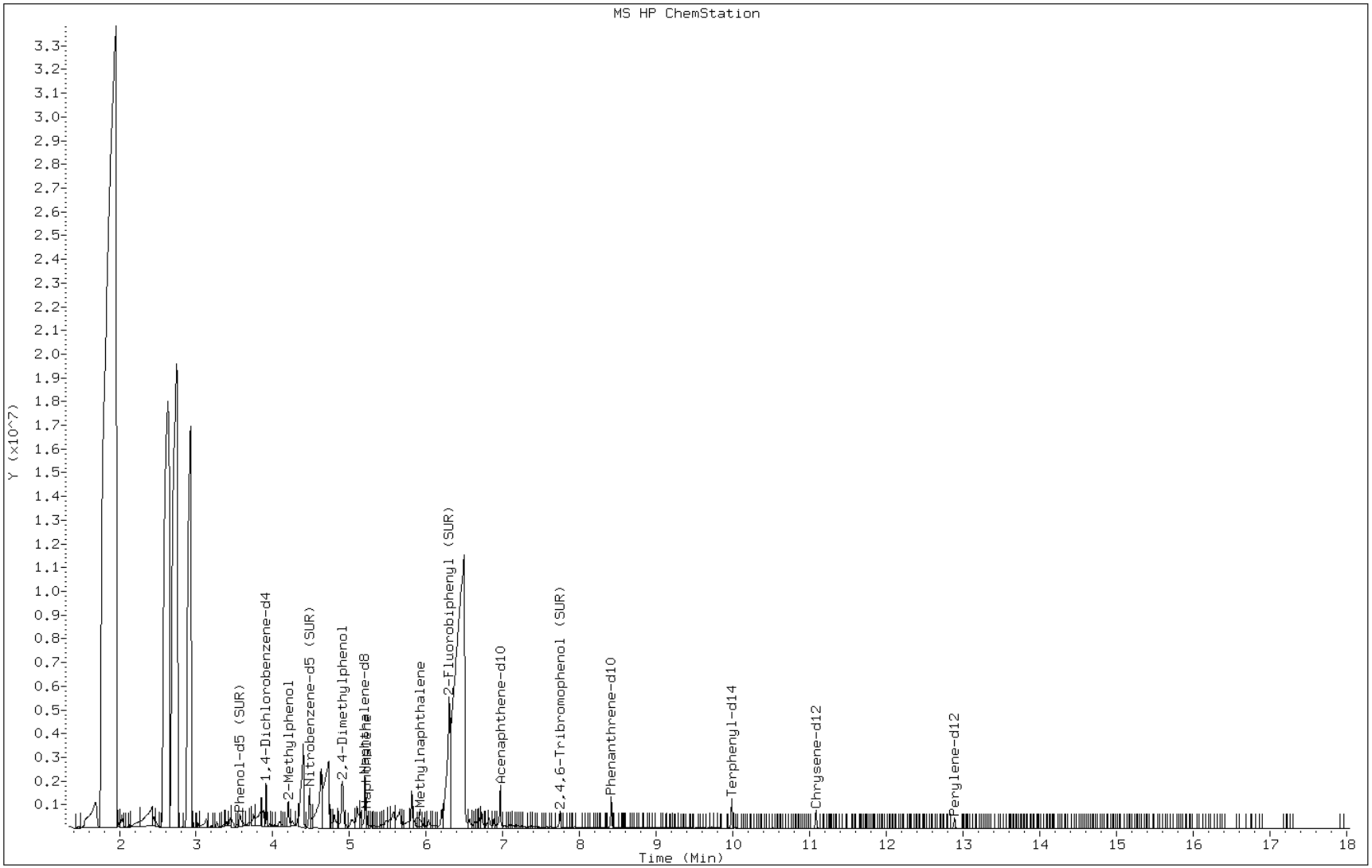
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x2094.d

Date: 21-AUG-2009 21:53

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-B-7-A Operator: BNAMS 4



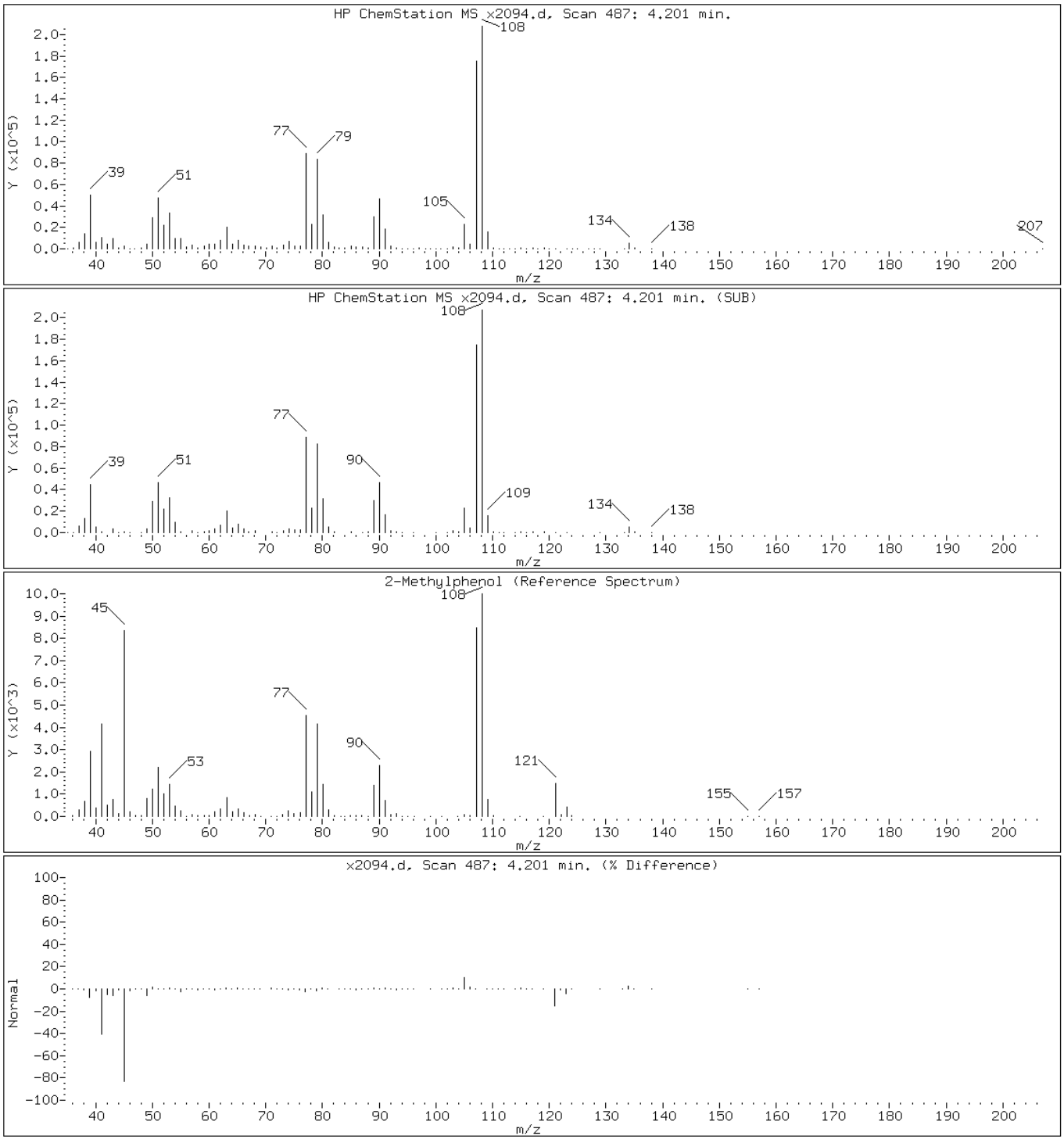
Data File: x2094.d

Date: 21-AUG-2009 21:53

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-B-7-A Operator: BNAMS 4

3 2-Methylphenol



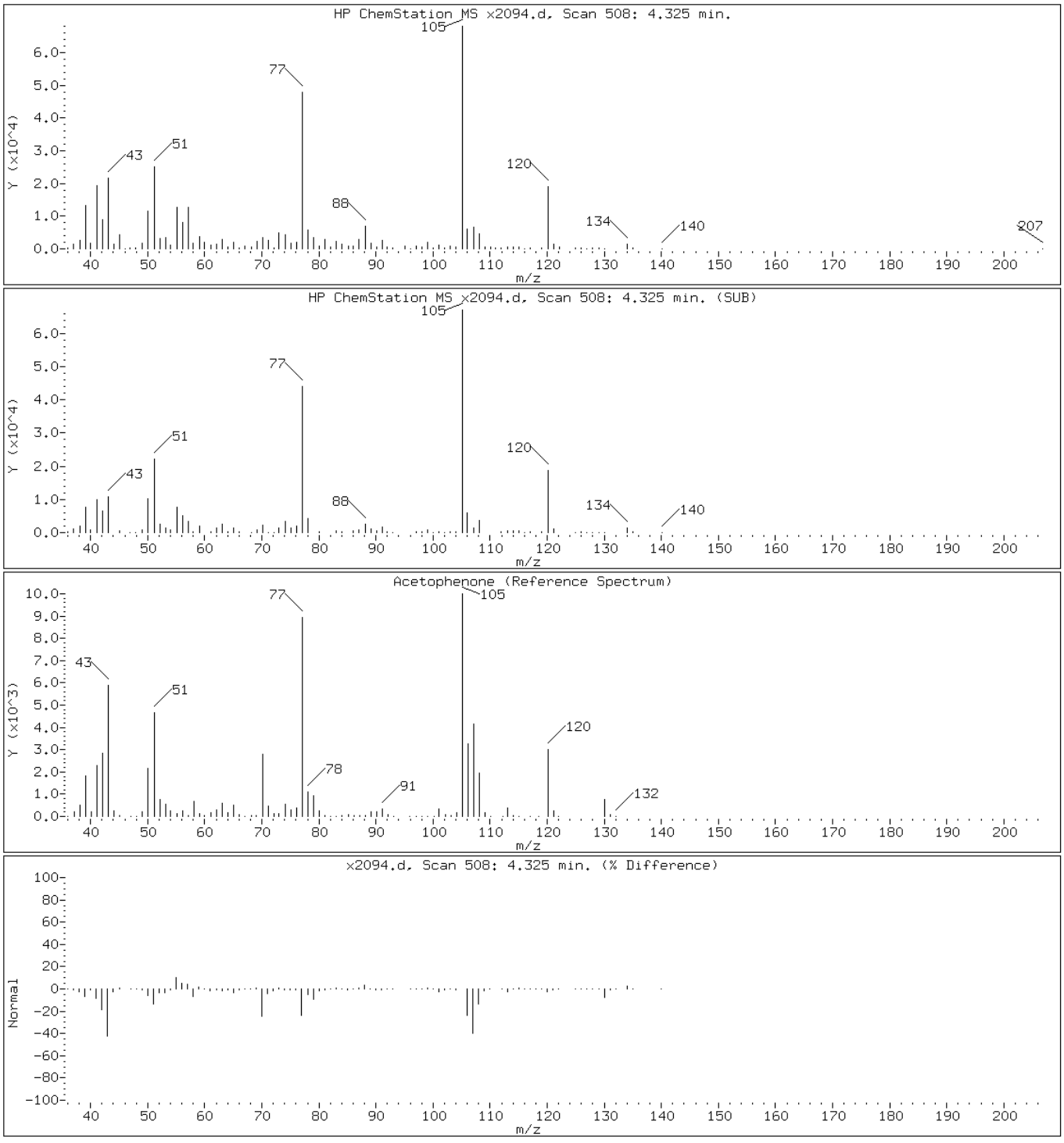
Data File: x2094.d

Date: 21-AUG-2009 21:53

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-B-7-A Operator: BNAMS 4

104 Acetophenone



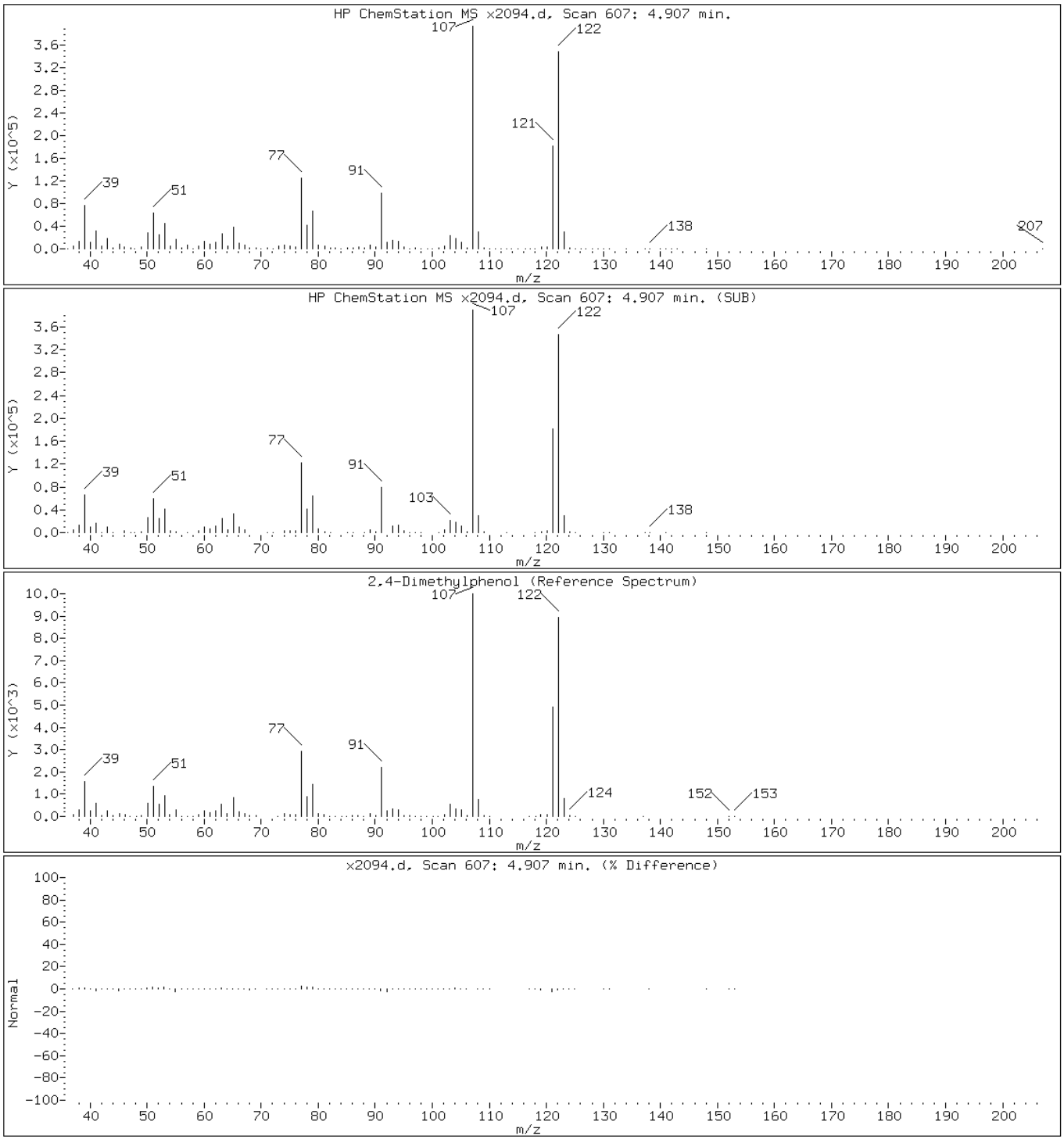
Data File: x2094.d

Date: 21-AUG-2009 21:53

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-B-7-A Operator: BNAMS 4

6 2,4-Dimethylphenol



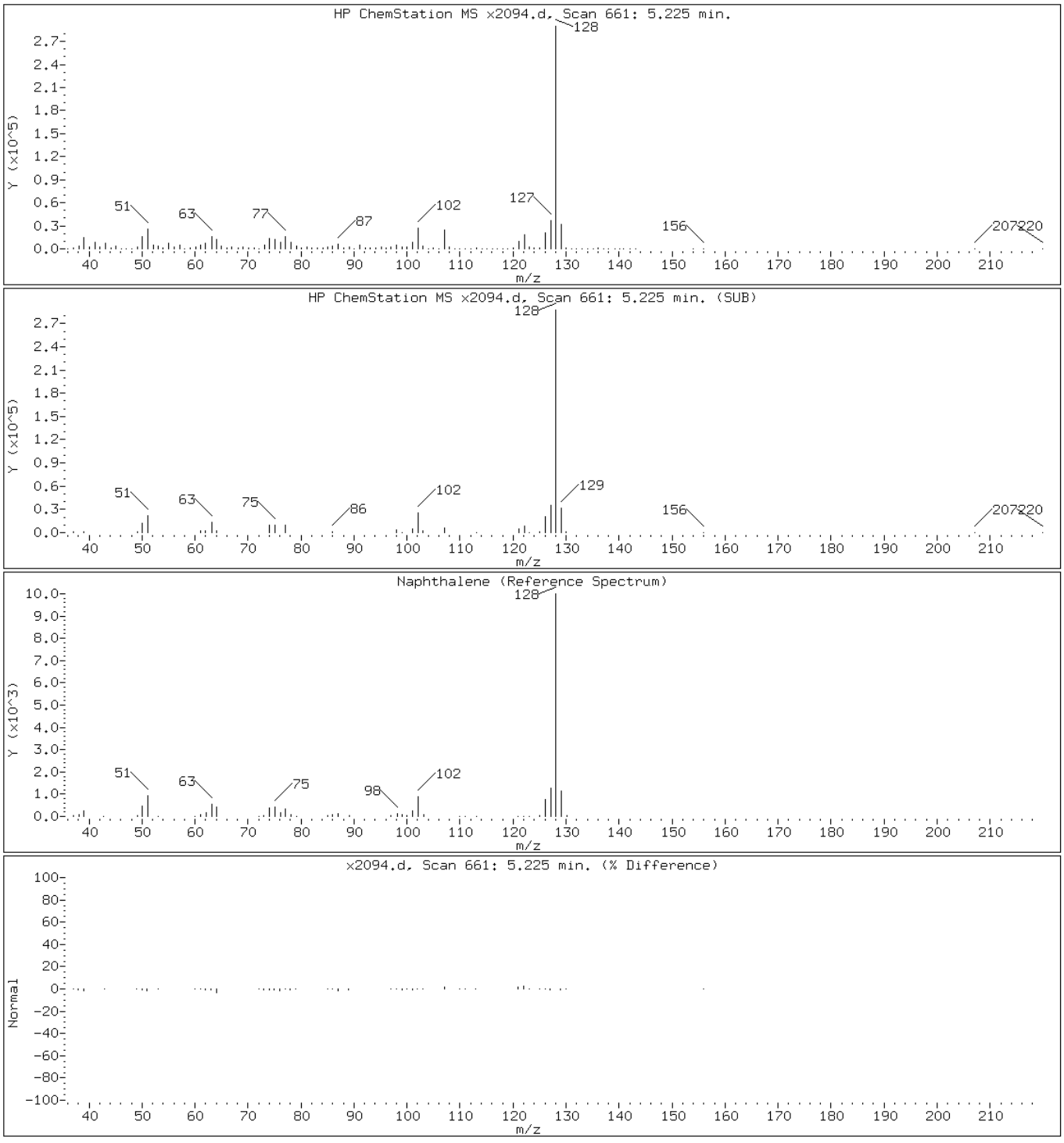
Data File: x2094.d

Date: 21-AUG-2009 21:53

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-B-7-A Operator: BNAMS 4

31 Naphthalene



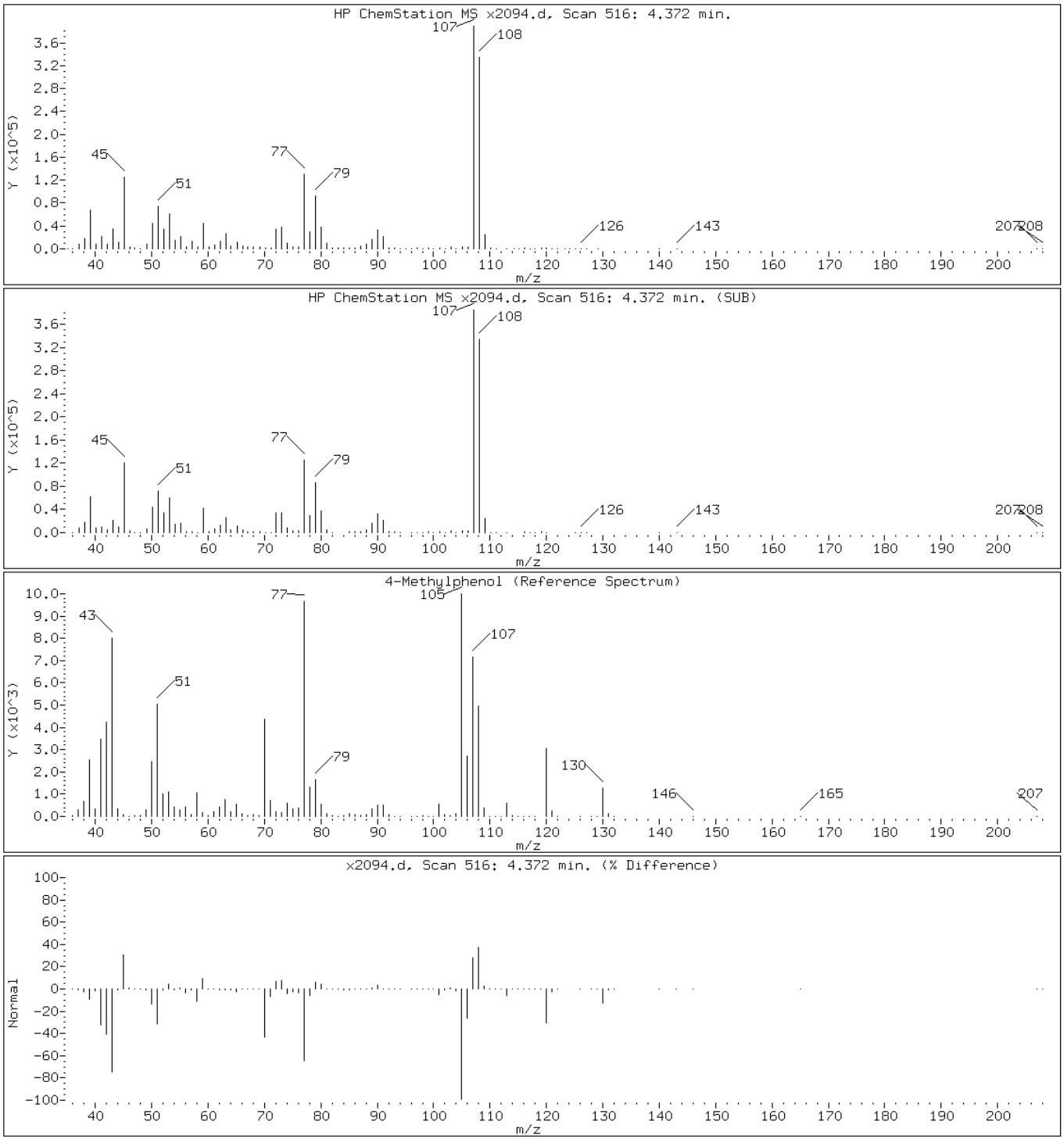
Data File: x2094.d

Date: 21-AUG-2009 21:53

Client ID: GW-017338-081909-AC Instrument: BNAMS5.i

Sample Info: 460-4869-B-7-A Operator: BNAMS 4

4 4-Methylphenol



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-15714/4	z3495.d
Level 2	IC 460-15714/7	z3498.d
Level 3	IC 460-15714/6	z3497.d
Level 4	ICIS 460-15714/2	z3493.d
Level 5	IC 460-15714/5	z3496.d
Level 6	IC 460-15714/3	z3494.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.5926 0.5772	0.6032	0.5772	0.5665	0.5581	Ave		0.5791				2.9		15.0			
N-Nitrosodimethylamine	0.8544 0.8230	0.8625	0.8399	0.8413	0.8089	Ave		0.8383				2.4		15.0			
Pyridine	1.5294 1.4072	1.5442	1.4855	1.4303	1.3734	Ave		1.4617				4.7		15.0			
2,3,7,8-TCDD	+++++ +++++	+++++	+++++	0.1785	+++++	Ave		0.1785						15.0			
Benzaldehyde	0.7170 +++++	0.8562	0.7613	0.5515	0.4103	Ave		0.6592				26.9	*	15.0			
Aniline	2.1716 1.6539	2.2550	2.0887	2.0158	1.8006	Ave		1.9976				11.5		15.0			
Phenol	1.9787 1.4951	1.8851	1.8065	1.7042	1.5500	Ave		1.7366				10.9		30.0			
Bis(2-chloroethyl)ether	1.6564 1.4120	1.4607	1.3949	1.3968	1.3089	Ave		1.4383				8.2		15.0			
2-Chlorophenol	1.4918 1.3249	1.4352	1.4698	1.4337	1.3357	Ave		1.4152				4.9		15.0			
n-Decane	1.4226 1.0887	1.4287	1.3560	1.2489	1.1085	Ave		1.2756				11.9		15.0			
1,3-Dichlorobenzene	1.6741 1.5982	1.6821	1.6536	1.6711	1.6401	Ave		1.6532				1.9		15.0			
1,4-Dichlorobenzene	1.6708 1.5756	1.7086	1.6730	1.7063	1.6300	Ave		1.6607				3.0		30.0			
Benzyl alcohol	0.8439 0.7554	0.9001	0.8608	0.9047	0.7891	Ave		0.8423				7.1		15.0			
1,2-Dichlorobenzene	1.5879 1.4083	1.6008	1.5478	1.5802	1.4954	Ave		1.5367				4.8		15.0			
2-Methylphenol	1.2697 1.0225	1.1836	1.1878	1.1629	1.0515	Ave		1.1463				8.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	1.7118 1.2071	1.6625	1.5632	1.4937	1.2666	Ave		1.4842				13.9		15.0			
Acetophenone	1.9488 1.4600	1.8376	1.7570	1.7013	1.5110	Ave		1.7026				11.1		15.0			
N-Nitrosodi-n-propylamine	1.0465 0.8155	1.0218	0.9580	0.9100	0.7280	Ave		0.9133			0.0500	13.4		15.0			
3 & 4 Methylphenol	1.2816 1.0283	1.2243	1.1529	1.1450	1.0493	Ave		1.1469				8.5		15.0			
4-Methylphenol	1.2630 1.0283	1.2243	1.1529	1.1450	1.0525	Ave		1.1443				8.1		15.0			
Hexachloroethane	0.6572 0.5783	0.6590	0.6482	0.6571	0.6134	Ave		0.6355				5.2		15.0			
Nitrobenzene	0.6329 0.4304	0.6015	0.5827	0.5441	0.4806	Ave		0.5454				14.1		15.0			
n,n'-Dimethylaniline	2.5329 1.6969	2.2301	2.1623	2.0920	1.8477	Ave		2.0936				14.1		15.0			
Isophorone	0.7286 0.6419	0.7249	0.7054	0.7008	0.6625	Ave		0.6940				5.0		15.0			
2-Nitrophenol	0.2001 0.2029	0.1940	0.2028	0.2041	0.2042	Ave		0.2013				1.9		30.0			
2,4-Dimethylphenol	0.3394 0.3028	0.3234	0.3323	0.3186	0.3077	Ave		0.3207				4.4		15.0			
Bis(2-chloroethoxy)methane	0.4454 0.3858	0.4436	0.4309	0.4238	0.3984	Ave		0.4213				5.8		15.0			
Benzoic acid	0.1020 0.1143	0.1235	0.1572	0.1197	0.1145	LinF		0.1159							0.9944		0.9900
2,4-Dichlorophenol	0.2898 0.2874	0.2788	0.2920	0.2846	0.2861	Ave		0.2864				1.6		30.0			
1,2,4-Trichlorobenzene	0.3474 0.3503	0.3567	0.3473	0.3535	0.3523	Ave		0.3513				1.0		15.0			
Naphthalene	1.1621 0.9891	1.1711	1.1259	1.1138	1.0500	Ave		1.1020				6.4		15.0			
4-Chloroaniline	0.4110 0.3705	0.4322	0.4222	0.4019	0.3830	Ave		0.4035				5.8		15.0			
Hexachlorobutadiene	0.2043 0.2170	0.2064	0.2056	0.2149	0.2226	Ave		0.2118				3.5		30.0			
Caprolactam	0.0802 0.0775	0.0849	0.0879	0.0844	0.0778	Ave		0.0821				5.2		15.0			
4-Chloro-3-methylphenol	0.2974 0.2650	0.2828	0.2914	0.2884	0.2657	Ave		0.2818				4.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylnaphthalene	0.7084 0.6126	0.6824	0.6674	0.6638	0.6357	Ave		0.6617				5.1		15.0			
1-Methylnaphthalene	0.6759 0.6043	0.6794	0.6621	0.6343	0.6062	Ave		0.6437				5.2		15.0			
Hexachlorocyclopentadiene	0.3162 0.4766	0.3386	0.3777	0.4471	0.4631	LinF		0.4682							0.9965		0.9900
2-tertbutyl-4-methylphenol	0.4634 0.4223	0.4634	0.4578	0.4415	0.4242	Ave		0.4454				4.3		15.0			
2,4,6-Trichlorophenol	0.3816 0.4232	0.3652	0.3856	0.3902	0.3999	Ave		0.3910				5.0		30.0			
2,4,5-Trichlorophenol	0.3926 0.4009	0.3799	0.3996	0.3931	0.3895	Ave		0.3926				1.9		15.0			
1,1'-Biphenyl	1.6118 1.3866	1.5804	1.6031	1.5993	1.5046	Ave		1.5476				5.7		15.0			
2-Chloronaphthalene	1.2399 1.1667	1.2596	1.2532	1.2388	1.2126	Ave		1.2285				2.8		15.0			
Phenyl ether	0.8745 0.8902	0.8718	0.8688	0.8918	0.8862	Ave		0.8805				1.1		15.0			
2-Nitroaniline	0.4064 0.3295	0.4459	0.4408	0.4365	0.3472	Ave		0.4010				12.7		15.0			
1,3-Dimethylnaphthalene	1.0024 0.9767	1.0103	1.0184	1.0038	0.9894	Ave		1.0002				1.5		15.0			
Dimethyl phthalate	1.2496 1.2297	1.2463	1.2349	1.2541	1.2338	Ave		1.2414				0.8		15.0			
Coumarin	0.3818 0.4017	0.3948	0.4030	0.3906	0.3852	Ave		0.3929				2.2		15.0			
2,6-Dinitrotoluene	0.2533 0.2934	0.2764	0.2796	0.2874	0.2882	Ave		0.2797				5.1		15.0			
Acenaphthylene	1.9294 1.8028	1.9593	1.9531	1.9352	1.8583	Ave		1.9064				3.3		15.0			
3-Nitroaniline	0.2804 0.2773	0.2772	0.2823	0.2725	0.2697	Ave		0.2766				1.7		15.0			
Acenaphthene	1.1349 0.9970	1.1382	1.1289	1.1418	1.0735	Ave		1.1024				5.2		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.1052 1.1386	1.1261	1.1593	1.1873	1.1577	Ave		1.1457				2.5		15.0			
2,4-Dinitrophenol	0.0748 0.1435	0.0895	0.1083	0.1272	0.1342	QuaF		8.9469	-4.743		0.0500				0.9963		0.9900
4-Nitrophenol	0.1731 0.1992	0.1730	0.1870	0.1962	0.1901	Ave		0.1864			0.0500	6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibenzofuran	1.6063 1.5768	1.6358	1.6277	1.6712	1.5885	Ave		1.6177				2.1		15.0			
2,4-Dinitrotoluene	0.3283 0.3604	0.3481	0.3552	0.3739	0.3585	Ave		0.3541				4.3		15.0			
Diethyl phthalate	1.1701 1.1756	1.1886	1.1819	1.2103	1.1766	Ave		1.1838				1.2		15.0			
Fluorene	1.2801 1.1636	1.2961	1.2993	1.3239	1.2516	Ave		1.2691				4.5		15.0			
4-Chlorophenyl phenyl ether	0.6233 0.6203	0.6190	0.6259	0.6634	0.6527	Ave		0.6341				3.0		15.0			
4-Nitroaniline	0.2410 0.2324	0.2400	0.2530	0.2165	0.2142	Ave		0.2329				6.5		15.0			
4,6-Dinitro-2-methylphenol	0.0993 0.1418	0.1077	0.1204	0.1322	0.1321	Ave		0.1222				13.3		15.0			
N-Nitrosodiphenylamine	0.5881 0.7005	0.5857	0.5826	0.5873	0.5729	Ave		0.6029				8.0		30.0			
1,2-Diphenylhydrazine	1.1438 1.0607	1.1610	1.1185	1.1148	1.0123	Ave		1.1018				5.0		15.0			
4-Bromophenyl phenyl ether	0.2309 0.2786	0.2339	0.2331	0.2512	0.2575	Ave		0.2475				7.6		15.0			
Hexachlorobenzene	0.2343 0.2865	0.2405	0.2428	0.2574	0.2622	Ave		0.2539				7.5		15.0			
Atrazine	0.2057 0.2022	0.2104	0.2119	0.2171	0.2040	Ave		0.2085				2.7		15.0			
Pentachlorophenol	0.1022 0.1563	0.1130	0.1207	0.1361	0.1384	QuaF		8.4088	-4.311						0.9988		0.9900
n-Octadecane	0.5585 0.4682	0.5941	0.5745	0.5471	0.4807	Ave		0.5372				9.5		15.0			
Phenanthrene	1.1454 1.1794	1.1633	1.1583	1.1994	1.1523	Ave		1.1664				1.7		15.0			
Anthracene	1.1371 1.1652	1.1733	1.1575	1.1974	1.1636	Ave		1.1657				1.7		15.0			
Carbazole	0.9313 0.9264	0.9697	0.9554	0.9513	0.9171	Ave		0.9419				2.1		15.0			
Di-n-butyl phthalate	1.1649 1.2093	1.2181	1.2145	1.2637	1.2056	Ave		1.2127				2.6		15.0			
Fluoranthene	1.0176 1.0475	1.0509	1.0510	1.0735	1.0387	Ave		1.0465				1.7		30.0			
Benzidine	0.0879 +++++	0.2808	0.1952	0.0412	0.0250	Ave		0.1260				86.6	*	15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Pyrene	1.5906 1.8513	1.7085	1.7094	1.7714	1.8355	Ave		1.7445				5.5		15.0			
Butyl benzyl phthalate	0.5977 0.6920	0.6386	0.6435	0.6774	0.6738	Ave		0.6538				5.3		15.0			
3,3'-Dichlorobenzidine	0.3033 0.2377	0.3224	0.3256	0.2782	0.2628	Ave		0.2883				12.1		15.0			
Benzo[a]anthracene	1.3759 1.1106	1.1142	1.0868	1.1182	1.0989	Ave		1.1508				9.6		15.0			
Chrysene	1.0056 0.9773	1.0656	1.0270	1.0014	1.0164	Ave		1.0156				2.9		15.0			
Bis(2-ethylhexyl) phthalate	0.7937 0.9113	0.7966	0.8233	0.8928	0.8783	Ave		0.8493				6.0		15.0			
Di-n-octyl phthalate	1.5644 2.1723	1.6366	1.7749	2.1339	1.9964	Ave		1.8797				13.7		30.0			
Benzo[b]fluoranthene	1.0686 1.2471	1.1657	1.1693	1.2330	1.2185	Ave		1.1837				5.5		15.0			
Benzo[k]fluoranthene	1.2027 1.3860	1.3271	1.3427	1.3307	1.3541	Ave		1.3239				4.8		15.0			
Benzo[a]pyrene	0.8378 1.0407	0.9410	0.9720	1.0371	1.0234	Ave		0.9753				8.0		30.0			
Indeno[1,2,3-cd]pyrene	0.4535 0.7632	0.5535	0.6515	0.7461	0.7648	LinF		0.7596							0.9984		0.9900
Dibenz(a,h)anthracene	0.4987 0.7848	0.6434	0.6760	0.7587	0.7927	LinF		0.7822							0.9987		0.9900
Benzo[g,h,i]perylene	0.6609 0.7867	0.7048	0.7338	0.7639	0.8003	Ave		0.7417				7.1		15.0			
2-Fluorophenol	1.3883 1.2319	1.4455	1.3539	1.3213	1.2203	Ave		1.3269				6.7		15.0			
Phenol-d5	1.6988 1.3122	1.7387	1.5877	1.5280	1.3729	Ave		1.5397				11.1		15.0			
Nitrobenzene-d5	0.4122 0.3768	0.4176	0.4282	0.4087	0.3894	Ave		0.4055				4.7		15.0			
2-Fluorobiphenyl	1.3979 1.4112	1.4070	1.4664	1.4304	1.3967	Ave		1.4183				1.9		15.0			
2,4,6-Tribromophenol	0.1443 0.1710	0.1488	0.1457	0.1593	0.1640	Ave		0.1555				7.0		15.0			
Terphenyl-d14	1.0042 1.2280	1.0413	1.1188	1.1143	1.1786	Ave		1.1142				7.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-15714/4	z3495.d
Level 2	IC 460-15714/7	z3498.d
Level 3	IC 460-15714/6	z3497.d
Level 4	ICIS 460-15714/2	z3493.d
Level 5	IC 460-15714/5	z3496.d
Level 6	IC 460-15714/3	z3494.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	17385 381240	34916	62231	157977	240509	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	25063 543606	49928	90554	234606	348573	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	44865 929468	89388	160162	398848	591816	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD	CRY	Ave	+++++ +++++	+++++	+++++	662	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	21034 +++++	49560	82078	153797	176788	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	63703 1092477	130533	225201	562139	775879	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	58045 987543	109123	194769	475251	667891	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	4859 932668	84554	150394	389505	563997	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	43762 875102	83079	158466	399815	575559	5.00 120	10.0	20.0	50.0	80.0
n-Decane	DCB	Ave	41730 719113	82702	146205	348265	477656	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	49110 1055650	97374	178287	466015	706732	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	49012 1040714	98903	180379	475826	702399	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	24756 498966	52104	92804	252286	340029	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	46581 930254	92665	166874	440649	644374	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	37245 675363	68517	128068	324290	453119	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	50216 797350	96236	168538	416552	545795	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetophenone	DCB	Ave	57168 964346	106374	189439	474431	651119	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3070 538673	59150	103288	253780	313705	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	37594 679228	70870	124299	319313	452163	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	37050 679228	70870	124299	319313	453543	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	1928 381969	38146	69887	183237	264324	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	6559 957387	121239	217268	530883	701361	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	7430 1120840	129093	233134	583394	796168	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	75508 1427770	146109	263018	683756	966755	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	20735 451253	39103	75595	199099	298005	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	35175 673486	65185	123899	310871	448994	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	46159 858138	89414	160666	413534	581395	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	10574 254146	24886	58592	116777	167083	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	30036 639202	56190	108863	277673	417483	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3601 779235	71890	129493	344913	514124	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	120443 2200113	236037	419763	1086760	1532257	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	42597 824105	87112	157403	392133	558961	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	4234 482648	41605	76650	209649	324854	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	8313 172370	17102	32757	82317	113472	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	30828 589417	56997	108653	281432	387774	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	73423 1362697	137544	248843	647647	927753	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	70052 1344225	136942	246861	618919	884652	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorocyclopentadiene	ACN	LinF	16612 500778	33950	69106	213117	324865	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	48025 939290	93393	170700	430773	618987	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ACN	Ave	20048 444658	36621	70548	186017	280539	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ACN	Ave	20624 421263	38094	73104	187393	273208	5.00 120	10.0	20.0	50.0	80.0
1,1'-Biphenyl	ACN	Ave	84668 1456849	158465	293306	762336	1055477	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ACN	Ave	65135 1225859	126299	229283	590504	850646	5.00 120	10.0	20.0	50.0	80.0
Phenyl ether	ACN	Ave	45939 935303	87415	158953	425072	621684	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ACN	Ave	42697 346233	44711	80642	208069	243528	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ACN	Ave	52659 1026210	101302	186336	478498	694042	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ACN	Ave	65642 1291994	124968	225937	597798	865484	5.00 120	10.0	20.0	50.0	80.0
Coumarin	ACN	Ave	20057 422072	39585	73736	186168	270252	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ACN	Ave	2661 308297	27716	51163	137003	202200	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ACN	Ave	101356 1894190	196453	357347	922449	1303623	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ACN	Ave	29461 291379	27793	51649	129912	189199	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ACN	Ave	59616 1047575	114129	206549	544276	753026	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ACN	Ave	58059 1196274	112908	212109	565948	812096	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ACN	QuaF	11788 150824	17949	29722	60642	94134	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ACN	Ave	27280 209307	34698	51318	93538	133370	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ACN	Ave	84383 1656730	164021	297809	796610	1114316	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrotoluene	ACN	Ave	3449 378693	34899	64993	178220	251458	1.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ACN	Ave	61465 1235227	119182	216236	576919	825374	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluorene	ACN	Ave	67244 1222553	129953	237715	631050	878006	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ACN	Ave	32743 651736	62065	114521	316204	457870	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ACN	Ave	25323 244157	24068	46296	103193	150277	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	21153 194326	28530	44179	83094	123349	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	41765 960343	77565	142481	369185	535002	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	81230 1454125	153741	273564	700716	945331	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	16395 381946	30974	57022	157925	240436	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	1664 392728	31842	59374	161818	244842	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	14607 277214	27861	51830	136432	190466	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	21775 214304	29931	44272	85566	129253	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	39661 641838	78677	140512	343882	448894	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	81348 1616712	154049	283308	753903	1076084	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	80758 1597248	155370	283099	752647	1086661	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	66139 1269902	128405	233668	597959	856456	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	82733 1657793	161307	297052	794346	1125874	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	72269 1435993	139164	257064	674761	969989	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	6245 +++++	74360	71626	25909	23309	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	71858 1389195	138178	252847	656836	934490	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	27002 519262	51648	95176	251204	343028	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	27408 178367	52140	72244	103166	133787	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	6216 833369	90110	160748	414627	559452	0.500 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 15714

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2009 01:11 Calibration End Date: 08/31/2009 03:40 Calibration ID: 2762

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chrysene	CRY	Ave	45430 733352	86181	151910	371333	517491	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	35856 683811	64426	121774	331062	447168	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PD12	Ave	42573 876327	76537	150216	436518	578857	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PD12	Ave	2908 503092	54516	98964	252217	353303	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PD12	Ave	3273 559122	62063	113642	272210	392620	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PD12	Ave	2280 419825	44006	82268	212151	296730	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PD12	LinF	1234 307896	25887	55144	152619	221749	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PD12	LinF	1357 316618	30090	57215	155192	229842	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PD12	Ave	17986 317347	32963	62102	156262	232033	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	40726 813709	83673	145971	368463	525851	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	49834 866737	100649	171183	426093	591597	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	42720 838214	84164	159645	398799	568315	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ACN	Ave	73433 1482737	141075	268300	681828	979808	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ACN	Ave	7580 179676	14920	26659	75916	115040	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	45368 921461	84212	165489	413181	600073	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3493.d
Report Date: 31-Aug-2009 04:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3493.d
Lab Smp Id: CCVIS-154120
Inj Date : 31-AUG-2009 01:11
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCVIS-154120
Misc Info : 50ppm bna4392
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/8270C_08SP.m
Meth Date : 31-Aug-2009 04:48 asfawa Quant Type: ISTD
Cal Date : 31-AUG-2009 01:11 Cal File: z3493.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
106	1,4-Dioxane	88	1.307	1.307	(0.338)	157977	50.0000	50
19	N-Nitrosodimethylamine	74	1.519	1.519	(0.392)	234606	50.0000	50
71	Pyridine	79	1.543	1.543	(0.398)	398848	50.0000	50
$ 16	2-Fluorophenol (SUR)	112	2.602	2.602	(0.672)	368463	50.0000	50
110	Benzaldehyde	77	3.419	3.419	(0.883)	153797	50.0000	50
$ 17	Phenol-d5 (SUR)	99	3.537	3.537	(0.913)	426093	50.0000	50
1	Phenol	94	3.549	3.549	(0.916)	475251	50.0000	50
73	Aniline	93	3.543	3.543	(0.915)	562139	50.0000	50
20	bis(2-Chloroethyl)ether	93	3.613	3.613	(0.933)	389505	50.0000	50
2	2-Chlorophenol	128	3.666	3.666	(0.947)	399815	50.0000	50
113	n-decane	43	3.731	3.731	(0.964)	348265	50.0000	50
21	1,3-Dichlorobenzene	146	3.813	3.813	(0.985)	466015	50.0000	50
* 79	1,4-Dichlorobenzene-d4	152	3.872	3.872	(1.000)	223092	40.0000	
22	1,4-Dichlorobenzene	146	3.890	3.890	(1.005)	475826	50.0000	50
74	Benzyl Alcohol	108	4.025	4.025	(1.039)	252286	50.0000	50

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3493.d
Report Date: 31-Aug-2009 04:48

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.043	4.043	(1.044)	440649	50.0000	50
	3 2-Methylphenol	108	4.154	4.154	(1.073)	324290	50.0000	50
	24 bis (2-chloroisopropyl) ether	45	4.160	4.160	(1.074)	416552	50.0000	50
	104 Acetophenone	105	4.296	4.296	(1.109)	474431	50.0000	50
	4 4-Methylphenol	108	4.319	4.319	(1.115)	319313	50.0000	50
	124 3 & 4 methylphenol	108	4.319	4.319	(1.115)	319313	50.0000	50
	25 N-Nitroso-di-n-propylamine	70	4.307	4.307	(1.112)	253780	50.0000	50
	26 Hexachloroethane	117	4.378	4.378	(1.131)	183237	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	4.437	4.437	(0.860)	398799	50.0000	50
	27 Nitrobenzene	77	4.460	4.460	(0.864)	530883	50.0000	50
	107 N,N-Dimethylaniline	120	4.466	4.466	(1.153)	583394	50.0000	50
	28 Isophorone	82	4.707	4.707	(0.912)	683756	50.0000	50
	5 2-Nitrophenol	139	4.778	4.778	(0.926)	199099	50.0000	50
	6 2,4-Dimethylphenol	122	4.848	4.848	(0.940)	310871	50.0000	50
	29 bis(2-Chloroethoxy)methane	93	4.937	4.937	(0.957)	413534	50.0000	50
	15 Benzoic Acid	122	5.001	5.001	(0.969)	116777	50.0000	50
	7 2,4-Dichlorophenol	162	5.031	5.031	(0.975)	277673	50.0000	50
	30 1,2,4-Trichlorobenzene	180	5.107	5.107	(0.990)	344913	50.0000	50
*	80 Naphthalene-d8	136	5.160	5.160	(1.000)	780577	40.0000	
	31 Naphthalene	128	5.178	5.178	(1.003)	1086760	50.0000	50
	32 4-Chloroaniline	127	5.248	5.248	(1.017)	392133	50.0000	50
	33 Hexachlorobutadiene	225	5.319	5.319	(1.031)	209649	50.0000	50
	111 Caprolactam	113	5.631	5.631	(1.091)	82317	50.0000	50
	8 4-Chloro-3-methylphenol	107	5.766	5.766	(1.117)	281432	50.0000	50
	34 2-Methylnaphthalene	142	5.878	5.878	(1.139)	647647	50.0000	50
	120 1-Methylnaphthalene	142	5.972	5.972	(1.157)	618919	50.0000	50
	35 Hexachlorocyclopentadiene	237	6.042	6.042	(0.875)	213117	50.0000	50
	121 2-tert-Butyl-4-methylphenol	149	6.107	6.107	(1.184)	430773	50.0000	50
	9 2,4,6-Trichlorophenol	196	6.172	6.172	(0.894)	186017	50.0000	50
	10 2,4,5-Trichlorophenol	196	6.213	6.213	(0.900)	187393	50.0000	50
$	77 2-Fluorobiphenyl (SUR)	172	6.248	6.248	(0.905)	681828	50.0000	50
	102 Diphenyl	154	6.348	6.348	(0.919)	762336	50.0000	50
	36 2-Chloronaphthalene	162	6.360	6.360	(0.921)	590504	50.0000	50
	103 Diphenyl Ether	170	6.454	6.454	(0.934)	425072	50.0000	50
	37 2-Nitroaniline	65	6.472	6.472	(0.937)	208069	50.0000	50
	123 1,3-Dimethylnaphthalene	156	6.578	6.578	(0.952)	478498	50.0000	50
	38 Dimethylphthalate	163	6.666	6.666	(0.965)	597798	50.0000	50
	114 Coumarin	146	6.672	6.672	(0.966)	186168	50.0000	50
	40 2,6-Dinitrotoluene	165	6.719	6.719	(0.973)	137003	50.0000	50
	39 Acenaphthylene	152	6.766	6.766	(0.980)	922449	50.0000	50
	41 3-Nitroaniline	138	6.878	6.878	(0.996)	129912	50.0000	50
*	82 Acenaphthene-d10	164	6.907	6.907	(1.000)	381335	40.0000	
	42 Acenaphthene	154	6.937	6.937	(1.004)	544276	50.0000	50
	122 2,6-Di-tert-butyl-p-cresol	205	6.948	6.948	(1.006)	565948	50.0000	50
	11 2,4-Dinitrophenol	184	6.984	6.984	(1.011)	60642	50.0000	50
	12 4-Nitrophenol	65	7.072	7.072	(1.024)	93538	50.0000	50
	44 2,4-Dinitrotoluene	165	7.107	7.107	(1.029)	178220	50.0000	50

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3493.d
Report Date: 31-Aug-2009 04:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.107	7.107	(1.029)	796610	50.0000	50
	45 Diethylphthalate	149	7.360	7.360	(1.066)	576919	50.0000	50
	47 Fluorene	166	7.442	7.442	(1.077)	631050	50.0000	50
	46 4-Chlorophenyl-phenylether	204	7.448	7.448	(1.078)	316204	50.0000	50
	48 4-Nitroaniline	138	7.484	7.484	(1.083)	103193	50.0000	50
	13 4,6-Dinitro-2-methylphenol	198	7.513	7.513	(0.899)	83094	50.0000	50
	49 N-Nitrosodiphenylamine	169	7.572	7.572	(0.906)	369185	50.0000	50
	75 1,2-Diphenylhydrazine	77	7.607	7.607	(0.911)	700716	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	7.684	7.684	(1.112)	75916	50.0000	50
	50 4-Bromophenyl-phenylether	248	7.925	7.925	(0.949)	157925	50.0000	50
	51 Hexachlorobenzene	284	7.989	7.989	(0.956)	161818	50.0000	50
	112 Atrazine	200	8.107	8.107	(0.970)	136432	50.0000	50
	14 Pentachlorophenol	266	8.184	8.184	(0.980)	85566	50.0000	50
	115 n-Octadecane	57	8.289	8.289	(0.992)	343882	50.0000	50
*	83 Phenanthrene-d10	188	8.354	8.354	(1.000)	502855	40.0000	
	52 Phenanthrene	178	8.378	8.378	(1.003)	753903	50.0000	50
	53 Anthracene	178	8.431	8.431	(1.009)	752647	50.0000	50
	54 Carbazole	167	8.595	8.595	(1.029)	597959	50.0000	50
	55 Di-n-butylphthalate	149	8.954	8.954	(1.072)	794346	50.0000	50
	56 Fluoranthene	202	9.542	9.542	(1.142)	674761	50.0000	50
	58 Benzidine	184	9.678	9.678	(1.158)	25909	50.0000	50
	57 Pyrene	202	9.760	9.760	(0.887)	656836	50.0000	50
$	78 Terphenyl-d14	244	9.925	9.925	(0.902)	413181	50.0000	50
	59 Butylbenzylphthalate	149	10.425	10.425	(0.947)	251204	50.0000	50
	109 2,3,7,8-TCDD (Screen)	322	10.507	10.507	(0.955)	662	0.50000	0.50
	60 3,3'-Dichlorobenzidine	252	10.977	10.977	(0.997)	103166	50.0000	50
	61 Benzo(a)anthracene	228	10.995	10.995	(0.999)	414627	50.0000	50
*	81 Chrysene-d12	240	11.007	11.007	(1.000)	296647	40.0000	
	62 Chrysene	228	11.036	11.036	(1.003)	371333	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	11.072	11.072	(1.006)	331062	50.0000	50
	64 Di-n-octylphthalate	149	11.860	11.860	(0.928)	436518	50.0000	50
	65 Benzo(b)fluoranthene	252	12.295	12.295	(0.962)	252217	50.0000	50
	66 Benzo(k)fluoranthene	252	12.330	12.330	(0.965)	272210	50.0000	50
	67 Benzo(a)pyrene	252	12.707	12.707	(0.994)	212151	50.0000	50
*	84 Perylene-d12	264	12.783	12.783	(1.000)	163650	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.165	14.165	(1.108)	152619	50.0000	50
	69 Dibenz(a,h)anthracene	278	14.195	14.195	(1.110)	155192	50.0000	50
	70 Benzo(g,h,i)perylene	276	14.513	14.513	(1.135)	156262	50.0000	50

Data File: z3493.d

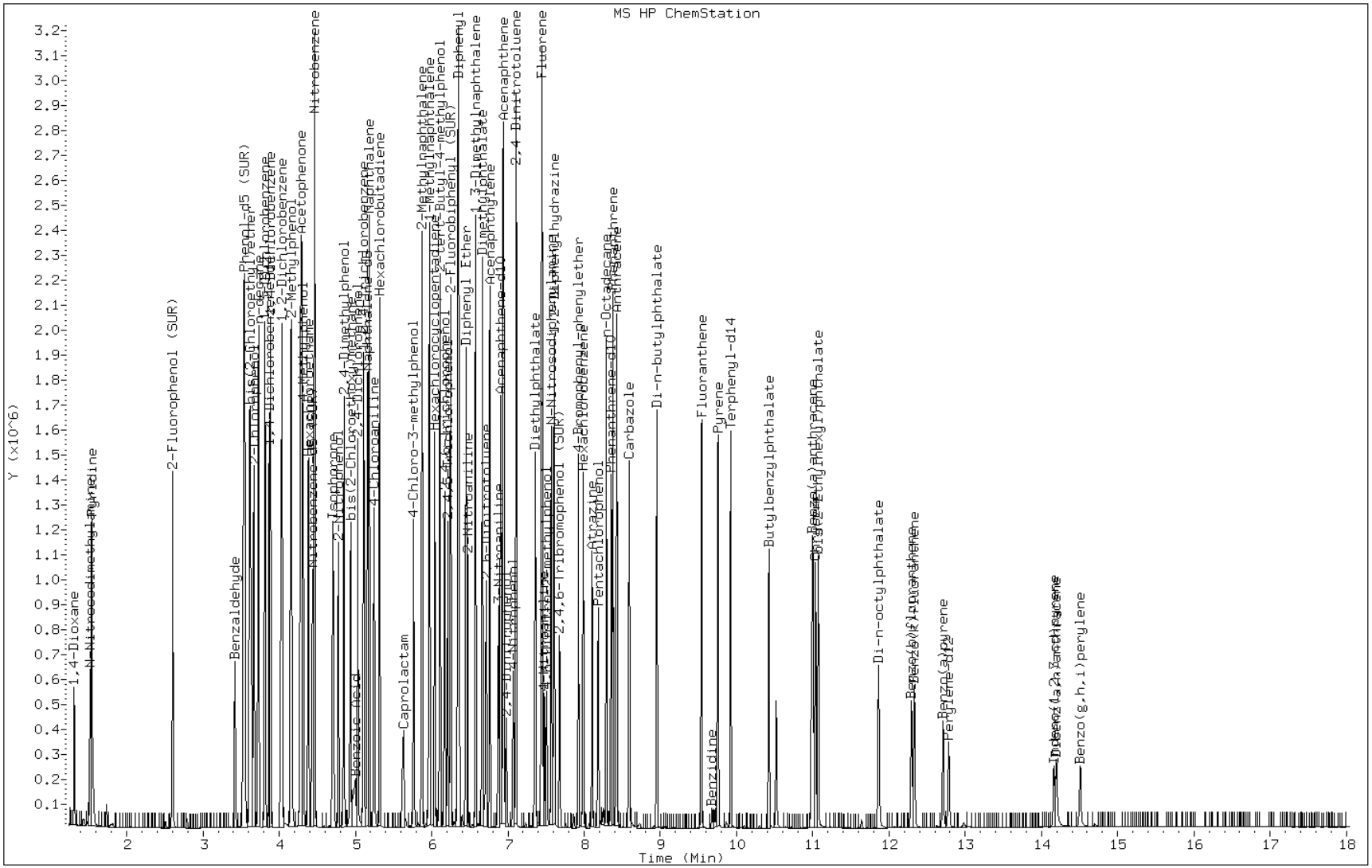
Date: 31-AUG-2009 01:11

Client ID:

Instrument: BNAMS11.i

Sample Info: ICIS-154120

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3494.d
Report Date: 31-Aug-2009 04:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3494.d
Lab Smp Id: IC-154124
Inj Date : 31-AUG-2009 02:04
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-154124
Misc Info : 120 ppm bna4392
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/8270C_08SP.m
Meth Date : 31-Aug-2009 04:48 asfawa Quant Type: ISTD
Cal Date : 31-AUG-2009 01:11 Cal File: z3493.d
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.349	1.349	(0.348)	381240	120.000	120(AH)
	19 N-Nitrosodimethylamine	74	1.596	1.596	(0.411)	543606	120.000	120
	71 Pyridine	79	1.619	1.619	(0.418)	929468	120.000	120
$	16 2-Fluorophenol (SUR)	112	2.643	2.643	(0.681)	813709	120.000	120
	110 Benzaldehyde	77	3.431	3.431	(0.885)	93832	120.000	31
$	17 Phenol-d5 (SUR)	99	3.560	3.560	(0.918)	866737	120.000	110
	1 Phenol	94	3.578	3.578	(0.923)	987543	120.000	110
	73 Aniline	93	3.554	3.554	(0.917)	1092477	120.000	110
	20 bis(2-Chloroethyl)ether	93	3.637	3.637	(0.938)	932668	120.000	120(A)
	2 2-Chlorophenol	128	3.684	3.684	(0.950)	875102	120.000	120
	113 n-decane	43	3.737	3.737	(0.964)	719113	120.000	110
	21 1,3-Dichlorobenzene	146	3.825	3.825	(0.986)	1055650	120.000	120
*	79 1,4-Dichlorobenzene-d4	152	3.878	3.878	(1.000)	220176	40.0000	
	22 1,4-Dichlorobenzene	146	3.896	3.896	(1.005)	1040714	120.000	120
	74 Benzyl Alcohol	108	4.043	4.043	(1.042)	498966	120.000	110

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3494.d
Report Date: 31-Aug-2009 04:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	4.048	4.048	(1.044)	930254	120.000	110
	3 2-Methylphenol	108	4.172	4.172	(1.076)	675363	120.000	110
	24 bis (2-chloroisopropyl) ether	45	4.166	4.166	(1.074)	797350	120.000	110
	104 Acetophenone	105	4.313	4.313	(1.112)	964346	120.000	110
	4 4-Methylphenol	108	4.343	4.343	(1.120)	679228	120.000	110
	124 3 & 4 methylphenol	108	4.343	4.343	(1.120)	679228	120.000	110
	25 N-Nitroso-di-n-propylamine	70	4.325	4.325	(1.115)	538673	120.000	110(M)
	26 Hexachloroethane	117	4.384	4.384	(1.130)	381969	120.000	110
$	76 Nitrobenzene-d5 (SUR)	82	4.454	4.454	(0.862)	838214	120.000	120
	27 Nitrobenzene	77	4.484	4.484	(0.868)	957387	120.000	100
	107 N,N-Dimethylaniline	120	4.484	4.484	(1.156)	1120840	120.000	110
	28 Isophorone	82	4.731	4.731	(0.916)	1427770	120.000	110
	5 2-Nitrophenol	139	4.790	4.790	(0.927)	451253	120.000	120
	6 2,4-Dimethylphenol	122	4.866	4.866	(0.942)	673486	120.000	120
	29 bis(2-Chloroethoxy)methane	93	4.948	4.948	(0.958)	858138	120.000	110
	15 Benzoic Acid	122	5.066	5.066	(0.981)	254146	120.000	120
	7 2,4-Dichlorophenol	162	5.048	5.048	(0.977)	639202	120.000	120(A)
	30 1,2,4-Trichlorobenzene	180	5.113	5.113	(0.990)	779235	120.000	120
*	80 Naphthalene-d8	136	5.166	5.166	(1.000)	741484	40.0000	
	31 Naphthalene	128	5.190	5.190	(1.005)	2200113	120.000	110
	32 4-Chloroaniline	127	5.254	5.254	(1.017)	824105	120.000	120
	33 Hexachlorobutadiene	225	5.325	5.325	(1.031)	482648	120.000	120(A)
	111 Caprolactam	113	5.695	5.695	(1.102)	172370	120.000	110
	8 4-Chloro-3-methylphenol	107	5.778	5.778	(1.118)	589417	120.000	110
	34 2-Methylnaphthalene	142	5.884	5.884	(1.139)	1362697	120.000	120
	120 1-Methylnaphthalene	142	5.978	5.978	(1.157)	1344225	120.000	120
	35 Hexachlorocyclopentadiene	237	6.048	6.048	(0.876)	500778	120.000	120(A)
	121 2-tert-Butyl-4-methylphenol	149	6.119	6.119	(1.184)	939290	120.000	120
	9 2,4,6-Trichlorophenol	196	6.178	6.178	(0.894)	444658	120.000	120(A)
	10 2,4,5-Trichlorophenol	196	6.225	6.225	(0.901)	421263	120.000	120(A)
$	77 2-Fluorobiphenyl (SUR)	172	6.260	6.260	(0.906)	1482737	120.000	120
	102 Diphenyl	154	6.354	6.354	(0.920)	1456849	120.000	110
	36 2-Chloronaphthalene	162	6.366	6.366	(0.922)	1225859	120.000	120
	103 Diphenyl Ether	170	6.460	6.460	(0.935)	935303	120.000	120
	37 2-Nitroaniline	65	6.484	6.484	(0.939)	346233	120.000	100
	123 1,3-Dimethylnaphthalene	156	6.590	6.590	(0.954)	1026210	120.000	120
	38 Dimethylphthalate	163	6.678	6.678	(0.967)	1291994	120.000	120
	114 Coumarin	146	6.684	6.684	(0.968)	422072	120.000	120(A)
	40 2,6-Dinitrotoluene	165	6.731	6.731	(0.974)	308297	120.000	120(A)
	39 Acenaphthylene	152	6.772	6.772	(0.980)	1894190	120.000	120
	41 3-Nitroaniline	138	6.895	6.895	(0.998)	291379	120.000	120(A)
*	82 Acenaphthene-d10	164	6.907	6.907	(1.000)	350233	40.0000	
	42 Acenaphthene	154	6.948	6.948	(1.006)	1047575	120.000	110
	122 2,6-Di-tert-butyl-p-cresol	205	6.960	6.960	(1.008)	1196274	120.000	120
	11 2,4-Dinitrophenol	184	6.995	6.995	(1.013)	150824	120.000	120(A)
	12 4-Nitrophenol	65	7.084	7.084	(1.026)	209307	120.000	120(A)
	44 2,4-Dinitrotoluene	165	7.125	7.125	(1.032)	378693	120.000	120

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3494.d
Report Date: 31-Aug-2009 04:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.119	7.119	(1.031)	1656730	120.000	120
	45 Diethylphthalate	149	7.372	7.372	(1.067)	1235227	120.000	120
	47 Fluorene	166	7.448	7.448	(1.078)	1222553	120.000	110
	46 4-Chlorophenyl-phenylether	204	7.460	7.460	(1.080)	651736	120.000	120
	48 4-Nitroaniline	138	7.501	7.501	(1.086)	244157	120.000	120(A)
	13 4,6-Dinitro-2-methylphenol	198	7.531	7.531	(0.901)	194326	120.000	120(A)
	49 N-Nitrosodiphenylamine	169	7.584	7.584	(0.907)	960343	120.000	130(A)
	75 1,2-Diphenylhydrazine	77	7.613	7.613	(0.911)	1454125	120.000	120
$	18 2,4,6-Tribromophenol (SUR)	330	7.689	7.689	(1.113)	179676	120.000	120(A)
	50 4-Bromophenyl-phenylether	248	7.936	7.936	(0.949)	381946	120.000	130(A)
	51 Hexachlorobenzene	284	7.995	7.995	(0.956)	392728	120.000	130(A)
	112 Atrazine	200	8.125	8.125	(0.972)	277214	120.000	120
	14 Pentachlorophenol	266	8.189	8.189	(0.980)	214304	120.000	120(A)
	115 n-Octadecane	57	8.295	8.295	(0.992)	641838	120.000	110
*	83 Phenanthrene-d10	188	8.360	8.360	(1.000)	456950	40.0000	
	52 Phenanthrene	178	8.389	8.389	(1.004)	1616712	120.000	120
	53 Anthracene	178	8.436	8.436	(1.009)	1597248	120.000	120
	54 Carbazole	167	8.601	8.601	(1.029)	1269902	120.000	120
	55 Di-n-butylphthalate	149	8.960	8.960	(1.072)	1657793	120.000	120
	56 Fluoranthene	202	9.548	9.548	(1.142)	1435993	120.000	120
	58 Benzidine	184	9.683	9.683	(1.158)	32145	120.000	68
	57 Pyrene	202	9.766	9.766	(0.887)	1389195	120.000	120(A)
$	78 Terphenyl-d14	244	9.930	9.930	(0.902)	921461	120.000	120(A)
	59 Butylbenzylphthalate	149	10.430	10.430	(0.947)	519262	120.000	120(A)
	60 3,3'-Dichlorobenzidine	252	10.983	10.983	(0.997)	178367	120.000	110
	61 Benzo(a)anthracene	228	11.001	11.001	(0.999)	833369	120.000	120
*	81 Chrysene-d12	240	11.013	11.013	(1.000)	250129	40.0000	
	62 Chrysene	228	11.042	11.042	(1.003)	733352	120.000	120
	63 bis(2-Ethylhexyl)phthalate	149	11.072	11.072	(1.005)	683811	120.000	120(A)
	64 Di-n-octylphthalate	149	11.866	11.866	(0.928)	876327	120.000	120(A)
	65 Benzo(b)fluoranthene	252	12.301	12.301	(0.962)	503092	120.000	120(A)
	66 Benzo(k)fluoranthene	252	12.342	12.342	(0.965)	559122	120.000	120(A)
	67 Benzo(a)pyrene	252	12.719	12.719	(0.995)	419825	120.000	120(A)
*	84 Perylene-d12	264	12.783	12.783	(1.000)	134471	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.171	14.171	(1.109)	307896	120.000	120(A)
	69 Dibenz(a,h)anthracene	278	14.207	14.207	(1.111)	316618	120.000	120(A)
	70 Benzo(g,h,i)perylene	276	14.524	14.524	(1.136)	317347	120.000	120(A)

QC Flag Legend

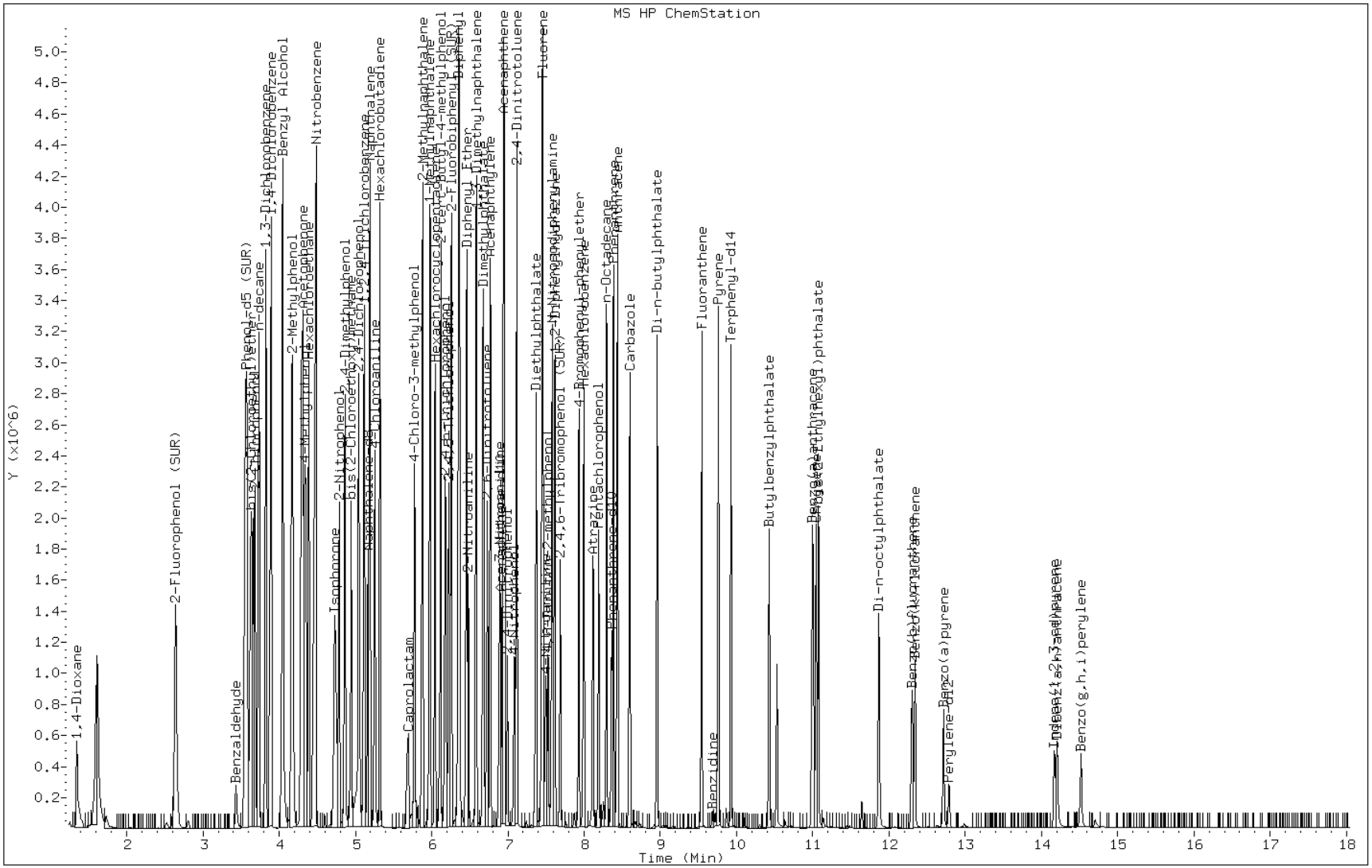
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z3494.d

Date: 31-AUG-2009 02:04

Client ID: Instrument: BNAMS11.i

Sample Info: IC-154124 Operator: BNAMS 4



Manual Integration Report

Data File: z3494.d
Inj. Date and Time: 31-AUG-2009 02:04
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 08/31/2009

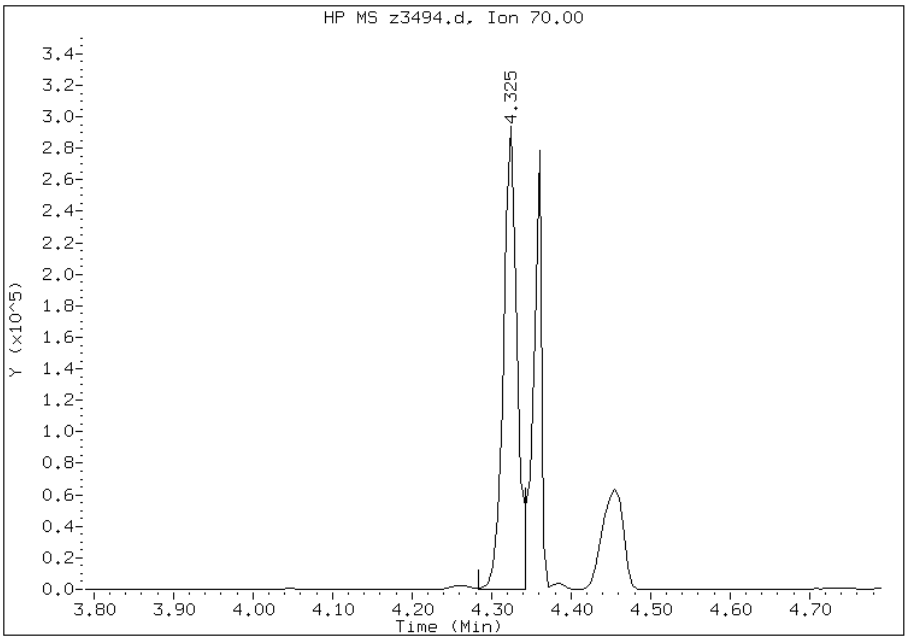
Processing Integration Results

RT: 4.32

Response: 360407

Amount: 110

Conc: 110



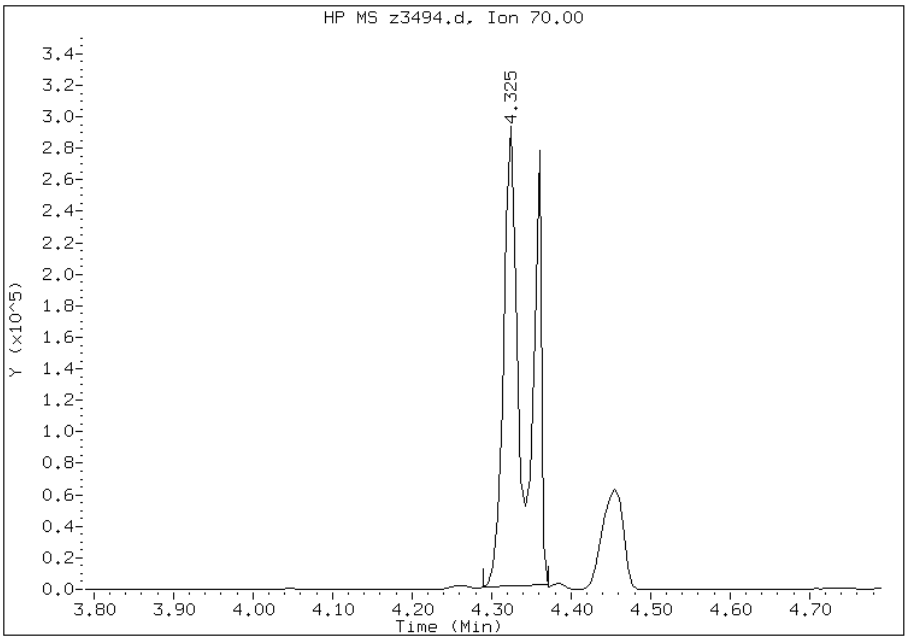
Manual Integration Results

RT: 4.32

Response: 538673

Amount: 113

Conc: 113



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3495.d
Report Date: 31-Aug-2009 04:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3495.d
Lab Smp Id: IC-154121
Inj Date : 31-AUG-2009 02:27
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-154121
Misc Info : 5 ppm bna4392
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/8270C_08SP.m
Meth Date : 31-Aug-2009 04:48 asfawa Quant Type: ISTD
Cal Date : 31-AUG-2009 01:11 Cal File: z3493.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.319	1.319	(0.341)	17385	5.00000	5.1
	19 N-Nitrosodimethylamine	74	1.519	1.519	(0.393)	25063	5.00000	5.1
	71 Pyridine	79	1.549	1.549	(0.401)	44865	5.00000	5.2
$	16 2-Fluorophenol (SUR)	112	2.607	2.607	(0.674)	40726	5.00000	5.3
	110 Benzaldehyde	77	3.419	3.419	(0.884)	21034	5.00000	5.6
$	17 Phenol-d5 (SUR)	99	3.513	3.513	(0.909)	49834	5.00000	5.6
	1 Phenol	94	3.525	3.525	(0.912)	58045	5.00000	5.7
	73 Aniline	93	3.531	3.531	(0.913)	63703	5.00000	5.6
	20 bis(2-Chloroethyl)ether	93	3.601	3.601	(0.932)	4859	0.50000	0.56
	2 2-Chlorophenol	128	3.654	3.654	(0.945)	43762	5.00000	5.3
	113 n-decane	43	3.725	3.725	(0.963)	41730	5.00000	5.7
	21 1,3-Dichlorobenzene	146	3.807	3.807	(0.985)	49110	5.00000	5.1
*	79 1,4-Dichlorobenzene-d4	152	3.866	3.866	(1.000)	234676	40.0000	
	22 1,4-Dichlorobenzene	146	3.884	3.884	(1.005)	49012	5.00000	5.1
	74 Benzyl Alcohol	108	4.013	4.013	(1.038)	24756	5.00000	5.0

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3495.d
Report Date: 31-Aug-2009 04:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	4.037	4.037	(1.044)	46581	5.00000	5.2
	3 2-Methylphenol	108	4.143	4.143	(1.071)	37245	5.00000	5.5
	24 bis (2-chloroisopropyl) ether	45	4.154	4.154	(1.075)	50216	5.00000	5.8
	104 Acetophenone	105	4.278	4.278	(1.106)	57168	5.00000	5.7
	4 4-Methylphenol	108	4.301	4.301	(1.113)	37050	5.00000	5.5
	124 3 & 4 methylphenol	108	4.301	4.301	(1.113)	37594	5.00000	5.6(a)
	25 N-Nitroso-di-n-propylamine	70	4.284	4.284	(1.108)	3070	0.50000	0.57
	26 Hexachloroethane	117	4.378	4.378	(1.132)	1928	0.50000	0.52
$	76 Nitrobenzene-d5 (SUR)	82	4.425	4.425	(0.858)	42720	5.00000	5.2
	27 Nitrobenzene	77	4.448	4.448	(0.863)	6559	0.50000	0.59(H)
	107 N,N-Dimethylaniline	120	4.454	4.454	(1.152)	7430	0.50000	0.60
	28 Isophorone	82	4.690	4.690	(0.910)	75508	5.00000	5.3
	5 2-Nitrophenol	139	4.772	4.772	(0.926)	20735	5.00000	4.9(a)
	6 2,4-Dimethylphenol	122	4.837	4.837	(0.938)	35175	5.00000	5.3
	29 bis(2-Chloroethoxy)methane	93	4.925	4.925	(0.955)	46159	5.00000	5.3
	15 Benzoic Acid	122	4.919	4.919	(0.954)	10574	5.00000	4.4(aH)
	7 2,4-Dichlorophenol	162	5.025	5.025	(0.975)	30036	5.00000	5.0
	30 1,2,4-Trichlorobenzene	180	5.101	5.101	(0.990)	3601	0.50000	0.50
*	80 Naphthalene-d8	136	5.154	5.154	(1.000)	829128	40.0000	
	31 Naphthalene	128	5.172	5.172	(1.003)	120443	5.00000	5.3
	32 4-Chloroaniline	127	5.237	5.237	(1.016)	42597	5.00000	5.2
	33 Hexachlorobutadiene	225	5.319	5.319	(1.032)	4234	1.00000	0.96(a)
	111 Caprolactam	113	5.560	5.560	(1.079)	8313	5.00000	5.0(H)
	8 4-Chloro-3-methylphenol	107	5.748	5.748	(1.115)	30828	5.00000	5.2
	34 2-Methylnaphthalene	142	5.872	5.872	(1.139)	73423	5.00000	5.4
	120 1-Methylnaphthalene	142	5.966	5.966	(1.157)	70052	5.00000	5.3
	35 Hexachlorocyclopentadiene	237	6.042	6.042	(0.876)	16612	5.00000	3.3(a)
	121 2-tert-Butyl-4-methylphenol	149	6.101	6.101	(1.184)	48025	5.00000	5.2
	9 2,4,6-Trichlorophenol	196	6.160	6.160	(0.893)	20048	5.00000	4.8(a)
	10 2,4,5-Trichlorophenol	196	6.201	6.201	(0.899)	20624	5.00000	5.0
$	77 2-Fluorobiphenyl (SUR)	172	6.242	6.242	(0.905)	73433	5.00000	4.9(a)
	102 Diphenyl	154	6.337	6.337	(0.918)	84668	5.00000	5.2
	36 2-Chloronaphthalene	162	6.348	6.348	(0.920)	65135	5.00000	5.1
	103 Diphenyl Ether	170	6.448	6.448	(0.934)	45939	5.00000	4.9(a)
	37 2-Nitroaniline	65	6.460	6.460	(0.936)	42697	10.0000	10
	123 1,3-Dimethylnaphthalene	156	6.572	6.572	(0.952)	52659	5.00000	5.0
	38 Dimethylphthalate	163	6.654	6.654	(0.964)	65642	5.00000	5.0
	114 Coumarin	146	6.654	6.654	(0.964)	20057	5.00000	4.9(a)
	40 2,6-Dinitrotoluene	165	6.701	6.701	(0.971)	2661	1.00000	0.91(a)
	39 Acenaphthylene	152	6.754	6.754	(0.979)	101356	5.00000	5.1
	41 3-Nitroaniline	138	6.866	6.866	(0.995)	29461	10.0000	10
*	82 Acenaphthene-d10	164	6.901	6.901	(1.000)	420253	40.0000	
	42 Acenaphthene	154	6.931	6.931	(1.004)	59616	5.00000	5.2
	122 2,6-Di-tert-butyl-p-cresol	205	6.942	6.942	(1.006)	58059	5.00000	4.8(a)
	11 2,4-Dinitrophenol	184	6.972	6.972	(1.010)	11788	15.0000	9.7(a)
	12 4-Nitrophenol	65	7.060	7.060	(1.023)	27280	15.0000	14(a)
	44 2,4-Dinitrotoluene	165	7.101	7.101	(1.029)	3449	1.00000	0.93(a)

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3495.d
Report Date: 31-Aug-2009 04:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.101	7.101	(1.029)	84383	5.00000	5.0
	45 Diethylphthalate	149	7.348	7.348	(1.065)	61465	5.00000	4.9(a)
	47 Fluorene	166	7.436	7.436	(1.078)	67244	5.00000	5.1
	46 4-Chlorophenyl-phenylether	204	7.442	7.442	(1.078)	32743	5.00000	4.9(a)
	48 4-Nitroaniline	138	7.460	7.460	(1.081)	25323	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.495	7.495	(0.898)	21153	15.0000	12(a)
	49 N-Nitrosodiphenylamine	169	7.560	7.560	(0.906)	41765	5.00000	4.7(a)
	75 1,2-Diphenylhydrazine	77	7.595	7.595	(0.910)	81230	5.00000	5.2
$	18 2,4,6-Tribromophenol (SUR)	330	7.672	7.672	(1.112)	7580	5.00000	4.6(a)
	50 4-Bromophenyl-phenylether	248	7.919	7.919	(0.949)	16395	5.00000	4.6(a)
	51 Hexachlorobenzene	284	7.978	7.978	(0.956)	1664	0.50000	0.45(a)
	112 Atrazine	200	8.095	8.095	(0.970)	14607	5.00000	4.9(a)
	14 Pentachlorophenol	266	8.178	8.178	(0.980)	21775	15.0000	12(a)
	115 n-Octadecane	57	8.283	8.283	(0.992)	39661	5.00000	5.3
*	83 Phenanthrene-d10	188	8.348	8.348	(1.000)	568151	40.0000	
	52 Phenanthrene	178	8.372	8.372	(1.003)	81348	5.00000	4.9(a)
	53 Anthracene	178	8.419	8.419	(1.008)	80758	5.00000	4.9(a)
	54 Carbazole	167	8.583	8.583	(1.028)	66139	5.00000	5.0
	55 Di-n-butylphthalate	149	8.948	8.948	(1.072)	82733	5.00000	4.8(a)
	56 Fluoranthene	202	9.530	9.530	(1.142)	72269	5.00000	4.9(a)
	58 Benzidine	184	9.677	9.677	(1.159)	6245	5.00000	6.8
	57 Pyrene	202	9.748	9.748	(0.886)	71858	5.00000	4.6(a)
$	78 Terphenyl-d14	244	9.919	9.919	(0.902)	45368	5.00000	4.5(a)
	59 Butylbenzylphthalate	149	10.419	10.419	(0.947)	27002	5.00000	4.6(a)
	60 3,3'-Dichlorobenzidine	252	10.972	10.972	(0.997)	27408	10.0000	11
	61 Benzo(a)anthracene	228	10.989	10.989	(0.999)	6216	0.50000	0.57
*	81 Chrysene-d12	240	11.001	11.001	(1.000)	361412	40.0000	
	62 Chrysene	228	11.024	11.024	(1.002)	45430	5.00000	5.0
	63 bis(2-Ethylhexyl)phthalate	149	11.066	11.066	(1.006)	35856	5.00000	4.6(a)
	64 Di-n-octylphthalate	149	11.860	11.860	(0.928)	42573	5.00000	4.0(a)
	65 Benzo(b)fluoranthene	252	12.289	12.289	(0.961)	2908	0.50000	0.45(a)
	66 Benzo(k)fluoranthene	252	12.319	12.319	(0.964)	3273	0.50000	0.46(a)
	67 Benzo(a)pyrene	252	12.701	12.701	(0.994)	2280	0.50000	0.43(a)
*	84 Perylene-d12	264	12.783	12.783	(1.000)	217703	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.154	14.154	(1.107)	1234	0.50000	0.30(aH)
	69 Dibenz(a,h)anthracene	278	14.189	14.189	(1.110)	1357	0.50000	0.32(a)
	70 Benzo(g,h,i)perylene	276	14.501	14.501	(1.134)	17986	5.00000	4.5(a)

QC Flag Legend

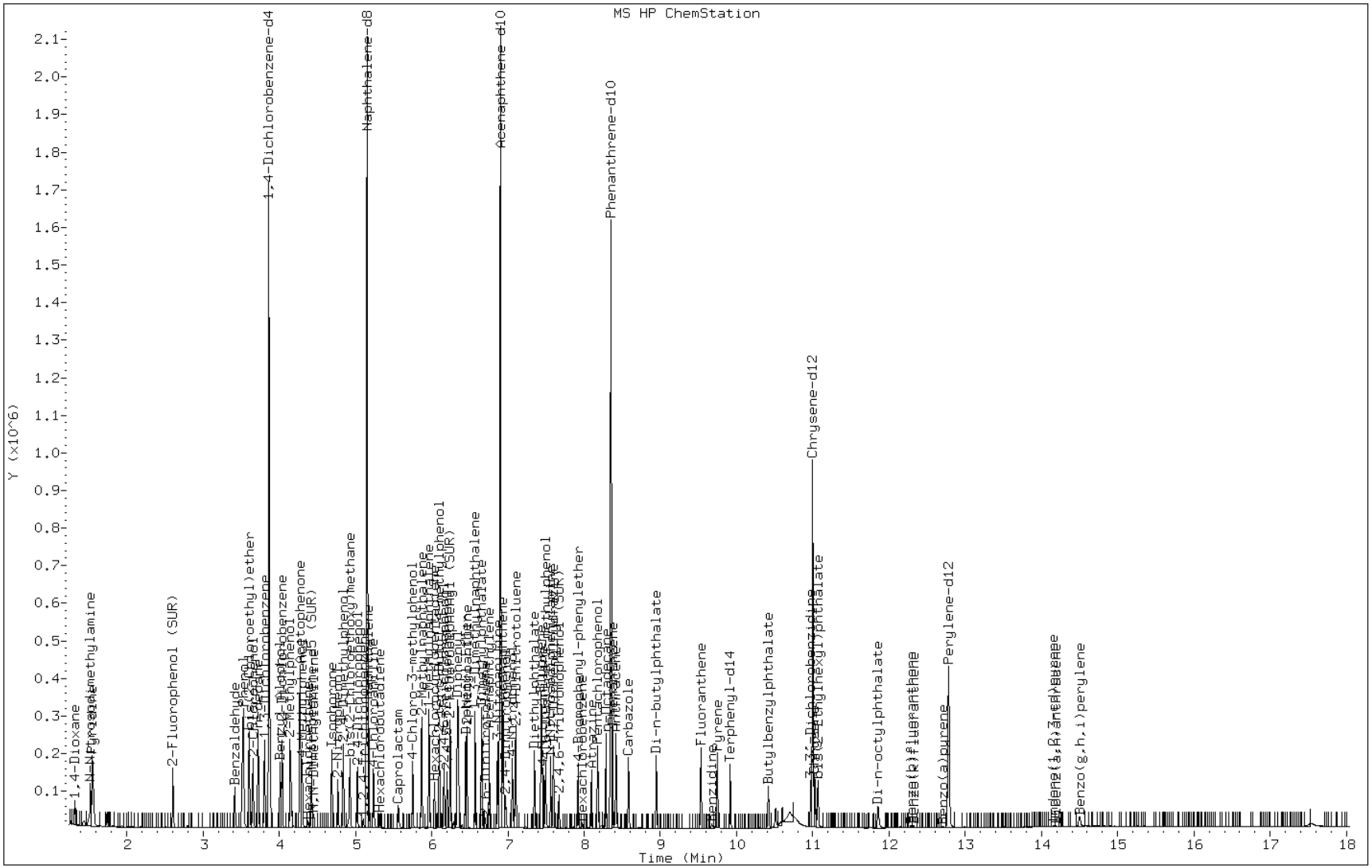
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z3495.d

Date: 31-AUG-2009 02:27

Client ID: Instrument: BNAMS11.i

Sample Info: IC-154121 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3496.d
Report Date: 31-Aug-2009 04:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3496.d
Lab Smp Id: IC-154123
Inj Date : 31-AUG-2009 02:52
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-154123
Misc Info : 80 ppm bna4392
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/8270C_08SP.m
Meth Date : 31-Aug-2009 04:49 asfawa Quant Type: ISTD
Cal Date : 31-AUG-2009 01:11 Cal File: z3493.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.313	1.313	(0.339)	240509	80.0000	78
	19 N-Nitrosodimethylamine	74	1.537	1.537	(0.397)	348573	80.0000	78
	71 Pyridine	79	1.560	1.560	(0.403)	591816	80.0000	76
$	16 2-Fluorophenol (SUR)	112	2.619	2.619	(0.676)	525851	80.0000	76
	110 Benzaldehyde	77	3.425	3.425	(0.885)	176788	80.0000	59
$	17 Phenol-d5 (SUR)	99	3.549	3.549	(0.916)	591597	80.0000	74
	1 Phenol	94	3.566	3.566	(0.921)	667891	80.0000	74
	73 Aniline	93	3.549	3.549	(0.916)	775879	80.0000	75
	20 bis(2-Chloroethyl)ether	93	3.625	3.625	(0.936)	563997	80.0000	72
	2 2-Chlorophenol	128	3.678	3.678	(0.950)	575559	80.0000	76
	113 n-decane	43	3.737	3.737	(0.965)	477656	80.0000	73
	21 1,3-Dichlorobenzene	146	3.819	3.819	(0.986)	706732	80.0000	80
*	79 1,4-Dichlorobenzene-d4	152	3.872	3.872	(1.000)	215454	40.0000	
	22 1,4-Dichlorobenzene	146	3.896	3.896	(1.006)	702399	80.0000	79
	74 Benzyl Alcohol	108	4.037	4.037	(1.043)	340029	80.0000	77

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3496.d
Report Date: 31-Aug-2009 04:49

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
23	1,2-Dichlorobenzene	146	4.043	4.043	(1.044)	644374	80.0000	79
3	2-Methylphenol	108	4.166	4.166	(1.076)	453119	80.0000	75
24	bis (2-chloroisopropyl) ether	45	4.166	4.166	(1.076)	545795	80.0000	71
104	Acetophenone	105	4.301	4.301	(1.111)	651119	80.0000	73
4	4-Methylphenol	108	4.331	4.331	(1.118)	453543	80.0000	75(H)
124	3 & 4 methylphenol	108	4.331	4.331	(1.118)	452163	80.0000	74(H)
25	N-Nitroso-di-n-propylamine	70	4.313	4.313	(1.114)	313705	80.0000	66
26	Hexachloroethane	117	4.384	4.384	(1.132)	264324	80.0000	78
$ 76	Nitrobenzene-d5 (SUR)	82	4.449	4.449	(0.862)	568315	80.0000	78
27	Nitrobenzene	77	4.472	4.472	(0.867)	701361	80.0000	74
107	N,N-Dimethylaniline	120	4.472	4.472	(1.155)	796168	80.0000	72
28	Isophorone	82	4.719	4.719	(0.914)	966755	80.0000	78
5	2-Nitrophenol	139	4.784	4.784	(0.927)	298005	80.0000	80
6	2,4-Dimethylphenol	122	4.860	4.860	(0.942)	448994	80.0000	78
29	bis(2-Chloroethoxy)methane	93	4.943	4.943	(0.958)	581395	80.0000	77
15	Benzoic Acid	122	5.031	5.031	(0.975)	167083	80.0000	80(H)
7	2,4-Dichlorophenol	162	5.037	5.037	(0.976)	417483	80.0000	80
30	1,2,4-Trichlorobenzene	180	5.113	5.113	(0.991)	514124	80.0000	80
* 80	Naphthalene-d8	136	5.160	5.160	(1.000)	729655	40.0000	
31	Naphthalene	128	5.184	5.184	(1.005)	1532257	80.0000	78
32	4-Chloroaniline	127	5.248	5.248	(1.017)	558961	80.0000	78
33	Hexachlorobutadiene	225	5.325	5.325	(1.032)	324854	80.0000	83
111	Caprolactam	113	5.660	5.660	(1.097)	113472	80.0000	78(H)
8	4-Chloro-3-methylphenol	107	5.772	5.772	(1.119)	387774	80.0000	76
34	2-Methylnaphthalene	142	5.878	5.878	(1.139)	927753	80.0000	78
120	1-Methylnaphthalene	142	5.978	5.978	(1.158)	884652	80.0000	77
35	Hexachlorocyclopentadiene	237	6.043	6.043	(0.875)	324865	80.0000	79
121	2-tert-Butyl-4-methylphenol	149	6.113	6.113	(1.185)	618987	80.0000	78
9	2,4,6-Trichlorophenol	196	6.172	6.172	(0.894)	280539	80.0000	80
10	2,4,5-Trichlorophenol	196	6.219	6.219	(0.900)	273208	80.0000	79
$ 77	2-Fluorobiphenyl (SUR)	172	6.254	6.254	(0.905)	979808	80.0000	79
102	Diphenyl	154	6.348	6.348	(0.919)	1055477	80.0000	79
36	2-Chloronaphthalene	162	6.360	6.360	(0.921)	850646	80.0000	80
103	Diphenyl Ether	170	6.454	6.454	(0.934)	621684	80.0000	80
37	2-Nitroaniline	65	6.478	6.478	(0.938)	243528	80.0000	73(H)
123	1,3-Dimethylnaphthalene	156	6.584	6.584	(0.953)	694042	80.0000	80
38	Dimethylphthalate	163	6.672	6.672	(0.966)	865484	80.0000	79
114	Coumarin	146	6.678	6.678	(0.967)	270252	80.0000	79
40	2,6-Dinitrotoluene	165	6.725	6.725	(0.974)	202200	80.0000	82
39	Acenaphthylene	152	6.766	6.766	(0.980)	1303623	80.0000	79
41	3-Nitroaniline	138	6.884	6.884	(0.997)	189199	80.0000	78
* 82	Acenaphthene-d10	164	6.907	6.907	(1.000)	350749	40.0000	
42	Acenaphthene	154	6.942	6.942	(1.005)	753026	80.0000	79
122	2,6-Di-tert-butyl-p-cresol	205	6.954	6.954	(1.007)	812096	80.0000	81
11	2,4-Dinitrophenol	184	6.984	6.984	(1.011)	94134	80.0000	81
12	4-Nitrophenol	65	7.078	7.078	(1.025)	133370	80.0000	80
44	2,4-Dinitrotoluene	165	7.113	7.113	(1.030)	251458	80.0000	81

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3496.d
Report Date: 31-Aug-2009 04:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.113	7.113	(1.030)	1114316	80.0000	79
	45 Diethylphthalate	149	7.366	7.366	(1.066)	825374	80.0000	80
	47 Fluorene	166	7.448	7.448	(1.078)	878006	80.0000	80
	46 4-Chlorophenyl-phenylether	204	7.454	7.454	(1.079)	457870	80.0000	82
	48 4-Nitroaniline	138	7.490	7.490	(1.084)	150277	80.0000	76(H)
	13 4,6-Dinitro-2-methylphenol	198	7.519	7.519	(0.900)	123349	80.0000	84
	49 N-Nitrosodiphenylamine	169	7.578	7.578	(0.907)	535002	80.0000	75
	75 1,2-Diphenylhydrazine	77	7.607	7.607	(0.911)	945331	80.0000	75
$	18 2,4,6-Tribromophenol (SUR)	330	7.684	7.684	(1.112)	115040	80.0000	82
	50 4-Bromophenyl-phenylether	248	7.931	7.931	(0.949)	240436	80.0000	81
	51 Hexachlorobenzene	284	7.989	7.989	(0.956)	244842	80.0000	81
	112 Atrazine	200	8.113	8.113	(0.971)	190466	80.0000	79
	14 Pentachlorophenol	266	8.184	8.184	(0.980)	129253	80.0000	79
	115 n-Octadecane	57	8.289	8.289	(0.992)	448894	80.0000	75
*	83 Phenanthrene-d10	188	8.354	8.354	(1.000)	466938	40.0000	
	52 Phenanthrene	178	8.384	8.384	(1.004)	1076084	80.0000	79
	53 Anthracene	178	8.431	8.431	(1.009)	1086661	80.0000	80
	54 Carbazole	167	8.595	8.595	(1.029)	856456	80.0000	79
	55 Di-n-butylphthalate	149	8.954	8.954	(1.072)	1125874	80.0000	80
	56 Fluoranthene	202	9.536	9.536	(1.142)	969989	80.0000	80
	58 Benzidine	184	9.678	9.678	(1.158)	23309	80.0000	39
	57 Pyrene	202	9.760	9.760	(0.887)	934490	80.0000	83
$	78 Terphenyl-d14	244	9.925	9.925	(0.902)	600073	80.0000	83
	59 Butylbenzylphthalate	149	10.425	10.425	(0.947)	343028	80.0000	82
	60 3,3'-Dichlorobenzidine	252	10.978	10.978	(0.997)	133787	80.0000	78
	61 Benzo(a)anthracene	228	10.995	10.995	(0.999)	559452	80.0000	75
*	81 Chrysene-d12	240	11.007	11.007	(1.000)	254562	40.0000	
	62 Chrysene	228	11.036	11.036	(1.003)	517491	80.0000	81
	63 bis(2-Ethylhexyl)phthalate	149	11.072	11.072	(1.006)	447168	80.0000	81
	64 Di-n-octylphthalate	149	11.860	11.860	(0.928)	578857	80.0000	81
	65 Benzo(b)fluoranthene	252	12.295	12.295	(0.962)	353303	80.0000	82
	66 Benzo(k)fluoranthene	252	12.330	12.330	(0.965)	392620	80.0000	82
	67 Benzo(a)pyrene	252	12.713	12.713	(0.994)	296730	80.0000	83
*	84 Perylene-d12	264	12.783	12.783	(1.000)	144975	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.166	14.166	(1.108)	221749	80.0000	80
	69 Dibenz(a,h)anthracene	278	14.201	14.201	(1.111)	229842	80.0000	81
	70 Benzo(g,h,i)perylene	276	14.513	14.513	(1.135)	232033	80.0000	85

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z3496.d

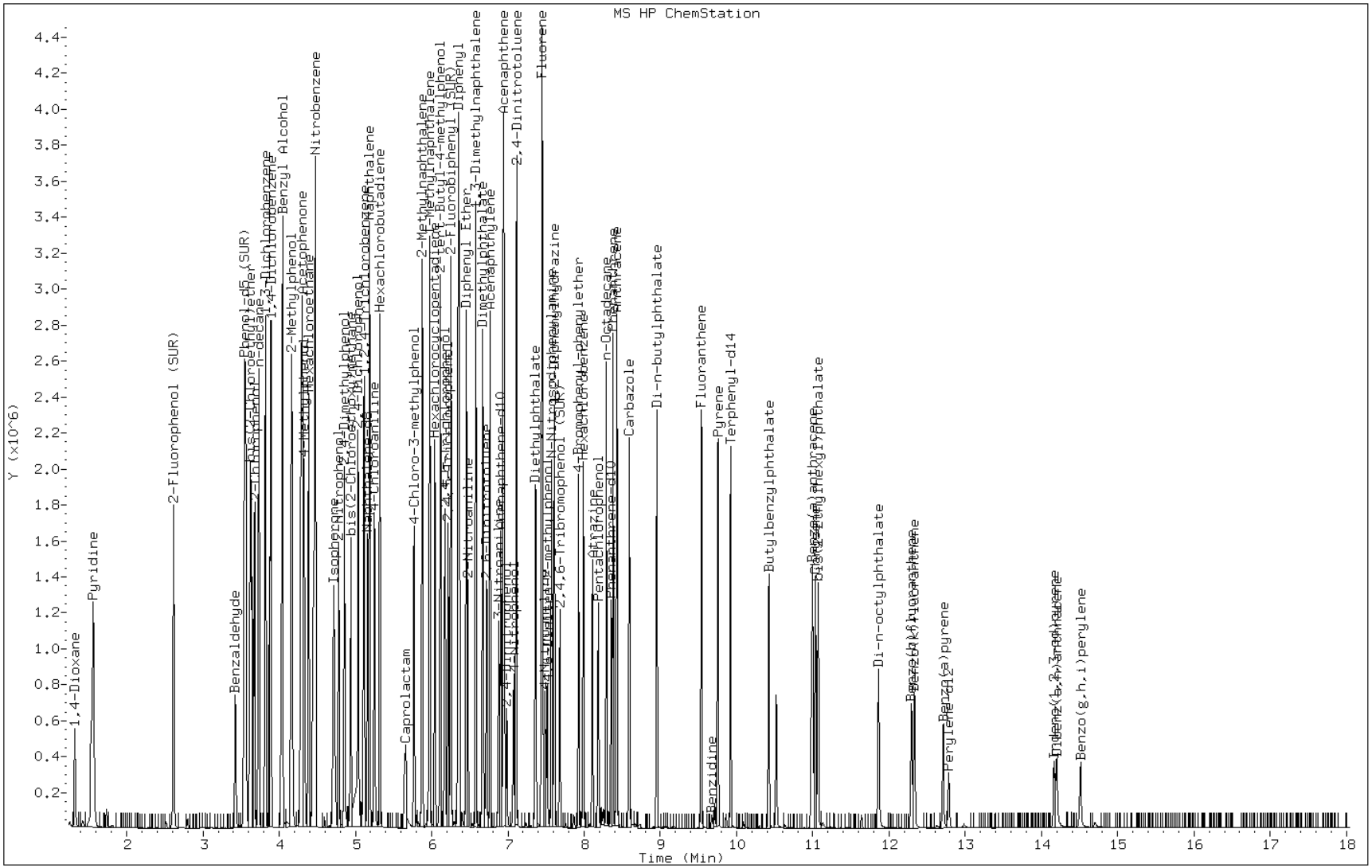
Date: 31-AUG-2009 02:52

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-154123

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3497.d
Report Date: 31-Aug-2009 04:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3497.d
Lab Smp Id: IC-154122
Inj Date : 31-AUG-2009 03:16
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-154122
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/8270C_08SP.m
Meth Date : 31-Aug-2009 04:49 asfawa Quant Type: ISTD
Cal Date : 31-AUG-2009 01:11 Cal File: z3493.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.307	1.307	(0.338)	62231	20.0000	20
	19 N-Nitrosodimethylamine	74	1.513	1.513	(0.391)	90554	20.0000	20
	71 Pyridine	79	1.543	1.543	(0.399)	160162	20.0000	20
$	16 2-Fluorophenol (SUR)	112	2.601	2.601	(0.673)	145971	20.0000	21
	110 Benzaldehyde	77	3.419	3.419	(0.884)	82078	20.0000	25
$	17 Phenol-d5 (SUR)	99	3.519	3.519	(0.910)	171183	20.0000	21
	1 Phenol	94	3.537	3.537	(0.915)	194769	20.0000	21
	73 Aniline	93	3.537	3.537	(0.915)	225201	20.0000	21
	20 bis(2-Chloroethyl)ether	93	3.607	3.607	(0.933)	150394	20.0000	19
	2 2-Chlorophenol	128	3.660	3.660	(0.947)	158466	20.0000	21
	113 n-decane	43	3.725	3.725	(0.963)	146205	20.0000	22
	21 1,3-Dichlorobenzene	146	3.807	3.807	(0.985)	178287	20.0000	20
*	79 1,4-Dichlorobenzene-d4	152	3.866	3.866	(1.000)	215634	40.0000	
	22 1,4-Dichlorobenzene	146	3.884	3.884	(1.005)	180379	20.0000	20
	74 Benzyl Alcohol	108	4.019	4.019	(1.040)	92804	20.0000	21

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3497.d
Report Date: 31-Aug-2009 04:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
23	1,2-Dichlorobenzene	146	4.037	4.037	(1.044)	166874	20.0000	20
3	2-Methylphenol	108	4.148	4.148	(1.073)	128068	20.0000	21
24	bis (2-chloroisopropyl) ether	45	4.160	4.160	(1.076)	168538	20.0000	22
104	Acetophenone	105	4.284	4.284	(1.108)	189439	20.0000	21
4	4-Methylphenol	108	4.307	4.307	(1.114)	124299	20.0000	20
124	3 & 4 methylphenol	108	4.307	4.307	(1.114)	124299	20.0000	20
25	N-Nitroso-di-n-propylamine	70	4.290	4.290	(1.110)	103288	20.0000	21
26	Hexachloroethane	117	4.378	4.378	(1.132)	69887	20.0000	20
$ 76	Nitrobenzene-d5 (SUR)	82	4.431	4.431	(0.860)	159645	20.0000	21
27	Nitrobenzene	77	4.448	4.448	(0.863)	217268	20.0000	22
107	N,N-Dimethylaniline	120	4.460	4.460	(1.154)	233134	20.0000	21
28	Isophorone	82	4.695	4.695	(0.911)	263018	20.0000	20
5	2-Nitrophenol	139	4.772	4.772	(0.926)	75595	20.0000	20
6	2,4-Dimethylphenol	122	4.842	4.842	(0.940)	123899	20.0000	21
29	bis(2-Chloroethoxy)methane	93	4.931	4.931	(0.957)	160666	20.0000	21
15	Benzoic Acid	122	4.960	4.960	(0.962)	58592	20.0000	27
7	2,4-Dichlorophenol	162	5.025	5.025	(0.975)	108863	20.0000	20
30	1,2,4-Trichlorobenzene	180	5.101	5.101	(0.990)	129493	20.0000	20
* 80	Naphthalene-d8	136	5.154	5.154	(1.000)	745676	40.0000	
31	Naphthalene	128	5.178	5.178	(1.005)	419763	20.0000	21
32	4-Chloroaniline	127	5.242	5.242	(1.017)	157403	20.0000	21
33	Hexachlorobutadiene	225	5.319	5.319	(1.032)	76650	20.0000	19
111	Caprolactam	113	5.589	5.589	(1.084)	32757	20.0000	22
8	4-Chloro-3-methylphenol	107	5.754	5.754	(1.116)	108653	20.0000	21
34	2-Methylnaphthalene	142	5.872	5.872	(1.139)	248843	20.0000	20
120	1-Methylnaphthalene	142	5.972	5.972	(1.159)	246861	20.0000	21
35	Hexachlorocyclopentadiene	237	6.042	6.042	(0.876)	69106	20.0000	16
121	2-tert-Butyl-4-methylphenol	149	6.101	6.101	(1.184)	170700	20.0000	21
9	2,4,6-Trichlorophenol	196	6.166	6.166	(0.893)	70548	20.0000	19
10	2,4,5-Trichlorophenol	196	6.201	6.201	(0.899)	73104	20.0000	20
$ 77	2-Fluorobiphenyl (SUR)	172	6.248	6.248	(0.905)	268300	20.0000	21
102	Diphenyl	154	6.342	6.342	(0.919)	293306	20.0000	21
36	2-Chloronaphthalene	162	6.354	6.354	(0.921)	229283	20.0000	20
103	Diphenyl Ether	170	6.448	6.448	(0.934)	158953	20.0000	20
37	2-Nitroaniline	65	6.466	6.466	(0.937)	80642	20.0000	22
123	1,3-Dimethylnaphthalene	156	6.572	6.572	(0.952)	186336	20.0000	20
38	Dimethylphthalate	163	6.654	6.654	(0.964)	225937	20.0000	20
114	Coumarin	146	6.660	6.660	(0.965)	73736	20.0000	20
40	2,6-Dinitrotoluene	165	6.707	6.707	(0.972)	51163	20.0000	20
39	Acenaphthylene	152	6.760	6.760	(0.980)	357347	20.0000	21
41	3-Nitroaniline	138	6.872	6.872	(0.996)	51649	20.0000	20
* 82	Acenaphthene-d10	164	6.901	6.901	(1.000)	365926	40.0000	
42	Acenaphthene	154	6.931	6.931	(1.004)	206549	20.0000	21
122	2,6-Di-tert-butyl-p-cresol	205	6.948	6.948	(1.007)	212109	20.0000	20
11	2,4-Dinitrophenol	184	6.972	6.972	(1.010)	29722	30.0000	27
12	4-Nitrophenol	65	7.060	7.060	(1.023)	51318	30.0000	30
44	2,4-Dinitrotoluene	165	7.101	7.101	(1.029)	64993	20.0000	20

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3497.d
Report Date: 31-Aug-2009 04:49

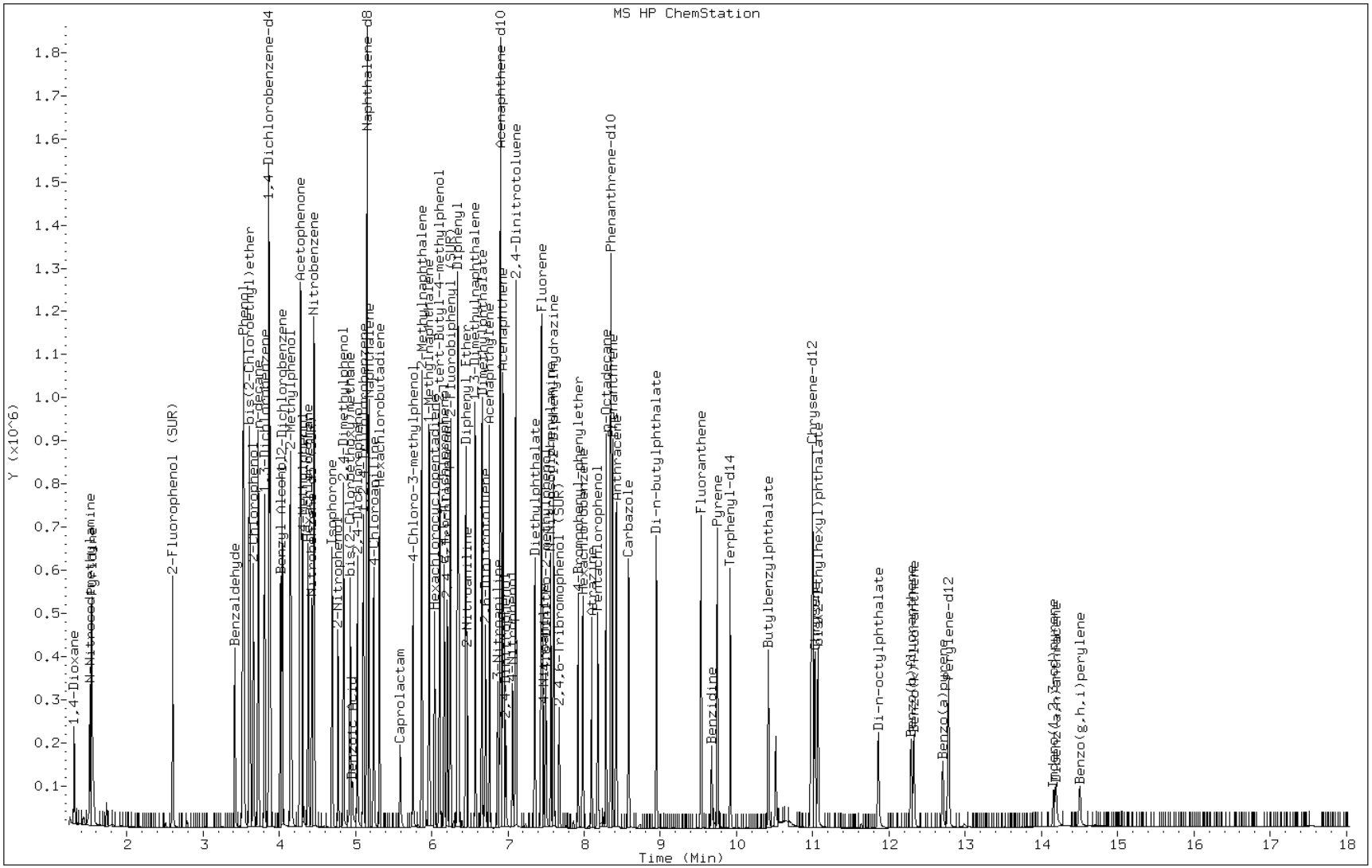
		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.101	7.101	(1.029)	297809	20.0000	20
	45 Diethylphthalate	149	7.354	7.354	(1.066)	216236	20.0000	20
	47 Fluorene	166	7.436	7.436	(1.078)	237715	20.0000	20
	46 4-Chlorophenyl-phenylether	204	7.448	7.448	(1.079)	114521	20.0000	20
	48 4-Nitroaniline	138	7.466	7.466	(1.082)	46296	20.0000	22
	13 4,6-Dinitro-2-methylphenol	198	7.501	7.501	(0.899)	44179	30.0000	29
	49 N-Nitrosodiphenylamine	169	7.566	7.566	(0.906)	142481	20.0000	19
	75 1,2-Diphenylhydrazine	77	7.601	7.601	(0.910)	273564	20.0000	20
$	18 2,4,6-Tribromophenol (SUR)	330	7.678	7.678	(1.113)	26659	20.0000	18
	50 4-Bromophenyl-phenylether	248	7.925	7.925	(0.949)	57022	20.0000	19
	51 Hexachlorobenzene	284	7.983	7.983	(0.956)	59374	20.0000	19
	112 Atrazine	200	8.101	8.101	(0.970)	51830	20.0000	20
	14 Pentachlorophenol	266	8.178	8.178	(0.980)	44272	30.0000	29
	115 n-Octadecane	57	8.289	8.289	(0.993)	140512	20.0000	22
*	83 Phenanthrene-d10	188	8.348	8.348	(1.000)	489163	40.0000	
	52 Phenanthrene	178	8.372	8.372	(1.003)	283308	20.0000	20
	53 Anthracene	178	8.425	8.425	(1.009)	283099	20.0000	20
	54 Carbazole	167	8.583	8.583	(1.028)	233668	20.0000	20
	55 Di-n-butylphthalate	149	8.948	8.948	(1.072)	297052	20.0000	20
	56 Fluoranthene	202	9.530	9.530	(1.142)	257064	20.0000	20
	58 Benzidine	184	9.672	9.672	(1.159)	71626	30.0000	67
	57 Pyrene	202	9.748	9.748	(0.886)	252847	20.0000	20
$	78 Terphenyl-d14	244	9.919	9.919	(0.902)	165489	20.0000	20
	59 Butylbenzylphthalate	149	10.419	10.419	(0.947)	95176	20.0000	20
	60 3,3'-Dichlorobenzidine	252	10.971	10.971	(0.997)	72244	30.0000	35
	61 Benzo(a)anthracene	228	10.989	10.989	(0.999)	160748	20.0000	19
*	81 Chrysene-d12	240	11.001	11.001	(1.000)	295823	40.0000	
	62 Chrysene	228	11.030	11.030	(1.003)	151910	20.0000	20
	63 bis(2-Ethylhexyl)phthalate	149	11.066	11.066	(1.006)	121774	20.0000	19
	64 Di-n-octylphthalate	149	11.860	11.860	(0.928)	150216	20.0000	18
	65 Benzo(b)fluoranthene	252	12.289	12.289	(0.962)	98964	20.0000	20
	66 Benzo(k)fluoranthene	252	12.324	12.324	(0.965)	113642	20.0000	20
	67 Benzo(a)pyrene	252	12.701	12.701	(0.994)	82268	20.0000	20
*	84 Perylene-d12	264	12.777	12.777	(1.000)	169271	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.159	14.159	(1.108)	55144	20.0000	17
	69 Dibenz(a,h)anthracene	278	14.189	14.189	(1.110)	57215	20.0000	17
	70 Benzo(g,h,i)perylene	276	14.501	14.501	(1.135)	62102	20.0000	20

Data File: z3497.d

Date: 31-AUG-2009 03:16

Client ID: Instrument: BNAMS11.i

Sample Info: IC-154122 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3498.d
Report Date: 31-Aug-2009 04:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3498.d
Lab Smp Id: IC-154125
Inj Date : 31-AUG-2009 03:40
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-154125
Misc Info : 10 ppm bna4392
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/8270C_08SP.m
Meth Date : 31-Aug-2009 04:49 asfawa Quant Type: ISTD
Cal Date : 31-AUG-2009 01:11 Cal File: z3493.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.313	1.313	(0.340)	34916	10.0000	10
	19 N-Nitrosodimethylamine	74	1.519	1.519	(0.393)	49928	10.0000	10
	71 Pyridine	79	1.543	1.543	(0.399)	89388	10.0000	10
$	16 2-Fluorophenol (SUR)	112	2.601	2.601	(0.673)	83673	10.0000	11
	110 Benzaldehyde	77	3.419	3.419	(0.884)	49560	10.0000	13
$	17 Phenol-d5 (SUR)	99	3.519	3.519	(0.910)	100649	10.0000	11
	1 Phenol	94	3.531	3.531	(0.913)	109123	10.0000	11
	73 Aniline	93	3.531	3.531	(0.913)	130533	10.0000	11
	20 bis(2-Chloroethyl)ether	93	3.601	3.601	(0.932)	84554	10.0000	10
	2 2-Chlorophenol	128	3.654	3.654	(0.945)	83079	10.0000	10
	113 n-decane	43	3.725	3.725	(0.963)	82702	10.0000	11
	21 1,3-Dichlorobenzene	146	3.807	3.807	(0.985)	97374	10.0000	10
*	79 1,4-Dichlorobenzene-d4	152	3.866	3.866	(1.000)	231548	40.0000	
	22 1,4-Dichlorobenzene	146	3.884	3.884	(1.005)	98903	10.0000	10
	74 Benzyl Alcohol	108	4.013	4.013	(1.038)	52104	10.0000	11

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3498.d
Report Date: 31-Aug-2009 04:49

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	4.037	4.037	(1.044)	92665	10.0000	10
	3 2-Methylphenol	108	4.142	4.142	(1.071)	68517	10.0000	10
	24 bis (2-chloroisopropyl) ether	45	4.154	4.154	(1.075)	96236	10.0000	11
	104 Acetophenone	105	4.278	4.278	(1.107)	106374	10.0000	11
	4 4-Methylphenol	108	4.301	4.301	(1.113)	70870	10.0000	11
	124 3 & 4 methylphenol	108	4.301	4.301	(1.113)	70870	10.0000	11
	25 N-Nitroso-di-n-propylamine	70	4.289	4.289	(1.110)	59150	10.0000	11
	26 Hexachloroethane	117	4.378	4.378	(1.132)	38146	10.0000	10
$	76 Nitrobenzene-d5 (SUR)	82	4.425	4.425	(0.858)	84164	10.0000	10
	27 Nitrobenzene	77	4.448	4.448	(0.863)	121239	10.0000	11
	107 N,N-Dimethylaniline	120	4.454	4.454	(1.152)	129093	10.0000	11
	28 Isophorone	82	4.689	4.689	(0.910)	146109	10.0000	10
	5 2-Nitrophenol	139	4.772	4.772	(0.926)	39103	10.0000	9.6
	6 2,4-Dimethylphenol	122	4.842	4.842	(0.940)	65185	10.0000	10
	29 bis(2-Chloroethoxy)methane	93	4.925	4.925	(0.955)	89414	10.0000	10
	15 Benzoic Acid	122	4.942	4.942	(0.959)	24886	10.0000	11
	7 2,4-Dichlorophenol	162	5.025	5.025	(0.975)	56190	10.0000	9.7
	30 1,2,4-Trichlorobenzene	180	5.101	5.101	(0.990)	71890	10.0000	10
*	80 Naphthalene-d8	136	5.154	5.154	(1.000)	806213	40.0000	
	31 Naphthalene	128	5.172	5.172	(1.003)	236037	10.0000	11
	32 4-Chloroaniline	127	5.242	5.242	(1.017)	87112	10.0000	11
	33 Hexachlorobutadiene	225	5.319	5.319	(1.032)	41605	10.0000	9.7
	111 Caprolactam	113	5.572	5.572	(1.081)	17102	10.0000	10
	8 4-Chloro-3-methylphenol	107	5.748	5.748	(1.115)	56997	10.0000	10
	34 2-Methylnaphthalene	142	5.872	5.872	(1.139)	137544	10.0000	10
	120 1-Methylnaphthalene	142	5.966	5.966	(1.157)	136942	10.0000	10
	35 Hexachlorocyclopentadiene	237	6.042	6.042	(0.876)	33950	10.0000	7.2
	121 2-tert-Butyl-4-methylphenol	149	6.101	6.101	(1.184)	93393	10.0000	10
	9 2,4,6-Trichlorophenol	196	6.166	6.166	(0.893)	36621	10.0000	9.3
	10 2,4,5-Trichlorophenol	196	6.201	6.201	(0.899)	38094	10.0000	9.7
$	77 2-Fluorobiphenyl (SUR)	172	6.242	6.242	(0.905)	141075	10.0000	9.9
	102 Diphenyl	154	6.336	6.336	(0.918)	158465	10.0000	10
	36 2-Chloronaphthalene	162	6.348	6.348	(0.920)	126299	10.0000	10
	103 Diphenyl Ether	170	6.448	6.448	(0.934)	87415	10.0000	9.9
	37 2-Nitroaniline	65	6.460	6.460	(0.936)	44711	10.0000	11
	123 1,3-Dimethylnaphthalene	156	6.572	6.572	(0.952)	101302	10.0000	10
	38 Dimethylphthalate	163	6.654	6.654	(0.964)	124968	10.0000	10
	114 Coumarin	146	6.660	6.660	(0.965)	39585	10.0000	10
	40 2,6-Dinitrotoluene	165	6.707	6.707	(0.972)	27716	10.0000	9.9
	39 Acenaphthylene	152	6.754	6.754	(0.979)	196453	10.0000	10
	41 3-Nitroaniline	138	6.866	6.866	(0.995)	27793	10.0000	10
*	82 Acenaphthene-d10	164	6.901	6.901	(1.000)	401072	40.0000	
	42 Acenaphthene	154	6.930	6.930	(1.004)	114129	10.0000	10
	122 2,6-Di-tert-butyl-p-cresol	205	6.942	6.942	(1.006)	112908	10.0000	9.8
	11 2,4-Dinitrophenol	184	6.972	6.972	(1.010)	17949	20.0000	16
	12 4-Nitrophenol	65	7.060	7.060	(1.023)	34698	20.0000	18
	44 2,4-Dinitrotoluene	165	7.101	7.101	(1.029)	34899	10.0000	9.8

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3498.d
Report Date: 31-Aug-2009 04:49

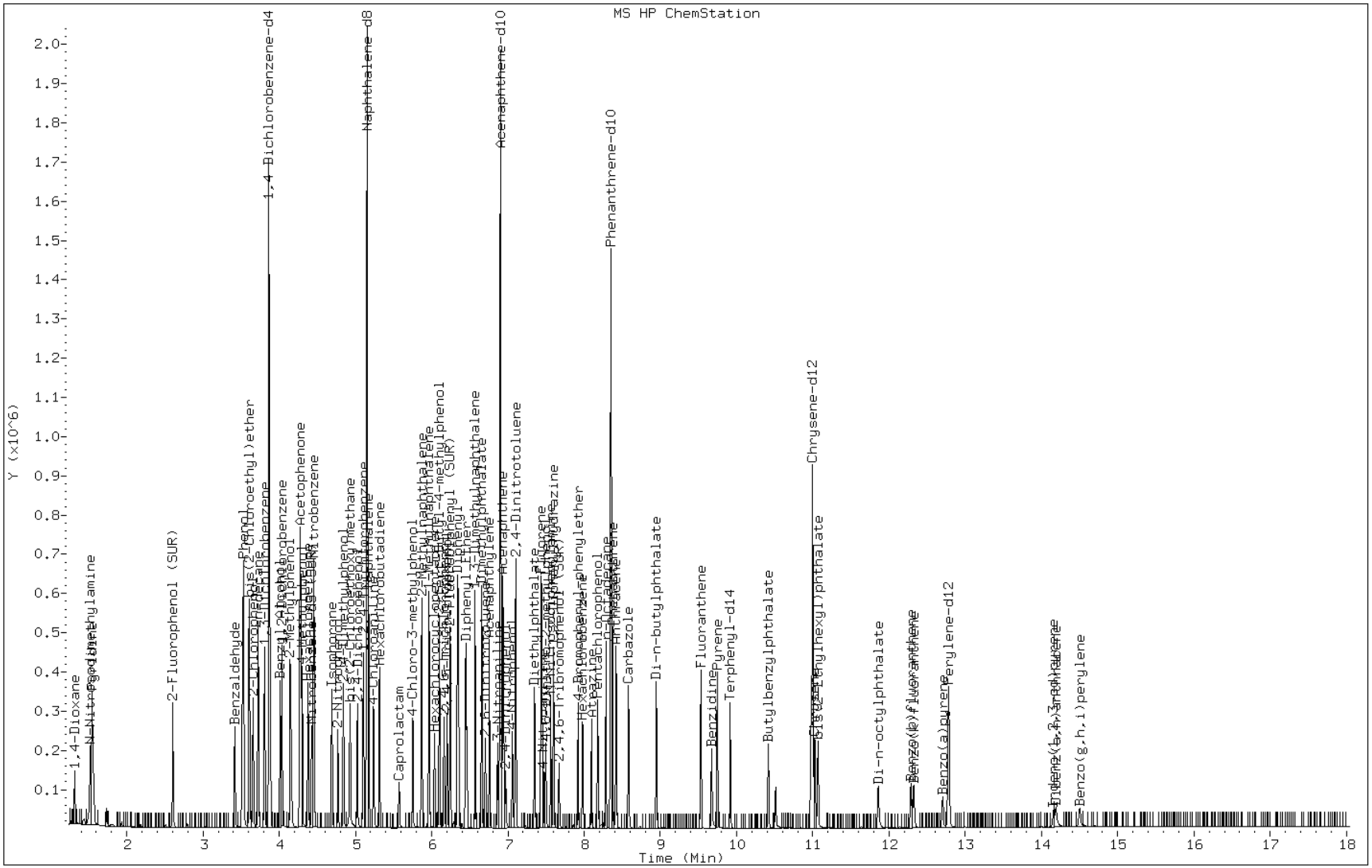
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.101	7.101	(1.029)	164021	10.0000	10
	45 Diethylphthalate	149	7.348	7.348	(1.065)	119182	10.0000	10
	47 Fluorene	166	7.436	7.436	(1.078)	129953	10.0000	10
	46 4-Chlorophenyl-phenylether	204	7.448	7.448	(1.079)	62065	10.0000	9.8
	48 4-Nitroaniline	138	7.466	7.466	(1.082)	24068	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.501	7.501	(0.899)	28530	20.0000	18
	49 N-Nitrosodiphenylamine	169	7.560	7.560	(0.906)	77565	10.0000	9.7
	75 1,2-Diphenylhydrazine	77	7.601	7.601	(0.911)	153741	10.0000	10
$	18 2,4,6-Tribromophenol (SUR)	330	7.672	7.672	(1.112)	14920	10.0000	9.6
	50 4-Bromophenyl-phenylether	248	7.919	7.919	(0.949)	30974	10.0000	9.4
	51 Hexachlorobenzene	284	7.983	7.983	(0.956)	31842	10.0000	9.5
	112 Atrazine	200	8.095	8.095	(0.970)	27861	10.0000	10
	14 Pentachlorophenol	266	8.177	8.177	(0.980)	29931	20.0000	18
	115 n-Octadecane	57	8.289	8.289	(0.993)	78677	10.0000	11
*	83 Phenanthrene-d10	188	8.348	8.348	(1.000)	529683	40.0000	
	52 Phenanthrene	178	8.372	8.372	(1.003)	154049	10.0000	10
	53 Anthracene	178	8.419	8.419	(1.008)	155370	10.0000	10
	54 Carbazole	167	8.583	8.583	(1.028)	128405	10.0000	10
	55 Di-n-butylphthalate	149	8.948	8.948	(1.072)	161307	10.0000	10
	56 Fluoranthene	202	9.530	9.530	(1.142)	139164	10.0000	10
	58 Benzidine	184	9.671	9.671	(1.159)	74360	20.0000	44
	57 Pyrene	202	9.748	9.748	(0.886)	138178	10.0000	9.8
$	78 Terphenyl-d14	244	9.919	9.919	(0.902)	84212	10.0000	9.3
	59 Butylbenzylphthalate	149	10.418	10.418	(0.947)	51648	10.0000	9.8
	60 3,3'-Dichlorobenzidine	252	10.971	10.971	(0.997)	52140	20.0000	22
	61 Benzo(a)anthracene	228	10.989	10.989	(0.999)	90110	10.0000	9.7
*	81 Chrysene-d12	240	11.001	11.001	(1.000)	323498	40.0000	
	62 Chrysene	228	11.030	11.030	(1.003)	86181	10.0000	10
	63 bis(2-Ethylhexyl)phthalate	149	11.066	11.066	(1.006)	64426	10.0000	9.4
	64 Di-n-octylphthalate	149	11.860	11.860	(0.928)	76537	10.0000	8.7
	65 Benzo(b)fluoranthene	252	12.289	12.289	(0.961)	54516	10.0000	9.8
	66 Benzo(k)fluoranthene	252	12.324	12.324	(0.964)	62063	10.0000	10
	67 Benzo(a)pyrene	252	12.701	12.701	(0.994)	44006	10.0000	9.6
*	84 Perylene-d12	264	12.783	12.783	(1.000)	187068	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.159	14.159	(1.108)	25887	10.0000	7.3
	69 Dibenz(a,h)anthracene	278	14.189	14.189	(1.110)	30090	10.0000	8.2
	70 Benzo(g,h,i)perylene	276	14.501	14.501	(1.134)	32963	10.0000	9.5

Data File: z3498.d

Date: 31-AUG-2009 03:40

Client ID: Instrument: BNAMS11.i

Sample Info: IC-154125 Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-14784/4	x1984.d
Level 2	IC 460-14784/7	x1987.d
Level 3	IC 460-14784/6	x1986.d
Level 4	ICIS 460-14784/2	x1982.d
Level 5	IC 460-14784/5	x1985.d
Level 6	IC 460-14784/3	x1983.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6232 0.6170	0.6063	0.5947	0.5959	0.5701	Ave		0.6012				3.2		15.0			
N-Nitrosodimethylamine	0.7878 0.8356	0.8396	0.8158	0.8260	0.7922	Ave		0.8161				2.7		15.0			
Pyridine	1.3715 1.4342	1.4904	1.4449	1.4281	1.3611	Ave		1.4217				3.4		15.0			
2,3,7,8-TCDD	+++++ +++++	+++++	+++++	0.2048	+++++	Ave		0.2048						15.0			
Benzaldehyde	0.6015 +++++	0.7101	0.6596	0.6065	0.3421	Ave		0.5839				24.4	*	15.0			
Aniline	1.8942 1.5397	2.0497	1.9464	1.8336	1.6748	Ave		1.8231				10.2		15.0			
Phenol	1.8271 1.4713	1.7686	1.7162	1.5331	1.4426	Ave		1.6265				10.1		30.0			
Bis(2-chloroethyl)ether	1.3780 1.3829	1.4001	1.2967	1.2619	1.2109	Ave		1.3217				5.8		15.0			
2-Chlorophenol	1.5237 1.2753	1.4642	1.5240	1.3565	1.2834	Ave		1.4045				8.2		15.0			
n-Decane	2.1318 2.0490	2.2637	2.1693	2.0799	1.9880	Ave		2.1136				4.6		15.0			
1,3-Dichlorobenzene	1.8342 1.5404	1.8787	1.7500	1.6482	1.5626	Ave		1.7023				8.3		15.0			
1,4-Dichlorobenzene	1.8403 1.4988	1.8327	1.7519	1.6189	1.5179	Ave		1.6767				9.1		30.0			
Benzyl alcohol	0.7616 0.7686	0.9083	0.8919	0.8519	0.7719	Ave		0.8257				8.1		15.0			
1,2-Dichlorobenzene	1.7322 1.3390	1.7600	1.6224	1.4835	1.3937	Ave		1.5551				11.3		15.0			
2-Methylphenol	1.2071 1.0051	1.1988	1.1974	1.0728	0.9955	Ave		1.1128				9.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	2.5088 2.3294	2.5684	2.4614	2.4212	2.3108	Ave		2.4333				4.1		15.0			
Acetophenone	1.8188 1.4263	1.7659	1.6733	1.5355	1.4403	Ave		1.6100				10.4		15.0			
N-Nitrosodi-n-propylamine	0.8623 0.7270	0.8651	0.7992	0.7109	0.6171	Ave		0.7636			0.0500	12.7		15.0			
3 & 4 Methylphenol	1.2868 0.9311	1.2108	1.2042	0.9702	0.9345	Ave		1.0896				14.8		15.0			
4-Methylphenol	1.2789 0.9341	1.2010	1.1862	0.9765	0.9345	Ave		1.0852				14.2		15.0			
Hexachloroethane	0.6799 0.5661	0.6964	0.6663	0.6076	0.5813	Ave		0.6329				8.7		15.0			
Nitrobenzene	0.5632 0.4510	0.5566	0.5341	0.4930	0.4666	Ave		0.5108				9.3		15.0			
n,n'-Dimethylaniline	2.3286 1.6638	2.1168	1.9827	1.8154	1.7060	Ave		1.9355				13.3		15.0			
Isophorone	0.6839 0.5952	0.6864	0.6633	0.6397	0.6234	Ave		0.6486				5.5		15.0			
2-Nitrophenol	0.2143 0.1954	0.2113	0.2157	0.2023	0.1950	Ave		0.2057				4.6		30.0			
2,4-Dimethylphenol	0.3479 0.2760	0.3311	0.3364	0.3046	0.2921	Ave		0.3147				8.9		15.0			
Bis(2-chloroethoxy)methane	0.4181 0.3590	0.4196	0.3973	0.3704	0.3649	Ave		0.3882				7.0		15.0			
Benzoic acid	0.1158 0.1464	0.1256	0.1651	0.1470	0.1333	Ave		0.1389				12.7		15.0			
2,4-Dichlorophenol	0.3377 0.2754	0.3172	0.3217	0.2877	0.2755	Ave		0.3025				8.8		30.0			
1,2,4-Trichlorobenzene	0.4058 0.3309	0.3873	0.3714	0.3445	0.3323	Ave		0.3620				8.6		15.0			
Naphthalene	1.2105 1.0048	1.2003	1.1336	1.0527	1.0158	Ave		1.1030				8.3		15.0			
4-Chloroaniline	0.4136 0.3642	0.4379	0.4296	0.3890	0.3712	Ave		0.4009				7.7		15.0			
Hexachlorobutadiene	0.2439 0.1844	0.2324	0.2265	0.2039	0.1922	Ave		0.2139				11.1		30.0			
Caprolactam	0.0816 0.0773	0.0806	0.0892	0.0818	0.0810	Ave		0.0819				4.8		15.0			
4-Chloro-3-methylphenol	0.2861 0.2533	0.2701	0.2802	0.2652	0.2666	Ave		0.2702				4.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylnaphthalene	0.7422 0.6266	0.7157	0.6926	0.6408	0.6179	Ave		0.6726				7.6		15.0			
1-Methylnaphthalene	0.7039 0.6154	0.7143	0.6916	0.6345	0.5913	Ave		0.6585				7.8		15.0			
Hexachlorocyclopentadiene	0.4187 0.4228	0.4303	0.4308	0.4535	0.4150	Ave		0.4285			0.0500	3.2		15.0			
2-tertbutyl-4-methylphenol	0.4747 0.3328	0.4701	0.4507	0.4070	0.3847	Ave		0.4200				13.2		15.0			
2,4,6-Trichlorophenol	0.4155 0.4183	0.4006	0.4070	0.4050	0.3758	Ave		0.4037				3.8		30.0			
2,4,5-Trichlorophenol	0.4444 0.3799	0.4069	0.4158	0.3986	0.3644	Ave		0.4017				7.0		15.0			
1,1'-Biphenyl	1.7419 1.3606	1.6849	1.5963	1.5065	1.3727	Ave		1.5438				10.3		15.0			
2-Chloronaphthalene	1.3579 1.1170	1.3275	1.2507	1.1740	1.1045	Ave		1.2219				8.8		15.0			
Phenyl ether	0.9380 0.7834	0.9236	0.8610	0.8290	0.7890	Ave		0.8540				7.7		15.0			
2-Nitroaniline	0.3833 0.2880	0.4175	0.4032	0.3881	0.3772	Ave		0.3762				12.1		15.0			
1,3-Dimethylnaphthalene	1.0663 0.9249	1.0701	1.0164	0.9323	0.9042	Ave		0.9857				7.6		15.0			
Dimethyl phthalate	1.2950 1.1185	1.2849	1.2522	1.1744	1.1159	Ave		1.2068				6.7		15.0			
Coumarin	0.4257 0.3642	0.4142	0.4167	0.3743	0.3597	Ave		0.3925				7.5		15.0			
2,6-Dinitrotoluene	0.2748 0.2698	0.2903	0.2915	0.2809	0.2732	Ave		0.2801				3.3		15.0			
Acenaphthylene	2.0824 1.7254	2.0951	1.9734	1.8620	1.7411	Ave		1.9132				8.5		15.0			
3-Nitroaniline	0.3056 0.2714	0.3133	0.3156	0.2883	0.2843	Ave		0.2964				6.0		15.0			
Acenaphthene	1.2126 0.9604	1.1892	1.0898	1.0505	0.9846	Ave		1.0812				9.6		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.0753 0.8258	1.0831	0.9990	0.8702	0.8202	Ave		0.9456				12.9		15.0			
2,4-Dinitrophenol	0.1105 0.1698	0.1272	0.1508	0.1643	0.1615	LinF		0.1657							0.9919		0.9900
4-Nitrophenol	0.1756 0.1966	0.1702	0.1941	0.1907	0.1925	Ave		0.1866			0.0500	5.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrotoluene	0.3863 0.3120	0.3576	0.3595	0.3352	0.3193	Ave		0.3450				8.1		15.0			
Dibenzofuran	1.7367 1.4032	1.6904	1.6147	1.4767	1.4026	Ave		1.5540				9.4		15.0			
Diethyl phthalate	1.2594 1.1045	1.2373	1.2298	1.1908	1.1388	Ave		1.1934				5.1		15.0			
Fluorene	1.3661 1.0724	1.3372	1.2788	1.1576	1.0910	Ave		1.2172				10.4		15.0			
4-Chlorophenyl phenyl ether	0.6499 0.4952	0.6414	0.6020	0.5566	0.5119	Ave		0.5762				11.4		15.0			
4-Nitroaniline	0.2432 0.2177	0.2496	0.2859	0.2575	0.2506	Ave		0.2508				8.8		15.0			
4,6-Dinitro-2-methylphenol	0.1299 0.1434	0.1356	0.1488	0.1499	0.1472	Ave		0.1425				5.6		15.0			
N-Nitrosodiphenylamine	0.6353 0.6640	0.6536	0.6125	0.5631	0.5511	Ave		0.6133				7.7		30.0			
1,2-Diphenylhydrazine	1.0472 1.0500	1.0741	1.0010	0.9770	0.9409	Ave		1.0150				5.0		15.0			
4-Bromophenyl phenyl ether	0.2615 0.2470	0.2699	0.2583	0.2461	0.2393	Ave		0.2537				4.5		15.0			
Hexachlorobenzene	0.3073 0.2718	0.2971	0.2790	0.2684	0.2625	Ave		0.2810				6.2		15.0			
Atrazine	0.2249 0.2038	0.2225	0.2179	0.2105	0.2020	Ave		0.2136				4.5		15.0			
Pentachlorophenol	0.1580 0.1737	0.1632	0.1698	0.1697	0.1682	Ave		0.1671				3.3		30.0			
n-Octadecane	0.6048 0.6689	0.6639	0.6317	0.6241	0.6174	Ave		0.6351				4.1		15.0			
Phenanthrene	1.2724 1.1234	1.2421	1.2127	1.1374	1.0921	Ave		1.1800				6.1		15.0			
Anthracene	1.2926 1.0900	1.3012	1.2036	1.1493	1.1041	Ave		1.1901				7.7		15.0			
Carbazole	1.0708 0.9336	1.0598	1.0692	0.9507	0.9343	Ave		1.0031				7.0		15.0			
Di-n-butyl phthalate	1.3379 1.2520	1.3351	1.3416	1.2634	1.2438	Ave		1.2956				3.6		15.0			
Fluoranthene	1.1770 0.9715	1.1037	1.1281	1.0288	1.0160	Ave		1.0709				7.3		30.0			
Benzidine	0.0836 +++++	0.2839	0.2578	0.0810	0.0521	Ave		0.1517				72.4	*	15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Pyrene	1.7014 1.8699	1.8584	1.7383	1.7298	1.6323	Ave		1.7550				5.3		15.0			
Butyl benzyl phthalate	0.6286 0.7578	0.7072	0.7136	0.7189	0.6919	Ave		0.7030				6.0		15.0			
3,3'-Dichlorobenzidine	0.3371 0.2599	0.3703	0.3690	0.3231	0.2948	Ave		0.3257				13.2		15.0			
Benzo[a]anthracene	1.3230 1.1199	1.1394	1.1173	1.1184	1.0869	Ave		1.1508				7.5		15.0			
Chrysene	1.1440 0.9963	1.1210	1.0638	1.0449	1.0063	Ave		1.0627				5.6		15.0			
Bis(2-ethylhexyl) phthalate	0.8676 0.9788	0.9146	0.9087	0.9332	0.9294	Ave		0.9221				3.9		15.0			
Di-n-octyl phthalate	1.5590 2.1411	2.0369	2.0359	2.0156	2.1916	Ave		1.9967				11.3		30.0			
Benzo[b]fluoranthene	1.2520 1.3121	1.2224	1.2880	1.3058	1.2156	Ave		1.2660				3.3		15.0			
Benzo[k]fluoranthene	1.3686 1.2826	1.5106	1.3151	1.3057	1.3507	Ave		1.3556				6.1		15.0			
Benzo[a]pyrene	1.0612 1.0433	1.0280	1.0496	1.0405	1.0355	Ave		1.0430				1.1		30.0			
Indeno[1,2,3-cd]pyrene	0.7330 0.8754	0.6511	0.6641	0.7480	0.7784	Ave		0.7417				11.0		15.0			
Dibenz(a,h)anthracene	0.5363 0.8701	0.7216	0.7476	0.8018	0.7939	LinF		0.8415							0.9954		0.9900
Benzo[g,h,i]perylene	0.6607 0.8531	0.7570	0.7229	0.7751	0.7756	Ave		0.7574				8.4		15.0			
2-Fluorophenol	1.3708 1.2788	1.4433	1.3628	1.3239	1.2334	Ave		1.3355				5.5		15.0			
Phenol-d5	1.5983 1.3038	1.6929	1.5087	1.4149	1.3118	Ave		1.4717				10.7		15.0			
Nitrobenzene-d5	0.3872 0.3502	0.3895	0.4075	0.3701	0.3531	Ave		0.3763				6.0		15.0			
2-Fluorobiphenyl	1.4945 1.3117	1.4932	1.4929	1.3631	1.2694	Ave		1.4041				7.3		15.0			
2,4,6-Tribromophenol	0.1739 0.1580	0.1803	0.1720	0.1627	0.1615	Ave		0.1681				5.1		15.0			
Terphenyl-d14	1.0044 1.1413	1.1032	1.0539	1.0390	0.9722	Ave		1.0523				5.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-14784/4	x1984.d
Level 2	IC 460-14784/7	x1987.d
Level 3	IC 460-14784/6	x1986.d
Level 4	ICIS 460-14784/2	x1982.d
Level 5	IC 460-14784/5	x1985.d
Level 6	IC 460-14784/3	x1983.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	31201 701046	67713	119142	325689	411727	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	39441 949417	93766	163429	451437	572123	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	68665 1629610	166448	289474	780511	982990	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD	CRY	Ave	+++++ +++++	+++++	+++++	1362	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	30114 +++++	79300	132137	331499	247043	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	94830 1749445	228903	389952	1002148	1209594	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	91472 1671709	197514	343829	837882	1041867	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	6899 1571279	156355	259774	689693	874554	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	76282 1449006	163522	305319	741379	926887	5.00 120	10.0	20.0	50.0	80.0
n-Decane	DCB	Ave	106729 2328161	252809	434597	1136764	1435791	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	91829 1750253	209807	350594	900822	1128554	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	92132 1702974	204671	350984	884792	1096256	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	38130 873284	101435	178684	465578	557502	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	86721 1521487	196551	325027	810817	1006582	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	60432 1142077	133875	239888	586338	718996	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	125601 2646778	286834	493125	1323269	1668920	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetophenone	DCB	Ave	91055 1620675	197217	335234	839217	1040223	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	4317 826033	96608	160117	388545	445698	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	64424 1057969	135224	241242	530278	674894	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	64025 1061342	134123	237643	533701	674894	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	3404 643269	77768	133489	332058	419810	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	9482 1680047	210325	359474	899794	1112025	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	11658 1890437	236394	397217	992212	1232151	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	115139 2217212	259389	446398	1167397	1485795	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	36074 727873	79864	145186	369243	464673	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	58580 1027993	125115	226388	555806	696206	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	70390 1337256	158548	267346	675931	869731	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	19498 545251	47471	111123	268265	317687	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	56857 1025976	119874	216523	524987	656640	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	6832 1232678	146362	249930	628689	791975	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	203808 3742982	453591	762900	1921086	2421079	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	69638 1356617	165469	289104	709832	884808	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	8211 687003	87805	152458	372165	458177	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	13740 288098	30476	60036	149225	193108	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	48167 943491	102073	188543	483961	635407	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	124954 2334093	270466	466114	1169445	1472827	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	118516 2292231	269920	465410	1158031	1409397	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorocyclopentadiene	ACN	Ave	34714 744517	78944	144049	397165	484799	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	79913 1239725	177658	303290	742762	916793	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ACN	Ave	34452 736482	73499	136094	354686	438993	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ACN	Ave	36842 668869	74643	139056	349086	425704	5.00 120	10.0	20.0	50.0	80.0
1,1'-Biphenyl	ACN	Ave	144425 2395716	309106	533814	1319479	1603393	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ACN	Ave	112586 1966783	243543	418233	1028233	1290106	5.00 120	10.0	20.0	50.0	80.0
Phenyl ether	ACN	Ave	77769 1379445	169440	287916	726122	921625	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ACN	Ave	63565 507020	76590	134814	339948	440604	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ACN	Ave	88409 1628538	196315	339870	816577	1056236	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ACN	Ave	107368 1969427	235716	418746	1028600	1303512	5.00 120	10.0	20.0	50.0	80.0
Coumarin	ACN	Ave	35296 641229	75980	139344	327824	420208	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ACN	Ave	4557 475029	53248	97480	246049	319075	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ACN	Ave	172653 3038122	384352	659907	1630863	2033715	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ACN	Ave	50673 477886	57468	105538	252484	332114	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ACN	Ave	100536 1691053	218164	364439	920072	1150151	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ACN	Ave	89155 1454004	198694	334078	762139	958103	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ACN	LinF	27479 299039	46662	75664	143936	188630	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ACN	Ave	43679 346114	62434	97343	167043	224891	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ACN	Ave	6406 549278	65606	120208	293580	372978	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ACN	Ave	143989 2470743	310107	539956	1293386	1638320	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ACN	Ave	104420 1944721	226992	411229	1043010	1330169	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluorene	ACN	Ave	113265 1888275	245308	427638	1013858	1274374	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ACN	Ave	53886 871872	117660	201295	487546	597926	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ACN	Ave	40328 383341	45788	95620	225530	292684	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	43223 309495	63061	99352	169581	220361	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	70451 1432970	152017	272700	637249	824906	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	116125 2266120	249800	445698	1105623	1408235	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	28997 533130	62775	115009	278475	358238	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	3408 586653	69087	124206	303681	392919	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	24939 439889	51757	97014	238151	302306	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	52563 374870	75931	113410	192046	251700	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	67061 1443622	154406	281240	706203	924024	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	141088 2424624	288877	539920	1287130	1634606	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	143329 2352362	302628	535875	1300520	1652544	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	118739 2014957	246493	476055	1075832	1398400	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	148358 2702049	310506	597329	1429708	1861693	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	130509 2096751	256704	502292	1164229	1520696	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	9270 +++++	132041	172158	91604	77960	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	133697 2034842	253074	503099	1150461	1501046	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	49398 824621	96304	206519	478131	636256	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	52974 282839	100843	160184	214894	271133	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	10396 1218661	155164	323374	743787	999445	0.500 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-4835-1 Analy Batch No.: 14784

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2009 01:06 Calibration End Date: 08/19/2009 03:20 Calibration ID: 2617

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chrysene	CRY	Ave	89898 1084184	152649	307872	694933	925365	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	68173 1065177	124550	263005	620642	854622	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PD12	Ave	81711 1356836	159331	360365	798132	1221158	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PD12	Ave	6562 831475	95621	227992	517082	677329	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PD12	Ave	7173 812756	118164	232789	517048	752648	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PD12	Ave	5562 661113	80409	185790	412029	576985	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PD12	Ave	3842 554751	50929	117546	296193	433740	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PD12	LinF	2811 551371	56441	132329	317499	442385	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PD12	Ave	34629 540585	59216	127966	306939	432144	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	68630 1453054	161183	273019	723560	890793	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	80017 1481468	189055	302264	773318	947388	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	65184 1304498	147178	274239	675447	841600	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ACN	Ave	123909 2309650	273927	499227	1193895	1482710	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ACN	Ave	14420 278187	33079	57502	142470	188657	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	78928 1241967	150224	305022	690988	894020	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1982.d
Report Date: 20-Aug-2009 10:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1982.d
Lab Smp Id: ICIS-154120
Inj Date : 19-AUG-2009 01:06
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : ICIS-154120
Misc Info : 50 ppm bna4392
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/8270C_08SP.m
Meth Date : 20-Aug-2009 10:10 rusin Quant Type: ISTD
Cal Date : 19-AUG-2009 01:06 Cal File: x1982.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.396	1.396	(0.350)	325689	50.0000	50
	19 N-Nitrosodimethylamine	74	1.608	1.608	(0.404)	451437	50.0000	51
	71 Pyridine	79	1.631	1.631	(0.409)	780511	50.0000	50
$	16 2-Fluorophenol (SUR)	112	2.707	2.707	(0.680)	723560	50.0000	50
	110 Benzaldehyde	77	3.537	3.537	(0.888)	331499	50.0000	52
$	17 Phenol-d5 (SUR)	99	3.643	3.643	(0.914)	773318	50.0000	48
	1 Phenol	94	3.660	3.660	(0.919)	837882	50.0000	47
	73 Aniline	93	3.654	3.654	(0.917)	1002148	50.0000	50
	20 bis(2-Chloroethyl)ether	93	3.731	3.731	(0.936)	689693	50.0000	48
	2 2-Chlorophenol	128	3.778	3.778	(0.948)	741379	50.0000	48
	113 n-decane	43	3.843	3.843	(0.965)	1136764	50.0000	49
	21 1,3-Dichlorobenzene	146	3.931	3.931	(0.987)	900822	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	3.984	3.984	(1.000)	437232	40.0000	
	22 1,4-Dichlorobenzene	146	4.002	4.002	(1.004)	884792	50.0000	48
	74 Benzyl Alcohol	108	4.137	4.137	(1.038)	465578	50.0000	52

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1982.d
Report Date: 20-Aug-2009 10:10

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.154	4.154	(1.043)	810817	50.0000	48
	3 2-Methylphenol	108	4.266	4.266	(1.071)	586338	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	4.272	4.272	(1.072)	1323269	50.0000	50
	4 4-Methylphenol	108	4.425	4.425	(1.111)	533701	50.0000	45
	124 3 & 4 Methylphenol	108	4.425	4.425	(1.111)	530278	50.0000	44(A)
	104 Acetophenone	105	4.407	4.407	(1.106)	839217	50.0000	48
	25 N-Nitroso-di-n-propylamine	70	4.419	4.419	(1.109)	388545	50.0000	46
	26 Hexachloroethane	117	4.496	4.496	(1.128)	332058	50.0000	48
$	76 Nitrobenzene-d5 (SUR)	82	4.554	4.554	(0.863)	675447	50.0000	49
	27 Nitrobenzene	77	4.578	4.578	(0.867)	899794	50.0000	48
	107 N,N-Dimethylaniline	120	4.578	4.578	(1.149)	992212	50.0000	47
	28 Isophorone	82	4.819	4.819	(0.913)	1167397	50.0000	49
	5 2-Nitrophenol	139	4.896	4.896	(0.928)	369243	50.0000	49
	6 2,4-Dimethylphenol	122	4.960	4.960	(0.940)	555806	50.0000	48
	29 bis(2-Chloroethoxy)methane	93	5.048	5.048	(0.957)	675931	50.0000	48
	15 Benzoic Acid	122	5.119	5.119	(0.970)	268265	50.0000	53
	7 2,4-Dichlorophenol	162	5.149	5.149	(0.975)	524987	50.0000	48
	30 1,2,4-Trichlorobenzene	180	5.225	5.225	(0.990)	628689	50.0000	48
*	80 Naphthalene-d8	136	5.278	5.278	(1.000)	1459972	40.0000	
	31 Naphthalene	128	5.296	5.296	(1.003)	1921086	50.0000	48
	32 4-Chloroaniline	127	5.360	5.360	(1.016)	709832	50.0000	48
	33 Hexachlorobutadiene	225	5.437	5.437	(1.030)	372165	50.0000	48
	111 Caprolactam	113	5.754	5.754	(1.090)	149225	50.0000	50
	8 4-Chloro-3-methylphenol	107	5.878	5.878	(1.114)	483961	50.0000	49
	34 2-Methylnaphthalene	142	5.995	5.995	(1.136)	1169445	50.0000	48
	120 1-Methylnaphthalene	142	6.096	6.096	(1.155)	1158031	50.0000	48
	35 Hexachlorocyclopentadiene	237	6.166	6.166	(0.877)	397165	50.0000	53
	121 2-tert-Butyl-4-methylphenol	149	6.225	6.225	(1.179)	742762	50.0000	48
	9 2,4,6-Trichlorophenol	196	6.290	6.290	(0.895)	354686	50.0000	50
	10 2,4,5-Trichlorophenol	196	6.331	6.331	(0.900)	349086	50.0000	50
$	77 2-Fluorobiphenyl (SUR)	172	6.372	6.372	(0.906)	1193895	50.0000	48
	102 Diphenyl	154	6.466	6.466	(0.920)	1319479	50.0000	49
	36 2-Chloronaphthalene	162	6.484	6.484	(0.922)	1028233	50.0000	48
	103 Diphenyl Ether	170	6.572	6.572	(0.935)	726122	50.0000	48
	37 2-Nitroaniline	65	6.595	6.595	(0.938)	339948	50.0000	52
	123 1,3-Dimethylnaphthalene	156	6.701	6.701	(0.953)	816577	50.0000	47
	38 Dimethylphthalate	163	6.784	6.784	(0.965)	1028600	50.0000	49
	114 Coumarin	146	6.795	6.795	(0.967)	327824	50.0000	48
	40 2,6-Dinitrotoluene	165	6.837	6.837	(0.972)	246049	50.0000	50
	39 Acenaphthylene	152	6.890	6.890	(0.980)	1630863	50.0000	49
	41 3-Nitroaniline	138	7.001	7.001	(0.996)	252484	50.0000	49
*	82 Acenaphthene-d10	164	7.031	7.031	(1.000)	700687	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.072	7.072	(1.006)	762139	50.0000	46
	42 Acenaphthene	154	7.066	7.066	(1.005)	920072	50.0000	48
	11 2,4-Dinitrophenol	184	7.101	7.101	(1.010)	143936	50.0000	50
	12 4-Nitrophenol	65	7.184	7.184	(1.022)	167043	50.0000	51
	44 2,4-Dinitrotoluene	165	7.231	7.231	(1.028)	293580	50.0000	48

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1982.d
Report Date: 20-Aug-2009 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.237	7.237	(1.029)	1293386	50.0000	48
	45 Diethylphthalate	149	7.484	7.484	(1.064)	1043010	50.0000	50
	47 Fluorene	166	7.572	7.572	(1.077)	1013858	50.0000	48
	46 4-Chlorophenyl-phenylether	204	7.578	7.578	(1.078)	487546	50.0000	48
	48 4-Nitroaniline	138	7.607	7.607	(1.082)	225530	50.0000	51
	13 4,6-Dinitro-2-methylphenol	198	7.637	7.637	(0.895)	169581	50.0000	52
	49 N-Nitrosodiphenylamine	169	7.701	7.701	(0.902)	637249	50.0000	46
	75 1,2-Diphenylhydrazine	77	7.737	7.737	(0.906)	1105623	50.0000	48
$	18 2,4,6-Tribromophenol (SUR)	330	7.807	7.807	(1.110)	142470	50.0000	48(H)
	50 4-Bromophenyl-phenylether	248	8.054	8.054	(0.943)	278475	50.0000	48(H)
	51 Hexachlorobenzene	284	8.119	8.119	(0.951)	303681	50.0000	48(H)
	112 Atrazine	200	8.237	8.237	(0.965)	238151	50.0000	49(H)
	14 Pentachlorophenol	266	8.313	8.313	(0.974)	192046	50.0000	51
	115 n-Octadecane	57	8.419	8.419	(0.986)	706203	50.0000	49(H)
*	83 Phenanthrene-d10	188	8.484	8.484	(1.000)	905288	40.0000	(H)
	52 Phenanthrene	178	8.513	8.513	(0.997)	1287130	50.0000	48(H)
	53 Anthracene	178	8.560	8.560	(1.003)	1300520	50.0000	48
	54 Carbazole	167	8.725	8.725	(1.022)	1075832	50.0000	47
	55 Di-n-butylphthalate	149	9.084	9.084	(1.064)	1429708	50.0000	49
	56 Fluoranthene	202	9.672	9.672	(1.133)	1164229	50.0000	48
	58 Benzidine	184	9.813	9.813	(1.150)	91604	50.0000	27
	57 Pyrene	202	9.889	9.889	(0.885)	1150461	50.0000	49
$	78 Terphenyl-d14	244	10.054	10.054	(0.899)	690988	50.0000	49
	59 Butylbenzylphthalate	149	10.566	10.566	(0.945)	478131	50.0000	51
	109 2,3,7,8-TCDD (Screen)	322	10.654	10.654	(0.953)	1362	0.50000	0.50
	60 3,3'-Dichlorobenzidine	252	11.148	11.148	(0.997)	214894	50.0000	50
	61 Benzo(a)anthracene	228	11.160	11.160	(0.998)	743787	50.0000	48
*	81 Chrysene-d12	240	11.178	11.178	(1.000)	532054	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.236	11.236	(1.005)	620642	50.0000	51
	62 Chrysene	228	11.207	11.207	(1.003)	694933	50.0000	49
	64 Di-n-octylphthalate	149	12.054	12.054	(0.928)	798132	50.0000	50
	65 Benzo(b)fluoranthene	252	12.501	12.501	(0.962)	517082	50.0000	52
	66 Benzo(k)fluoranthene	252	12.536	12.536	(0.965)	517048	50.0000	48
	67 Benzo(a)pyrene	252	12.919	12.919	(0.994)	412029	50.0000	50
*	84 Perylene-d12	264	12.995	12.995	(1.000)	316788	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.401	14.401	(1.108)	296193	50.0000	50
	69 Dibenz(a,h)anthracene	278	14.442	14.442	(1.111)	317499	50.0000	48
	70 Benzo(g,h,i)perylene	276	14.771	14.771	(1.137)	306939	50.0000	51

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: x1982.d

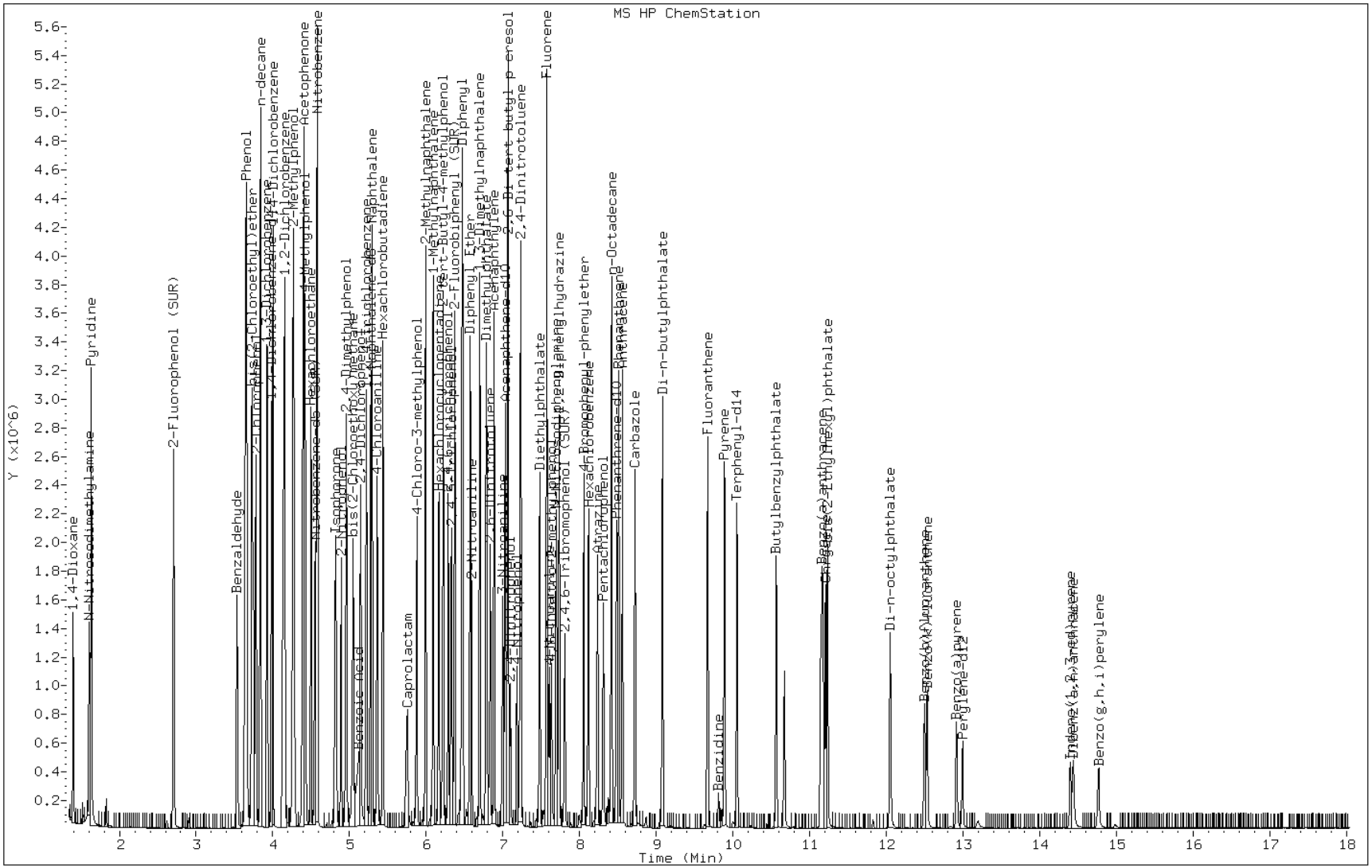
Date: 19-AUG-2009 01:06

Client ID:

Instrument: BNAMS5.i

Sample Info: ICIS-154120

Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1983.d
Report Date: 20-Aug-2009 10:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1983.d
Lab Smp Id: IC-154124
Inj Date : 19-AUG-2009 01:42
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-154124
Misc Info : 120 ppm bna4392
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/8270C_08SP.m
Meth Date : 20-Aug-2009 10:10 rusin Quant Type: ISTD
Cal Date : 19-AUG-2009 01:06 Cal File: x1982.d
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.437	1.437	(0.360)	701046	120.000	120(A)
19	N-Nitrosodimethylamine	74	1.690	1.690	(0.424)	949417	120.000	120(AH)
71	Pyridine	79	1.713	1.713	(0.429)	1629610	120.000	120(AH)
$ 16	2-Fluorophenol (SUR)	112	2.749	2.749	(0.689)	1453054	120.000	110
110	Benzaldehyde	77	3.549	3.549	(0.889)	125897	120.000	23
$ 17	Phenol-d5 (SUR)	99	3.666	3.666	(0.919)	1481468	120.000	110
1	Phenol	94	3.684	3.684	(0.923)	1671709	120.000	110
73	Aniline	93	3.666	3.666	(0.919)	1749445	120.000	100
20	bis(2-Chloroethyl)ether	93	3.748	3.748	(0.940)	1571279	120.000	120(A)
2	2-Chlorophenol	128	3.796	3.796	(0.951)	1449006	120.000	110
113	n-decane	43	3.848	3.848	(0.965)	2328161	120.000	120
21	1,3-Dichlorobenzene	146	3.943	3.943	(0.988)	1750253	120.000	110
* 79	1,4-Dichlorobenzene-d4	152	3.990	3.990	(1.000)	378750	40.0000	
22	1,4-Dichlorobenzene	146	4.013	4.013	(1.006)	1702974	120.000	110
74	Benzyl Alcohol	108	4.160	4.160	(1.043)	873284	120.000	110

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1983.d
Report Date: 20-Aug-2009 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	4.166	4.166	(1.044)	1521487	120.000	100
	3 2-Methylphenol	108	4.284	4.284	(1.074)	1142077	120.000	110
	24 bis (2-chloroisopropyl) ether	45	4.284	4.284	(1.074)	2646778	120.000	110
	4 4-Methylphenol	108	4.454	4.454	(1.116)	1061342	120.000	100
	124 3 & 4 Methylphenol	108	4.454	4.454	(1.116)	1057969	120.000	100(A)
	104 Acetophenone	105	4.425	4.425	(1.109)	1620675	120.000	110
	25 N-Nitroso-di-n-propylamine	70	4.472	4.472	(1.121)	826033	120.000	110(M)
	26 Hexachloroethane	117	4.501	4.501	(1.128)	643269	120.000	110
$	76 Nitrobenzene-d5 (SUR)	82	4.572	4.572	(0.865)	1304498	120.000	110
	27 Nitrobenzene	77	4.596	4.596	(0.870)	1680047	120.000	100
	107 N,N-Dimethylaniline	120	4.596	4.596	(1.152)	1890437	120.000	100
	28 Isophorone	82	4.848	4.848	(0.918)	2217212	120.000	110
	5 2-Nitrophenol	139	4.907	4.907	(0.929)	727873	120.000	110
	6 2,4-Dimethylphenol	122	4.978	4.978	(0.942)	1027993	120.000	100
	29 bis(2-Chloroethoxy)methane	93	5.060	5.060	(0.958)	1337256	120.000	110
	15 Benzoic Acid	122	5.178	5.178	(0.980)	545251	120.000	130(A)
	7 2,4-Dichlorophenol	162	5.160	5.160	(0.977)	1025976	120.000	110
	30 1,2,4-Trichlorobenzene	180	5.231	5.231	(0.990)	1232678	120.000	110
*	80 Naphthalene-d8	136	5.284	5.284	(1.000)	1241690	40.0000	
	31 Naphthalene	128	5.307	5.307	(1.004)	3742982	120.000	110
	32 4-Chloroaniline	127	5.372	5.372	(1.017)	1356617	120.000	110
	33 Hexachlorobutadiene	225	5.443	5.443	(1.030)	687003	120.000	100
	111 Caprolactam	113	5.813	5.813	(1.100)	288098	120.000	110
	8 4-Chloro-3-methylphenol	107	5.895	5.895	(1.116)	943491	120.000	110
	34 2-Methylnaphthalene	142	6.001	6.001	(1.136)	2334093	120.000	110
	120 1-Methylnaphthalene	142	6.101	6.101	(1.155)	2292231	120.000	110
	35 Hexachlorocyclopentadiene	237	6.166	6.166	(0.876)	744517	120.000	120
	121 2-tert-Butyl-4-methylphenol	149	6.237	6.237	(1.180)	1239725	120.000	95
	9 2,4,6-Trichlorophenol	196	6.301	6.301	(0.896)	736482	120.000	120(A)
	10 2,4,5-Trichlorophenol	196	6.348	6.348	(0.902)	668869	120.000	110
$	77 2-Fluorobiphenyl (SUR)	172	6.378	6.378	(0.906)	2309650	120.000	110
	102 Diphenyl	154	6.478	6.478	(0.921)	2395716	120.000	100
	36 2-Chloronaphthalene	162	6.489	6.489	(0.922)	1966783	120.000	110
	103 Diphenyl Ether	170	6.584	6.584	(0.936)	1379445	120.000	110
	37 2-Nitroaniline	65	6.607	6.607	(0.939)	507020	120.000	92
	123 1,3-Dimethylnaphthalene	156	6.713	6.713	(0.954)	1628538	120.000	110
	38 Dimethylphthalate	163	6.795	6.795	(0.966)	1969427	120.000	110
	114 Coumarin	146	6.813	6.813	(0.968)	641229	120.000	110
	40 2,6-Dinitrotoluene	165	6.854	6.854	(0.974)	475029	120.000	120
	39 Acenaphthylene	152	6.901	6.901	(0.981)	3038122	120.000	110
	41 3-Nitroaniline	138	7.019	7.019	(0.997)	477886	120.000	110
*	82 Acenaphthene-d10	164	7.037	7.037	(1.000)	586924	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.084	7.084	(1.007)	1454004	120.000	100
	42 Acenaphthene	154	7.072	7.072	(1.005)	1691053	120.000	110
	11 2,4-Dinitrophenol	184	7.113	7.113	(1.011)	299039	120.000	120(A)
	12 4-Nitrophenol	65	7.201	7.201	(1.023)	346114	120.000	130(A)
	44 2,4-Dinitrotoluene	165	7.242	7.242	(1.029)	549278	120.000	110

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1983.d
Report Date: 20-Aug-2009 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.242	7.242	(1.029)	2470743	120.000	110
	45 Diethylphthalate	149	7.495	7.495	(1.065)	1944721	120.000	110
	47 Fluorene	166	7.578	7.578	(1.077)	1888275	120.000	100
	46 4-Chlorophenyl-phenylether	204	7.584	7.584	(1.078)	871872	120.000	100
	48 4-Nitroaniline	138	7.631	7.631	(1.084)	383341	120.000	100
	13 4,6-Dinitro-2-methylphenol	198	7.648	7.648	(0.901)	309495	120.000	120(A)
	49 N-Nitrosodiphenylamine	169	7.713	7.713	(0.909)	1432970	120.000	130(A)
	75 1,2-Diphenylhydrazine	77	7.742	7.742	(0.912)	2266120	120.000	120(A)
$	18 2,4,6-Tribromophenol (SUR)	330	7.819	7.819	(1.111)	278187	120.000	110
	50 4-Bromophenyl-phenylether	248	8.060	8.060	(0.949)	533130	120.000	120
	51 Hexachlorobenzene	284	8.125	8.125	(0.957)	586653	120.000	120
	112 Atrazine	200	8.248	8.248	(0.972)	439889	120.000	110
	14 Pentachlorophenol	266	8.319	8.319	(0.980)	374870	120.000	120(A)
	115 n-Octadecane	57	8.425	8.425	(0.992)	1443622	120.000	130(A)
*	83 Phenanthrene-d10	188	8.489	8.489	(1.000)	719399	40.0000	
	52 Phenanthrene	178	8.519	8.519	(1.003)	2424624	120.000	110
	53 Anthracene	178	8.566	8.566	(1.009)	2352362	120.000	110
	54 Carbazole	167	8.731	8.731	(1.028)	2014957	120.000	110
	55 Di-n-butylphthalate	149	9.089	9.089	(1.071)	2702049	120.000	120
	56 Fluoranthene	202	9.678	9.678	(1.140)	2096751	120.000	110
	58 Benzidine	184	9.813	9.813	(1.156)	65655	120.000	24
	57 Pyrene	202	9.895	9.895	(0.885)	2034842	120.000	130(A)
$	78 Terphenyl-d14	244	10.060	10.060	(0.900)	1241967	120.000	130(A)
	59 Butylbenzylphthalate	149	10.572	10.572	(0.946)	824621	120.000	130(A)
	60 3,3'-Dichlorobenzidine	252	11.148	11.148	(0.997)	282839	120.000	96
	61 Benzo(a)anthracene	228	11.166	11.166	(0.999)	1218661	120.000	120
*	81 Chrysene-d12	240	11.177	11.177	(1.000)	362743	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.242	11.242	(1.006)	1065177	120.000	130(A)
	62 Chrysene	228	11.213	11.213	(1.003)	1084184	120.000	110
	64 Di-n-octylphthalate	149	12.054	12.054	(0.928)	1356836	120.000	130(A)
	65 Benzo(b)fluoranthene	252	12.507	12.507	(0.962)	831475	120.000	120(A)
	66 Benzo(k)fluoranthene	252	12.542	12.542	(0.965)	812756	120.000	110
	67 Benzo(a)pyrene	252	12.924	12.924	(0.995)	661113	120.000	120(A)
*	84 Perylene-d12	264	12.995	12.995	(1.000)	211234	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.413	14.413	(1.109)	554751	120.000	140(A)
	69 Dibenz(a,h)anthracene	278	14.448	14.448	(1.112)	551371	120.000	120(A)
	70 Benzo(g,h,i)perylene	276	14.783	14.783	(1.138)	540585	120.000	140(A)

QC Flag Legend

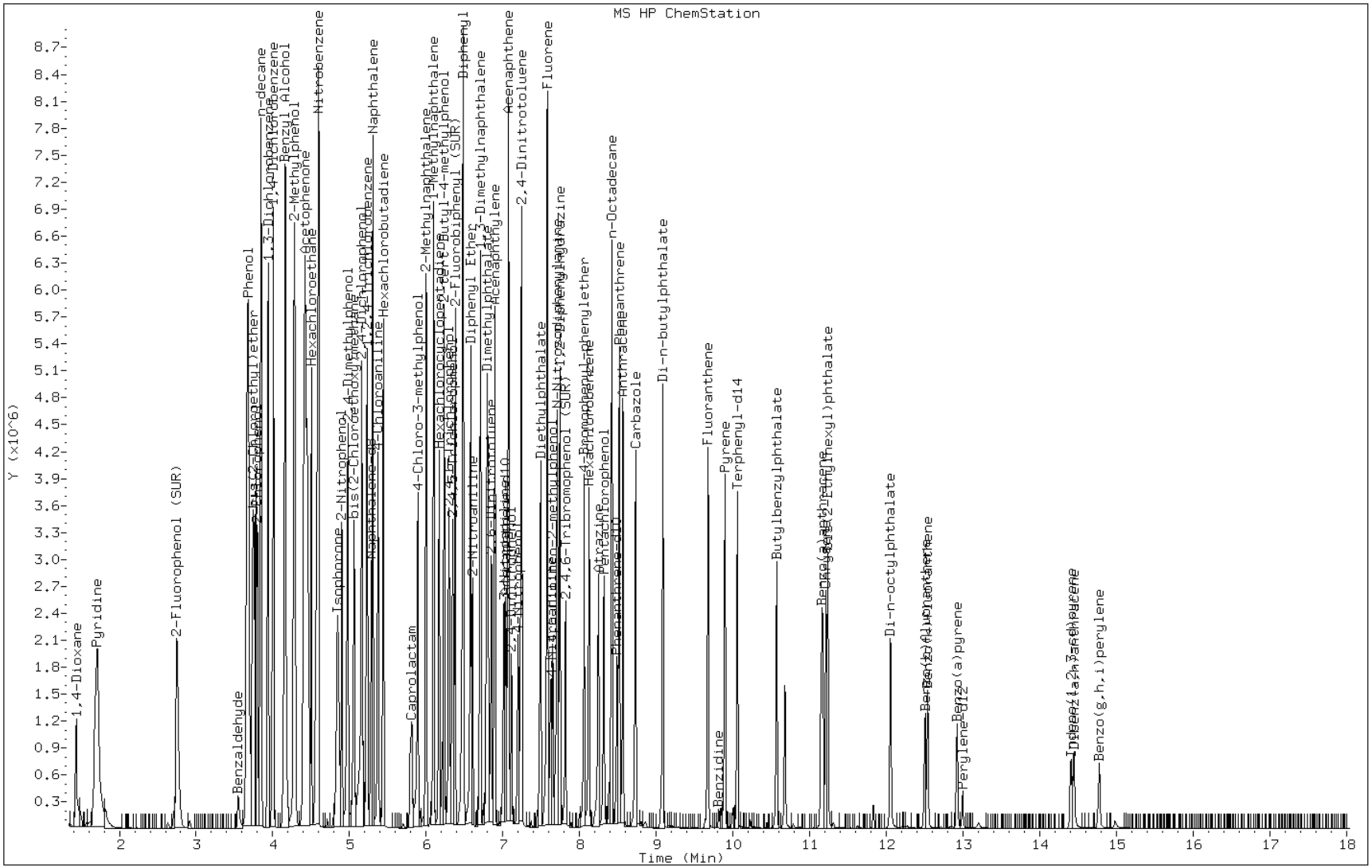
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x1983.d

Date: 19-AUG-2009 01:42

Client ID: Instrument: BNAMS5.i

Sample Info: IC-154124 Operator: BNAMS 4



Manual Integration Report

Data File: x1983.d
Inj. Date and Time: 19-AUG-2009 01:42
Instrument ID: BNAMS5.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 08/20/2009

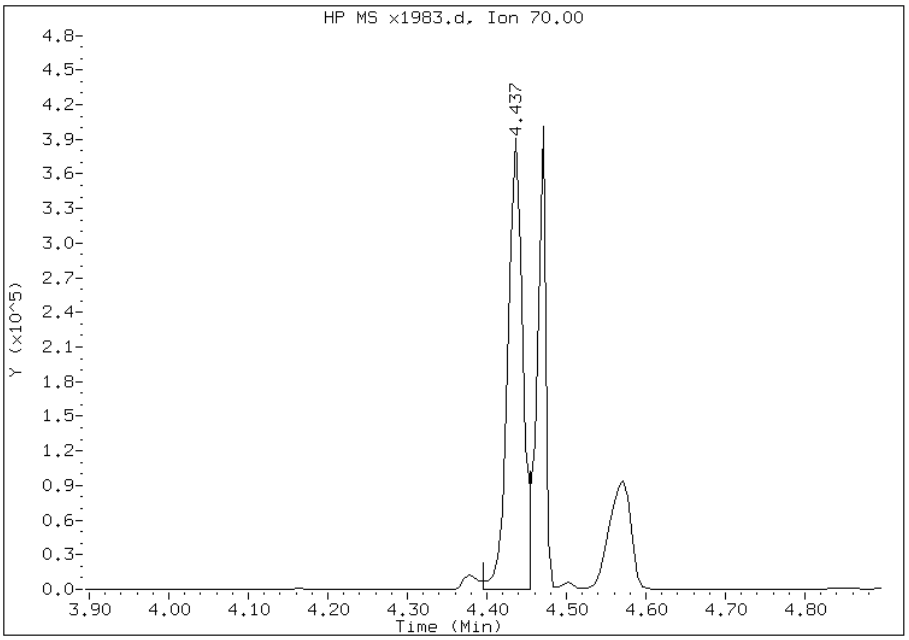
Processing Integration Results

RT: 4.44

Response: 519869

Amount: 111

Conc: 111



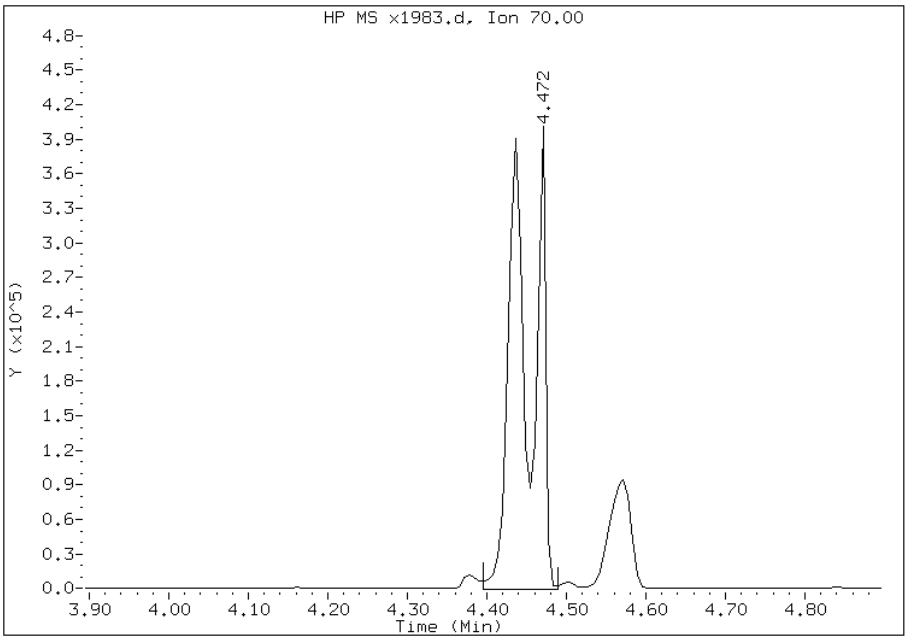
Manual Integration Results

RT: 4.47

Response: 826033

Amount: 114

Conc: 114



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1984.d
Report Date: 20-Aug-2009 10:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1984.d
Lab Smp Id: IC-154121
Inj Date : 19-AUG-2009 02:06
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-154121
Misc Info : 5 ppm 4392 bna
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/8270C_08SP.m
Meth Date : 20-Aug-2009 10:10 rusin Quant Type: ISTD
Cal Date : 19-AUG-2009 01:06 Cal File: x1982.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.396	1.396	(0.351)	31201	5.00000	5.2(H)
	19 N-Nitrosodimethylamine	74	1.602	1.602	(0.403)	39441	5.00000	4.8(a)
	71 Pyridine	79	1.631	1.631	(0.410)	68665	5.00000	4.8(a)
$	16 2-Fluorophenol (SUR)	112	2.701	2.701	(0.679)	68630	5.00000	5.1
	110 Benzaldehyde	77	3.525	3.525	(0.886)	30114	5.00000	5.2
$	17 Phenol-d5 (SUR)	99	3.613	3.613	(0.908)	80017	5.00000	5.4
	1 Phenol	94	3.625	3.625	(0.911)	91472	5.00000	5.6(H)
	73 Aniline	93	3.643	3.643	(0.916)	94830	5.00000	5.2
	20 bis(2-Chloroethyl)ether	93	3.707	3.707	(0.932)	6899	0.50000	0.52
	2 2-Chlorophenol	128	3.760	3.760	(0.945)	76282	5.00000	5.4
	113 n-decane	43	3.831	3.831	(0.963)	106729	5.00000	5.0
	21 1,3-Dichlorobenzene	146	3.919	3.919	(0.985)	91829	5.00000	5.4
*	79 1,4-Dichlorobenzene-d4	152	3.978	3.978	(1.000)	400515	40.0000	
	22 1,4-Dichlorobenzene	146	3.990	3.990	(1.003)	92132	5.00000	5.5
	74 Benzyl Alcohol	108	4.119	4.119	(1.035)	38130	5.00000	4.6(a)

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1984.d
Report Date: 20-Aug-2009 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	4.148	4.148	(1.043)	86721	5.00000	5.6
	3 2-Methylphenol	108	4.243	4.243	(1.067)	60432	5.00000	5.4
	24 bis (2-chloroisopropyl) ether	45	4.260	4.260	(1.071)	125601	5.00000	5.2
	4 4-Methylphenol	108	4.401	4.401	(1.106)	64025	5.00000	5.9(H)
	124 3 & 4 Methylphenol	108	4.401	4.401	(1.106)	64424	5.00000	5.9(aAH)
	104 Acetophenone	105	4.384	4.384	(1.102)	91055	5.00000	5.6
	25 N-Nitroso-di-n-propylamine	70	4.395	4.395	(1.105)	4317	0.50000	0.56(H)
	26 Hexachloroethane	117	4.490	4.490	(1.129)	3404	0.50000	0.54
$	76 Nitrobenzene-d5 (SUR)	82	4.537	4.537	(0.861)	65184	5.00000	5.1
	27 Nitrobenzene	77	4.554	4.554	(0.865)	9482	0.50000	0.55
	107 N,N-Dimethylaniline	120	4.566	4.566	(1.148)	11658	0.50000	0.60
	28 Isophorone	82	4.801	4.801	(0.912)	115139	5.00000	5.3
	5 2-Nitrophenol	139	4.884	4.884	(0.927)	36074	5.00000	5.2
	6 2,4-Dimethylphenol	122	4.943	4.943	(0.939)	58580	5.00000	5.5
	29 bis(2-Chloroethoxy)methane	93	5.037	5.037	(0.956)	70390	5.00000	5.4
	15 Benzoic Acid	122	5.025	5.025	(0.954)	19498	5.00000	4.2(aH)
	7 2,4-Dichlorophenol	162	5.131	5.131	(0.974)	56857	5.00000	5.6
	30 1,2,4-Trichlorobenzene	180	5.213	5.213	(0.990)	6832	0.50000	0.56
*	80 Naphthalene-d8	136	5.266	5.266	(1.000)	1346886	40.0000	
	31 Naphthalene	128	5.290	5.290	(1.004)	203808	5.00000	5.5
	32 4-Chloroaniline	127	5.354	5.354	(1.017)	69638	5.00000	5.2
	33 Hexachlorobutadiene	225	5.431	5.431	(1.031)	8211	1.00000	1.1
	111 Caprolactam	113	5.672	5.672	(1.077)	13740	5.00000	5.0(H)
	8 4-Chloro-3-methylphenol	107	5.860	5.860	(1.113)	48167	5.00000	5.3
	34 2-Methylnaphthalene	142	5.989	5.989	(1.137)	124954	5.00000	5.5
	120 1-Methylnaphthalene	142	6.084	6.084	(1.155)	118516	5.00000	5.3
	35 Hexachlorocyclopentadiene	237	6.160	6.160	(0.877)	34714	5.00000	4.9(a)
	121 2-tert-Butyl-4-methylphenol	149	6.213	6.213	(1.180)	79913	5.00000	5.6
	9 2,4,6-Trichlorophenol	196	6.278	6.278	(0.894)	34452	5.00000	5.1
	10 2,4,5-Trichlorophenol	196	6.313	6.313	(0.899)	36842	5.00000	5.5
$	77 2-Fluorobiphenyl (SUR)	172	6.360	6.360	(0.905)	123909	5.00000	5.3
	102 Diphenyl	154	6.460	6.460	(0.920)	144425	5.00000	5.6
	36 2-Chloronaphthalene	162	6.472	6.472	(0.921)	112586	5.00000	5.6
	103 Diphenyl Ether	170	6.566	6.566	(0.935)	77769	5.00000	5.5
	37 2-Nitroaniline	65	6.578	6.578	(0.936)	63565	10.0000	10
	123 1,3-Dimethylnaphthalene	156	6.695	6.695	(0.953)	88409	5.00000	5.4
	38 Dimethylphthalate	163	6.772	6.772	(0.964)	107368	5.00000	5.4
	114 Coumarin	146	6.778	6.778	(0.965)	35296	5.00000	5.4
	40 2,6-Dinitrotoluene	165	6.825	6.825	(0.972)	4557	1.00000	0.98(a)
	39 Acenaphthylene	152	6.878	6.878	(0.979)	172653	5.00000	5.4
	41 3-Nitroaniline	138	6.989	6.989	(0.995)	50673	10.0000	10
*	82 Acenaphthene-d10	164	7.025	7.025	(1.000)	663293	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.066	7.066	(1.006)	89155	5.00000	5.7
	42 Acenaphthene	154	7.054	7.054	(1.004)	100536	5.00000	5.6
	11 2,4-Dinitrophenol	184	7.089	7.089	(1.009)	27479	15.0000	10(a)
	12 4-Nitrophenol	65	7.172	7.172	(1.021)	43679	15.0000	14(a)
	44 2,4-Dinitrotoluene	165	7.219	7.219	(1.028)	6406	1.00000	1.1

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1984.d
Report Date: 20-Aug-2009 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.225	7.225	(1.028)	143989	5.00000	5.6
	45 Diethylphthalate	149	7.472	7.472	(1.064)	104420	5.00000	5.3
	47 Fluorene	166	7.560	7.560	(1.076)	113265	5.00000	5.6
	46 4-Chlorophenyl-phenylether	204	7.572	7.572	(1.078)	53886	5.00000	5.6
	48 4-Nitroaniline	138	7.584	7.584	(1.080)	40328	10.0000	9.7(a)
	13 4,6-Dinitro-2-methylphenol	198	7.619	7.619	(0.898)	43223	15.0000	14(a)
	49 N-Nitrosodiphenylamine	169	7.689	7.689	(0.906)	70451	5.00000	5.2
	75 1,2-Diphenylhydrazine	77	7.725	7.725	(0.911)	116125	5.00000	5.2
$	18 2,4,6-Tribromophenol (SUR)	330	7.801	7.801	(1.111)	14420	5.00000	5.2
	50 4-Bromophenyl-phenylether	248	8.048	8.048	(0.949)	28997	5.00000	5.2
	51 Hexachlorobenzene	284	8.107	8.107	(0.956)	3408	0.50000	0.55
	112 Atrazine	200	8.219	8.219	(0.969)	24939	5.00000	5.3
	14 Pentachlorophenol	266	8.307	8.307	(0.979)	52563	15.0000	14(a)
	115 n-Octadecane	57	8.413	8.413	(0.992)	67061	5.00000	4.8(a)
*	83 Phenanthrene-d10	188	8.483	8.483	(1.000)	887090	40.0000	
	52 Phenanthrene	178	8.501	8.501	(1.002)	141088	5.00000	5.4
	53 Anthracene	178	8.548	8.548	(1.008)	143329	5.00000	5.4
	54 Carbazole	167	8.713	8.713	(1.027)	118739	5.00000	5.3
	55 Di-n-butylphthalate	149	9.078	9.078	(1.070)	148358	5.00000	5.2
	56 Fluoranthene	202	9.666	9.666	(1.139)	130509	5.00000	5.5
	58 Benzidine	184	9.813	9.813	(1.157)	9270	5.00000	2.8(a)
	57 Pyrene	202	9.883	9.883	(0.885)	133697	5.00000	4.8(a)
$	78 Terphenyl-d14	244	10.048	10.048	(0.900)	78928	5.00000	4.8(a)
	59 Butylbenzylphthalate	149	10.560	10.560	(0.946)	49398	5.00000	4.5(a)
	60 3,3'-Dichlorobenzidine	252	11.136	11.136	(0.997)	52974	10.0000	10
	61 Benzo(a)anthracene	228	11.154	11.154	(0.999)	10396	0.50000	0.57
*	81 Chrysene-d12	240	11.166	11.166	(1.000)	628630	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.230	11.230	(1.006)	68173	5.00000	4.7(a)
	62 Chrysene	228	11.195	11.195	(1.003)	89898	5.00000	5.4
	64 Di-n-octylphthalate	149	12.048	12.048	(0.928)	81711	5.00000	3.9(a)
	65 Benzo(b)fluoranthene	252	12.489	12.489	(0.962)	6562	0.50000	0.49(a)
	66 Benzo(k)fluoranthene	252	12.524	12.524	(0.964)	7173	0.50000	0.50
	67 Benzo(a)pyrene	252	12.913	12.913	(0.994)	5562	0.50000	0.51
*	84 Perylene-d12	264	12.989	12.989	(1.000)	419304	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.389	14.389	(1.108)	3842	0.50000	0.49(aM)
	69 Dibenz(a,h)anthracene	278	14.430	14.430	(1.111)	2811	0.50000	0.32(a)
	70 Benzo(g,h,i)perylene	276	14.754	14.754	(1.136)	34629	5.00000	4.4(a)

QC Flag Legend

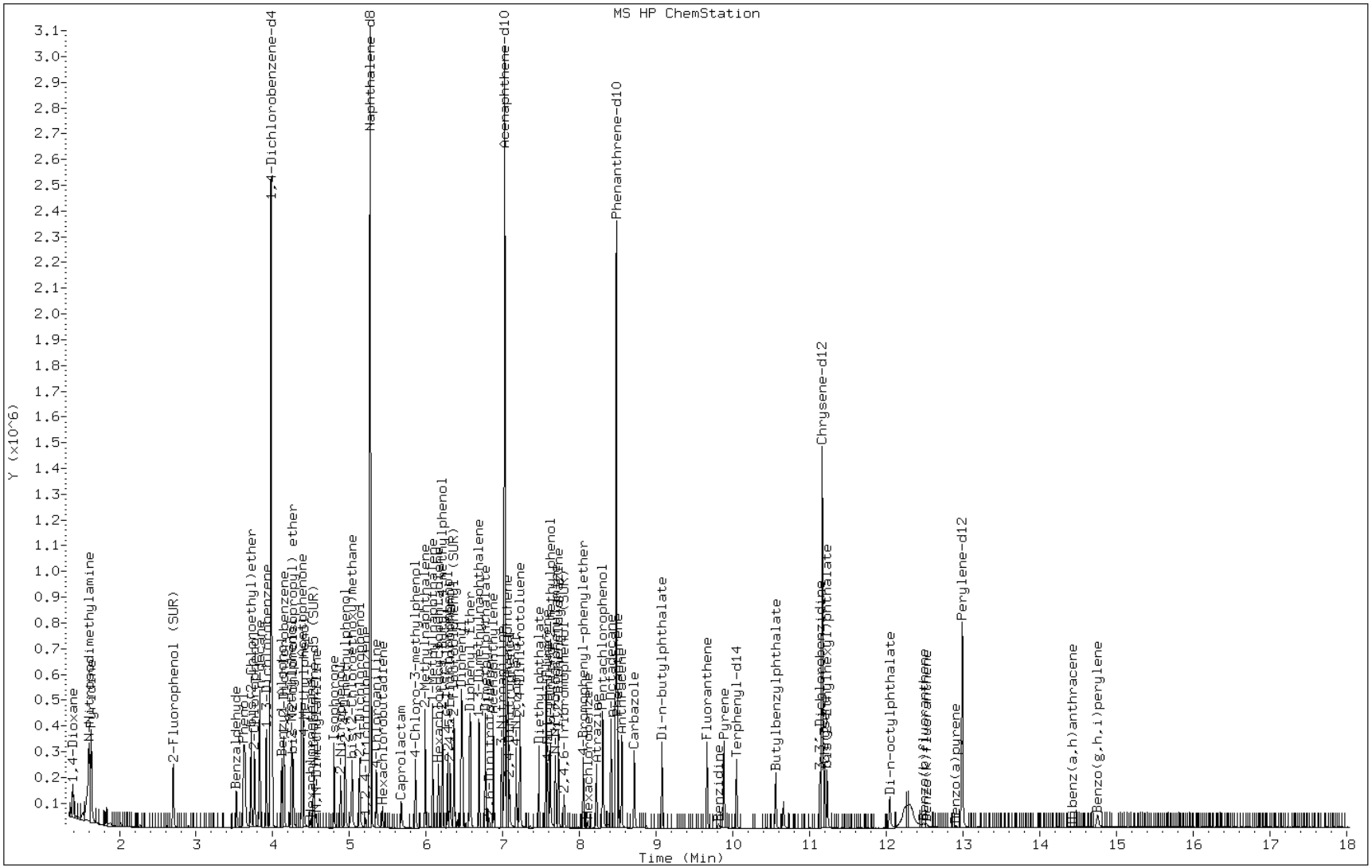
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x1984.d

Date: 19-AUG-2009 02:06

Client ID: Instrument: BNAMS5.i

Sample Info: IC-154121 Operator: BNAMS 4



Manual Integration Report

Data File: x1984.d
Inj. Date and Time: 19-AUG-2009 02:06
Instrument ID: BNAMS5.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 08/20/2009

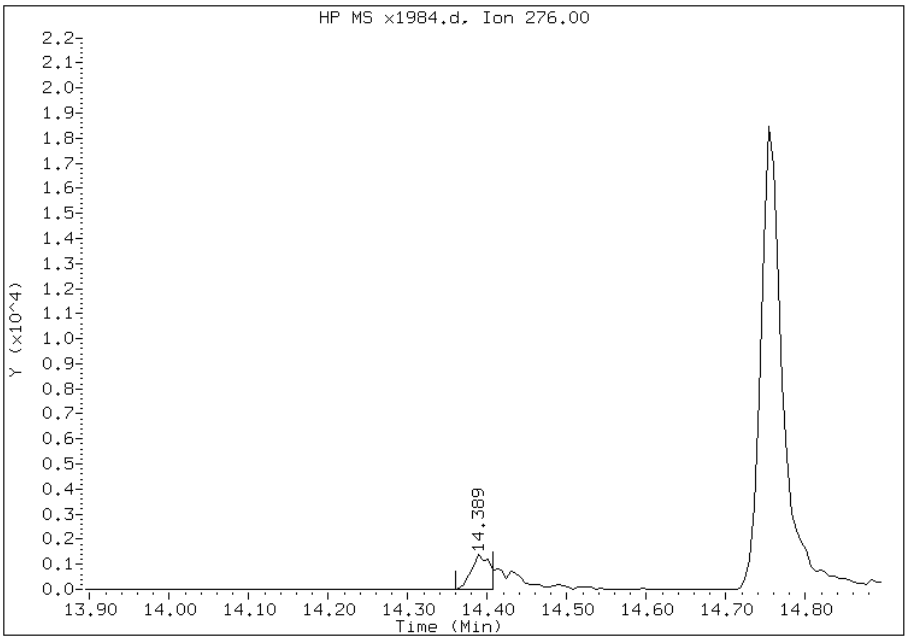
Processing Integration Results

RT: 14.39

Response: 2211

Amount: 0

Conc: 0



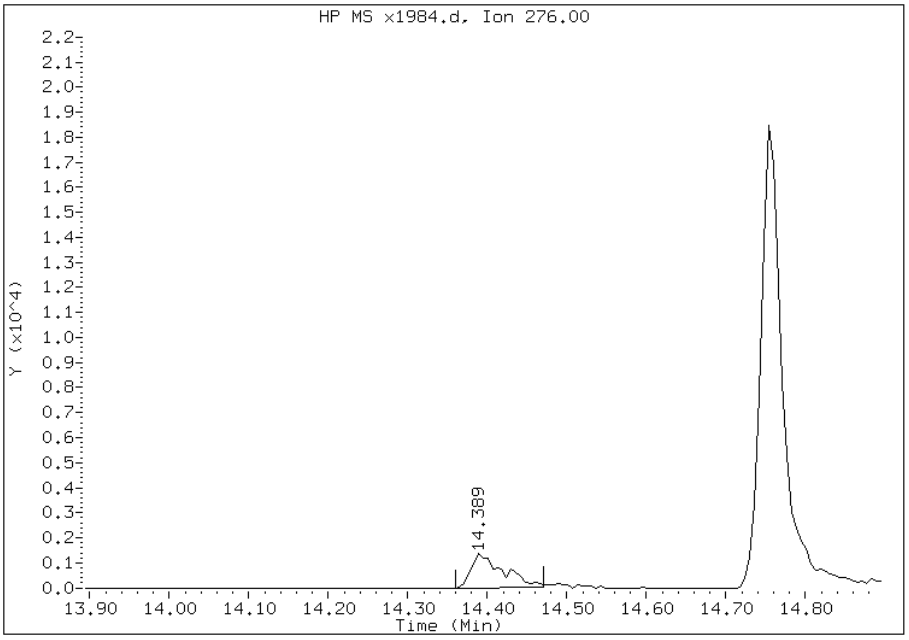
Manual Integration Results

RT: 14.39

Response: 3842

Amount: 0

Conc: 0



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1985.d
Report Date: 20-Aug-2009 10:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1985.d
Lab Smp Id: IC-154123
Inj Date : 19-AUG-2009 02:31
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-154123
Misc Info : 80 ppm bna 4392
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/8270C_08SP.m
Meth Date : 20-Aug-2009 10:10 rusin Quant Type: ISTD
Cal Date : 19-AUG-2009 01:06 Cal File: x1982.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.402	1.402	(0.352)	411727	80.0000	76(H)
	19 N-Nitrosodimethylamine	74	1.619	1.619	(0.406)	572123	80.0000	78
	71 Pyridine	79	1.643	1.643	(0.412)	982990	80.0000	76
$	16 2-Fluorophenol (SUR)	112	2.713	2.713	(0.681)	890793	80.0000	74
	110 Benzaldehyde	77	3.537	3.537	(0.888)	247043	80.0000	47
$	17 Phenol-d5 (SUR)	99	3.649	3.649	(0.916)	947388	80.0000	71
	1 Phenol	94	3.666	3.666	(0.920)	1041867	80.0000	71(H)
	73 Aniline	93	3.654	3.654	(0.917)	1209594	80.0000	73
	20 bis(2-Chloroethyl)ether	93	3.731	3.731	(0.936)	874554	80.0000	73
	2 2-Chlorophenol	128	3.784	3.784	(0.950)	926887	80.0000	73
	113 n-decane	43	3.843	3.843	(0.965)	1435791	80.0000	75
	21 1,3-Dichlorobenzene	146	3.931	3.931	(0.987)	1128554	80.0000	73
*	79 1,4-Dichlorobenzene-d4	152	3.984	3.984	(1.000)	361114	40.0000	
	22 1,4-Dichlorobenzene	146	4.001	4.001	(1.004)	1096256	80.0000	72
	74 Benzyl Alcohol	108	4.143	4.143	(1.040)	557502	80.0000	75

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1985.d
Report Date: 20-Aug-2009 10:10

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.154	4.154	(1.043)	1006582	80.0000	72
	3 2-Methylphenol	108	4.266	4.266	(1.071)	718996	80.0000	72
	24 bis (2-chloroisopropyl) ether	45	4.272	4.272	(1.072)	1668920	80.0000	76
	4 4-Methylphenol	108	4.431	4.431	(1.112)	674894	80.0000	69
	124 3 & 4 Methylphenol	108	4.431	4.431	(1.112)	674894	80.0000	69(AH)
	104 Acetophenone	105	4.407	4.407	(1.106)	1040223	80.0000	72
	25 N-Nitroso-di-n-propylamine	70	4.419	4.419	(1.109)	445698	80.0000	65(H)
	26 Hexachloroethane	117	4.496	4.496	(1.128)	419810	80.0000	73
$	76 Nitrobenzene-d5 (SUR)	82	4.554	4.554	(0.863)	841600	80.0000	75
	27 Nitrobenzene	77	4.578	4.578	(0.867)	1112025	80.0000	73
	107 N,N-Dimethylaniline	120	4.584	4.584	(1.151)	1232151	80.0000	70
	28 Isophorone	82	4.825	4.825	(0.914)	1485795	80.0000	77
	5 2-Nitrophenol	139	4.896	4.896	(0.928)	464673	80.0000	76
	6 2,4-Dimethylphenol	122	4.960	4.960	(0.940)	696206	80.0000	74
	29 bis(2-Chloroethoxy)methane	93	5.048	5.048	(0.957)	869731	80.0000	75
	15 Benzoic Acid	122	5.137	5.137	(0.973)	317687	80.0000	77(MH)
	7 2,4-Dichlorophenol	162	5.148	5.148	(0.975)	656640	80.0000	73
	30 1,2,4-Trichlorobenzene	180	5.225	5.225	(0.990)	791975	80.0000	73
*	80 Naphthalene-d8	136	5.278	5.278	(1.000)	1191708	40.0000	
	31 Naphthalene	128	5.296	5.296	(1.003)	2421079	80.0000	74
	32 4-Chloroaniline	127	5.360	5.360	(1.016)	884808	80.0000	74
	33 Hexachlorobutadiene	225	5.437	5.437	(1.030)	458177	80.0000	72
	111 Caprolactam	113	5.778	5.778	(1.095)	193108	80.0000	79
	8 4-Chloro-3-methylphenol	107	5.878	5.878	(1.114)	635407	80.0000	79
	34 2-Methylnaphthalene	142	5.995	5.995	(1.136)	1472827	80.0000	73
	120 1-Methylnaphthalene	142	6.095	6.095	(1.155)	1409397	80.0000	72
	35 Hexachlorocyclopentadiene	237	6.160	6.160	(0.876)	484799	80.0000	77
	121 2-tert-Butyl-4-methylphenol	149	6.225	6.225	(1.179)	916793	80.0000	73
	9 2,4,6-Trichlorophenol	196	6.290	6.290	(0.895)	438993	80.0000	74
	10 2,4,5-Trichlorophenol	196	6.331	6.331	(0.900)	425704	80.0000	72
$	77 2-Fluorobiphenyl (SUR)	172	6.372	6.372	(0.906)	1482710	80.0000	72
	102 Diphenyl	154	6.466	6.466	(0.920)	1603393	80.0000	71
	36 2-Chloronaphthalene	162	6.484	6.484	(0.922)	1290106	80.0000	72
	103 Diphenyl Ether	170	6.572	6.572	(0.935)	921625	80.0000	74
	37 2-Nitroaniline	65	6.595	6.595	(0.938)	440604	80.0000	80
	123 1,3-Dimethylnaphthalene	156	6.701	6.701	(0.953)	1056236	80.0000	73
	38 Dimethylphthalate	163	6.790	6.790	(0.966)	1303512	80.0000	74
	114 Coumarin	146	6.795	6.795	(0.967)	420208	80.0000	73
	40 2,6-Dinitrotoluene	165	6.842	6.842	(0.973)	319075	80.0000	78
	39 Acenaphthylene	152	6.890	6.890	(0.980)	2033715	80.0000	73
	41 3-Nitroaniline	138	7.001	7.001	(0.996)	332114	80.0000	77
*	82 Acenaphthene-d10	164	7.031	7.031	(1.000)	584042	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.072	7.072	(1.006)	958103	80.0000	69
	42 Acenaphthene	154	7.066	7.066	(1.005)	1150151	80.0000	73
	11 2,4-Dinitrophenol	184	7.101	7.101	(1.010)	188630	80.0000	78
	12 4-Nitrophenol	65	7.189	7.189	(1.023)	224891	80.0000	82
	44 2,4-Dinitrotoluene	165	7.231	7.231	(1.028)	372978	80.0000	74

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1985.d
Report Date: 20-Aug-2009 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.237	7.237	(1.029)	1638320	80.0000	72
	45 Diethylphthalate	149	7.484	7.484	(1.064)	1330169	80.0000	76
	47 Fluorene	166	7.572	7.572	(1.077)	1274374	80.0000	72
	46 4-Chlorophenyl-phenylether	204	7.578	7.578	(1.078)	597926	80.0000	71
	48 4-Nitroaniline	138	7.613	7.613	(1.083)	292684	80.0000	80(H)
	13 4,6-Dinitro-2-methylphenol	198	7.637	7.637	(0.900)	220361	80.0000	83
	49 N-Nitrosodiphenylamine	169	7.701	7.701	(0.908)	824906	80.0000	72
	75 1,2-Diphenylhydrazine	77	7.737	7.737	(0.912)	1408235	80.0000	74
$	18 2,4,6-Tribromophenol (SUR)	330	7.813	7.813	(1.111)	188657	80.0000	77
	50 4-Bromophenyl-phenylether	248	8.054	8.054	(0.949)	358238	80.0000	75
	51 Hexachlorobenzene	284	8.119	8.119	(0.957)	392919	80.0000	75
	112 Atrazine	200	8.236	8.236	(0.971)	302306	80.0000	76
	14 Pentachlorophenol	266	8.313	8.313	(0.980)	251700	80.0000	80
	115 n-Octadecane	57	8.419	8.419	(0.992)	924024	80.0000	78
*	83 Phenanthrene-d10	188	8.484	8.484	(1.000)	748377	40.0000	
	52 Phenanthrene	178	8.513	8.513	(1.003)	1634606	80.0000	74
	53 Anthracene	178	8.560	8.560	(1.009)	1652544	80.0000	74
	54 Carbazole	167	8.725	8.725	(1.028)	1398400	80.0000	74
	55 Di-n-butylphthalate	149	9.084	9.084	(1.071)	1861693	80.0000	77
	56 Fluoranthene	202	9.672	9.672	(1.140)	1520696	80.0000	76
	58 Benzidine	184	9.807	9.807	(1.156)	77960	80.0000	27
	57 Pyrene	202	9.889	9.889	(0.885)	1501046	80.0000	74
$	78 Terphenyl-d14	244	10.054	10.054	(0.899)	894020	80.0000	74
	59 Butylbenzylphthalate	149	10.566	10.566	(0.945)	636256	80.0000	79
	60 3,3'-Dichlorobenzidine	252	11.142	11.142	(0.997)	271133	80.0000	72
	61 Benzo(a)anthracene	228	11.160	11.160	(0.998)	999445	80.0000	76
*	81 Chrysene-d12	240	11.177	11.177	(1.000)	459784	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.236	11.236	(1.005)	854622	80.0000	81
	62 Chrysene	228	11.207	11.207	(1.003)	925365	80.0000	76
	64 Di-n-octylphthalate	149	12.054	12.054	(0.928)	1221158	80.0000	88
	65 Benzo(b)fluoranthene	252	12.495	12.495	(0.962)	677329	80.0000	77
	66 Benzo(k)fluoranthene	252	12.536	12.536	(0.965)	752648	80.0000	80
	67 Benzo(a)pyrene	252	12.919	12.919	(0.994)	576985	80.0000	79
*	84 Perylene-d12	264	12.995	12.995	(1.000)	278604	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.407	14.407	(1.109)	433740	80.0000	84
	69 Dibenz(a,h)anthracene	278	14.442	14.442	(1.111)	442385	80.0000	75
	70 Benzo(g,h,i)perylene	276	14.777	14.777	(1.137)	432144	80.0000	82

QC Flag Legend

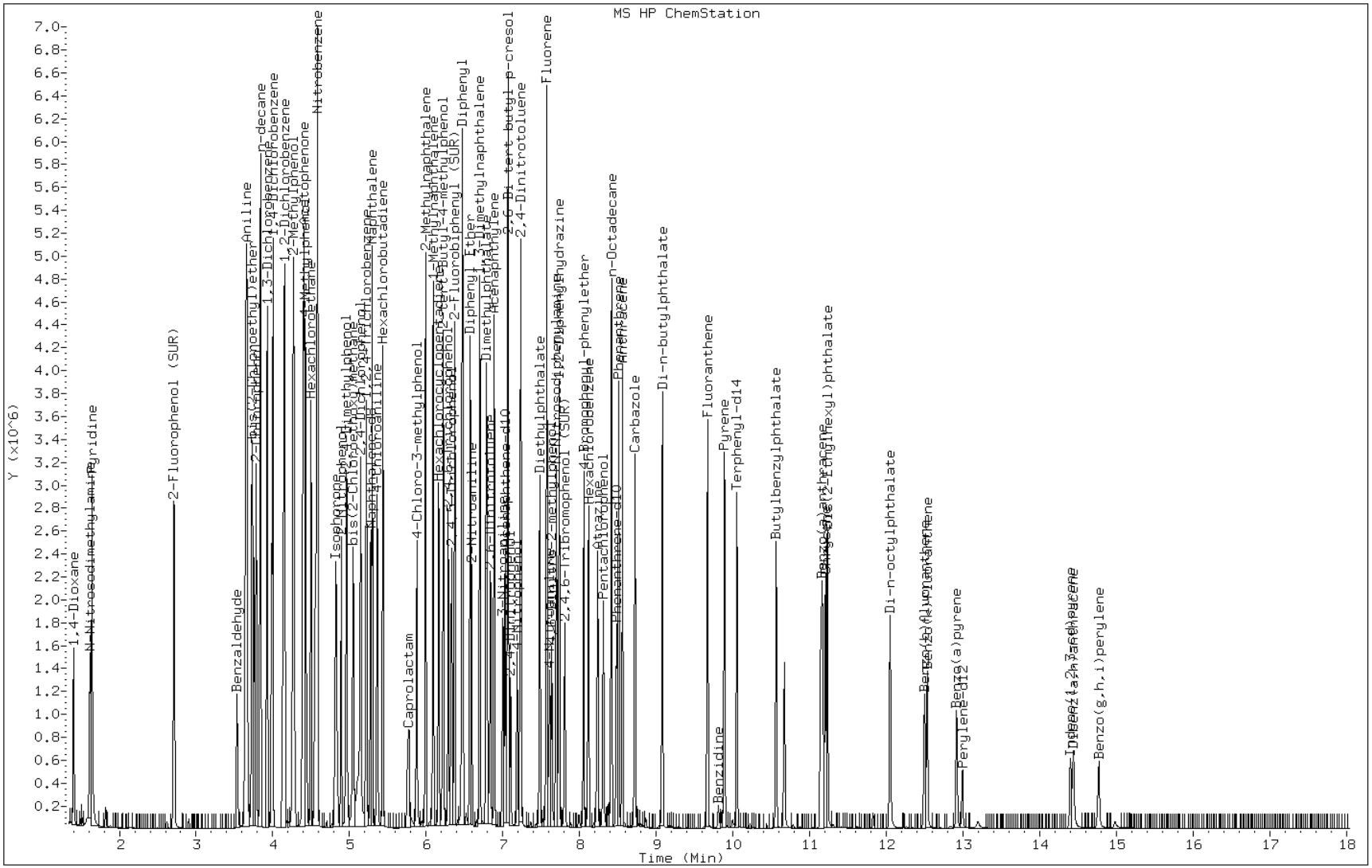
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x1985.d

Date: 19-AUG-2009 02:31

Client ID: Instrument: BNAMS5.i

Sample Info: IC-154123 Operator: BNAMS 4



Manual Integration Report

Data File: x1985.d
Inj. Date and Time: 19-AUG-2009 02:31
Instrument ID: BNAMS5.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 08/20/2009

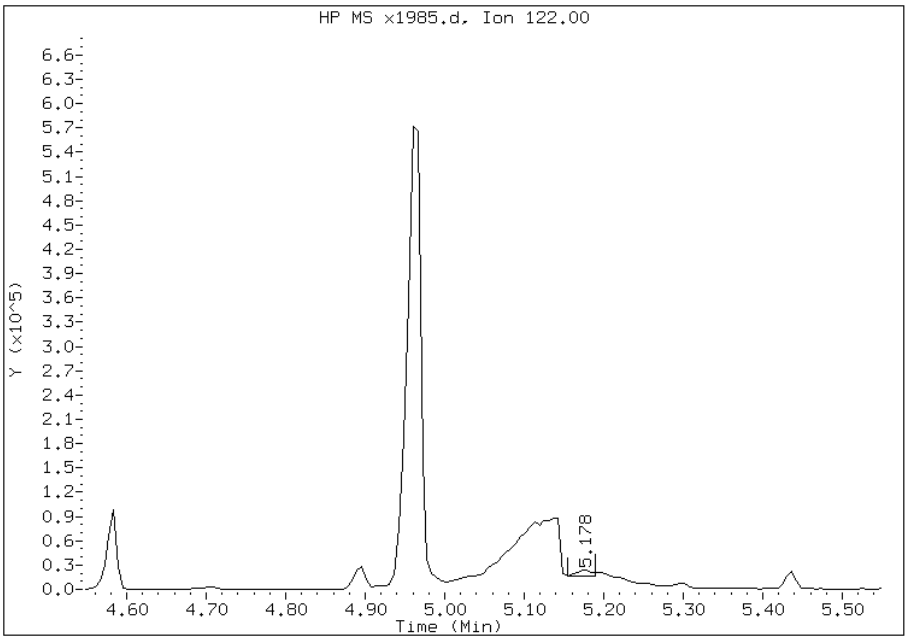
Processing Integration Results

RT: 5.18

Response: 9789

Amount: 3

Conc: 3



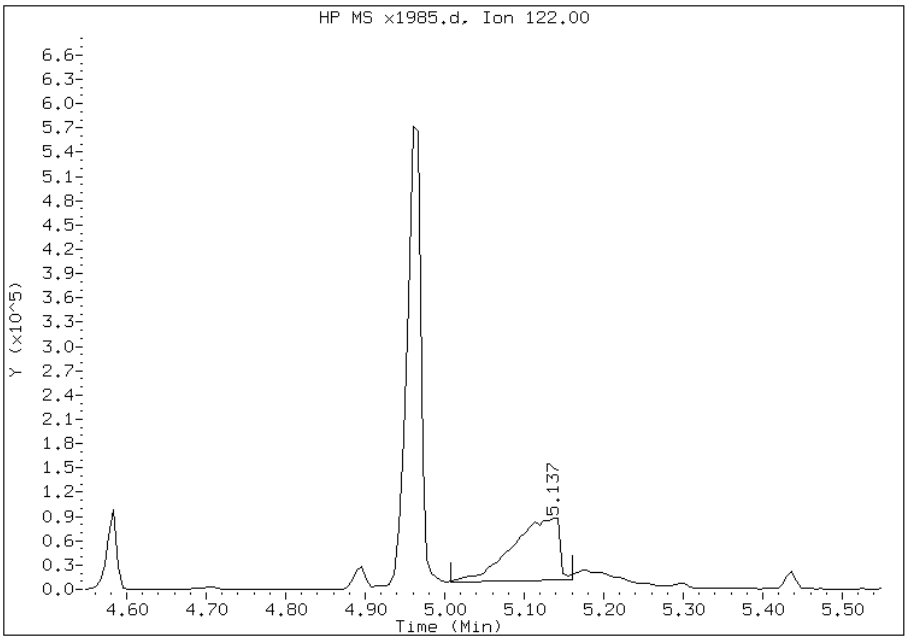
Manual Integration Results

RT: 5.14

Response: 317687

Amount: 77

Conc: 77



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1986.d
Report Date: 20-Aug-2009 10:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1986.d
Lab Smp Id: IC-154122
Inj Date : 19-AUG-2009 02:55
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-154122
Misc Info : 20 ppm bna4392
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/8270C_08SP.m
Meth Date : 20-Aug-2009 10:10 rusin Quant Type: ISTD
Cal Date : 19-AUG-2009 01:06 Cal File: x1982.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.396	1.396	(0.351)	119142	20.0000	20
	19 N-Nitrosodimethylamine	74	1.596	1.596	(0.401)	163429	20.0000	20
	71 Pyridine	79	1.625	1.625	(0.409)	289474	20.0000	20
$	16 2-Fluorophenol (SUR)	112	2.702	2.702	(0.679)	273019	20.0000	20
	110 Benzaldehyde	77	3.531	3.531	(0.888)	132137	20.0000	22
$	17 Phenol-d5 (SUR)	99	3.625	3.625	(0.911)	302264	20.0000	20
	1 Phenol	94	3.637	3.637	(0.914)	343829	20.0000	21(H)
	73 Aniline	93	3.643	3.643	(0.916)	389952	20.0000	21
	20 bis(2-Chloroethyl)ether	93	3.713	3.713	(0.933)	259774	20.0000	20
	2 2-Chlorophenol	128	3.766	3.766	(0.947)	305319	20.0000	22
	113 n-decane	43	3.831	3.831	(0.963)	434597	20.0000	20
	21 1,3-Dichlorobenzene	146	3.919	3.919	(0.985)	350594	20.0000	20
*	79 1,4-Dichlorobenzene-d4	152	3.978	3.978	(1.000)	400683	40.0000	
	22 1,4-Dichlorobenzene	146	3.996	3.996	(1.004)	350984	20.0000	21
	74 Benzyl Alcohol	108	4.125	4.125	(1.037)	178684	20.0000	22

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1986.d
Report Date: 20-Aug-2009 10:10

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.149	4.149	(1.043)	325027	20.0000	21
	3 2-Methylphenol	108	4.249	4.249	(1.068)	239888	20.0000	22
	24 bis (2-chloroisopropyl) ether	45	4.266	4.266	(1.072)	493125	20.0000	20
	4 4-Methylphenol	108	4.407	4.407	(1.108)	237643	20.0000	22
	124 3 & 4 Methylphenol	108	4.407	4.407	(1.108)	241242	20.0000	22(AH)
	104 Acetophenone	105	4.390	4.390	(1.103)	335234	20.0000	21
	25 N-Nitroso-di-n-propylamine	70	4.401	4.401	(1.106)	160117	20.0000	21
	26 Hexachloroethane	117	4.490	4.490	(1.129)	133489	20.0000	21
$	76 Nitrobenzene-d5 (SUR)	82	4.543	4.543	(0.862)	274239	20.0000	22
	27 Nitrobenzene	77	4.560	4.560	(0.865)	359474	20.0000	21
	107 N,N-Dimethylaniline	120	4.566	4.566	(1.148)	397217	20.0000	20
	28 Isophorone	82	4.807	4.807	(0.912)	446398	20.0000	20
	5 2-Nitrophenol	139	4.884	4.884	(0.926)	145186	20.0000	21
	6 2,4-Dimethylphenol	122	4.949	4.949	(0.939)	226388	20.0000	21
	29 bis(2-Chloroethoxy)methane	93	5.037	5.037	(0.955)	267346	20.0000	20
	15 Benzoic Acid	122	5.072	5.072	(0.962)	111123	20.0000	24(H)
	7 2,4-Dichlorophenol	162	5.137	5.137	(0.974)	216523	20.0000	21
	30 1,2,4-Trichlorobenzene	180	5.219	5.219	(0.990)	249930	20.0000	20
*	80 Naphthalene-d8	136	5.272	5.272	(1.000)	1345980	40.0000	
	31 Naphthalene	128	5.290	5.290	(1.003)	762900	20.0000	20
	32 4-Chloroaniline	127	5.354	5.354	(1.016)	289104	20.0000	21
	33 Hexachlorobutadiene	225	5.431	5.431	(1.030)	152458	20.0000	21
	111 Caprolactam	113	5.707	5.707	(1.083)	60036	20.0000	22(H)
	8 4-Chloro-3-methylphenol	107	5.866	5.866	(1.113)	188543	20.0000	21
	34 2-Methylnaphthalene	142	5.990	5.990	(1.136)	466114	20.0000	20
	120 1-Methylnaphthalene	142	6.090	6.090	(1.155)	465410	20.0000	21
	35 Hexachlorocyclopentadiene	237	6.160	6.160	(0.877)	144049	20.0000	20
	121 2-tert-Butyl-4-methylphenol	149	6.213	6.213	(1.179)	303290	20.0000	21
	9 2,4,6-Trichlorophenol	196	6.284	6.284	(0.894)	136094	20.0000	20
	10 2,4,5-Trichlorophenol	196	6.319	6.319	(0.900)	139056	20.0000	21
$	77 2-Fluorobiphenyl (SUR)	172	6.366	6.366	(0.906)	499227	20.0000	21
	102 Diphenyl	154	6.460	6.460	(0.920)	533814	20.0000	21
	36 2-Chloronaphthalene	162	6.472	6.472	(0.921)	418233	20.0000	20
	103 Diphenyl Ether	170	6.566	6.566	(0.935)	287916	20.0000	20
	37 2-Nitroaniline	65	6.584	6.584	(0.937)	134814	20.0000	21
	123 1,3-Dimethylnaphthalene	156	6.695	6.695	(0.953)	339870	20.0000	21
	38 Dimethylphthalate	163	6.778	6.778	(0.965)	418746	20.0000	21
	114 Coumarin	146	6.784	6.784	(0.966)	139344	20.0000	21
	40 2,6-Dinitrotoluene	165	6.825	6.825	(0.972)	97480	20.0000	21
	39 Acenaphthylene	152	6.884	6.884	(0.980)	659907	20.0000	21
	41 3-Nitroaniline	138	6.990	6.990	(0.995)	105538	20.0000	21
*	82 Acenaphthene-d10	164	7.025	7.025	(1.000)	668795	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.066	7.066	(1.006)	334078	20.0000	21
	42 Acenaphthene	154	7.054	7.054	(1.004)	364439	20.0000	20
	11 2,4-Dinitrophenol	184	7.090	7.090	(1.009)	75664	30.0000	27
	12 4-Nitrophenol	65	7.178	7.178	(1.022)	97343	30.0000	31
	44 2,4-Dinitrotoluene	165	7.219	7.219	(1.028)	120208	20.0000	21

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1986.d
Report Date: 20-Aug-2009 10:10

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43	Dibenzofuran	168	7.231	7.231	(1.029)	539956	20.0000	21
	45	Diethylphthalate	149	7.478	7.478	(1.064)	411229	20.0000	21
	47	Fluorene	166	7.566	7.566	(1.077)	427638	20.0000	21
	46	4-Chlorophenyl-phenylether	204	7.572	7.572	(1.078)	201295	20.0000	21
	48	4-Nitroaniline	138	7.595	7.595	(1.081)	95620	20.0000	23(H)
	13	4,6-Dinitro-2-methylphenol	198	7.625	7.625	(0.899)	99352	30.0000	31
	49	N-Nitrosodiphenylamine	169	7.690	7.690	(0.906)	272700	20.0000	20
	75	1,2-Diphenylhydrazine	77	7.725	7.725	(0.911)	445698	20.0000	20
$	18	2,4,6-Tribromophenol (SUR)	330	7.801	7.801	(1.111)	57502	20.0000	20
	50	4-Bromophenyl-phenylether	248	8.048	8.048	(0.949)	115009	20.0000	20
	51	Hexachlorobenzene	284	8.113	8.113	(0.956)	124206	20.0000	20
	112	Atrazine	200	8.225	8.225	(0.969)	97014	20.0000	20
	14	Pentachlorophenol	266	8.307	8.307	(0.979)	113410	30.0000	30
	115	n-Octadecane	57	8.413	8.413	(0.992)	281240	20.0000	20
*	83	Phenanthrene-d10	188	8.484	8.484	(1.000)	890471	40.0000	
	52	Phenanthrene	178	8.507	8.507	(1.003)	539920	20.0000	20
	53	Anthracene	178	8.554	8.554	(1.008)	535875	20.0000	20
	54	Carbazole	167	8.719	8.719	(1.028)	476055	20.0000	21
	55	Di-n-butylphthalate	149	9.078	9.078	(1.070)	597329	20.0000	21
	56	Fluoranthene	202	9.666	9.666	(1.139)	502292	20.0000	21
	58	Benzidine	184	9.807	9.807	(1.156)	172158	30.0000	51
	57	Pyrene	202	9.883	9.883	(0.885)	503099	20.0000	20
$	78	Terphenyl-d14	244	10.054	10.054	(0.900)	305022	20.0000	20
	59	Butylbenzylphthalate	149	10.560	10.560	(0.945)	206519	20.0000	20
	60	3,3'-Dichlorobenzidine	252	11.142	11.142	(0.997)	160184	30.0000	34
	61	Benzo(a)anthracene	228	11.160	11.160	(0.999)	323374	20.0000	19
*	81	Chrysene-d12	240	11.172	11.172	(1.000)	578838	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	11.230	11.230	(1.005)	263005	20.0000	20
	62	Chrysene	228	11.201	11.201	(1.003)	307872	20.0000	20
	64	Di-n-octylphthalate	149	12.048	12.048	(0.927)	360365	20.0000	20
	65	Benzo(b)fluoranthene	252	12.495	12.495	(0.962)	227992	20.0000	20
	66	Benzo(k)fluoranthene	252	12.530	12.530	(0.964)	232789	20.0000	19
	67	Benzo(a)pyrene	252	12.913	12.913	(0.994)	185790	20.0000	20
*	84	Perylene-d12	264	12.995	12.995	(1.000)	354013	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.395	14.395	(1.108)	117546	20.0000	18
	69	Dibenz(a,h)anthracene	278	14.436	14.436	(1.111)	132329	20.0000	18
	70	Benzo(g,h,i)perylene	276	14.760	14.760	(1.136)	127966	20.0000	19

QC Flag Legend

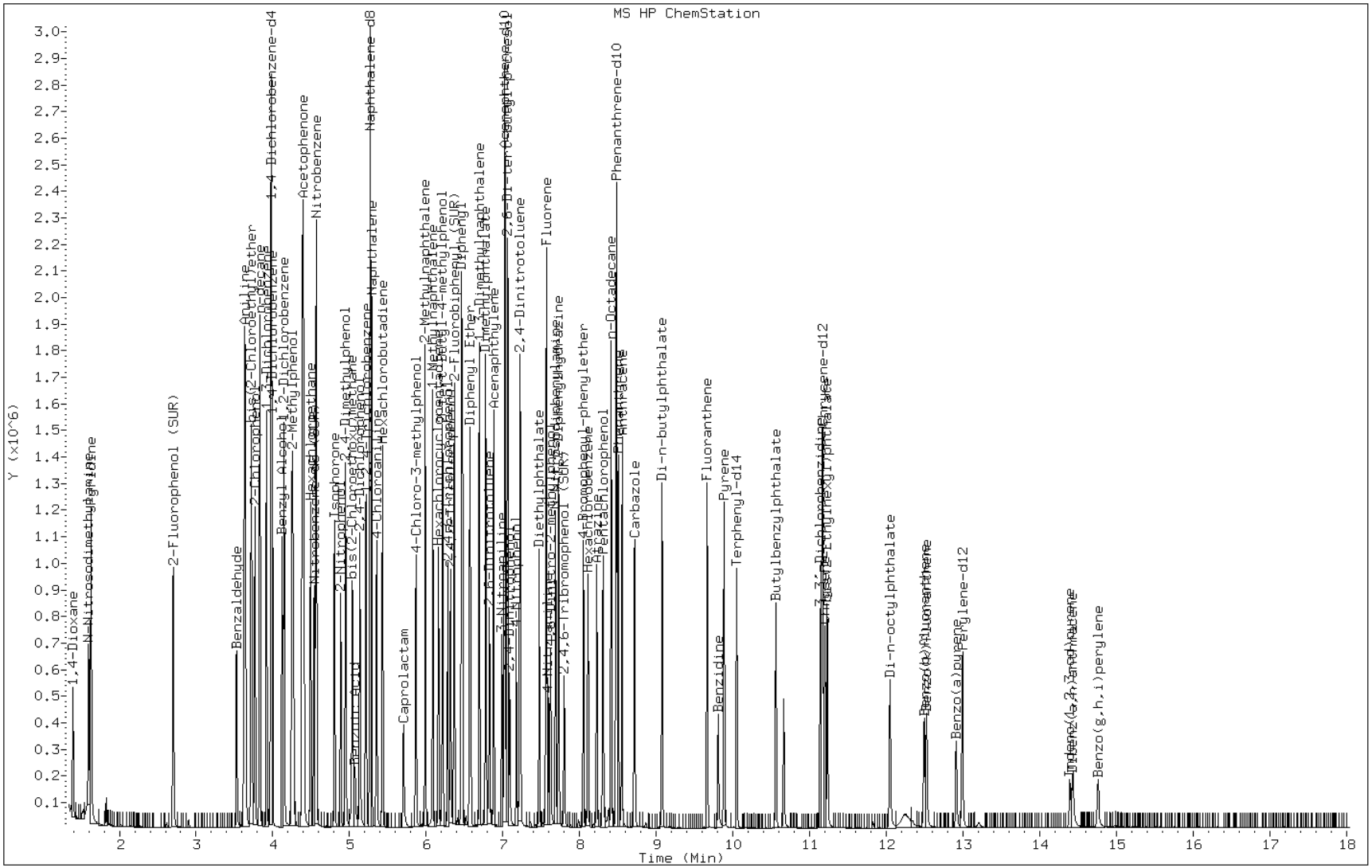
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: x1986.d

Date: 19-AUG-2009 02:55

Client ID: Instrument: BNAMS5.i

Sample Info: IC-154122 Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1987.d
Report Date: 20-Aug-2009 10:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1987.d
Lab Smp Id: IC-154125
Inj Date : 19-AUG-2009 03:20
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-154125
Misc Info : 10 ppm bna4392
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/8270C_08SP.m
Meth Date : 20-Aug-2009 10:10 rusin Quant Type: ISTD
Cal Date : 19-AUG-2009 01:06 Cal File: x1982.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.402	1.402	(0.352)	67713	10.0000	10
	19 N-Nitrosodimethylamine	74	1.607	1.607	(0.404)	93766	10.0000	10
	71 Pyridine	79	1.637	1.637	(0.411)	166448	10.0000	10
$	16 2-Fluorophenol (SUR)	112	2.701	2.701	(0.679)	161183	10.0000	11
	110 Benzaldehyde	77	3.525	3.525	(0.886)	79300	10.0000	12
$	17 Phenol-d5 (SUR)	99	3.619	3.619	(0.910)	189055	10.0000	12
	1 Phenol	94	3.631	3.631	(0.913)	197514	10.0000	11(H)
	73 Aniline	93	3.643	3.643	(0.916)	228903	10.0000	11
	20 bis(2-Chloroethyl)ether	93	3.707	3.707	(0.932)	156355	10.0000	10
	2 2-Chlorophenol	128	3.766	3.766	(0.947)	163522	10.0000	10
	113 n-decane	43	3.831	3.831	(0.963)	252809	10.0000	11
	21 1,3-Dichlorobenzene	146	3.919	3.919	(0.985)	209807	10.0000	11
*	79 1,4-Dichlorobenzene-d4	152	3.978	3.978	(1.000)	446711	40.0000	
	22 1,4-Dichlorobenzene	146	3.996	3.996	(1.004)	204671	10.0000	11
	74 Benzyl Alcohol	108	4.119	4.119	(1.035)	101435	10.0000	11

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1987.d
Report Date: 20-Aug-2009 10:10

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.148	4.148	(1.043)	196551	10.0000	11
	3 2-Methylphenol	108	4.248	4.248	(1.068)	133875	10.0000	11
	24 bis (2-chloroisopropyl) ether	45	4.260	4.260	(1.071)	286834	10.0000	10
	4 4-Methylphenol	108	4.407	4.407	(1.108)	134123	10.0000	11
	124 3 & 4 Methylphenol	108	4.407	4.407	(1.108)	135224	10.0000	11(AH)
	104 Acetophenone	105	4.390	4.390	(1.103)	197217	10.0000	11
	25 N-Nitroso-di-n-propylamine	70	4.396	4.396	(1.105)	96608	10.0000	11
	26 Hexachloroethane	117	4.490	4.490	(1.129)	77768	10.0000	11
$	76 Nitrobenzene-d5 (SUR)	82	4.537	4.537	(0.861)	147178	10.0000	10
	27 Nitrobenzene	77	4.560	4.560	(0.865)	210325	10.0000	11
	107 N,N-Dimethylaniline	120	4.566	4.566	(1.148)	236394	10.0000	11
	28 Isophorone	82	4.801	4.801	(0.911)	259389	10.0000	10
	5 2-Nitrophenol	139	4.884	4.884	(0.926)	79864	10.0000	10
	6 2,4-Dimethylphenol	122	4.948	4.948	(0.939)	125115	10.0000	10
	29 bis(2-Chloroethoxy)methane	93	5.037	5.037	(0.955)	158548	10.0000	11
	15 Benzoic Acid	122	5.048	5.048	(0.958)	47471	10.0000	9.0(H)
	7 2,4-Dichlorophenol	162	5.137	5.137	(0.974)	119874	10.0000	10
	30 1,2,4-Trichlorobenzene	180	5.213	5.213	(0.989)	146362	10.0000	11
*	80 Naphthalene-d8	136	5.272	5.272	(1.000)	1511596	40.0000	
	31 Naphthalene	128	5.290	5.290	(1.003)	453591	10.0000	11
	32 4-Chloroaniline	127	5.354	5.354	(1.016)	165469	10.0000	11
	33 Hexachlorobutadiene	225	5.431	5.431	(1.030)	87805	10.0000	11
	111 Caprolactam	113	5.690	5.690	(1.079)	30476	10.0000	9.8(H)
	8 4-Chloro-3-methylphenol	107	5.860	5.860	(1.112)	102073	10.0000	10
	34 2-Methylnaphthalene	142	5.990	5.990	(1.136)	270466	10.0000	11
	120 1-Methylnaphthalene	142	6.084	6.084	(1.154)	269920	10.0000	11
	35 Hexachlorocyclopentadiene	237	6.160	6.160	(0.877)	78944	10.0000	10
	121 2-tert-Butyl-4-methylphenol	149	6.213	6.213	(1.179)	177658	10.0000	11
	9 2,4,6-Trichlorophenol	196	6.278	6.278	(0.894)	73499	10.0000	9.9
	10 2,4,5-Trichlorophenol	196	6.319	6.319	(0.900)	74643	10.0000	10
$	77 2-Fluorobiphenyl (SUR)	172	6.366	6.366	(0.906)	273927	10.0000	11
	102 Diphenyl	154	6.460	6.460	(0.920)	309106	10.0000	11
	36 2-Chloronaphthalene	162	6.472	6.472	(0.921)	243543	10.0000	11
	103 Diphenyl Ether	170	6.566	6.566	(0.935)	169440	10.0000	11
	37 2-Nitroaniline	65	6.578	6.578	(0.936)	76590	10.0000	11
	123 1,3-Dimethylnaphthalene	156	6.695	6.695	(0.953)	196315	10.0000	11
	38 Dimethylphthalate	163	6.772	6.772	(0.964)	235716	10.0000	11
	114 Coumarin	146	6.778	6.778	(0.965)	75980	10.0000	10
	40 2,6-Dinitrotoluene	165	6.825	6.825	(0.972)	53248	10.0000	10
	39 Acenaphthylene	152	6.878	6.878	(0.979)	384352	10.0000	11
	41 3-Nitroaniline	138	6.989	6.989	(0.995)	57468	10.0000	10
*	82 Acenaphthene-d10	164	7.025	7.025	(1.000)	733818	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.066	7.066	(1.006)	198694	10.0000	11
	42 Acenaphthene	154	7.054	7.054	(1.004)	218164	10.0000	11
	11 2,4-Dinitrophenol	184	7.089	7.089	(1.009)	46662	20.0000	15
	12 4-Nitrophenol	65	7.172	7.172	(1.021)	62434	20.0000	18
	44 2,4-Dinitrotoluene	165	7.219	7.219	(1.028)	65606	10.0000	10

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1987.d
Report Date: 20-Aug-2009 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.225	7.225	(1.028)	310107	10.0000	11
	45 Diethylphthalate	149	7.472	7.472	(1.064)	226992	10.0000	10
	47 Fluorene	166	7.560	7.560	(1.076)	245308	10.0000	11
	46 4-Chlorophenyl-phenylether	204	7.572	7.572	(1.078)	117660	10.0000	11
	48 4-Nitroaniline	138	7.589	7.589	(1.080)	45788	10.0000	10(H)
	13 4,6-Dinitro-2-methylphenol	198	7.619	7.619	(0.898)	63061	20.0000	19
	49 N-Nitrosodiphenylamine	169	7.689	7.689	(0.906)	152017	10.0000	11
	75 1,2-Diphenylhydrazine	77	7.725	7.725	(0.911)	249800	10.0000	10
$	18 2,4,6-Tribromophenol (SUR)	330	7.801	7.801	(1.111)	33079	10.0000	11
	50 4-Bromophenyl-phenylether	248	8.048	8.048	(0.949)	62775	10.0000	11
	51 Hexachlorobenzene	284	8.113	8.113	(0.956)	69087	10.0000	10
	112 Atrazine	200	8.225	8.225	(0.969)	51757	10.0000	10
	14 Pentachlorophenol	266	8.307	8.307	(0.979)	75931	20.0000	20
	115 n-Octadecane	57	8.413	8.413	(0.992)	154406	10.0000	10
*	83 Phenanthrene-d10	188	8.483	8.483	(1.000)	930306	40.0000	
	52 Phenanthrene	178	8.501	8.501	(1.002)	288877	10.0000	10
	53 Anthracene	178	8.554	8.554	(1.008)	302628	10.0000	11
	54 Carbazole	167	8.713	8.713	(1.027)	246493	10.0000	10
	55 Di-n-butylphthalate	149	9.078	9.078	(1.070)	310506	10.0000	10
	56 Fluoranthene	202	9.666	9.666	(1.139)	256704	10.0000	10
	58 Benzidine	184	9.807	9.807	(1.156)	132041	20.0000	37
	57 Pyrene	202	9.883	9.883	(0.885)	253074	10.0000	10
$	78 Terphenyl-d14	244	10.054	10.054	(0.900)	150224	10.0000	10
	59 Butylbenzylphthalate	149	10.560	10.560	(0.945)	96304	10.0000	10
	60 3,3'-Dichlorobenzidine	252	11.142	11.142	(0.997)	100843	20.0000	23
	61 Benzo(a)anthracene	228	11.154	11.154	(0.998)	155164	10.0000	9.9
*	81 Chrysene-d12	240	11.172	11.172	(1.000)	544708	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.236	11.236	(1.006)	124550	10.0000	9.9
	62 Chrysene	228	11.195	11.195	(1.002)	152649	10.0000	10
	64 Di-n-octylphthalate	149	12.048	12.048	(0.927)	159331	10.0000	10
	65 Benzo(b)fluoranthene	252	12.489	12.489	(0.961)	95621	10.0000	9.6
	66 Benzo(k)fluoranthene	252	12.524	12.524	(0.964)	118164	10.0000	11
	67 Benzo(a)pyrene	252	12.913	12.913	(0.994)	80409	10.0000	9.8
*	84 Perylene-d12	264	12.995	12.995	(1.000)	312884	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.395	14.395	(1.108)	50929	10.0000	8.8
	69 Dibenz(a,h)anthracene	278	14.436	14.436	(1.111)	56441	10.0000	8.6
	70 Benzo(g,h,i)perylene	276	14.765	14.765	(1.136)	59216	10.0000	10

QC Flag Legend

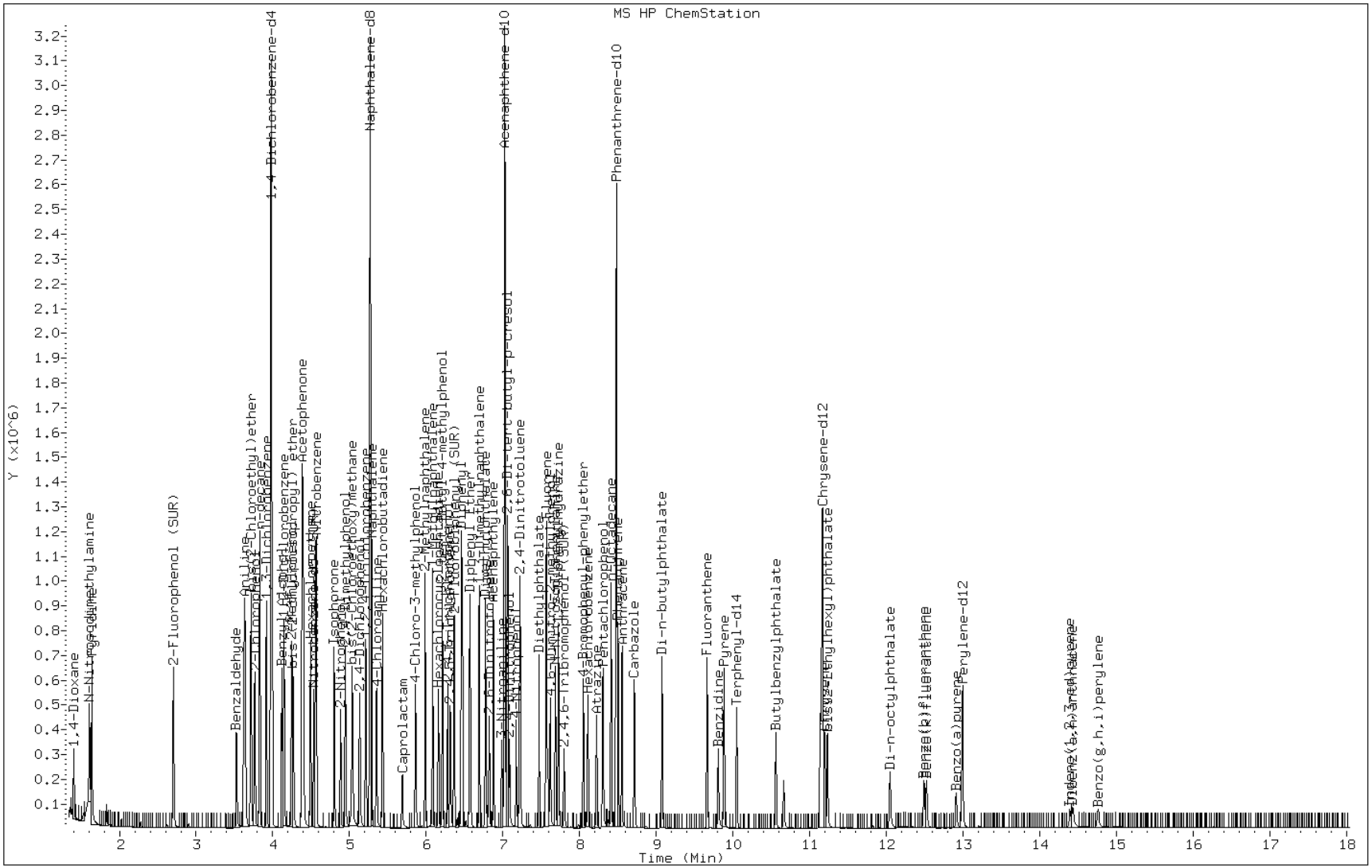
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: x1987.d

Date: 19-AUG-2009 03:20

Client ID: Instrument: BNAMS5.i

Sample Info: IC-154125 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15839/2 Calibration Date: 09/01/2009 08:10

Instrument ID: BNAMS11 Calib Start Date: 08/31/2009 01:11

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2009 03:40

Lab File ID: z3550.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5791	0.4951		42700	50000	-14.5	20.0
N-Nitrosodimethylamine	Ave	0.8383	0.7697		45900	50000	-8.2	20.0
Pyridine	Ave	1.462	1.346		46000	50000	-7.9	20.0
Benzaldehyde	Ave	0.6592	0.4637		35200	50000	-29.7*	20.0
Aniline	Ave	1.998	1.946		48700	50000	-2.6	20.0
Phenol	Ave	1.737	1.651		47500	50000	-5.0	20.0
Bis(2-chloroethyl)ether	Ave	1.438	1.352		47000	50000	-6.0	20.0
2-Chlorophenol	Ave	1.415	1.404		49600	50000	-0.8	20.0
n-Decane	Ave	1.276	1.148		45000	50000	-10.0	20.0
1,3-Dichlorobenzene	Ave	1.653	1.669		50500	50000	1.0	20.0
1,4-Dichlorobenzene	Ave	1.661	1.678		50500	50000	1.0	20.0
Benzyl alcohol	Ave	0.8423	0.8595		51000	50000	2.0	20.0
1,2-Dichlorobenzene	Ave	1.537	1.557		50700	50000	1.3	20.0
2-Methylphenol	Ave	1.146	1.150		50200	50000	0.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.484	1.356		45700	50000	-8.7	20.0
Acetophenone	Ave	1.703	1.688		49600	50000	-0.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.9133	0.8604	0.0500	47100	50000	-5.8	20.0
3 & 4 Methylphenol	Ave	1.147	1.084		47300	50000	-5.5	20.0
4-Methylphenol	Ave	1.144	1.084		47400	50000	-5.3	20.0
Hexachloroethane	Ave	0.6355	0.6395		50300	50000	0.6	20.0
Nitrobenzene	Ave	0.5454	0.5264		48300	50000	-3.5	20.0
n,n'-Dimethylaniline	Ave	2.094	2.097		50100	50000	0.2	20.0
Isophorone	Ave	0.6940	0.6848		49300	50000	-1.3	20.0
2-Nitrophenol	Ave	0.2013	0.2010		49900	50000	-0.2	20.0
2,4-Dimethylphenol	Ave	0.3207	0.3155		49200	50000	-1.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.4213	0.4099		48600	50000	-2.7	20.0
Benzoic acid	LinF	0.1218	0.1194		51500	50000	3.0	20.0
2,4-Dichlorophenol	Ave	0.2864	0.2893		50500	50000	1.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3513	0.3556		50600	50000	1.2	20.0
Naphthalene	Ave	1.102	1.101		49900	50000	-0.1	20.0
4-Chloroaniline	Ave	0.4035	0.4087		50600	50000	1.3	20.0
Hexachlorobutadiene	Ave	0.2118	0.2199		51900	50000	3.8	20.0
Caprolactam	Ave	0.0821	0.0916		55800	50000	11.6	20.0
4-Chloro-3-methylphenol	Ave	0.2818	0.2896		51400	50000	2.8	20.0
2-Methylnaphthalene	Ave	0.6617	0.6665		50400	50000	0.7	20.0
1-Methylnaphthalene	Ave	0.6437	0.6411		49800	50000	-0.4	20.0
Hexachlorocyclopentadiene	LinF	0.4032	0.4475	0.0500	47800	50000	-4.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.4454	0.4355		48900	50000	-2.2	20.0
2,4,6-Trichlorophenol	Ave	0.3910	0.3873		49500	50000	-0.9	20.0
2,4,5-Trichlorophenol	Ave	0.3926	0.3978		50700	50000	1.3	20.0
1,1'-Biphenyl	Ave	1.548	1.569		50700	50000	1.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15839/2 Calibration Date: 09/01/2009 08:10

Instrument ID: BNAMS11 Calib Start Date: 08/31/2009 01:11

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2009 03:40

Lab File ID: z3550.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloronaphthalene	Ave	1.228	1.227		50000	50000	0.1	20.0
Phenyl ether	Ave	0.8805	0.8723		49500	50000	-0.9	20.0
2-Nitroaniline	Ave	0.4010	0.4193		52300	50000	4.6	20.0
1,3-Dimethylnaphthalene	Ave	1.000	0.9954		49800	50000	-0.5	20.0
Dimethyl phthalate	Ave	1.241	1.281		51600	50000	3.2	20.0
Coumarin	Ave	0.3929	0.3931		50000	50000	0.1	20.0
2,6-Dinitrotoluene	Ave	0.2797	0.2898		51800	50000	3.6	20.0
Acenaphthylene	Ave	1.906	1.903		49900	50000	-0.2	20.0
3-Nitroaniline	Ave	0.2766	0.2737		49500	50000	-1.0	20.0
Acenaphthene	Ave	1.102	1.127		51100	50000	2.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.146	1.155		50400	50000	0.8	20.0
2,4-Dinitrophenol	QuaF	0.1129	0.1264	0.0500	51800	50000	3.6	20.0
4-Nitrophenol	Ave	0.1864	0.1871	0.0500	50200	50000	0.3	20.0
2,4-Dinitrotoluene	Ave	0.3541	0.3742		52800	50000	5.7	20.0
Dibenzofuran	Ave	1.618	1.654		51100	50000	2.2	20.0
Diethyl phthalate	Ave	1.184	1.221		51600	50000	3.2	20.0
Fluorene	Ave	1.269	1.326		52200	50000	4.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.6341	0.6759		53300	50000	6.6	20.0
4-Nitroaniline	Ave	0.2329	0.2130		45700	50000	-8.5	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1222	0.1267		51800	50000	3.6	20.0
N-Nitrosodiphenylamine	Ave	0.6029	0.5994		49700	50000	-0.6	20.0
1,2-Diphenylhydrazine	Ave	1.102	1.061		48200	50000	-3.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2475	0.2582		52200	50000	4.3	20.0
Hexachlorobenzene	Ave	0.2539	0.2668		52500	50000	5.1	20.0
Atrazine	Ave	0.2085	0.2175		52100	50000	4.3	20.0
Pentachlorophenol	QuaF	0.1278	0.1417		54200	50000	8.3	20.0
n-Octadecane	Ave	0.5372	0.5049		47000	50000	-6.0	20.0
Phenanthrene	Ave	1.166	1.191		51000	50000	2.1	20.0
Anthracene	Ave	1.166	1.194		51200	50000	2.4	20.0
Carbazole	Ave	0.9419	0.9039		48000	50000	-4.0	20.0
Di-n-butyl phthalate	Ave	1.213	1.235		50900	50000	1.8	20.0
Fluoranthene	Ave	1.047	1.014		48500	50000	-3.1	20.0
Benzidine	Ave	0.1260	0.0240		9510	50000	-81.0*	20.0
Pyrene	Ave	1.744	1.821		52200	50000	4.4	20.0
Butyl benzyl phthalate	Ave	0.6538	0.6930		53000	50000	6.0	20.0
2,3,7,8-TCDD	Ave	0.1785	0.1762		493	500	-1.3	20.0
3,3'-Dichlorobenzidine	Ave	0.2883	0.2588		44900	50000	-10.3	20.0
Benzo[a]anthracene	Ave	1.151	1.109		48200	50000	-3.6	20.0
Chrysene	Ave	1.016	1.019		50200	50000	0.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8493	0.8929		52600	50000	5.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15839/2 Calibration Date: 09/01/2009 08:10

Instrument ID: BNAMS11 Calib Start Date: 08/31/2009 01:11

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2009 03:40

Lab File ID: z3550.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.880	2.037		54200	50000	8.3	20.0
Benzo[b]fluoranthene	Ave	1.184	1.206		51000	50000	1.9	20.0
Benzo[k]fluoranthene	Ave	1.324	1.416		53500	50000	7.0	20.0
Benzo[a]pyrene	Ave	0.9753	1.027		52600	50000	5.3	20.0
Indeno[1,2,3-cd]pyrene	LinF	0.6554	0.6723		44300	50000	-11.5	20.0
Dibenz(a,h)anthracene	LinF	0.6924	0.7331		46900	50000	-6.3	20.0
Benzo[g,h,i]perylene	Ave	0.7417	0.7736		52200	50000	4.3	20.0
2-Fluorophenol	Ave	1.327	1.299		49000	50000	-2.1	20.0
Phenol-d5	Ave	1.540	1.484		48200	50000	-3.6	20.0
Nitrobenzene-d5	Ave	0.4055	0.3951		48700	50000	-2.6	20.0
2-Fluorobiphenyl	Ave	1.418	1.390		49000	50000	-2.0	20.0
2,4,6-Tribromophenol	Ave	0.1555	0.1620		52100	50000	4.2	20.0
Terphenyl-d14	Ave	1.114	1.170		52500	50000	5.0	20.0

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3550.d
Report Date: 01-Sep-2009 08:44

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3550.d
Lab Smp Id: CCVIS-154120
Inj Date : 01-SEP-2009 08:10
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCVIS-154120
Misc Info : 50ppm bna4392
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/8270C_08SP.m
Meth Date : 01-Sep-2009 08:44 croccom Quant Type: ISTD
Cal Date : 01-SEP-2009 08:10 Cal File: z3550.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.304	1.304	(0.338)	126484	50.0000	43
	19 N-Nitrosodimethylamine	74	1.516	1.516	(0.392)	196661	50.0000	46
	71 Pyridine	79	1.540	1.540	(0.399)	343765	50.0000	46
$	16 2-Fluorophenol (SUR)	112	2.604	2.604	(0.674)	331986	50.0000	49
	110 Benzaldehyde	77	3.416	3.416	(0.884)	118478	50.0000	35
$	17 Phenol-d5 (SUR)	99	3.528	3.528	(0.913)	379145	50.0000	48
	1 Phenol	94	3.545	3.545	(0.918)	421689	50.0000	48
	73 Aniline	93	3.534	3.534	(0.915)	497176	50.0000	49
	20 bis(2-Chloroethyl)ether	93	3.610	3.610	(0.935)	345303	50.0000	47
	2 2-Chlorophenol	128	3.657	3.657	(0.947)	358639	50.0000	50
	113 n-decane	43	3.722	3.722	(0.963)	293372	50.0000	45
	21 1,3-Dichlorobenzene	146	3.810	3.810	(0.986)	426482	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	3.863	3.863	(1.000)	204392	40.0000	
	22 1,4-Dichlorobenzene	146	3.881	3.881	(1.005)	428717	50.0000	50
	74 Benzyl Alcohol	108	4.022	4.022	(1.041)	219593	50.0000	51

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3550.d
Report Date: 01-Sep-2009 08:44

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	==========	====	==	======	======	========	=======	=======
23	1,2-Dichlorobenzene	146	4.034	4.034	(1.044)	397900	50.0000	51
3	2-Methylphenol	108	4.151	4.151	(1.075)	293843	50.0000	50
24	bis (2-chloroisopropyl) ether	45	4.157	4.157	(1.076)	346336	50.0000	46
104	Acetophenone	105	4.287	4.287	(1.110)	431293	50.0000	50
4	4-Methylphenol	108	4.310	4.310	(1.116)	276940	50.0000	47
124	3 & 4 methylphenol	108	4.310	4.310	(1.116)	276940	50.0000	47
25	N-Nitroso-di-n-propylamine	70	4.298	4.298	(1.113)	219827	50.0000	47
26	Hexachloroethane	117	4.375	4.375	(1.132)	163395	50.0000	50
$ 76	Nitrobenzene-d5 (SUR)	82	4.434	4.434	(0.861)	353959	50.0000	49
27	Nitrobenzene	77	4.451	4.451	(0.864)	471557	50.0000	48
107	N,N-Dimethylaniline	120	4.457	4.457	(1.154)	535798	50.0000	50
28	Isophorone	82	4.698	4.698	(0.912)	613447	50.0000	49
5	2-Nitrophenol	139	4.769	4.769	(0.926)	180078	50.0000	50
6	2,4-Dimethylphenol	122	4.840	4.840	(0.939)	282652	50.0000	49
29	bis(2-Chloroethoxy)methane	93	4.928	4.928	(0.957)	367192	50.0000	49
15	Benzoic Acid	122	4.992	4.992	(0.969)	106996	50.0000	52
7	2,4-Dichlorophenol	162	5.022	5.022	(0.975)	259166	50.0000	50
30	1,2,4-Trichlorobenzene	180	5.098	5.098	(0.990)	318591	50.0000	51
* 80	Naphthalene-d8	136	5.151	5.151	(1.000)	716684	40.0000	
31	Naphthalene	128	5.169	5.169	(1.003)	985997	50.0000	50
32	4-Chloroaniline	127	5.234	5.234	(1.016)	366096	50.0000	51
33	Hexachlorobutadiene	225	5.310	5.310	(1.031)	197016	50.0000	52
111	Caprolactam	113	5.622	5.622	(1.091)	82070	50.0000	56(H)
8	4-Chloro-3-methylphenol	107	5.751	5.751	(1.116)	259441	50.0000	51
34	2-Methylnaphthalene	142	5.863	5.863	(1.138)	597089	50.0000	50
120	1-Methylnaphthalene	142	5.963	5.963	(1.158)	574285	50.0000	50
35	Hexachlorocyclopentadiene	237	6.034	6.034	(0.875)	204815	50.0000	48
121	2-tert-Butyl-4-methylphenol	149	6.098	6.098	(1.184)	390133	50.0000	49
9	2,4,6-Trichlorophenol	196	6.157	6.157	(0.893)	177258	50.0000	50
10	2,4,5-Trichlorophenol	196	6.198	6.198	(0.899)	182079	50.0000	51
$ 77	2-Fluorobiphenyl (SUR)	172	6.239	6.239	(0.905)	636259	50.0000	49
102	Diphenyl	154	6.334	6.334	(0.919)	718032	50.0000	51
36	2-Chloronaphthalene	162	6.345	6.345	(0.921)	561758	50.0000	50
103	Diphenyl Ether	170	6.439	6.439	(0.934)	399227	50.0000	50
37	2-Nitroaniline	65	6.457	6.457	(0.937)	191906	50.0000	52
123	1,3-Dimethylnaphthalene	156	6.569	6.569	(0.953)	455583	50.0000	50
38	Dimethylphthalate	163	6.651	6.651	(0.965)	586453	50.0000	52
114	Coumarin	146	6.657	6.657	(0.966)	179902	50.0000	50
40	2,6-Dinitrotoluene	165	6.704	6.704	(0.973)	132627	50.0000	52
39	Acenaphthylene	152	6.751	6.751	(0.980)	871147	50.0000	50
41	3-Nitroaniline	138	6.869	6.869	(0.997)	125263	50.0000	49
* 82	Acenaphthene-d10	164	6.892	6.892	(1.000)	366151	40.0000	
42	Acenaphthene	154	6.928	6.928	(1.005)	515674	50.0000	51
122	2,6-Di-tert-butyl-p-cresol	205	6.939	6.939	(1.007)	528591	50.0000	50
11	2,4-Dinitrophenol	184	6.969	6.969	(1.011)	57865	50.0000	52
12	4-Nitrophenol	65	7.057	7.057	(1.024)	85619	50.0000	50
44	2,4-Dinitrotoluene	165	7.098	7.098	(1.030)	171254	50.0000	53

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3550.d
Report Date: 01-Sep-2009 08:44

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	7.098	7.098	(1.030)	756934	50.0000	51
	45 Diethylphthalate	149	7.345	7.345	(1.066)	559023	50.0000	52
	47 Fluorene	166	7.428	7.428	(1.078)	606788	50.0000	52
	46 4-Chlorophenyl-phenylether	204	7.439	7.439	(1.079)	309366	50.0000	53
	48 4-Nitroaniline	138	7.469	7.469	(1.084)	97482	50.0000	46
	13 4,6-Dinitro-2-methylphenol	198	7.498	7.498	(0.899)	76663	50.0000	52
	49 N-Nitrosodiphenylamine	169	7.557	7.557	(0.906)	362666	50.0000	50
	75 1,2-Diphenylhydrazine	77	7.592	7.592	(0.910)	642245	50.0000	48
$	18 2,4,6-Tribromophenol (SUR)	330	7.669	7.669	(1.113)	74157	50.0000	52
	50 4-Bromophenyl-phenylether	248	7.910	7.910	(0.948)	156243	50.0000	52
	51 Hexachlorobenzene	284	7.975	7.975	(0.956)	161421	50.0000	52
	112 Atrazine	200	8.098	8.098	(0.971)	131579	50.0000	52
	14 Pentachlorophenol	266	8.169	8.169	(0.980)	85746	50.0000	54
	115 n-Octadecane	57	8.280	8.280	(0.993)	305483	50.0000	47
*	83 Phenanthrene-d10	188	8.339	8.339	(1.000)	484056	40.0000	
	52 Phenanthrene	178	8.363	8.363	(1.003)	720487	50.0000	51
	53 Anthracene	178	8.416	8.416	(1.009)	722175	50.0000	51
	54 Carbazole	167	8.580	8.580	(1.029)	546903	50.0000	48
	55 Di-n-butylphthalate	149	8.939	8.939	(1.072)	747333	50.0000	51
	56 Fluoranthene	202	9.522	9.522	(1.142)	613779	50.0000	48
	58 Benzidine	184	9.663	9.663	(1.159)	14507	50.0000	9.5
	57 Pyrene	202	9.739	9.739	(0.886)	589176	50.0000	52
$	78 Terphenyl-d14	244	9.910	9.910	(0.902)	378500	50.0000	52
	59 Butylbenzylphthalate	149	10.404	10.404	(0.947)	224200	50.0000	53
	109 2,3,7,8-TCDD (Screen)	322	10.486	10.486	(0.954)	570	0.50000	0.49(a)
	60 3,3'-Dichlorobenzidine	252	10.957	10.957	(0.997)	83712	50.0000	45
	61 Benzo(a)anthracene	228	10.974	10.974	(0.999)	358846	50.0000	48
*	81 Chrysene-d12	240	10.986	10.986	(1.000)	258809	40.0000	
	62 Chrysene	228	11.016	11.016	(1.003)	329542	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	11.051	11.051	(1.006)	288861	50.0000	52
	64 Di-n-octylphthalate	149	11.839	11.839	(0.928)	350874	50.0000	54
	65 Benzo(b)fluoranthene	252	12.268	12.268	(0.962)	207840	50.0000	51
	66 Benzo(k)fluoranthene	252	12.304	12.304	(0.964)	244023	50.0000	53
	67 Benzo(a)pyrene	252	12.680	12.680	(0.994)	176916	50.0000	53
*	84 Perylene-d12	264	12.757	12.757	(1.000)	137821	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.133	14.133	(1.108)	115818	50.0000	44
	69 Dibenz(a,h)anthracene	278	14.168	14.168	(1.111)	126303	50.0000	47
	70 Benzo(g,h,i)perylene	276	14.474	14.474	(1.135)	133280	50.0000	52

QC Flag Legend

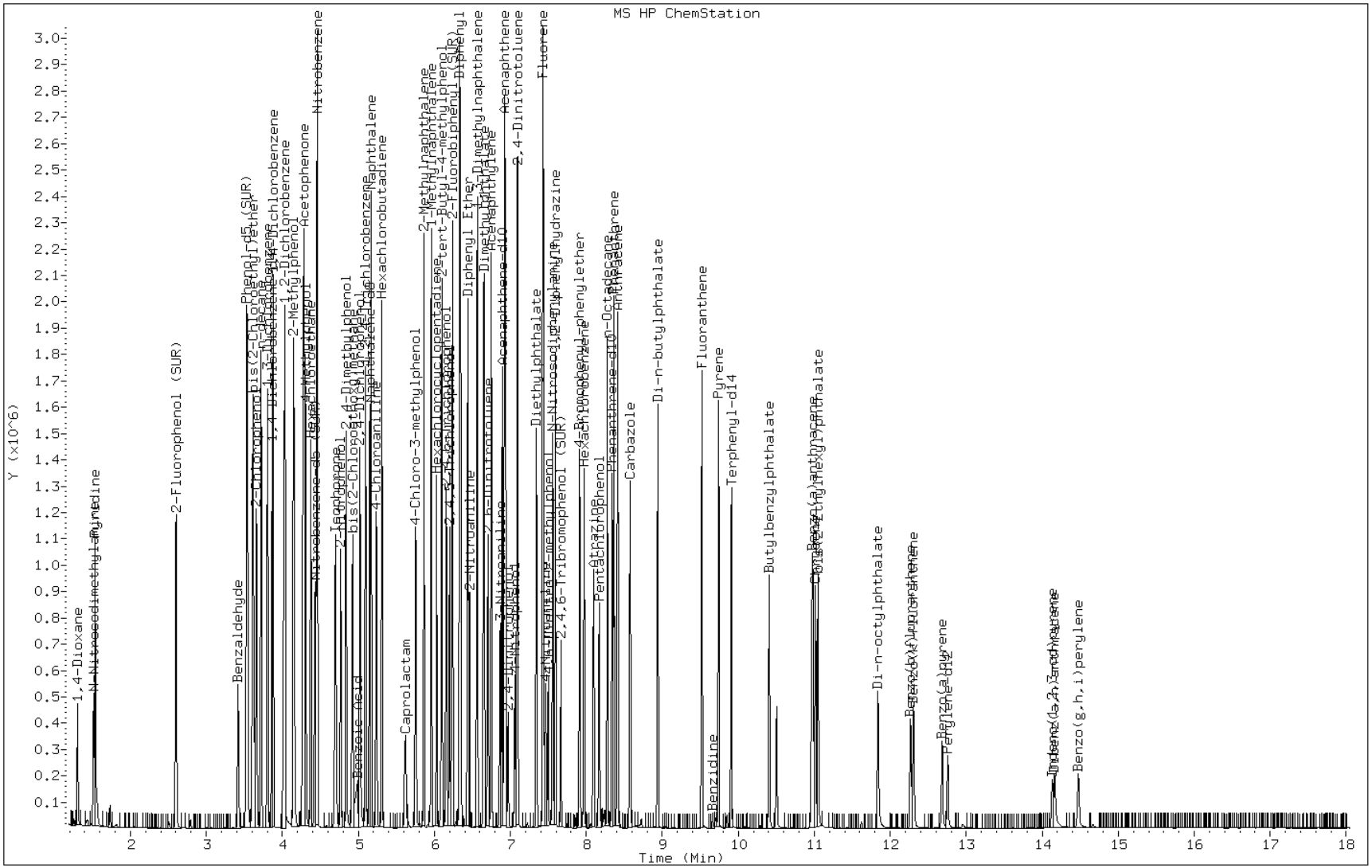
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z3550.d

Date: 01-SEP-2009 08:10

Client ID: Instrument: BNAMS11.i

Sample Info: CCVIS-154120 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15036/2 Calibration Date: 08/21/2009 16:52

Instrument ID: BNAMS5 Calib Start Date: 08/19/2009 01:06

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/19/2009 03:20

Lab File ID: x2082.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6012	0.0000		10.0	50000	-100.0*	20.0
N-Nitrosodimethylamine	Ave	0.8161	0.7885		48300	50000	-3.4	20.0
Pyridine	Ave	1.422	1.378		48500	50000	-3.1	20.0
Benzaldehyde	Ave	0.5839	0.7017		60100	50000	20.2*	20.0
Aniline	Ave	1.823	1.837		50400	50000	0.7	20.0
Phenol	Ave	1.626	1.565		48100	50000	-3.8	20.0
Bis(2-chloroethyl)ether	Ave	1.322	1.292		48900	50000	-2.2	20.0
2-Chlorophenol	Ave	1.405	1.358		48300	50000	-3.3	20.0
n-Decane	Ave	2.114	2.082		49300	50000	-1.5	20.0
1,3-Dichlorobenzene	Ave	1.702	1.621		47600	50000	-4.8	20.0
1,4-Dichlorobenzene	Ave	1.677	1.617		48200	50000	-3.6	20.0
Benzyl alcohol	Ave	0.8257	0.8290		50200	50000	0.4	20.0
1,2-Dichlorobenzene	Ave	1.555	1.488		47800	50000	-4.3	20.0
2-Methylphenol	Ave	1.113	1.069		48000	50000	-3.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.433	2.482		51000	50000	2.0	20.0
Acetophenone	Ave	1.610	1.601		49700	50000	-0.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.7636	0.7240	0.0500	47400	50000	-5.2	20.0
3 & 4 Methylphenol	Ave	1.090	0.9916		45500	50000	-9.0	20.0
4-Methylphenol	Ave	1.085	0.9970		45900	50000	-8.1	20.0
Hexachloroethane	Ave	0.6329	0.6164		48700	50000	-2.6	20.0
Nitrobenzene	Ave	0.5108	0.5100		49900	50000	-0.1	20.0
n,n'-Dimethylaniline	Ave	1.936	1.857		48000	50000	-4.1	20.0
Isophorone	Ave	0.6486	0.6365		49100	50000	-1.9	20.0
2-Nitrophenol	Ave	0.2057	0.1977		48000	50000	-3.9	20.0
2,4-Dimethylphenol	Ave	0.3147	0.3061		48600	50000	-2.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.3882	0.3782		48700	50000	-2.6	20.0
Benzoic acid	Ave	0.1389	0.1001		36000	50000	-27.9*	20.0
2,4-Dichlorophenol	Ave	0.3025	0.2916		48200	50000	-3.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3620	0.3480		48100	50000	-3.9	20.0
Naphthalene	Ave	1.103	1.076		48800	50000	-2.5	20.0
4-Chloroaniline	Ave	0.4009	0.3786		47200	50000	-5.6	20.0
Hexachlorobutadiene	Ave	0.2139	0.2102		49100	50000	-1.7	20.0
Caprolactam	Ave	0.0819	0.0704		43000	50000	-14.0	20.0
4-Chloro-3-methylphenol	Ave	0.2702	0.2628		48600	50000	-2.8	20.0
2-Methylnaphthalene	Ave	0.6726	0.6550		48700	50000	-2.6	20.0
1-Methylnaphthalene	Ave	0.6585	0.6303		47900	50000	-4.3	20.0
Hexachlorocyclopentadiene	Ave	0.4285	0.4603	0.0500	53700	50000	7.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.4200	0.4029		48000	50000	-4.1	20.0
2,4,6-Trichlorophenol	Ave	0.4037	0.4043		50100	50000	0.2	20.0
2,4,5-Trichlorophenol	Ave	0.4017	0.3864		48100	50000	-3.8	20.0
1,1'-Biphenyl	Ave	1.544	1.607		52000	50000	4.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15036/2 Calibration Date: 08/21/2009 16:52

Instrument ID: BNAMS5 Calib Start Date: 08/19/2009 01:06

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/19/2009 03:20

Lab File ID: x2082.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloronaphthalene	Ave	1.222	1.227		50200	50000	0.5	20.0
Phenyl ether	Ave	0.8540	0.8517		49900	50000	-0.3	20.0
2-Nitroaniline	Ave	0.3762	0.4041		53700	50000	7.4	20.0
1,3-Dimethylnaphthalene	Ave	0.9857	0.9608		48700	50000	-2.5	20.0
Dimethyl phthalate	Ave	1.207	1.137		47100	50000	-5.8	20.0
Coumarin	Ave	0.3925	0.3480		44300	50000	-11.3	20.0
2,6-Dinitrotoluene	Ave	0.2801	0.2664		47600	50000	-4.9	20.0
Acenaphthylene	Ave	1.913	1.870		48900	50000	-2.3	20.0
3-Nitroaniline	Ave	0.2964	0.2533		42700	50000	-14.6	20.0
Acenaphthene	Ave	1.081	1.094		50600	50000	1.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9456	0.9268		49000	50000	-2.0	20.0
2,4-Dinitrophenol	LinF	0.1474	0.1132	0.0500	34200	50000	-31.7*	20.0
4-Nitrophenol	Ave	0.1866	0.1644	0.0500	44000	50000	-11.9	20.0
2,4-Dinitrotoluene	Ave	0.3450	0.3068		44500	50000	-11.1	20.0
Dibenzofuran	Ave	1.554	1.457		46900	50000	-6.2	20.0
Diethyl phthalate	Ave	1.193	1.102		46200	50000	-7.7	20.0
Fluorene	Ave	1.217	1.149		47200	50000	-5.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.5762	0.5607		48700	50000	-2.7	20.0
4-Nitroaniline	Ave	0.2508	0.2019		40300	50000	-19.5	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1425	0.1300		45600	50000	-8.8	20.0
N-Nitrosodiphenylamine	Ave	0.6133	0.5959		48600	50000	-2.8	20.0
1,2-Diphenylhydrazine	Ave	1.015	1.050		51700	50000	3.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2537	0.2616		51500	50000	3.1	20.0
Hexachlorobenzene	Ave	0.2810	0.2817		50100	50000	0.2	20.0
Atrazine	Ave	0.2136	0.2090		48900	50000	-2.1	20.0
Pentachlorophenol	Ave	0.1671	0.1461		43700	50000	-12.6	20.0
n-Octadecane	Ave	0.6351	0.6957		54800	50000	9.5	20.0
Phenanthrene	Ave	1.180	1.145		48500	50000	-3.0	20.0
Anthracene	Ave	1.190	1.134		47600	50000	-4.7	20.0
Carbazole	Ave	1.003	0.9056		45100	50000	-9.7	20.0
Di-n-butyl phthalate	Ave	1.296	1.231		47500	50000	-5.0	20.0
Fluoranthene	Ave	1.071	0.9508		44400	50000	-11.2	20.0
Benzidine	Ave	0.1517	0.0548		18100	50000	-63.9*	20.0
Pyrene	Ave	1.755	1.862		53000	50000	6.1	20.0
Butyl benzyl phthalate	Ave	0.7030	0.7349		52300	50000	4.5	20.0
2,3,7,8-TCDD	Ave	0.2048	0.1806		441	500	-11.8	20.0
3,3'-Dichlorobenzidine	Ave	0.3257	0.3285		50400	50000	0.9	20.0
Benzo[a]anthracene	Ave	1.151	1.089		47300	50000	-5.4	20.0
Chrysene	Ave	1.063	1.050		49400	50000	-1.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9221	0.9287		50400	50000	0.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: CCVIS 460-15036/2 Calibration Date: 08/21/2009 16:52

Instrument ID: BNAMS5 Calib Start Date: 08/19/2009 01:06

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/19/2009 03:20

Lab File ID: x2082.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.997	1.957		49000	50000	-2.0	20.0
Benzo[b]fluoranthene	Ave	1.266	1.244		49100	50000	-1.7	20.0
Benzo[k]fluoranthene	Ave	1.356	1.312		48400	50000	-3.2	20.0
Benzo[a]pyrene	Ave	1.043	1.025		49100	50000	-1.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.7417	0.8352		56300	50000	12.6	20.0
Dibenz(a,h)anthracene	LinF	0.7452	0.8327		49500	50000	-1.0	20.0
Benzo[g,h,i]perylene	Ave	0.7574	0.8406		55500	50000	11.0	20.0
2-Fluorophenol	Ave	1.335	1.318		49300	50000	-1.3	20.0
Phenol-d5	Ave	1.472	1.414		48000	50000	-3.9	20.0
Nitrobenzene-d5	Ave	0.3763	0.3757		49900	50000	-0.2	20.0
2-Fluorobiphenyl	Ave	1.404	1.416		50400	50000	0.8	20.0
2,4,6-Tribromophenol	Ave	0.1681	0.1522		45300	50000	-9.4	20.0
Terphenyl-d14	Ave	1.052	1.075		51100	50000	2.2	20.0

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2082.d
Report Date: 21-Aug-2009 17:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2082.d
Lab Smp Id: CCVIS-154120
Inj Date : 21-AUG-2009 16:52
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : CCVIS-154120
Misc Info : 50 ppm bna4392
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.554	1.554	(0.397)	381536	50.0000	48
	71 Pyridine	79	1.572	1.572	(0.402)	666781	50.0000	48
$	16 2-Fluorophenol (SUR)	112	2.637	2.637	(0.674)	637546	50.0000	49
	110 Benzaldehyde	77	3.460	3.460	(0.884)	339506	50.0000	60
$	17 Phenol-d5 (SUR)	99	3.578	3.578	(0.914)	684167	50.0000	48
	1 Phenol	94	3.590	3.590	(0.917)	757158	50.0000	48
	73 Aniline	93	3.584	3.584	(0.916)	888676	50.0000	50
	20 bis(2-Chloroethyl)ether	93	3.660	3.660	(0.935)	625275	50.0000	49
	2 2-Chlorophenol	128	3.707	3.707	(0.947)	656848	50.0000	48
	113 n-decane	43	3.772	3.772	(0.964)	1007602	50.0000	49
	21 1,3-Dichlorobenzene	146	3.854	3.854	(0.985)	784209	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	3.913	3.913	(1.000)	387079	40.0000	
	22 1,4-Dichlorobenzene	146	3.931	3.931	(1.004)	782385	50.0000	48
	74 Benzyl Alcohol	108	4.072	4.072	(1.041)	401107	50.0000	50
	23 1,2-Dichlorobenzene	146	4.084	4.084	(1.044)	720041	50.0000	48

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2082.d
Report Date: 21-Aug-2009 17:09

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	3 2-Methylphenol	108	4.201	4.201	(1.074)	517160	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	4.207	4.207	(1.075)	1201050	50.0000	51
	4 4-Methylphenol	108	4.360	4.360	(1.114)	482372	50.0000	46
	124 3 & 4 Methylphenol	108	4.360	4.360	(1.114)	479787	50.0000	46(A)
	104 Acetophenone	105	4.337	4.337	(1.108)	774854	50.0000	50
	25 N-Nitroso-di-n-propylamine	70	4.348	4.348	(1.111)	350303	50.0000	47
	26 Hexachloroethane	117	4.425	4.425	(1.131)	298237	50.0000	49
$	76 Nitrobenzene-d5 (SUR)	82	4.484	4.484	(0.861)	606712	50.0000	50
	27 Nitrobenzene	77	4.507	4.507	(0.866)	823624	50.0000	50
	107 N,N-Dimethylaniline	120	4.513	4.513	(1.153)	898574	50.0000	48
	28 Isophorone	82	4.754	4.754	(0.913)	1027952	50.0000	49
	5 2-Nitrophenol	139	4.825	4.825	(0.927)	319197	50.0000	48
	6 2,4-Dimethylphenol	122	4.895	4.895	(0.940)	494340	50.0000	49
	29 bis(2-Chloroethoxy)methane	93	4.984	4.984	(0.957)	610783	50.0000	49
	15 Benzoic Acid	122	5.054	5.054	(0.971)	161648	50.0000	36
	7 2,4-Dichlorophenol	162	5.078	5.078	(0.975)	470876	50.0000	48
	30 1,2,4-Trichlorobenzene	180	5.154	5.154	(0.990)	562035	50.0000	48
*	80 Naphthalene-d8	136	5.207	5.207	(1.000)	1291992	40.0000	
	31 Naphthalene	128	5.231	5.231	(1.005)	1737510	50.0000	49
	32 4-Chloroaniline	127	5.295	5.295	(1.017)	611432	50.0000	47
	33 Hexachlorobutadiene	225	5.372	5.372	(1.032)	339535	50.0000	49
	111 Caprolactam	113	5.684	5.684	(1.091)	113743	50.0000	43
	8 4-Chloro-3-methylphenol	107	5.813	5.813	(1.116)	424345	50.0000	49
	34 2-Methylnaphthalene	142	5.925	5.925	(1.138)	1057765	50.0000	49
	120 1-Methylnaphthalene	142	6.025	6.025	(1.157)	1017879	50.0000	48
	35 Hexachlorocyclopentadiene	237	6.095	6.095	(0.876)	347216	50.0000	54
	121 2-tert-Butyl-4-methylphenol	149	6.160	6.160	(1.183)	650658	50.0000	48
	9 2,4,6-Trichlorophenol	196	6.225	6.225	(0.894)	304995	50.0000	50
	10 2,4,5-Trichlorophenol	196	6.266	6.266	(0.900)	291469	50.0000	48
$	77 2-Fluorobiphenyl (SUR)	172	6.307	6.307	(0.906)	1067829	50.0000	50
	102 Diphenyl	154	6.401	6.401	(0.920)	1212153	50.0000	52
	36 2-Chloronaphthalene	162	6.413	6.413	(0.921)	925912	50.0000	50
	103 Diphenyl Ether	170	6.507	6.507	(0.935)	642452	50.0000	50
	37 2-Nitroaniline	65	6.525	6.525	(0.937)	304795	50.0000	54
	123 1,3-Dimethylnaphthalene	156	6.636	6.636	(0.954)	724745	50.0000	49
	38 Dimethylphthalate	163	6.719	6.719	(0.965)	857880	50.0000	47
	114 Coumarin	146	6.725	6.725	(0.966)	262500	50.0000	44
	40 2,6-Dinitrotoluene	165	6.772	6.772	(0.973)	200952	50.0000	48
	39 Acenaphthylene	152	6.819	6.819	(0.980)	1410703	50.0000	49
	41 3-Nitroaniline	138	6.936	6.936	(0.997)	191057	50.0000	43
*	82 Acenaphthene-d10	164	6.960	6.960	(1.000)	603479	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.007	7.007	(1.007)	699147	50.0000	49
	42 Acenaphthene	154	6.995	6.995	(1.005)	825214	50.0000	50
	11 2,4-Dinitrophenol	184	7.030	7.030	(1.010)	85408	50.0000	34
	12 4-Nitrophenol	65	7.125	7.125	(1.024)	123993	50.0000	44
	44 2,4-Dinitrotoluene	165	7.166	7.166	(1.030)	231421	50.0000	44
	43 Dibenzofuran	168	7.166	7.166	(1.030)	1099278	50.0000	47

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2082.d
Report Date: 21-Aug-2009 17:09

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
45	Diethylphthalate	149	7.419	7.419	(1.066)	830942	50.0000	46
47	Fluorene	166	7.501	7.501	(1.078)	866587	50.0000	47
46	4-Chlorophenyl-phenylether	204	7.513	7.513	(1.079)	422979	50.0000	49
48	4-Nitroaniline	138	7.536	7.536	(1.083)	152309	50.0000	40
13	4,6-Dinitro-2-methylphenol	198	7.566	7.566	(0.899)	111898	50.0000	46
49	N-Nitrosodiphenylamine	169	7.630	7.630	(0.906)	513030	50.0000	48
75	1,2-Diphenylhydrazine	77	7.666	7.666	(0.911)	903928	50.0000	52
$ 18	2,4,6-Tribromophenol (SUR)	330	7.742	7.742	(1.112)	114813	50.0000	45
50	4-Bromophenyl-phenylether	248	7.989	7.989	(0.949)	225176	50.0000	52
51	Hexachlorobenzene	284	8.048	8.048	(0.956)	242514	50.0000	50
112	Atrazine	200	8.172	8.172	(0.971)	179942	50.0000	49
14	Pentachlorophenol	266	8.242	8.242	(0.979)	125763	50.0000	44
115	n-Octadecane	57	8.354	8.354	(0.992)	598924	50.0000	55
* 83	Phenanthrene-d10	188	8.419	8.419	(1.000)	688742	40.0000	
52	Phenanthrene	178	8.442	8.442	(1.003)	985791	50.0000	48
53	Anthracene	178	8.489	8.489	(1.008)	976248	50.0000	48
54	Carbazole	167	8.654	8.654	(1.028)	779670	50.0000	45
55	Di-n-butylphthalate	149	9.019	9.019	(1.071)	1059894	50.0000	48
56	Fluoranthene	202	9.601	9.601	(1.140)	818567	50.0000	44
58	Benzidine	184	9.742	9.742	(1.157)	47163	50.0000	18
57	Pyrene	202	9.819	9.819	(0.885)	794865	50.0000	53
$ 78	Terphenyl-d14	244	9.989	9.989	(0.901)	459130	50.0000	51
59	Butylbenzylphthalate	149	10.495	10.495	(0.946)	313734	50.0000	52
109	2,3,7,8-TCDD (Screen)	322	10.577	10.577	(0.954)	771	0.50000	0.44(a)
60	3,3'-Dichlorobenzidine	252	11.060	11.060	(0.997)	140234	50.0000	50
61	Benzo(a)anthracene	228	11.077	11.077	(0.999)	464741	50.0000	47
* 81	Chrysene-d12	240	11.089	11.089	(1.000)	341542	40.0000	
63	bis(2-Ethylhexyl)phthalate	149	11.160	11.160	(1.006)	396479	50.0000	50
62	Chrysene	228	11.118	11.118	(1.003)	448298	50.0000	49
64	Di-n-octylphthalate	149	11.965	11.965	(0.928)	523661	50.0000	49
65	Benzo(b)fluoranthene	252	12.401	12.401	(0.962)	332860	50.0000	49
66	Benzo(k)fluoranthene	252	12.436	12.436	(0.965)	351051	50.0000	48
67	Benzo(a)pyrene	252	12.818	12.818	(0.995)	274276	50.0000	49
* 84	Perylene-d12	264	12.889	12.889	(1.000)	214025	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	14.283	14.283	(1.108)	223453	50.0000	56
69	Dibenz(a,h)anthracene	278	14.318	14.318	(1.111)	222781	50.0000	49
70	Benzo(g,h,i)perylene	276	14.642	14.642	(1.136)	224877	50.0000	55

QC Flag Legend

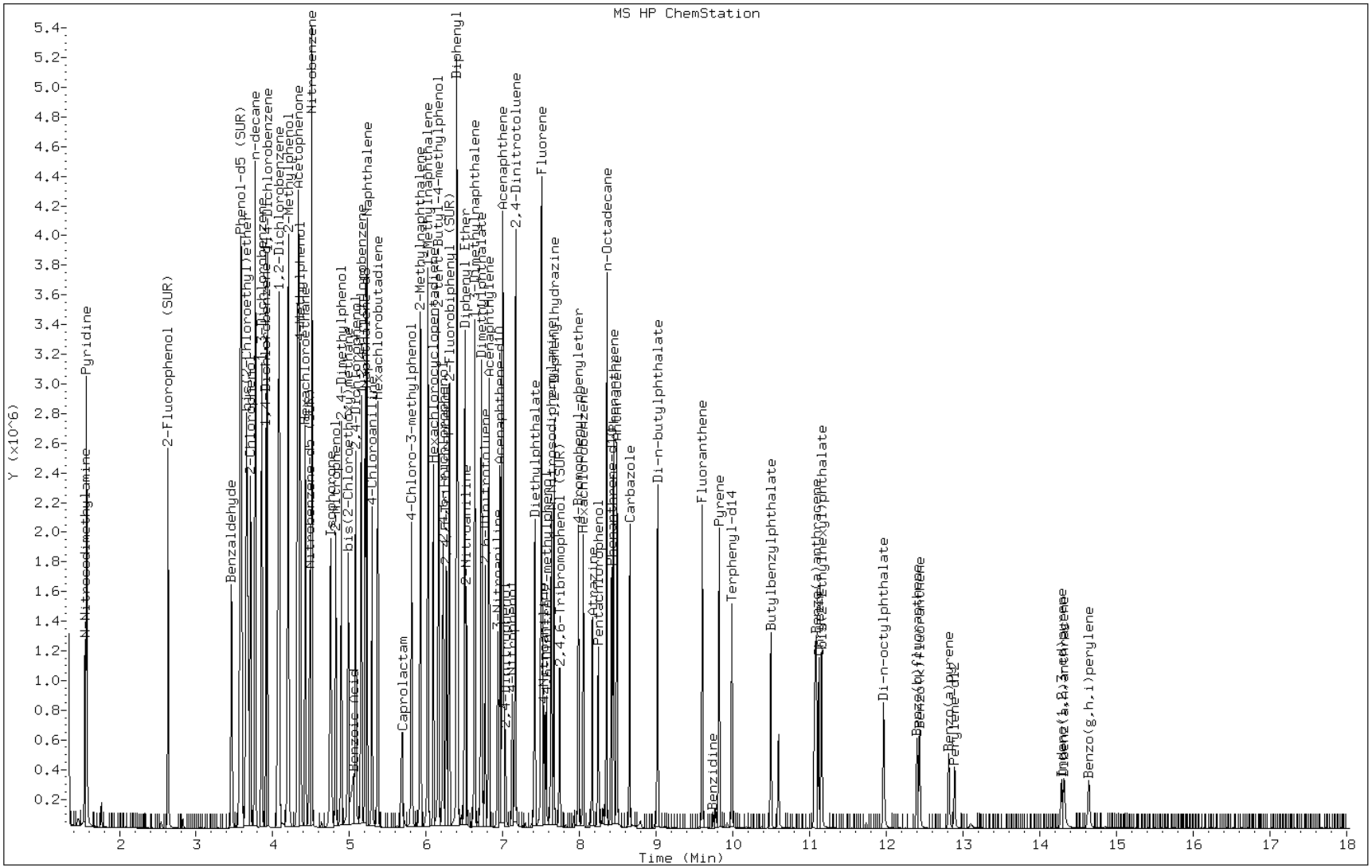
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: x2082.d

Date: 21-AUG-2009 16:52

Client ID: Instrument: BNAMS5.i

Sample Info: CCVIS-154120 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3492.d
Report Date: 31-Aug-2009 09:41

TestAmerica

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3492.d
Lab Smp Id: DFTPP-61180
Inj Date : 31-AUG-2009 00:49
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-61180
Misc Info : 25 ppm dftpp bna4379
Comment :
Method : /chem/BNAMS11.i/8270/08-23-09/31aug09.b/BNADFTPP.m
Meth Date : 22-Aug-2009 18:16 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

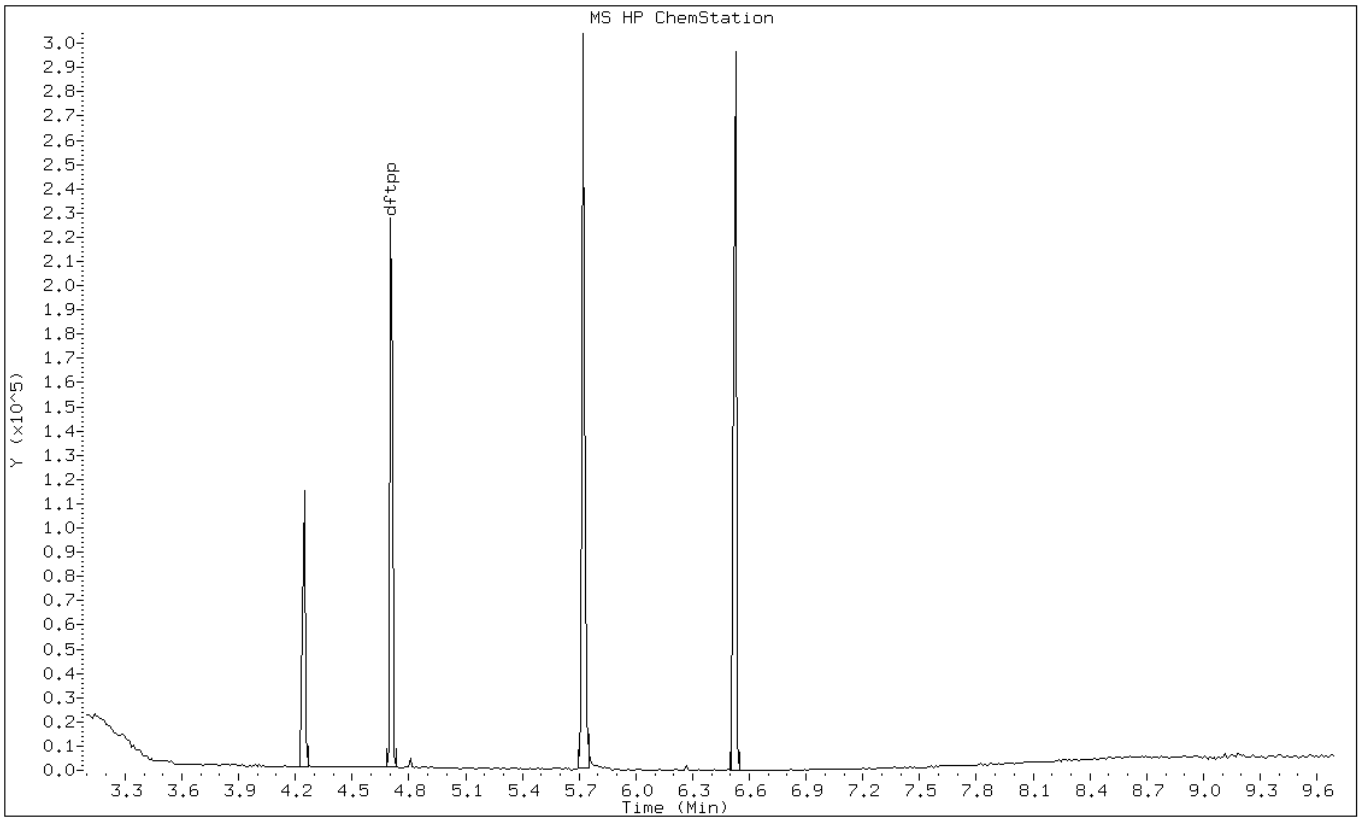
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	====	========	=======	=======	============	=====
1 dftpp						CAS #:		
4.704	4.850	-0.146	198	16115			0.00- 100.00	100.00
4.704	4.850	-0.146	51	7042			30.00- 60.00	43.70
4.704	4.850	-0.146	68	0			0.00- 2.00	0.00
4.704	4.850	-0.146	69	7981			0.00- 0.00	49.53
4.704	4.850	-0.146	70	0			0.00- 2.00	0.00
4.704	4.850	-0.146	127	8831			40.00- 60.00	54.80
4.704	4.850	-0.146	197	0			0.00- 1.00	0.00
4.704	4.850	-0.146	199	1068			5.00- 9.00	6.63
4.704	4.850	-0.146	275	3992			10.00- 30.00	24.77
4.704	4.850	-0.146	365	668			1.00- 0.00	4.15
4.704	4.850	-0.146	441	1624			0.01- 100.00	74.32
4.704	4.850	-0.146	442	11433			40.00- 110.00	70.95
4.704	4.850	-0.146	443	2185			17.00- 23.00	19.11

Data File: z3492.d

Date: 31-AUG-2009 00:49

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNAMS3



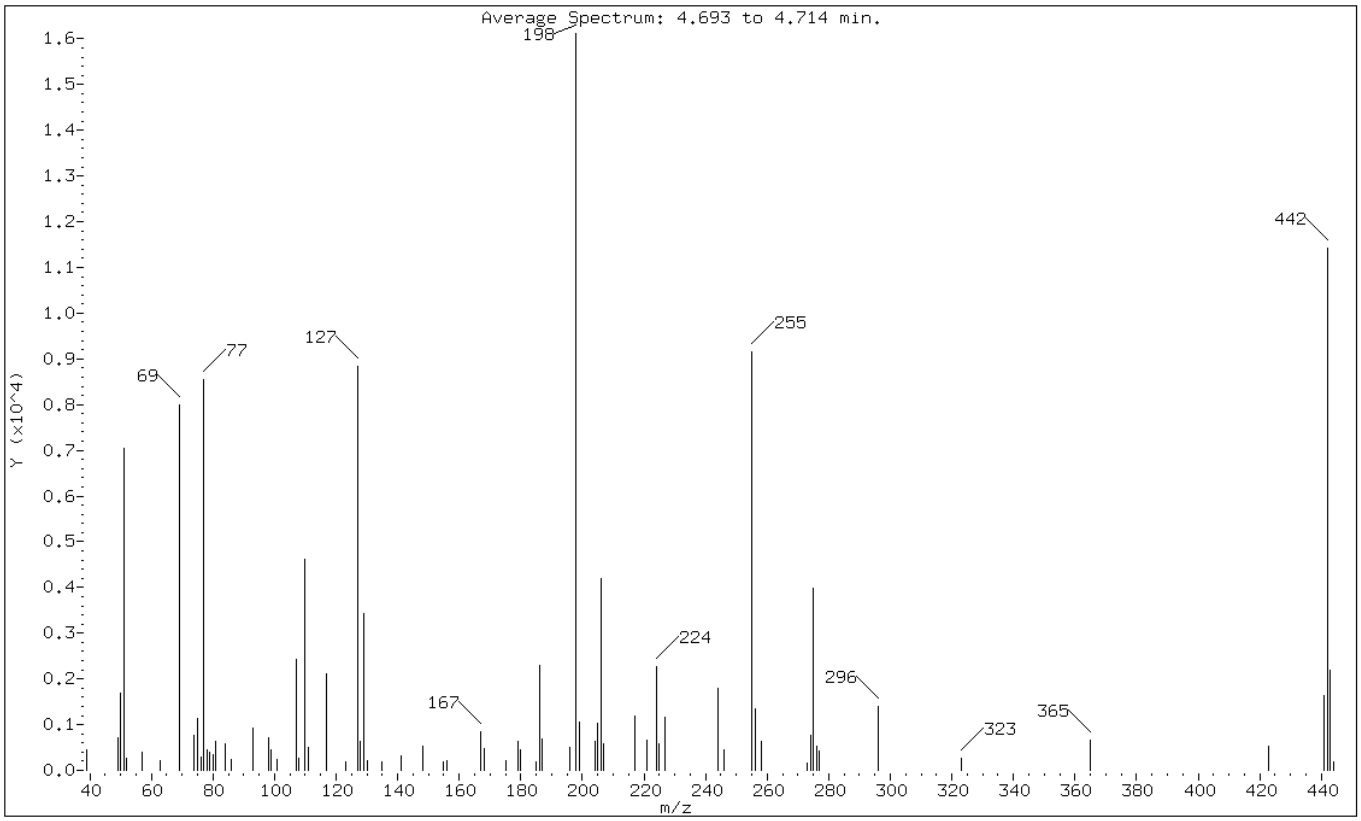
Data File: z3492.d

Date: 31-AUG-2009 00:49

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	43.70
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	49.53
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	54.80
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.63
275	10.00 - 30.00% of mass 198	24.77
365	Greater than 1.00% of mass 198	4.15
441	0.01 - 100.00% of mass 443	10.08 (74.32)
442	40.00 - 110.00% of mass 198	70.95
443	17.00 - 23.00% of mass 442	13.56 (19.11)

Data File: z3492.d

Date: 31-AUG-2009 00:49

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3492.d
Spectrum: Average Spectrum: 4.693 to 4.714 min.
Location of Maximum: 198.00
Number of points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	442	98.00	723	168.00	483	244.00	1803
49.00	714	99.00	440	175.00	206	246.00	438
50.00	1679	101.00	239	179.00	645	255.00	9149
51.00	7042	107.00	2429	180.00	440	256.00	1339
52.00	267	108.00	261	185.00	173	258.00	631
57.00	386	110.00	4615	186.00	2305	273.00	168
63.00	212	111.00	507	187.00	683	274.00	772
69.00	7981	117.00	2114	196.00	510	275.00	3992
74.00	752	123.00	197	198.00	16115	276.00	515
75.00	1138	127.00	8831	199.00	1068	277.00	418
76.00	283	128.00	629	204.00	643	296.00	1409
77.00	8546	129.00	3431	205.00	1037	323.00	266
78.00	449	130.00	209	206.00	4199	365.00	668
79.00	408	135.00	190	207.00	590	423.00	527
80.00	341	141.00	317	217.00	1190	441.00	1624
81.00	637	148.00	540	221.00	671	442.00	11433
84.00	580	155.00	176	224.00	2267	443.00	2185
86.00	242	156.00	215	225.00	592	444.00	172
93.00	926	167.00	843	227.00	1171		

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3549.d
Report Date: 01-Sep-2009 08:17

TestAmerica

Data file : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3549.d
Lab Smp Id: DFTPP-61180
Inj Date : 01-SEP-2009 07:52
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-61180
Misc Info : 25 ppm dftpp bna4379
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/BNADFTPP.m
Meth Date : 22-Aug-2009 18:16 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

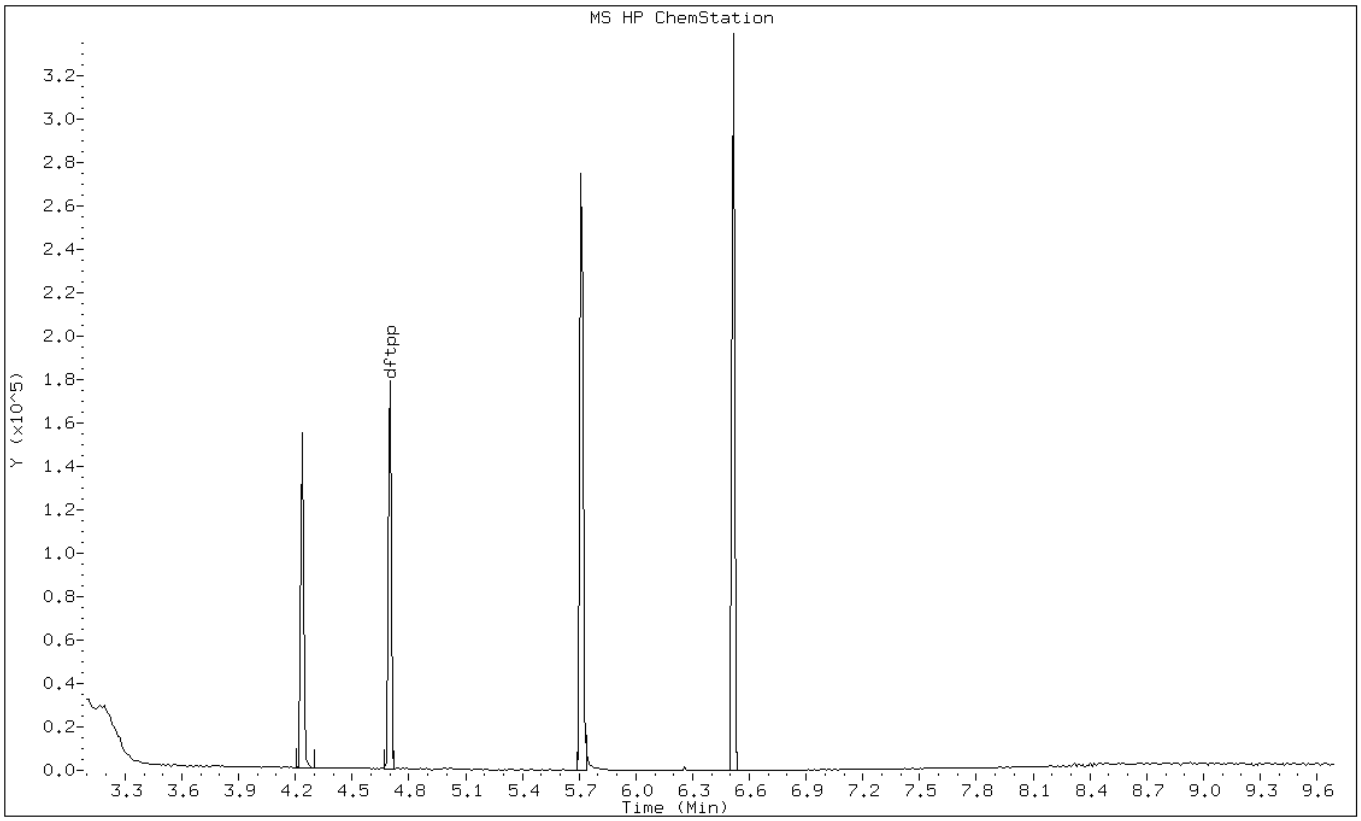
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.704	4.850	-0.146	198	14045			0.00- 100.00	100.00
4.704	4.850	-0.146	51	5920			30.00- 60.00	42.15
4.704	4.850	-0.146	68	0			0.00- 2.00	0.00
4.704	4.850	-0.146	69	6588			0.00- 0.00	46.91
4.704	4.850	-0.146	70	0			0.00- 2.00	0.00
4.704	4.850	-0.146	127	7306			40.00- 60.00	52.02
4.704	4.850	-0.146	197	0			0.00- 1.00	0.00
4.704	4.850	-0.146	199	895			5.00- 9.00	6.37
4.704	4.850	-0.146	275	3423			10.00- 30.00	24.37
4.704	4.850	-0.146	365	400			1.00- 0.00	2.85
4.704	4.850	-0.146	441	1400			0.01- 100.00	63.78
4.704	4.850	-0.146	442	10905			40.00- 110.00	77.64
4.704	4.850	-0.146	443	2195			17.00- 23.00	20.13

Data File: z3549.d

Date: 01-SEP-2009 07:52

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2



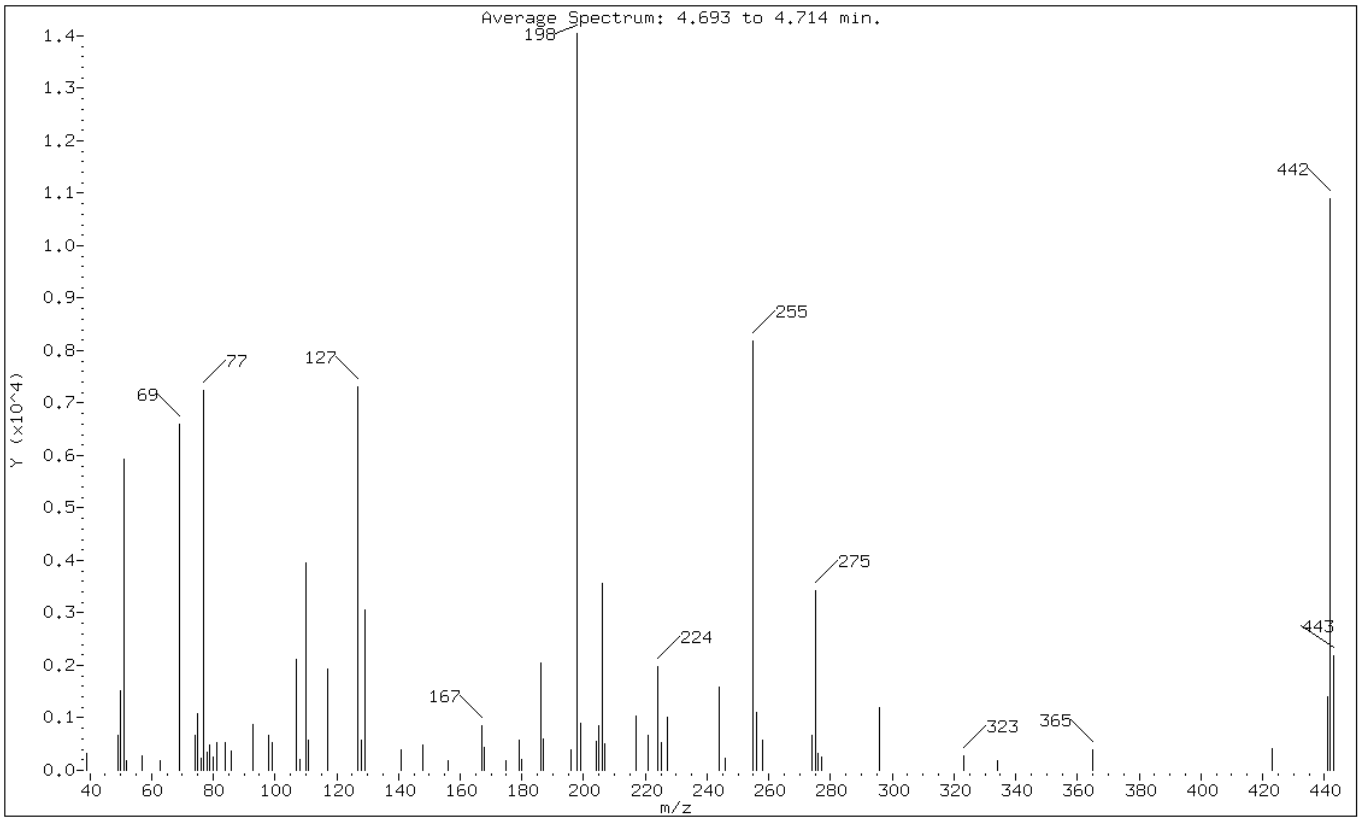
Data File: z3549.d

Date: 01-SEP-2009 07:52

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.15
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	46.91
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.02
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.37
275	10.00 - 30.00% of mass 198	24.37
365	Greater than 1.00% of mass 198	2.85
441	0.01 - 100.00% of mass 443	9.97 (63.78)
442	40.00 - 110.00% of mass 198	77.64
443	17.00 - 23.00% of mass 442	15.63 (20.13)

Data File: z3549.d

Date: 01-SEP-2009 07:52

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3549.d
Spectrum: Average Spectrum: 4.693 to 4.714 min.
Location of Maximum: 198.00
Number of points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	319	93.00	870	180.00	201	256.00	1110
49.00	674	98.00	674	186.00	2042	258.00	565
50.00	1514	99.00	534	187.00	596	274.00	678
51.00	5920	107.00	2123	196.00	386	275.00	3423
52.00	194	108.00	204	198.00	14045	276.00	322
57.00	274	110.00	3956	199.00	895	277.00	250
63.00	194	111.00	584	204.00	562	296.00	1196
69.00	6588	117.00	1923	205.00	852	323.00	276
74.00	676	127.00	7306	206.00	3570	334.00	189
75.00	1089	128.00	571	207.00	506	365.00	400
76.00	234	129.00	3047	217.00	1029	423.00	414
77.00	7240	141.00	400	221.00	661	441.00	1400
78.00	336	148.00	491	224.00	1968	442.00	10905
79.00	485	156.00	177	225.00	524	443.00	2195
80.00	260	167.00	841	227.00	1009		
81.00	529	168.00	437	244.00	1588		
84.00	535	175.00	180	246.00	232		
86.00	374	179.00	577	255.00	8191		

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1981.d
Report Date: 20-Aug-2009 10:09

TestAmerica

Data file : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1981.d
Lab Smp Id: DFTPP-61180
Inj Date : 19-AUG-2009 00:44
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-61180
Misc Info : 25 ppm dftpp std bna4379
Comment   :
Method   : /chem/BNAMS5.i/8270/08-19-09/19aug09.b/BNADFTPP.m
Meth Date : 12-Aug-2009 11:41 monica Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.465	4.700	-0.235	198	37937			0.00- 100.00	100.00
4.465	4.700	-0.235	51	13824			30.00- 60.00	36.44
4.465	4.700	-0.235	68	0			0.00- 2.00	0.00
4.465	4.700	-0.235	69	11489			0.00- 0.00	30.28
4.465	4.700	-0.235	70	0			0.00- 2.00	0.00
4.465	4.700	-0.235	127	15930			40.00- 60.00	41.99
4.465	4.700	-0.235	197	0			0.00- 1.00	0.00
4.465	4.700	-0.235	199	2640			5.00- 9.00	6.96
4.465	4.700	-0.235	275	8935			10.00- 30.00	23.55
4.465	4.700	-0.235	365	1246			1.00- 0.00	3.28
4.465	4.700	-0.235	441	4340			0.01- 100.00	77.29
4.465	4.700	-0.235	442	29212			40.00- 110.00	77.00
4.465	4.700	-0.235	443	5615			17.00- 23.00	19.22

Data File: x1981.d

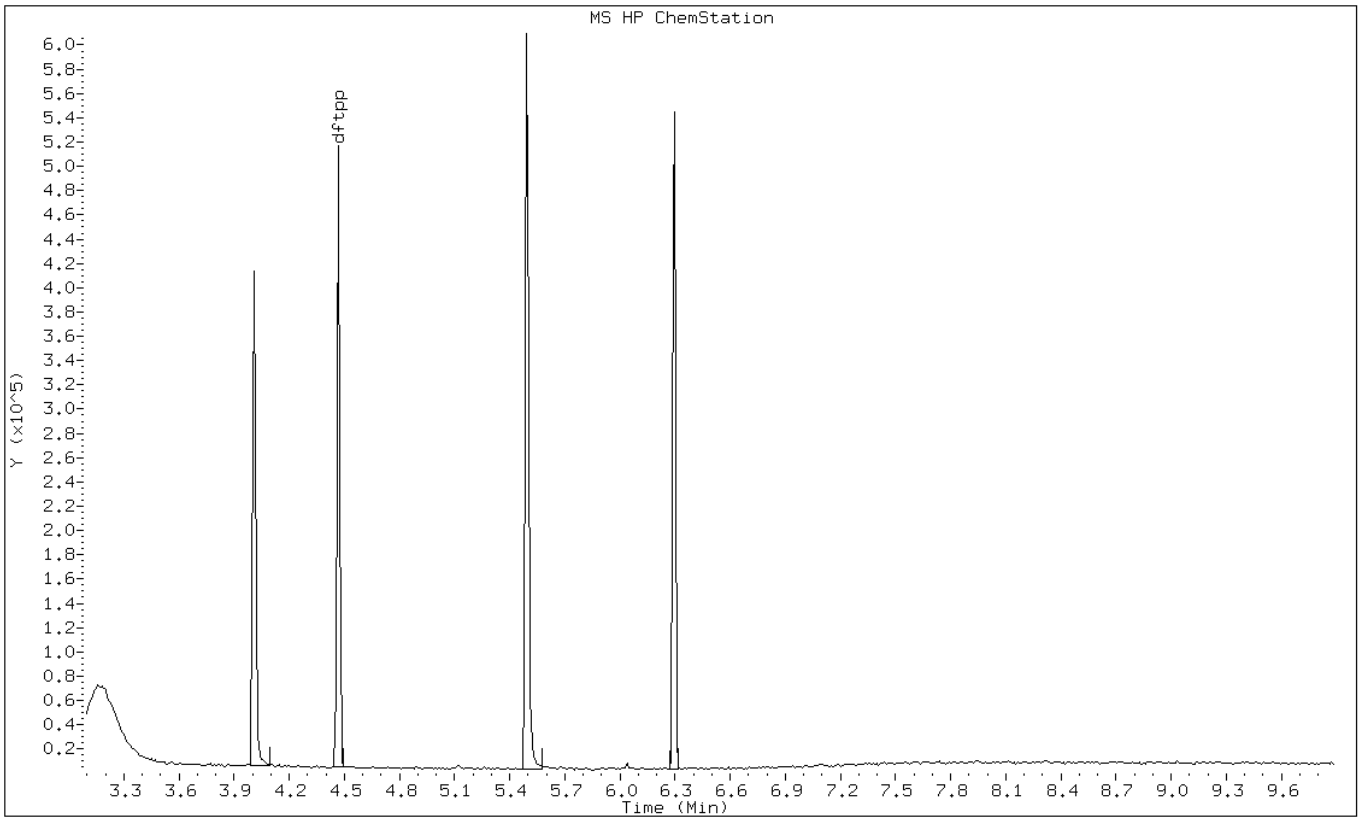
Date: 19-AUG-2009 00:44

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-61180

Operator: BNA2



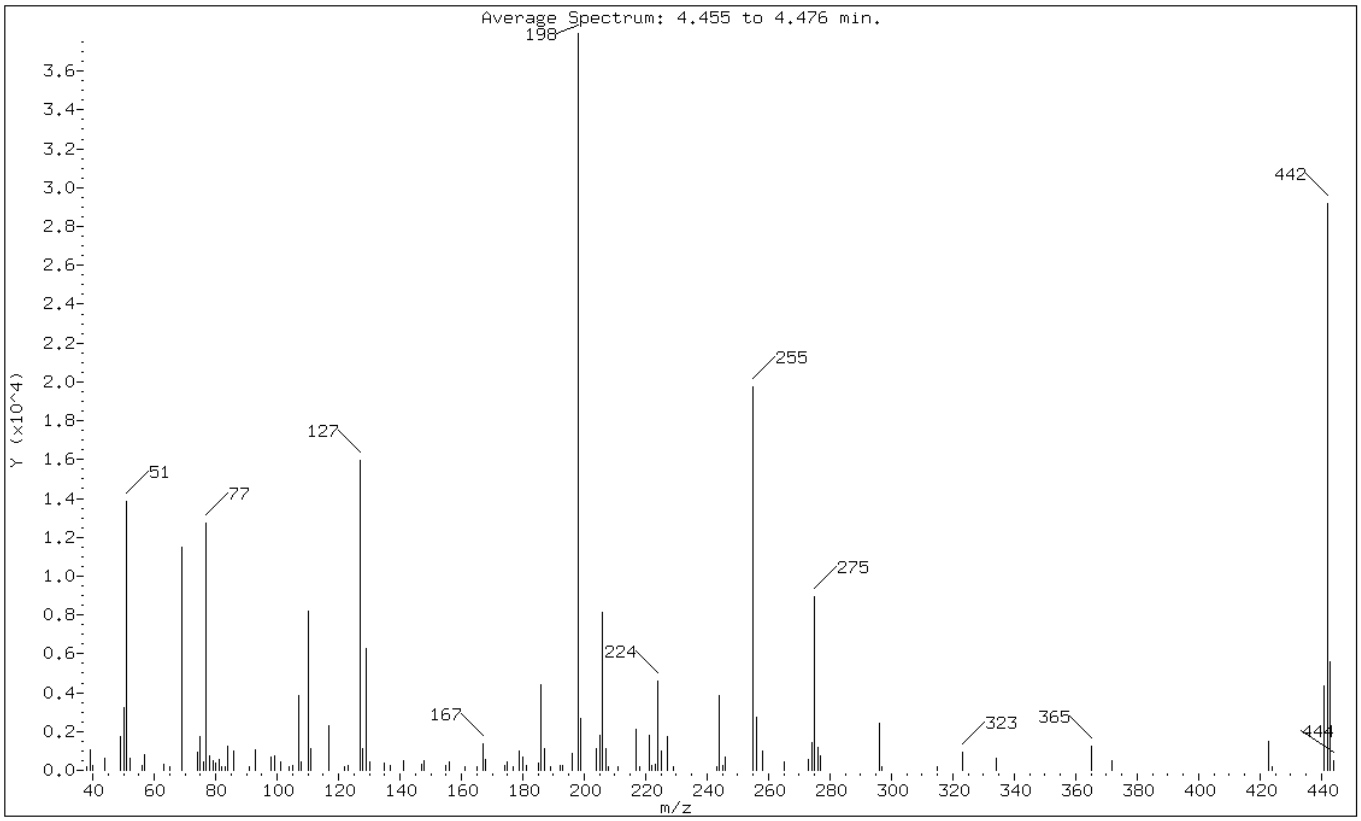
Data File: x1981.d

Date: 19-AUG-2009 00:44

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-61180 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	36.44
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	30.28
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	41.99
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.96
275	10.00 - 30.00% of mass 198	23.55
365	Greater than 1.00% of mass 198	3.28
441	0.01 - 100.00% of mass 443	11.44 (77.29)
442	40.00 - 110.00% of mass 198	77.00
443	17.00 - 23.00% of mass 442	14.80 (19.22)

Data File: x1981.d

Date: 19-AUG-2009 00:44

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-61180 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/08-19-09/19aug09.b/x1981.d
Spectrum: Average Spectrum: 4.455 to 4.476 min.
Location of Maximum: 198.00
Number of points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	169	99.00	748	177.00	172	243.00	183
39.00	1047	101.00	459	179.00	986	244.00	3873
40.00	249	104.00	195	180.00	713	245.00	273
44.00	597	105.00	263	181.00	234	246.00	669
49.00	1740	107.00	3849	185.00	372	255.00	19736
50.00	3229	108.00	436	186.00	4394	256.00	2752
51.00	13824	110.00	8182	187.00	1104	258.00	1019
52.00	648	111.00	1137	189.00	167	265.00	431
56.00	270	117.00	2325	192.00	255	273.00	531
57.00	831	122.00	186	193.00	226	274.00	1418
63.00	291	123.00	276	196.00	839	275.00	8935
65.00	186	127.00	15930	198.00	37936	276.00	1160
69.00	11489	128.00	1102	199.00	2640	277.00	716
74.00	949	129.00	6273	204.00	1132	296.00	2416
75.00	1711	130.00	428	205.00	1817	297.00	214
76.00	425	135.00	366	206.00	8147	315.00	177
77.00	12698	137.00	218	207.00	1110	323.00	957
78.00	763	141.00	519	208.00	201	334.00	629
79.00	502	147.00	285	211.00	204	365.00	1246
80.00	368	148.00	480	217.00	2104	372.00	519
81.00	570	155.00	273	218.00	173	423.00	1520
82.00	184	156.00	450	221.00	1816	424.00	168
83.00	187	161.00	192	222.00	231	441.00	4340
84.00	1222	165.00	194	223.00	327	442.00	29208
86.00	967	167.00	1339	224.00	4577	443.00	5615
91.00	193	168.00	548	225.00	998	444.00	521
93.00	1026	174.00	272	227.00	1766		
98.00	705	175.00	422	229.00	213		

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2081.d
Report Date: 21-Aug-2009 16:41

TestAmerica

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2081.d
Lab Smp Id: DFTPP-61180
Inj Date : 21-AUG-2009 16:37
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-61180
Misc Info : 25 ppm dftpp std bna4379
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/BNADFTPP.m
Meth Date : 12-Aug-2009 11:41 monica Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

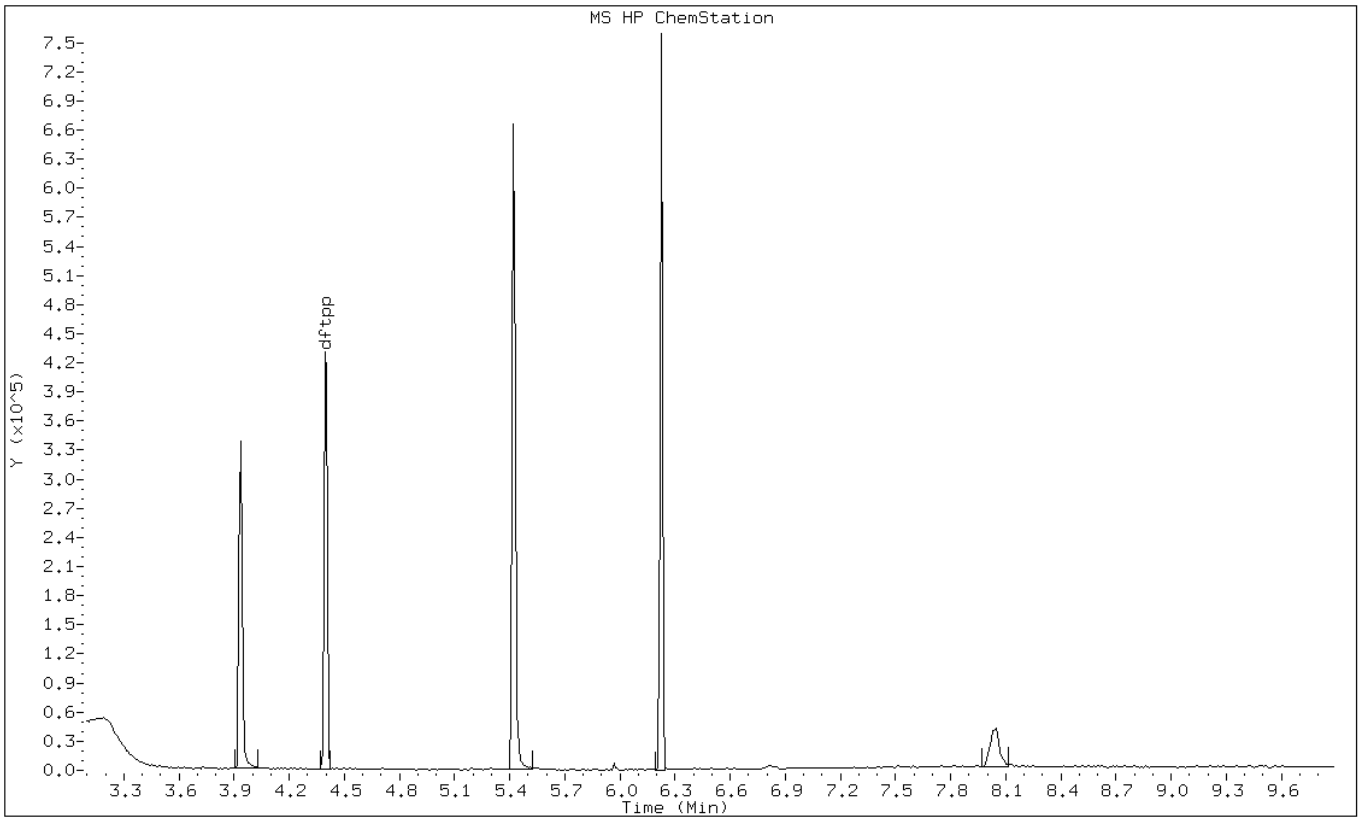
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.393	4.700	-0.307	198	39958			0.00- 100.00	100.00
4.393	4.700	-0.307	51	15402			30.00- 60.00	38.55
4.393	4.700	-0.307	68	0			0.00- 2.00	0.00
4.393	4.700	-0.307	69	13265			0.00- 0.00	33.20
4.393	4.700	-0.307	70	0			0.00- 2.00	0.00
4.393	4.700	-0.307	127	17584			40.00- 60.00	44.01
4.393	4.700	-0.307	197	0			0.00- 1.00	0.00
4.393	4.700	-0.307	199	2628			5.00- 9.00	6.58
4.393	4.700	-0.307	275	9214			10.00- 30.00	23.06
4.393	4.700	-0.307	365	1377			1.00- 0.00	3.45
4.393	4.700	-0.307	441	3940			0.01- 100.00	78.24
4.393	4.700	-0.307	442	26166			40.00- 110.00	65.48
4.393	4.700	-0.307	443	5036			17.00- 23.00	19.25

Data File: x2081.d

Date: 21-AUG-2009 16:37

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-61180 Operator: BNA2



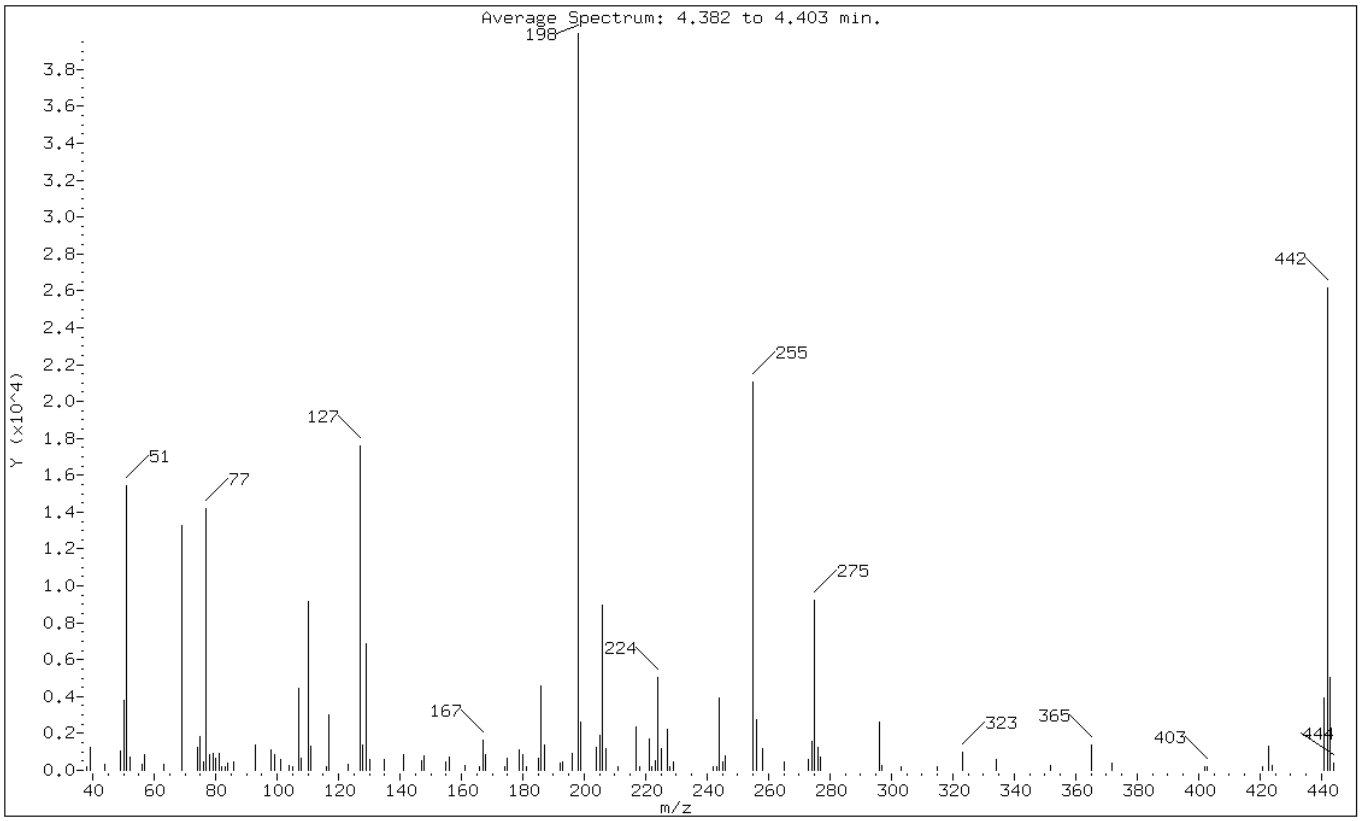
Data File: x2081.d

Date: 21-AUG-2009 16:37

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-61180 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	38.55
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	33.20
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	44.01
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.58
275	10.00 - 30.00% of mass 198	23.06
365	Greater than 1.00% of mass 198	3.45
441	0.01 - 100.00% of mass 443	9.86 (78.24)
442	40.00 - 110.00% of mass 198	65.48
443	17.00 - 23.00% of mass 442	12.60 (19.25)

Data File: x2081.d

Date: 21-AUG-2009 16:37

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-61180 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2081.d
Spectrum: Average Spectrum: 4.382 to 4.403 min.
Location of Maximum: 198.00
Number of points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	171	105.00	201	186.00	4578	256.00	2758
39.00	1243	107.00	4459	187.00	1401	258.00	1205
44.00	359	108.00	643	192.00	394	265.00	458
49.00	1016	110.00	9174	193.00	482	273.00	566
50.00	3778	111.00	1300	196.00	915	274.00	1554
51.00	15402	116.00	173	198.00	39952	275.00	9214
52.00	735	117.00	3017	199.00	2628	276.00	1224
56.00	313	123.00	307	204.00	1259	277.00	733
57.00	851	127.00	17584	205.00	1905	296.00	2620
63.00	331	128.00	1360	206.00	8984	297.00	243
69.00	13265	129.00	6865	207.00	1166	303.00	188
74.00	1217	130.00	591	211.00	177	315.00	205
75.00	1804	135.00	616	217.00	2365	323.00	953
76.00	461	141.00	876	218.00	184	334.00	610
77.00	14218	147.00	496	221.00	1728	352.00	240
78.00	881	148.00	816	222.00	168	365.00	1377
79.00	918	155.00	476	223.00	498	372.00	384
80.00	657	156.00	740	224.00	5044	402.00	178
81.00	904	161.00	248	225.00	1191	403.00	193
82.00	183	166.00	213	227.00	2210	421.00	215
83.00	224	167.00	1634	228.00	167	423.00	1334
84.00	363	168.00	825	229.00	426	424.00	280
86.00	463	174.00	185	242.00	175	441.00	3940
93.00	1376	175.00	676	243.00	182	442.00	26160
98.00	1121	179.00	1101	244.00	3905	443.00	5036
99.00	853	180.00	843	245.00	490	444.00	366
101.00	573	181.00	222	246.00	779		
104.00	246	185.00	665	255.00	21080		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-14834/1-A

Matrix: Water | Lab File ID: x2084.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 1000(mL) | Date Analyzed: 08/21/2009 17:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.89
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
105-60-2	Caprolactam	10	U	10	0.50
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-14834/1-A

Matrix: Water | Lab File ID: x2084.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 1000(mL) | Date Analyzed: 08/21/2009 17:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.4
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-14834/1-A

Matrix: Water | Lab File ID: x2084.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 1000(mL) | Date Analyzed: 08/21/2009 17:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	51	19-66	
321-60-8	2-Fluorobiphenyl	92	53-110	
4165-62-2	Phenol-d5	36	13-44	
4165-60-0	Nitrobenzene-d5	100	49-114	
118-79-6	2,4,6-Tribromophenol	106	52-122	
1718-51-0	Terphenyl-d14	107	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2084.d
Report Date: 24-Aug-2009 10:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2084.d
Lab Smp Id: MB 460-14834/1-A
Inj Date : 21-AUG-2009 17:48
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : MB 460-14834/1-A
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.637	2.637	(0.675)	324020	25.3919	51
$ 17 Phenol-d5 (SUR)	99	3.549	3.578	(0.908)	244756	17.8733	36
* 79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	387378	40.0000	
23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	2754	0.19109	0.38(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.472	4.484	(0.860)	630355	50.0415	100
* 80 Naphthalene-d8	136	5.201	5.207	(1.000)	1341226	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	1150169	45.7976	92
* 82 Acenaphthene-d10	164	6.960	6.960	(1.000)	709658	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.737	7.742	(1.112)	143399	53.1053	110
* 83 Phenanthrene-d10	188	8.413	8.419	(1.000)	908319	40.0000	
$ 78 Terphenyl-d14	244	9.989	9.989	(0.901)	634529	53.3995	110
* 81 Chrysene-d12	240	11.089	11.089	(1.000)	441970	40.0000	
* 84 Perylene-d12	264	12.895	12.889	(1.000)	275517	40.0000	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2084.d
Report Date: 24-Aug-2009 10:43

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x2084.d

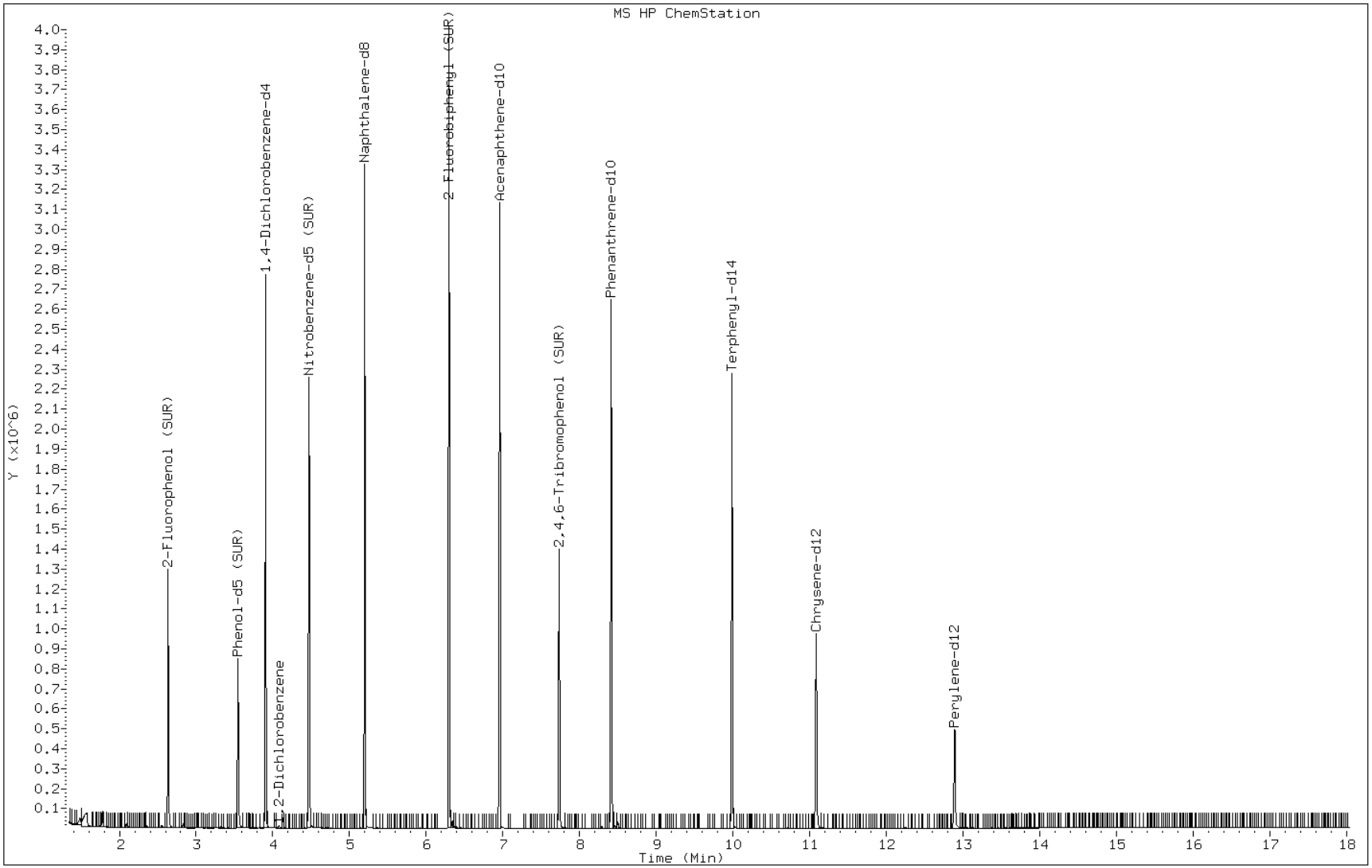
Date: 21-AUG-2009 17:48

Client ID:

Instrument: BNAMS5.i

Sample Info: MB 460-14834/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-15687/1-A

Matrix: Water | Lab File ID: z3552.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/31/2009 08:39

Sample wt/vol: 1000(mL) | Date Analyzed: 09/01/2009 09:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.3
108-95-2	Phenol	10	U	10	0.89
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
105-60-2	Caprolactam	10	U	10	0.50
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-15687/1-A

Matrix: Water | Lab File ID: z3552.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/31/2009 08:39

Sample wt/vol: 1000(mL) | Date Analyzed: 09/01/2009 09:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
92-52-4	Diphenyl	10	U	10	5.4
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-15687/1-A

Matrix: Water Lab File ID: z3552.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 08/31/2009 08:39

Sample wt/vol: 1000(mL) Date Analyzed: 09/01/2009 09:17

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	40	19-66	
321-60-8	2-Fluorobiphenyl	78	53-110	
4165-62-2	Phenol-d5	28	13-44	
4165-60-0	Nitrobenzene-d5	88	49-114	
118-79-6	2,4,6-Tribromophenol	86	52-122	
1718-51-0	Terphenyl-d14	87	46-129	

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3552.d
Report Date: 01-Sep-2009 11:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3552.d
Lab Smp Id: MB 460-15687/1-A
Inj Date : 01-SEP-2009 09:17
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-15687/1-A
Misc Info : MB 460-15687/1-A
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/8270C_08SP.m
Meth Date : 01-Sep-2009 08:44 croccom Quant Type: ISTD
Cal Date : 01-SEP-2009 08:10 Cal File: z3550.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.604	2.604	(0.675)	162245	19.8523	40
$ 17 Phenol-d5 (SUR)	99	3.510	3.528	(0.910)	130858	14.0202	28
* 79 1,4-Dichlorobenzene-d4	152	3.857	3.863	(1.000)	251579	40.0000	
23 1,2-Dichlorobenzene	146	4.034	4.034	(1.046)	1478	0.15089	0.30(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.422	4.434	(0.859)	391625	43.9284	88
* 80 Naphthalene-d8	136	5.145	5.151	(1.000)	902546	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.234	6.239	(0.904)	662458	39.1462	78
* 82 Acenaphthene-d10	164	6.892	6.892	(1.000)	486928	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.663	7.669	(1.112)	85104	43.1483	86
* 83 Phenanthrene-d10	188	8.339	8.339	(1.000)	700853	40.0000	
$ 78 Terphenyl-d14	244	9.910	9.910	(0.902)	523746	43.3600	87
* 81 Chrysene-d12	240	10.986	10.986	(1.000)	412967	40.0000	
* 84 Perylene-d12	264	12.757	12.757	(1.000)	234399	40.0000	

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3552.d
Report Date: 01-Sep-2009 11:50

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: z3552.d

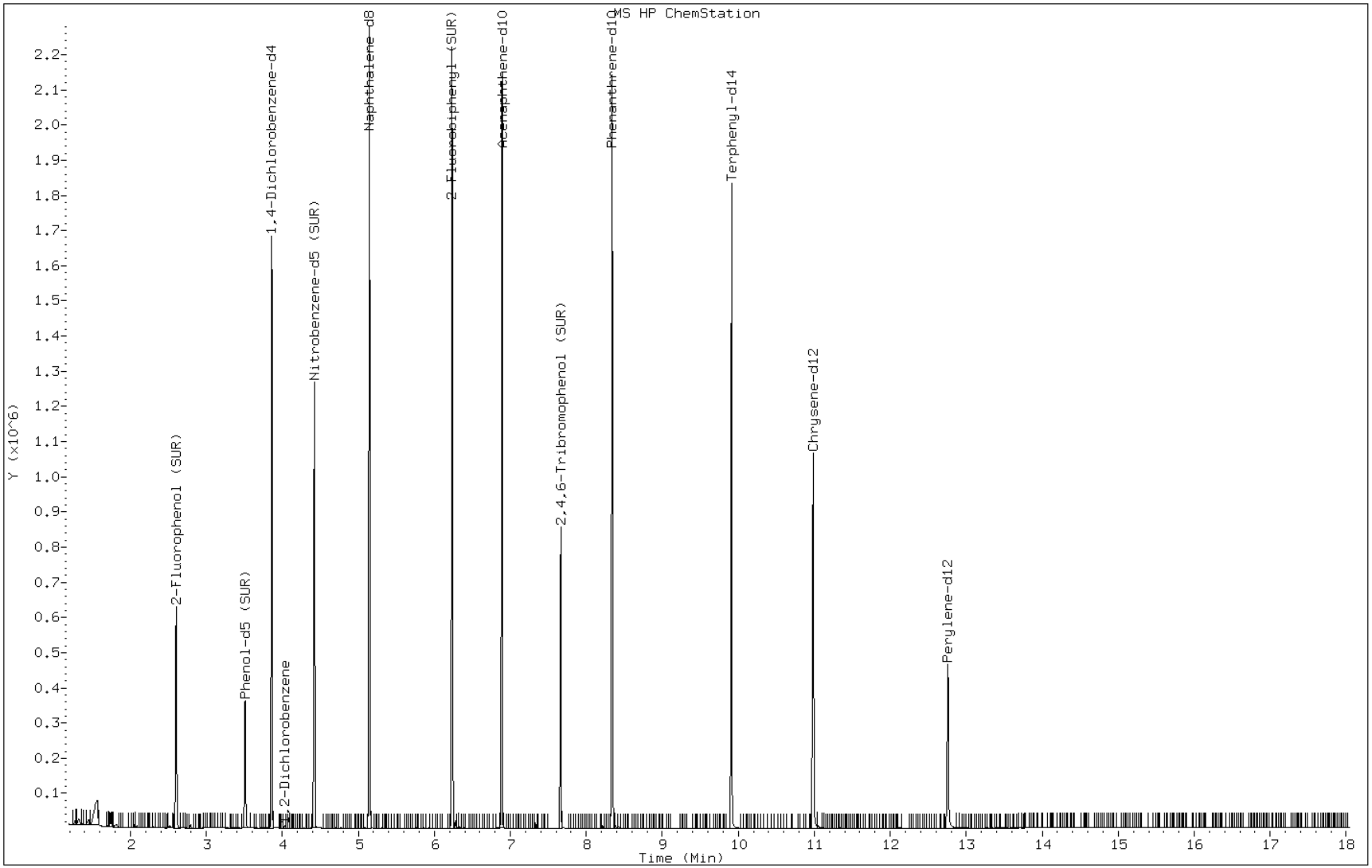
Date: 01-SEP-2009 09:17

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-15687/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-14834/2-A

Matrix: Water | Lab File ID: x2085.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 1000(mL) | Date Analyzed: 08/21/2009 18:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	120		10	1.3
108-95-2	Phenol	33.9		10	0.89
111-44-4	Bis(2-chloroethyl)ether	90.2		1.0	0.41
95-57-8	2-Chlorophenol	82.0		10	2.6
95-48-7	2-Methylphenol	70.6		10	1.7
98-86-2	Acetophenone	97.2		10	4.3
621-64-7	N-Nitrosodi-n-propylamine	104		1.0	0.32
67-72-1	Hexachloroethane	81.5		1.0	0.50
98-95-3	Nitrobenzene	93.5		1.0	0.41
78-59-1	Isophorone	95.6		10	3.6
88-75-5	2-Nitrophenol	98.9		10	3.4
105-67-9	2,4-Dimethylphenol	87.9		10	2.5
111-91-1	Bis(2-chloroethoxy)methane	98.2		10	3.5
120-83-2	2,4-Dichlorophenol	95.7		10	2.8
91-20-3	Naphthalene	91.4		10	3.7
106-47-8	4-Chloroaniline	94.3		10	2.1
87-68-3	Hexachlorobutadiene	87.1		2.0	0.94
105-60-2	Caprolactam	25.9		10	0.50
59-50-7	4-Chloro-3-methylphenol	91.4		10	2.0
91-57-6	2-Methylnaphthalene	94.5		10	3.1
77-47-4	Hexachlorocyclopentadiene	83.0		10	4.6
88-06-2	2,4,6-Trichlorophenol	96.4		10	3.2
95-95-4	2,4,5-Trichlorophenol	105		10	2.5
91-58-7	2-Chloronaphthalene	92.0		10	3.8
88-74-4	2-Nitroaniline	98.0		20	5.7
131-11-3	Dimethyl phthalate	108		10	3.3
208-96-8	Acenaphthylene	98.0		10	4.0
606-20-2	2,6-Dinitrotoluene	103		2.0	0.59
99-09-2	3-Nitroaniline	105		20	4.3
83-32-9	Acenaphthene	96.8		10	3.8
51-28-5	2,4-Dinitrophenol	92.9		30	4.8
100-02-7	4-Nitrophenol	32.0		30	2.3
132-64-9	Dibenzofuran	101		10	3.6
121-14-2	2,4-Dinitrotoluene	104		2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-14834/2-A

Matrix: Water | Lab File ID: x2085.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 1000(mL) | Date Analyzed: 08/21/2009 18:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	105		10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	98.0		10	3.9
86-73-7	Fluorene	102		10	3.3
100-01-6	4-Nitroaniline	106		20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	96.4		30	5.2
86-30-6	N-Nitrosodiphenylamine	109		10	3.9
101-55-3	4-Bromophenyl phenyl ether	93.3		10	3.9
118-74-1	Hexachlorobenzene	93.4		1.0	0.27
1912-24-9	Atrazine	83.0		10	4.8
87-86-5	Pentachlorophenol	89.4		30	5.1
85-01-8	Phenanthrene	98.3		10	3.6
120-12-7	Anthracene	97.7		10	3.6
86-74-8	Carbazole	103		10	3.1
84-74-2	Di-n-butyl phthalate	96.4		10	2.8
206-44-0	Fluoranthene	100		10	2.6
129-00-0	Pyrene	94.1		10	4.3
85-68-7	Butyl benzyl phthalate	96.7		10	2.8
91-94-1	3,3'-Dichlorobenzidine	108		20	7.0
56-55-3	Benzo[a]anthracene	99.6		1.0	0.27
218-01-9	Chrysene	101		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	93.9		10	2.4
117-84-0	Di-n-octyl phthalate	95.3		10	1.9
205-99-2	Benzo[b]fluoranthene	97.6		1.0	0.21
207-08-9	Benzo[k]fluoranthene	98.7		1.0	0.30
50-32-8	Benzo[a]pyrene	92.3		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	87.1		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	98.1		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	95.9		10	2.7
92-52-4	Diphenyl	94.4		10	5.4
106-44-5	4-Methylphenol	66.0		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	92.5		10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-14834/2-A

Matrix: Water Lab File ID: x2085.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 1000(mL) Date Analyzed: 08/21/2009 18:13

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15036 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	48	19-66	
321-60-8	2-Fluorobiphenyl	100	53-110	
4165-62-2	Phenol-d5	32	13-44	
4165-60-0	Nitrobenzene-d5	102	49-114	
118-79-6	2,4,6-Tribromophenol	107	52-122	
1718-51-0	Terphenyl-d14	105	46-129	

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2085.d
Report Date: 22-Aug-2009 21:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2085.d
Lab Smp Id: LCS 460-14834/2-A
Inj Date : 21-AUG-2009 18:13
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCS 460-14834/2-A
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/8270C_08SP.m
Meth Date : 21-Aug-2009 17:09 czhao Quant Type: ISTD
Cal Date : 21-AUG-2009 16:52 Cal File: x2082.d
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	19 N-Nitrosodimethylamine	74	1.543	1.554	(0.395)	159415	24.8315	50
	71 Pyridine	79	1.572	1.572	(0.402)	227384	20.2668	40
$	16 2-Fluorophenol (SUR)	112	2.631	2.637	(0.673)	256206	23.8829	48
	110 Benzaldehyde	77	3.460	3.460	(0.886)	341352	59.7536	120
$	17 Phenol-d5 (SUR)	99	3.554	3.578	(0.910)	183632	15.9513	32
	1 Phenol	94	3.572	3.590	(0.914)	216031	16.9566	34
	73 Aniline	93	3.572	3.584	(0.914)	464192	31.0430	62
	20 bis(2-Chloroethyl)ether	93	3.648	3.660	(0.934)	474412	45.0914	90
	2 2-Chlorophenol	128	3.695	3.707	(0.946)	453369	41.0200	82
	21 1,3-Dichlorobenzene	146	3.848	3.854	(0.985)	557578	42.2555	84
*	79 1,4-Dichlorobenzene-d4	152	3.907	3.913	(1.000)	325657	40.0000	
	22 1,4-Dichlorobenzene	146	3.925	3.931	(1.004)	548701	41.6797	83
	74 Benzyl Alcohol	108	4.060	4.072	(1.039)	250818	37.1627	74
	23 1,2-Dichlorobenzene	146	4.078	4.084	(1.044)	517564	42.7185	85
	3 2-Methylphenol	108	4.190	4.201	(1.072)	307214	35.3041	71

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2085.d
Report Date: 22-Aug-2009 21:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	24 bis (2-chloroisopropyl) ether	45	4.201	4.207	(1.075)	934177	46.2250	92
	4 4-Methylphenol	108	4.348	4.360	(1.113)	268008	33.0198	66
	124 3 & 4 Methylphenol	108	4.348	4.360	(1.113)	268322	33.2366	66(A)
	104 Acetophenone	105	4.325	4.337	(1.107)	633534	48.5914	97
	25 N-Nitroso-di-n-propylamine	70	4.342	4.348	(1.111)	305579	51.8428	100
	26 Hexachloroethane	117	4.425	4.425	(1.132)	204482	40.7477	81
$	76 Nitrobenzene-d5 (SUR)	82	4.478	4.484	(0.860)	507031	51.1184	100
	27 Nitrobenzene	77	4.501	4.507	(0.864)	629663	46.7632	94
	107 N,N-Dimethylaniline	120	4.507	4.513	(1.154)	613286	40.5619	81
	28 Isophorone	82	4.748	4.754	(0.912)	803332	47.8021	96
	5 2-Nitrophenol	139	4.819	4.825	(0.925)	257932	49.4278	99
	6 2,4-Dimethylphenol	122	4.889	4.895	(0.939)	355044	43.9321	88
	29 bis(2-Chloroethoxy)methane	93	4.978	4.984	(0.956)	490428	49.1149	98
	7 2,4-Dichlorophenol	162	5.072	5.078	(0.974)	368467	47.8649	96
	30 1,2,4-Trichlorobenzene	180	5.154	5.154	(0.990)	391306	42.5871	85
*	80 Naphthalene-d8	136	5.207	5.207	(1.000)	1056099	40.0000	
	31 Naphthalene	128	5.225	5.231	(1.003)	1297633	45.6825	91
	32 4-Chloroaniline	127	5.289	5.295	(1.016)	471374	47.1566	94
	33 Hexachlorobutadiene	225	5.366	5.372	(1.030)	241853	43.5705	87
	111 Caprolactam	113	5.648	5.684	(1.085)	24084	12.9518	26
	8 4-Chloro-3-methylphenol	107	5.801	5.813	(1.114)	316880	45.6774	91
	34 2-Methylnaphthalene	142	5.925	5.925	(1.138)	817098	47.2509	94
	35 Hexachlorocyclopentadiene	237	6.095	6.095	(0.876)	243900	41.5127	83
	9 2,4,6-Trichlorophenol	196	6.219	6.225	(0.894)	248655	48.1808	96
	10 2,4,5-Trichlorophenol	196	6.254	6.266	(0.899)	257847	52.2804	100
$	77 2-Fluorobiphenyl (SUR)	172	6.301	6.307	(0.905)	899824	49.7995	100
	102 Diphenyl	154	6.395	6.401	(0.919)	967724	47.1806	94
	36 2-Chloronaphthalene	162	6.407	6.413	(0.921)	720672	45.9978	92
	103 Diphenyl Ether	170	6.507	6.507	(0.935)	512007	47.0982	94
	37 2-Nitroaniline	65	6.519	6.525	(0.937)	252596	48.9765	98
	38 Dimethylphthalate	163	6.719	6.719	(0.965)	782049	53.8737	110
	40 2,6-Dinitrotoluene	165	6.766	6.772	(0.972)	175432	51.5924	100
	39 Acenaphthylene	152	6.819	6.819	(0.980)	1169970	49.0127	98
	41 3-Nitroaniline	138	6.931	6.936	(0.996)	170099	52.6148	100(R)
*	82 Acenaphthene-d10	164	6.960	6.960	(1.000)	510579	40.0000	
	42 Acenaphthene	154	6.995	6.995	(1.005)	675558	48.3799	97
	11 2,4-Dinitrophenol	184	7.030	7.030	(1.010)	67159	46.4702	93
	12 4-Nitrophenol	65	7.119	7.125	(1.023)	33551	15.9911	32
	44 2,4-Dinitrotoluene	165	7.160	7.166	(1.029)	204497	52.2220	100
	43 Dibenzofuran	168	7.166	7.166	(1.030)	939768	50.5222	100
	45 Diethylphthalate	149	7.413	7.419	(1.065)	738837	52.5469	100
	47 Fluorene	166	7.501	7.501	(1.078)	751377	51.2407	100
	46 4-Chlorophenyl-phenylether	204	7.507	7.513	(1.079)	350845	49.0191	98
	48 4-Nitroaniline	138	7.536	7.536	(1.083)	136617	53.0089	110
	13 4,6-Dinitro-2-methylphenol	198	7.566	7.566	(0.899)	99826	48.2006	96
	49 N-Nitrosodiphenylamine	169	7.630	7.630	(0.907)	518679	54.6245	110
	75 1,2-Diphenylhydrazine	77	7.666	7.666	(0.911)	773479	46.2324	92

Data File: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b/x2085.d
Report Date: 22-Aug-2009 21:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$	18 2,4,6-Tribromophenol (SUR)	330	7.736	7.742	(1.112)	104352	53.7129	110
	50 4-Bromophenyl-phenylether	248	7.989	7.989	(0.950)	194352	46.6335	93
	51 Hexachlorobenzene	284	8.048	8.048	(0.957)	209646	46.7069	93
	112 Atrazine	200	8.166	8.172	(0.971)	138234	41.5063	83
	14 Pentachlorophenol	266	8.242	8.242	(0.980)	104095	44.7207	89
*	83 Phenanthrene-d10	188	8.413	8.419	(1.000)	637375	40.0000	
	52 Phenanthrene	178	8.436	8.442	(1.003)	896757	49.1498	98
	53 Anthracene	178	8.489	8.489	(1.009)	882369	48.8339	98
	54 Carbazole	167	8.654	8.654	(1.029)	741618	51.3926	100
	55 Di-n-butylphthalate	149	9.019	9.019	(1.072)	945416	48.1939	96
	56 Fluoranthene	202	9.601	9.601	(1.141)	758584	50.0704	100
	58 Benzidine	184	9.742	9.742	(1.158)	29070	33.3024	67(R)
	57 Pyrene	202	9.819	9.819	(0.885)	736865	47.0611	94
$	78 Terphenyl-d14	244	9.989	9.989	(0.901)	474163	52.4275	100
	59 Butylbenzylphthalate	149	10.495	10.495	(0.946)	298759	48.3422	97
	60 3,3'-Dichlorobenzidine	252	11.066	11.060	(0.998)	149654	54.1754	110(R)
	61 Benzo(a)anthracene	228	11.077	11.077	(0.999)	455790	49.7876	100
*	81 Chrysene-d12	240	11.089	11.089	(1.000)	336393	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.160	11.160	(1.006)	366740	46.9575	94
	62 Chrysene	228	11.118	11.118	(1.003)	445393	50.4364	100
	64 Di-n-octylphthalate	149	11.965	11.965	(0.928)	497694	47.6714	95
	65 Benzo(b)fluoranthene	252	12.401	12.401	(0.962)	323998	48.8232	98
	66 Benzo(k)fluoranthene	252	12.436	12.436	(0.964)	345566	49.3750	99
	67 Benzo(a)pyrene	252	12.818	12.818	(0.994)	252465	46.1699	92
*	84 Perylene-d12	264	12.895	12.889	(1.000)	213348	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.283	14.283	(1.108)	194112	43.5725	87
	69 Dibenz(a,h)anthracene	278	14.318	14.318	(1.110)	217936	49.0678	98
	70 Benzo(g,h,i)perylene	276	14.642	14.642	(1.135)	214864	47.9253	96

QC Flag Legend

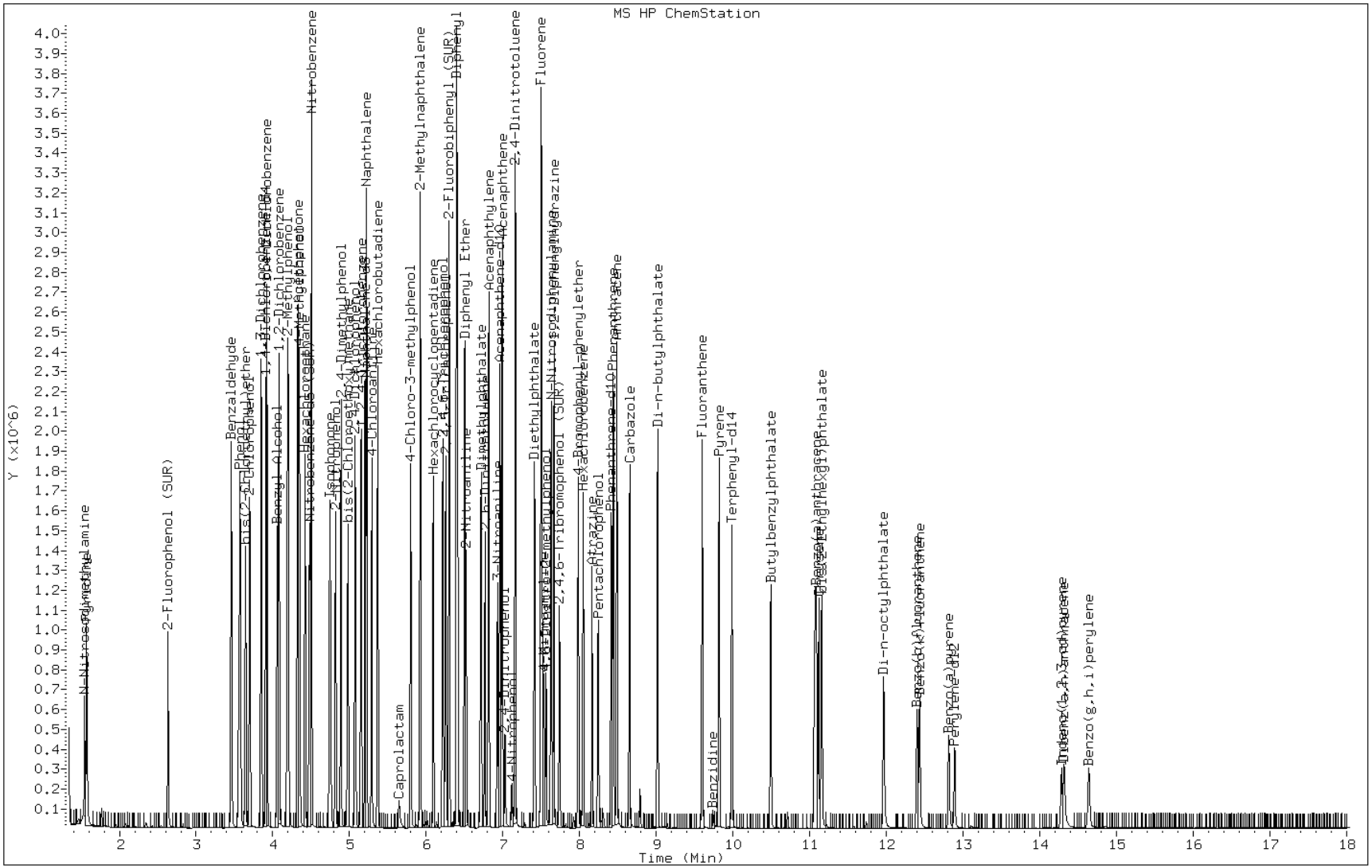
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: x2085.d

Date: 21-AUG-2009 18:13

Client ID: Instrument: BNAMS5.i

Sample Info: LCS 460-14834/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-15687/2-A

Matrix: Water | Lab File ID: z3553.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/31/2009 08:39

Sample wt/vol: 1000(mL) | Date Analyzed: 09/01/2009 09:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	192		10	1.3
108-95-2	Phenol	30.6		10	0.89
111-44-4	Bis(2-chloroethyl)ether	80.8		1.0	0.41
95-57-8	2-Chlorophenol	72.4		10	2.6
95-48-7	2-Methylphenol	62.3		10	1.7
98-86-2	Acetophenone	87.7		10	4.3
621-64-7	N-Nitrosodi-n-propylamine	88.4		1.0	0.32
67-72-1	Hexachloroethane	71.0		1.0	0.50
98-95-3	Nitrobenzene	80.5		1.0	0.41
78-59-1	Isophorone	80.6		10	3.6
88-75-5	2-Nitrophenol	83.1		10	3.4
105-67-9	2,4-Dimethylphenol	79.3		10	2.5
111-91-1	Bis(2-chloroethoxy)methane	82.8		10	3.5
120-83-2	2,4-Dichlorophenol	83.4		10	2.8
91-20-3	Naphthalene	78.7		10	3.7
106-47-8	4-Chloroaniline	81.0		10	2.1
87-68-3	Hexachlorobutadiene	73.6		2.0	0.94
105-60-2	Caprolactam	15.6		10	0.50
59-50-7	4-Chloro-3-methylphenol	77.6		10	2.0
91-57-6	2-Methylnaphthalene	82.8		10	3.1
77-47-4	Hexachlorocyclopentadiene	67.0		10	4.6
88-06-2	2,4,6-Trichlorophenol	88.5		10	3.2
95-95-4	2,4,5-Trichlorophenol	88.2		10	2.5
91-58-7	2-Chloronaphthalene	82.3		10	3.8
88-74-4	2-Nitroaniline	82.4		20	5.7
131-11-3	Dimethyl phthalate	84.1		10	3.3
208-96-8	Acenaphthylene	83.8		10	4.0
606-20-2	2,6-Dinitrotoluene	84.1		2.0	0.59
99-09-2	3-Nitroaniline	86.0		20	4.3
83-32-9	Acenaphthene	82.4		10	3.8
51-28-5	2,4-Dinitrophenol	64.3		30	4.8
100-02-7	4-Nitrophenol	23.0	J	30	2.3
132-64-9	Dibenzofuran	83.5		10	3.6
121-14-2	2,4-Dinitrotoluene	81.8		2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-15687/2-A

Matrix: Water | Lab File ID: z3553.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/31/2009 08:39

Sample wt/vol: 1000(mL) | Date Analyzed: 09/01/2009 09:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	84.4		10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	82.6		10	3.9
86-73-7	Fluorene	83.4		10	3.3
100-01-6	4-Nitroaniline	88.7		20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	79.7		30	5.2
86-30-6	N-Nitrosodiphenylamine	93.1		10	3.9
101-55-3	4-Bromophenyl phenyl ether	84.9		10	3.9
118-74-1	Hexachlorobenzene	82.3		1.0	0.27
1912-24-9	Atrazine	68.7		10	4.8
87-86-5	Pentachlorophenol	74.5		30	5.1
85-01-8	Phenanthrene	83.2		10	3.6
120-12-7	Anthracene	80.9		10	3.6
86-74-8	Carbazole	85.7		10	3.1
84-74-2	Di-n-butyl phthalate	81.0		10	2.8
206-44-0	Fluoranthene	80.0		10	2.6
129-00-0	Pyrene	84.3		10	4.3
85-68-7	Butyl benzyl phthalate	81.5		10	2.8
91-94-1	3,3'-Dichlorobenzidine	103		20	7.0
56-55-3	Benzo[a]anthracene	82.0		1.0	0.27
218-01-9	Chrysene	85.0		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	79.5		10	2.4
117-84-0	Di-n-octyl phthalate	76.3		10	1.9
205-99-2	Benzo[b]fluoranthene	80.4		1.0	0.21
207-08-9	Benzo[k]fluoranthene	83.6		1.0	0.30
50-32-8	Benzo[a]pyrene	73.2		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	82.0		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	84.5		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	83.6		10	2.7
92-52-4	Diphenyl	86.1		10	5.4
106-44-5	4-Methylphenol	60.3		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	81.5		10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-15687/2-A

Matrix: Water Lab File ID: z3553.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 08/31/2009 08:39

Sample wt/vol: 1000(mL) Date Analyzed: 09/01/2009 09:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	41	19-66	
321-60-8	2-Fluorobiphenyl	85	53-110	
4165-62-2	Phenol-d5	27	13-44	
4165-60-0	Nitrobenzene-d5	85	49-114	
118-79-6	2,4,6-Tribromophenol	88	52-122	
1718-51-0	Terphenyl-d14	89	46-129	

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3553.d
Report Date: 01-Sep-2009 11:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3553.d
Lab Smp Id: LCS 460-15687/2-A
Inj Date : 01-SEP-2009 09:42
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-15687/2-A
Misc Info : LCS 460-15687/2-A
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/8270C_08SP.m
Meth Date : 01-Sep-2009 08:44 croccom Quant Type: ISTD
Cal Date : 01-SEP-2009 08:10 Cal File: z3550.d
Als bottle: 5 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.322	1.304	(0.342)	59364	20.2960	40
	19 N-Nitrosodimethylamine	74	1.528	1.516	(0.396)	90035	19.7977	40
	71 Pyridine	79	1.551	1.540	(0.402)	141731	17.8289	36
$	16 2-Fluorophenol (SUR)	112	2.604	2.604	(0.674)	155839	20.2992	40
	110 Benzaldehyde	77	3.416	3.416	(0.884)	263137	96.0432	190(R)
$	17 Phenol-d5 (SUR)	99	3.516	3.528	(0.910)	118469	13.5121	27
	1 Phenol	94	3.528	3.545	(0.913)	149188	15.2990	30
	73 Aniline	93	3.534	3.534	(0.915)	322214	28.0257	56
	20 bis(2-Chloroethyl)ether	93	3.604	3.610	(0.933)	322746	40.4188	81
	2 2-Chlorophenol	128	3.657	3.657	(0.947)	300328	36.2127	72
	21 1,3-Dichlorobenzene	146	3.804	3.810	(0.985)	355625	36.0590	72
*	79 1,4-Dichlorobenzene-d4	152	3.863	3.863	(1.000)	236326	40.0000	
	22 1,4-Dichlorobenzene	146	3.881	3.881	(1.005)	363832	36.6989	73
	74 Benzyl Alcohol	108	4.016	4.022	(1.040)	157038	30.9249	62
	23 1,2-Dichlorobenzene	146	4.034	4.034	(1.044)	340134	36.9657	74

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3553.d
Report Date: 01-Sep-2009 11:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
3	2-Methylphenol	108	4.145	4.151	(1.073)	211655	31.1484	62
24	bis (2-chloroisopropyl) ether	45	4.157	4.157	(1.076)	326494	40.7662	82
104	Acetophenone	105	4.281	4.287	(1.108)	437491	43.8651	88
4	4-Methylphenol	108	4.304	4.310	(1.114)	192931	30.1258	60
124	3 & 4 methylphenol	108	4.304	4.310	(1.114)	193300	30.1834	60
25	N-Nitroso-di-n-propylamine	70	4.292	4.298	(1.111)	224644	44.1912	88
26	Hexachloroethane	117	4.375	4.375	(1.132)	134088	35.4873	71
$ 76	Nitrobenzene-d5 (SUR)	82	4.428	4.434	(0.860)	345187	42.3364	85
27	Nitrobenzene	77	4.451	4.451	(0.864)	437054	40.2359	80
107	N,N-Dimethylaniline	120	4.457	4.457	(1.154)	467117	37.7005	75
28	Isophorone	82	4.698	4.698	(0.912)	569539	40.3050	81
5	2-Nitrophenol	139	4.769	4.769	(0.926)	172287	41.5341	83
6	2,4-Dimethylphenol	122	4.839	4.840	(0.939)	258174	39.6527	79
29	bis(2-Chloroethoxy)methane	93	4.928	4.928	(0.957)	350198	41.4031	83
15	Benzoic Acid	122	4.910	4.992	(0.953)	4478	1.81689	3.6(a)
7	2,4-Dichlorophenol	162	5.022	5.022	(0.975)	249041	41.7163	83
30	1,2,4-Trichlorobenzene	180	5.098	5.098	(0.990)	274455	37.3982	75
* 80	Naphthalene-d8	136	5.151	5.151	(1.000)	825439	40.0000	
31	Naphthalene	128	5.169	5.169	(1.003)	894226	39.3717	79
32	4-Chloroaniline	127	5.233	5.234	(1.016)	341692	40.5184	81
33	Hexachlorobutadiene	225	5.310	5.310	(1.031)	167015	36.8016	74
111	Caprolactam	113	5.592	5.622	(1.086)	14702	7.77687	16
8	4-Chloro-3-methylphenol	107	5.745	5.751	(1.115)	231857	38.7967	78
34	2-Methylnaphthalene	142	5.863	5.863	(1.138)	569149	41.3809	83
120	1-Methylnaphthalene	142	5.957	5.963	(1.156)	5383	0.40692	0.81(a)
35	Hexachlorocyclopentadiene	237	6.033	6.034	(0.875)	160772	33.5142	67
9	2,4,6-Trichlorophenol	196	6.157	6.157	(0.893)	183714	44.2504	88
10	2,4,5-Trichlorophenol	196	6.192	6.198	(0.898)	188076	44.1016	88
$ 77	2-Fluorobiphenyl (SUR)	172	6.239	6.239	(0.905)	629739	42.2578	84
102	Diphenyl	154	6.333	6.334	(0.919)	723674	43.0308	86
36	2-Chloronaphthalene	162	6.345	6.345	(0.921)	541336	41.1432	82
103	Diphenyl Ether	170	6.439	6.439	(0.934)	388361	41.5333	83
37	2-Nitroaniline	65	6.457	6.457	(0.937)	185262	41.2172	82
38	Dimethylphthalate	163	6.651	6.651	(0.965)	577608	42.0514	84
40	2,6-Dinitrotoluene	165	6.704	6.704	(0.973)	130579	42.0361	84
39	Acenaphthylene	152	6.751	6.751	(0.980)	855339	41.9206	84
41	3-Nitroaniline	138	6.869	6.869	(0.997)	126155	42.9994	86
* 82	Acenaphthene-d10	164	6.892	6.892	(1.000)	428795	40.0000	
42	Acenaphthene	154	6.927	6.928	(1.005)	497593	41.1983	82
11	2,4-Dinitrophenol	184	6.963	6.969	(1.010)	43571	32.1486	64
12	4-Nitrophenol	65	7.051	7.057	(1.023)	23047	11.4928	23(a)
44	2,4-Dinitrotoluene	165	7.092	7.098	(1.029)	164003	40.8876	82
43	Dibenzofuran	168	7.092	7.098	(1.029)	740208	41.7519	84
45	Diethylphthalate	149	7.345	7.345	(1.066)	552337	42.1847	84
47	Fluorene	166	7.427	7.428	(1.078)	592652	41.7007	83
46	4-Chlorophenyl-phenylether	204	7.439	7.439	(1.079)	299407	41.3209	83
48	4-Nitroaniline	138	7.469	7.469	(1.084)	101302	44.3684	89

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3553.d
Report Date: 01-Sep-2009 11:50

								CONCENTRATIONS	
		QUANT SIG						ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE		(ug/ml)	(ug/L)
	13 4,6-Dinitro-2-methylphenol	198	7.498	7.498	(0.899)	71822		39.8288	80
	49 N-Nitrosodiphenylamine	169	7.557	7.557	(0.906)	396953		46.5327	93
	75 1,2-Diphenylhydrazine	77	7.592	7.592	(0.910)	608913		40.3070	81
$	18 2,4,6-Tribromophenol (SUR)	330	7.669	7.669	(1.113)	76326		43.9441	88
	50 4-Bromophenyl-phenylether	248	7.916	7.910	(0.949)	155989		42.4443	85
	51 Hexachlorobenzene	284	7.974	7.975	(0.956)	156329		41.1723	82
	112 Atrazine	200	8.092	8.098	(0.970)	106361		34.3654	69
	14 Pentachlorophenol	266	8.169	8.169	(0.980)	75133		37.2514	74
*	83 Phenanthrene-d10	188	8.339	8.339	(1.000)	569298		40.0000	
	52 Phenanthrene	178	8.363	8.363	(1.003)	704867		41.5917	83
	53 Anthracene	178	8.416	8.416	(1.009)	686957		40.4402	81
	54 Carbazole	167	8.580	8.580	(1.029)	551164		42.8446	86
	55 Di-n-butylphthalate	149	8.939	8.939	(1.072)	711566		40.4787	81
	56 Fluoranthene	202	9.521	9.522	(1.142)	577758		40.0184	80
	58 Benzidine	184	9.663	9.663	(1.159)	32680		95.7702	190(R)
	57 Pyrene	202	9.739	9.739	(0.886)	550123		42.1376	84
$	78 Terphenyl-d14	244	9.910	9.910	(0.902)	374549		44.6578	89
	59 Butylbenzylphthalate	149	10.404	10.404	(0.947)	202480		40.7569	82
	60 3,3'-Dichlorobenzidine	252	10.962	10.957	(0.998)	95928		51.7145	100(R)
	61 Benzo(a)anthracene	228	10.974	10.974	(0.999)	325829		40.9767	82
*	81 Chrysene-d12	240	10.986	10.986	(1.000)	286744		40.0000	
	62 Chrysene	228	11.015	11.016	(1.003)	310453		42.5148	85
	63 bis(2-Ethylhexyl)phthalate	149	11.051	11.051	(1.006)	254442		39.7516	80
	64 Di-n-octylphthalate	149	11.839	11.839	(0.928)	308498		38.1316	76
	65 Benzo(b)fluoranthene	252	12.268	12.268	(0.962)	192548		40.1785	80
	66 Benzo(k)fluoranthene	252	12.304	12.304	(0.964)	235113		41.7859	84
	67 Benzo(a)pyrene	252	12.680	12.680	(0.994)	149251		36.5876	73
*	84 Perylene-d12	264	12.756	12.757	(1.000)	158892		40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.133	14.133	(1.108)	109534		41.0163	82
	69 Dibenz(a,h)anthracene	278	14.168	14.168	(1.111)	123065		42.2575	84
	70 Benzo(g,h,i)perylene	276	14.474	14.474	(1.135)	128384		41.7762	84

QC Flag Legend

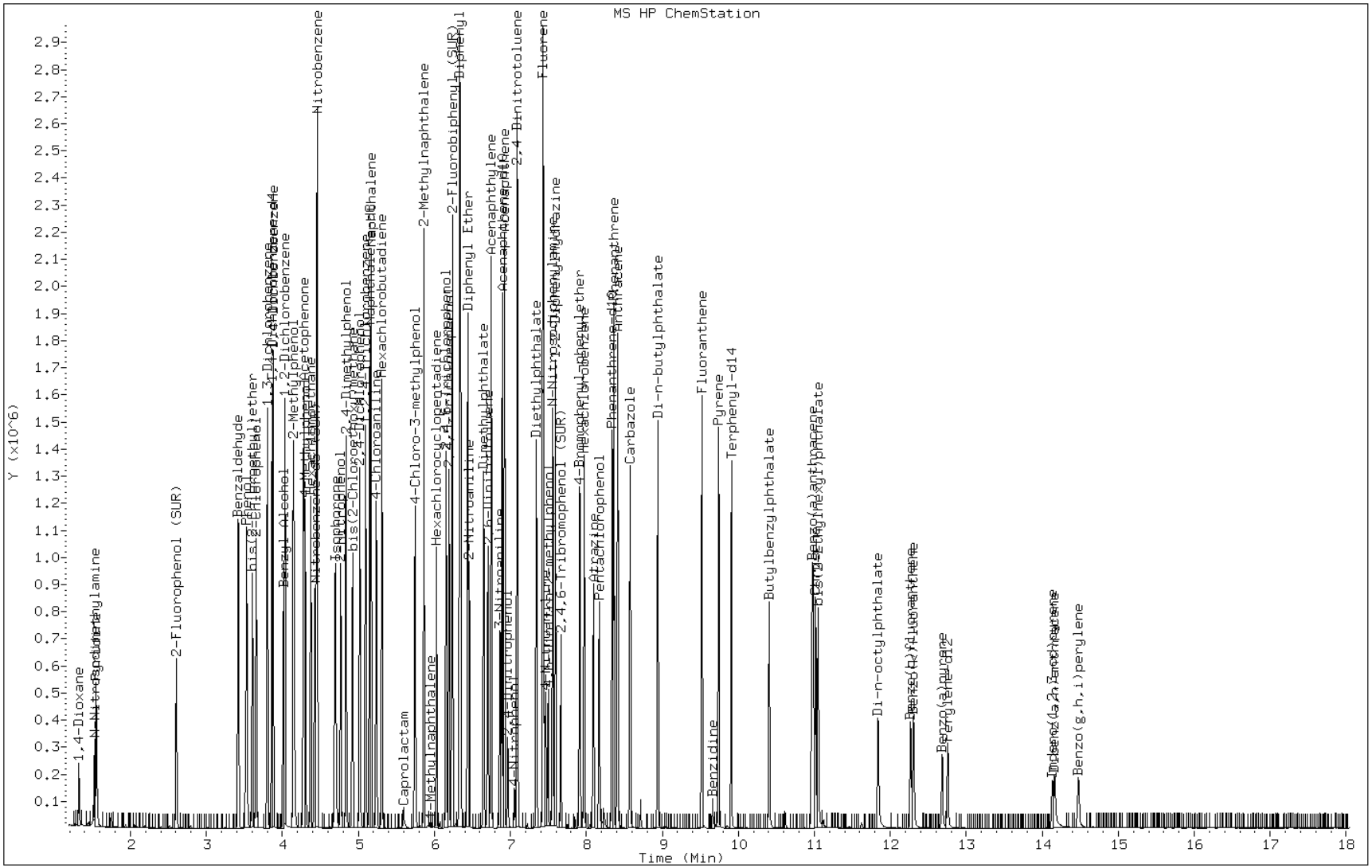
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: z3553.d

Date: 01-SEP-2009 09:42

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-15687/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-15687/3-A

Matrix: Water | Lab File ID: z3554.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/31/2009 08:39

Sample wt/vol: 1000(mL) | Date Analyzed: 09/01/2009 10:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	196		10	1.3
108-95-2	Phenol	31.1		10	0.89
111-44-4	Bis(2-chloroethyl)ether	82.4		1.0	0.41
95-57-8	2-Chlorophenol	73.5		10	2.6
95-48-7	2-Methylphenol	63.7		10	1.7
98-86-2	Acetophenone	89.1		10	4.3
621-64-7	N-Nitrosodi-n-propylamine	89.0		1.0	0.32
67-72-1	Hexachloroethane	71.5		1.0	0.50
98-95-3	Nitrobenzene	79.2		1.0	0.41
78-59-1	Isophorone	78.2		10	3.6
88-75-5	2-Nitrophenol	84.1		10	3.4
105-67-9	2,4-Dimethylphenol	79.3		10	2.5
111-91-1	Bis(2-chloroethoxy)methane	82.1		10	3.5
120-83-2	2,4-Dichlorophenol	83.1		10	2.8
91-20-3	Naphthalene	78.7		10	3.7
106-47-8	4-Chloroaniline	78.9		10	2.1
87-68-3	Hexachlorobutadiene	73.6		2.0	0.94
105-60-2	Caprolactam	16.2		10	0.50
59-50-7	4-Chloro-3-methylphenol	75.6		10	2.0
91-57-6	2-Methylnaphthalene	82.4		10	3.1
77-47-4	Hexachlorocyclopentadiene	68.9		10	4.6
88-06-2	2,4,6-Trichlorophenol	88.0		10	3.2
95-95-4	2,4,5-Trichlorophenol	88.7		10	2.5
91-58-7	2-Chloronaphthalene	81.1		10	3.8
88-74-4	2-Nitroaniline	80.0		20	5.7
131-11-3	Dimethyl phthalate	81.0		10	3.3
208-96-8	Acenaphthylene	82.3		10	4.0
606-20-2	2,6-Dinitrotoluene	82.1		2.0	0.59
99-09-2	3-Nitroaniline	83.1		20	4.3
83-32-9	Acenaphthene	80.4		10	3.8
51-28-5	2,4-Dinitrophenol	70.7		30	4.8
100-02-7	4-Nitrophenol	22.8	J	30	2.3
132-64-9	Dibenzofuran	82.4		10	3.6
121-14-2	2,4-Dinitrotoluene	79.1		2.0	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-15687/3-A

Matrix: Water | Lab File ID: z3554.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/31/2009 08:39

Sample wt/vol: 1000(mL) | Date Analyzed: 09/01/2009 10:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	81.8		10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	81.7		10	3.9
86-73-7	Fluorene	81.0		10	3.3
100-01-6	4-Nitroaniline	85.8		20	4.0
534-52-1	4,6-Dinitro-2-methylphenol	78.8		30	5.2
86-30-6	N-Nitrosodiphenylamine	94.7		10	3.9
101-55-3	4-Bromophenyl phenyl ether	83.3		10	3.9
118-74-1	Hexachlorobenzene	81.7		1.0	0.27
1912-24-9	Atrazine	62.3		10	4.8
87-86-5	Pentachlorophenol	74.0		30	5.1
85-01-8	Phenanthrene	80.6		10	3.6
120-12-7	Anthracene	80.2		10	3.6
86-74-8	Carbazole	82.5		10	3.1
84-74-2	Di-n-butyl phthalate	77.5		10	2.8
206-44-0	Fluoranthene	77.1		10	2.6
129-00-0	Pyrene	83.4		10	4.3
85-68-7	Butyl benzyl phthalate	79.1		10	2.8
91-94-1	3,3'-Dichlorobenzidine	104		20	7.0
56-55-3	Benzo[a]anthracene	80.6		1.0	0.27
218-01-9	Chrysene	84.7		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	76.3		10	2.4
117-84-0	Di-n-octyl phthalate	71.5		10	1.9
205-99-2	Benzo[b]fluoranthene	80.4		1.0	0.21
207-08-9	Benzo[k]fluoranthene	80.6		1.0	0.30
50-32-8	Benzo[a]pyrene	73.4		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	83.3		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	83.5		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	85.5		10	2.7
92-52-4	Diphenyl	85.1		10	5.4
106-44-5	4-Methylphenol	61.4		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	82.6		10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-15687/3-A

Matrix: Water Lab File ID: z3554.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 08/31/2009 08:39

Sample wt/vol: 1000(mL) Date Analyzed: 09/01/2009 10:06

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15839 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	41	19-66	
321-60-8	2-Fluorobiphenyl	86	53-110	
4165-62-2	Phenol-d5	28	13-44	
4165-60-0	Nitrobenzene-d5	85	49-114	
118-79-6	2,4,6-Tribromophenol	87	52-122	
1718-51-0	Terphenyl-d14	89	46-129	

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3554.d
Report Date: 01-Sep-2009 11:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3554.d
Lab Smp Id: LCSD 460-15687/3-A
Inj Date : 01-SEP-2009 10:06
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCSD 460-15687/3-A
Misc Info : LCSD 460-15687/3-A
Comment :
Method : /chem/BNAMS11.i/8270/08-31-09/01sep09.b/8270C_08SP.m
Meth Date : 01-Sep-2009 08:44 croccom Quant Type: ISTD
Cal Date : 01-SEP-2009 08:10 Cal File: z3550.d
Als bottle: 6 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.322	1.304	(0.342)	57056	19.6105	39
	19 N-Nitrosodimethylamine	74	1.528	1.516	(0.396)	89088	19.6936	39
	71 Pyridine	79	1.551	1.540	(0.402)	121010	15.3032	31
$	16 2-Fluorophenol (SUR)	112	2.604	2.604	(0.674)	156333	20.4717	41
	110 Benzaldehyde	77	3.416	3.416	(0.884)	266721	97.8686	200(R)
$	17 Phenol-d5 (SUR)	99	3.516	3.528	(0.910)	122596	14.0571	28
	1 Phenol	94	3.528	3.545	(0.913)	150875	15.5542	31
	73 Aniline	93	3.534	3.534	(0.915)	304011	26.5829	53
	20 bis(2-Chloroethyl)ether	93	3.604	3.610	(0.933)	327066	41.1774	82
	2 2-Chlorophenol	128	3.657	3.657	(0.947)	303278	36.7627	74
	21 1,3-Dichlorobenzene	146	3.804	3.810	(0.985)	361758	36.8758	74
*	79 1,4-Dichlorobenzene-d4	152	3.863	3.863	(1.000)	235077	40.0000	
	22 1,4-Dichlorobenzene	146	3.881	3.881	(1.005)	367840	37.3003	75
	74 Benzyl Alcohol	108	4.016	4.022	(1.040)	159333	31.5436	63
	23 1,2-Dichlorobenzene	146	4.034	4.034	(1.044)	345299	37.7264	75

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3554.d
Report Date: 01-Sep-2009 11:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	3 2-Methylphenol	108	4.145	4.151	(1.073)	215412	31.8697	64
	24 bis (2-chloroisopropyl) ether	45	4.157	4.157	(1.076)	328920	41.2873	82
	104 Acetophenone	105	4.281	4.287	(1.108)	442002	44.5529	89
	4 4-Methylphenol	108	4.304	4.310	(1.114)	195607	30.7059	61
	124 3 & 4 methylphenol	108	4.304	4.310	(1.114)	196157	30.7923	62
	25 N-Nitroso-di-n-propylamine	70	4.292	4.298	(1.111)	225113	44.5188	89
	26 Hexachloroethane	117	4.375	4.375	(1.132)	134432	35.7674	72
$	76 Nitrobenzene-d5 (SUR)	82	4.428	4.434	(0.860)	355762	42.6853	85
	27 Nitrobenzene	77	4.451	4.451	(0.864)	439545	39.5859	79
	107 N,N-Dimethylaniline	120	4.457	4.457	(1.154)	464257	37.6687	75
	28 Isophorone	82	4.698	4.698	(0.912)	564794	39.1007	78
	5 2-Nitrophenol	139	4.769	4.769	(0.926)	178355	42.0626	84
	6 2,4-Dimethylphenol	122	4.840	4.840	(0.939)	263851	39.6441	79
	29 bis(2-Chloroethoxy)methane	93	4.928	4.928	(0.957)	354798	41.0355	82
	15 Benzoic Acid	122	4.910	4.992	(0.953)	4692	1.86235	3.7(aH)
	7 2,4-Dichlorophenol	162	5.022	5.022	(0.975)	253670	41.5683	83
	30 1,2,4-Trichlorobenzene	180	5.098	5.098	(0.990)	279557	37.2656	74
*	80 Naphthalene-d8	136	5.151	5.151	(1.000)	843774	40.0000	
	31 Naphthalene	128	5.169	5.169	(1.003)	913738	39.3566	79
	32 4-Chloroaniline	127	5.234	5.234	(1.016)	340028	39.4449	79
	33 Hexachlorobutadiene	225	5.310	5.310	(1.031)	170724	36.8014	74
	111 Caprolactam	113	5.592	5.622	(1.086)	15696	8.12225	16
	8 4-Chloro-3-methylphenol	107	5.745	5.751	(1.115)	230965	37.8076	76
	34 2-Methylnaphthalene	142	5.863	5.863	(1.138)	579518	41.2192	82
	120 1-Methylnaphthalene	142	5.957	5.963	(1.156)	5162	0.38174	0.76(a)
	35 Hexachlorocyclopentadiene	237	6.034	6.034	(0.875)	168629	34.4464	69
	9 2,4,6-Trichlorophenol	196	6.157	6.157	(0.893)	186392	43.9941	88
	10 2,4,5-Trichlorophenol	196	6.192	6.198	(0.898)	192930	44.3315	89
$	77 2-Fluorobiphenyl (SUR)	172	6.239	6.239	(0.905)	653831	42.9937	86
	102 Diphenyl	154	6.334	6.334	(0.919)	729880	42.5285	85
	36 2-Chloronaphthalene	162	6.345	6.345	(0.921)	544701	40.5678	81
	103 Diphenyl Ether	170	6.439	6.439	(0.934)	393388	41.2263	82
	37 2-Nitroaniline	65	6.457	6.457	(0.937)	183439	39.9923	80
	38 Dimethylphthalate	163	6.651	6.651	(0.965)	567474	40.4842	81
	40 2,6-Dinitrotoluene	165	6.704	6.704	(0.973)	130187	41.0685	82
	39 Acenaphthylene	152	6.751	6.751	(0.980)	857149	41.1659	82
	41 3-Nitroaniline	138	6.863	6.869	(0.996)	124390	41.5466	83
*	82 Acenaphthene-d10	164	6.892	6.892	(1.000)	437580	40.0000	
	42 Acenaphthene	154	6.928	6.928	(1.005)	495212	40.1780	80
	11 2,4-Dinitrophenol	184	6.963	6.969	(1.010)	48868	35.3331	71
	12 4-Nitrophenol	65	7.051	7.057	(1.023)	23371	11.4204	23(a)
	44 2,4-Dinitrotoluene	165	7.092	7.098	(1.029)	161787	39.5253	79
	43 Dibenzofuran	168	7.092	7.098	(1.029)	745191	41.1891	82
	45 Diethylphthalate	149	7.345	7.345	(1.066)	546538	40.9038	82
	47 Fluorene	166	7.428	7.428	(1.078)	587253	40.4912	81
	46 4-Chlorophenyl-phenylether	204	7.439	7.439	(1.079)	301986	40.8401	82
	48 4-Nitroaniline	138	7.469	7.469	(1.084)	99987	42.9133	86

Data File: /chem/BNAMS11.i/8270/08-31-09/01sep09.b/z3554.d
Report Date: 01-Sep-2009 11:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	13 4,6-Dinitro-2-methylphenol	198	7.498	7.498	(0.899)	70899	39.3840	79
	49 N-Nitrosodiphenylamine	169	7.557	7.557	(0.906)	403200	47.3456	95
	75 1,2-Diphenylhydrazine	77	7.592	7.592	(0.910)	606101	40.1893	80
$	18 2,4,6-Tribromophenol (SUR)	330	7.669	7.669	(1.113)	77446	43.6938	87
	50 4-Bromophenyl-phenylether	248	7.916	7.910	(0.949)	152723	41.6265	83
	51 Hexachlorobenzene	284	7.975	7.975	(0.956)	154934	40.8745	82
	112 Atrazine	200	8.092	8.098	(0.970)	96226	31.1438	62
	14 Pentachlorophenol	266	8.169	8.169	(0.980)	74499	37.0001	74
*	83 Phenanthrene-d10	188	8.339	8.339	(1.000)	568329	40.0000	
	52 Phenanthrene	178	8.363	8.363	(1.003)	681752	40.2964	80
	53 Anthracene	178	8.416	8.416	(1.009)	679919	40.0941	80
	54 Carbazole	167	8.575	8.580	(1.028)	529695	41.2460	82
	55 Di-n-butylphthalate	149	8.939	8.939	(1.072)	679819	38.7387	77
	56 Fluoranthene	202	9.522	9.522	(1.142)	555583	38.5481	77
	58 Benzidine	184	9.657	9.663	(1.158)	22360	65.6387	130(R)
	57 Pyrene	202	9.739	9.739	(0.886)	530115	41.6826	83
$	78 Terphenyl-d14	244	9.904	9.910	(0.901)	364655	44.6320	89
	59 Butylbenzylphthalate	149	10.404	10.404	(0.947)	191386	39.5462	79
	60 3,3'-Dichlorobenzidine	252	10.957	10.957	(0.997)	94359	52.2187	100(R)
	61 Benzo(a)anthracene	228	10.974	10.974	(0.999)	312084	40.2897	80
*	81 Chrysene-d12	240	10.986	10.986	(1.000)	279331	40.0000	
	62 Chrysene	228	11.016	11.016	(1.003)	301239	42.3478	85
	63 bis(2-Ethylhexyl)phthalate	149	11.051	11.051	(1.006)	237950	38.1616	76
	64 Di-n-octylphthalate	149	11.839	11.839	(0.928)	284139	35.7461	71
	65 Benzo(b)fluoranthene	252	12.268	12.268	(0.962)	189269	40.1975	80
	66 Benzo(k)fluoranthene	252	12.304	12.304	(0.964)	222841	40.3101	81
	67 Benzo(a)pyrene	252	12.680	12.680	(0.994)	147170	36.7199	73
*	84 Perylene-d12	264	12.757	12.757	(1.000)	156112	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.133	14.133	(1.108)	109244	41.6362	83
	69 Dibenz(a,h)anthracene	278	14.162	14.168	(1.110)	119493	41.7617	84
	70 Benzo(g,h,i)perylene	276	14.474	14.474	(1.135)	129044	42.7388	85

QC Flag Legend

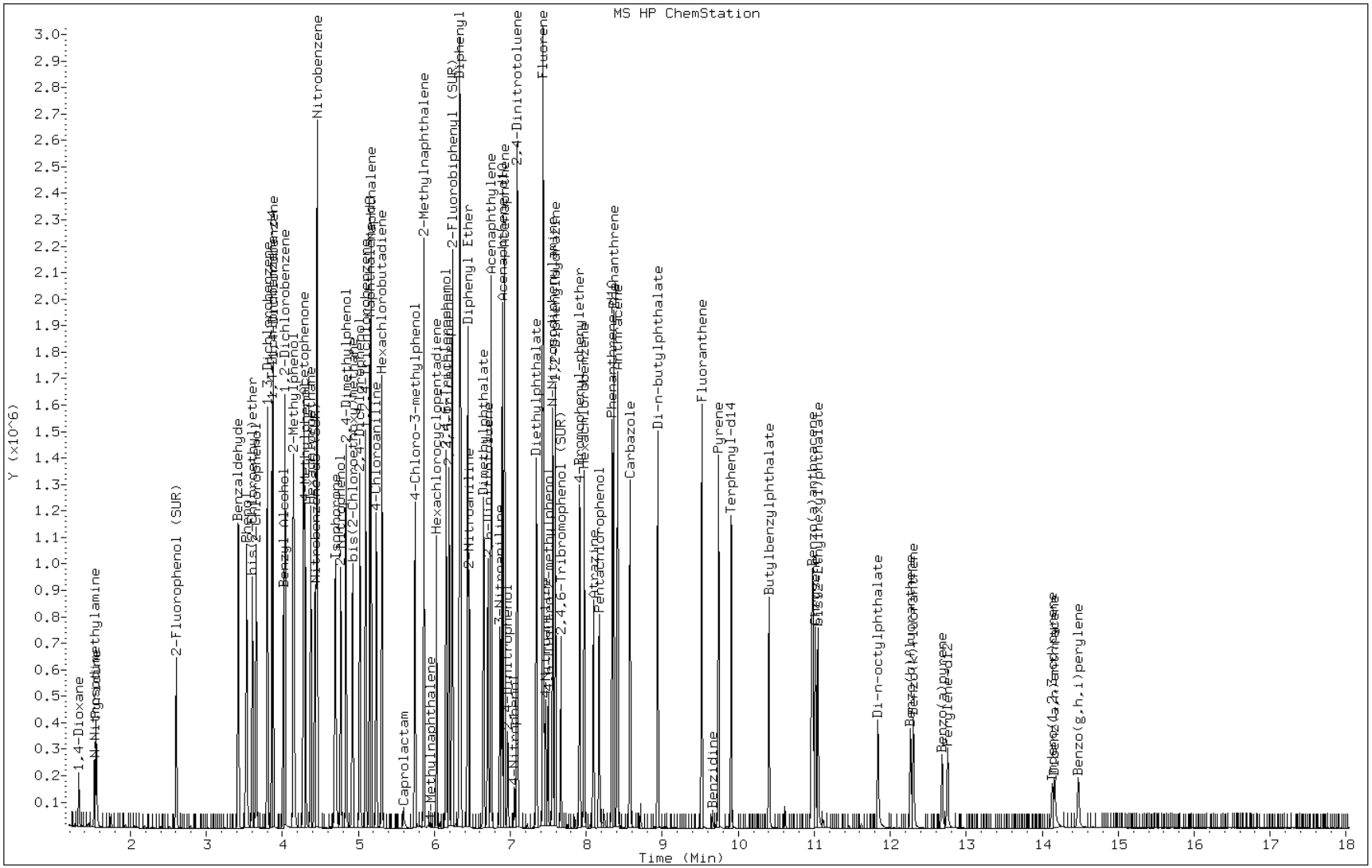
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: z3554.d

Date: 01-SEP-2009 10:06

Client ID: Instrument: BNAMS11.i

Sample Info: LCSD 460-15687/3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4 MS

Matrix: Water | Lab File ID: z3503.d

Analysis Method: 8270C | Date Collected: 08/19/2009 11:45

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 900(mL) | Date Analyzed: 08/31/2009 06:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15714 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	220		110	15
108-95-2	Phenol	40.0	J	110	9.9
111-44-4	Bis(2-chloroethyl)ether	101		11	4.6
95-57-8	2-Chlorophenol	85.0	J	110	29
95-48-7	2-Methylphenol	80.0	J	110	18
98-86-2	Acetophenone	307		110	48
621-64-7	N-Nitrosodi-n-propylamine	110		11	3.6
67-72-1	Hexachloroethane	167		11	5.6
98-95-3	Nitrobenzene	110		11	4.6
78-59-1	Isophorone	97.4	J	110	40
88-75-5	2-Nitrophenol	91.6	J	110	38
105-67-9	2,4-Dimethylphenol	88.1	J	110	28
111-91-1	Bis(2-chloroethoxy)methane	106	J	110	39
120-83-2	2,4-Dichlorophenol	92.0	J	110	31
91-20-3	Naphthalene	1990		110	41
106-47-8	4-Chloroaniline	80.8	J	110	23
87-68-3	Hexachlorobutadiene	81.7		22	10
105-60-2	Caprolactam	26.2	J	110	5.6
59-50-7	4-Chloro-3-methylphenol	91.6	J	110	22
91-57-6	2-Methylnaphthalene	162		110	34
77-47-4	Hexachlorocyclopentadiene	110	U	110	51
88-06-2	2,4,6-Trichlorophenol	93.8	J	110	35
95-95-4	2,4,5-Trichlorophenol	95.7	J	110	28
91-58-7	2-Chloronaphthalene	93.3	J	110	42
88-74-4	2-Nitroaniline	106	J	220	63
131-11-3	Dimethyl phthalate	98.6	J	110	36
208-96-8	Acenaphthylene	92.9	J	110	45
606-20-2	2,6-Dinitrotoluene	93.2		22	6.6
99-09-2	3-Nitroaniline	86.0	J	220	48
83-32-9	Acenaphthene	94.3	J	110	42
51-28-5	2,4-Dinitrophenol	330	U	330	53
100-02-7	4-Nitrophenol	330	U	330	26
132-64-9	Dibenzofuran	92.7	J	110	40
121-14-2	2,4-Dinitrotoluene	87.3		22	4.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4 MS

Matrix: Water | Lab File ID: z3503.d

Analysis Method: 8270C | Date Collected: 08/19/2009 11:45

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 900(mL) | Date Analyzed: 08/31/2009 06:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15714 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	100	J	110	42
7005-72-3	4-Chlorophenyl phenyl ether	90.6	J	110	44
86-73-7	Fluorene	95.1	J	110	36
100-01-6	4-Nitroaniline	104	J	220	44
534-52-1	4,6-Dinitro-2-methylphenol	65.4	J	330	58
86-30-6	N-Nitrosodiphenylamine	104	J	110	43
101-55-3	4-Bromophenyl phenyl ether	87.5	J	110	44
118-74-1	Hexachlorobenzene	88.0		11	3.0
1912-24-9	Atrazine	71.0	J	110	53
87-86-5	Pentachlorophenol	62.8	J	330	57
85-01-8	Phenanthrene	92.8	J	110	40
120-12-7	Anthracene	91.0	J	110	39
86-74-8	Carbazole	96.3	J	110	34
84-74-2	Di-n-butyl phthalate	92.2	J	110	31
206-44-0	Fluoranthene	94.3	J	110	29
129-00-0	Pyrene	90.5	J	110	47
85-68-7	Butyl benzyl phthalate	88.9	J	110	31
91-94-1	3,3'-Dichlorobenzidine	100	J	220	77
56-55-3	Benzo[a]anthracene	94.6		11	3.0
218-01-9	Chrysene	103	J	110	42
117-81-7	Bis(2-ethylhexyl) phthalate	80.9	J	110	27
117-84-0	Di-n-octyl phthalate	67.7	J	110	21
205-99-2	Benzo[b]fluoranthene	83.1		11	2.3
207-08-9	Benzo[k]fluoranthene	102		11	3.3
50-32-8	Benzo[a]pyrene	78.8		11	2.0
193-39-5	Indeno[1,2,3-cd]pyrene	93.3		11	1.3
53-70-3	Dibenz(a,h)anthracene	72.1		11	1.8
191-24-2	Benzo[g,h,i]perylene	81.5	J	110	30
92-52-4	Diphenyl	96.9	J	110	60
106-44-5	4-Methylphenol	83.2	J	110	18
108-60-1	bis (2-chloroisopropyl) ether	108	J	110	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 Lab Sample ID: 460-4869-4 MS

Matrix: Water Lab File ID: z3503.d

Analysis Method: 8270C Date Collected: 08/19/2009 11:45

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 900(mL) Date Analyzed: 08/31/2009 06:17

Con. Extract Vol.: 2(mL) Dilution Factor: 10

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15714 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	0	19-66	D
321-60-8	2-Fluorobiphenyl	0	53-110	D
4165-62-2	Phenol-d5	0	13-44	D
4165-60-0	Nitrobenzene-d5	0	49-114	D
118-79-6	2,4,6-Tribromophenol	0	52-122	D
1718-51-0	Terphenyl-d14	0	46-129	D

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3503.d
Report Date: 31-Aug-2009 09:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3503.d
Lab Smp Id: 460-4869-A-4-A MS Client Smp ID: GW-017338-081909-AC
Inj Date : 31-AUG-2009 06:17
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-4869-A-4-A MS
Misc Info : 460-4869-A-4-A MS
Comment   :
Method   : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/8270C_08SP.m
Meth Date : 31-Aug-2009 04:49 asfawa Quant Type: ISTD
Cal Date : 31-AUG-2009 01:11 Cal File: z3493.d
Als bottle: 12 QC Sample: MS
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106	1,4-Dioxane	88	1.319	1.313	(0.341)	9564	2.63193	58(a)
19	N-Nitrosodimethylamine	74	1.525	1.519	(0.394)	14168	2.62541	58(a)
71	Pyridine	79	1.555	1.543	(0.402)	19891	2.16809	48(a)
110	Benzaldehyde	77	3.419	3.419	(0.884)	35085	9.91748	220(R)
1	Phenol	94	3.525	3.531	(0.912)	19677	1.79996	40(a)
73	Aniline	93	3.531	3.531	(0.913)	31015	2.39859	53(a)
20	bis(2-Chloroethyl)ether	93	3.602	3.601	(0.932)	40795	4.55325	100
2	2-Chlorophenol	128	3.654	3.654	(0.945)	35168	3.82399	85(a)
21	1,3-Dichlorobenzene	146	3.807	3.807	(0.985)	39991	3.73070	83(a)
* 79	1,4-Dichlorobenzene-d4	152	3.866	3.866	(1.000)	256582	40.0000	
22	1,4-Dichlorobenzene	146	3.884	3.884	(1.005)	41196	3.76387	84(a)
74	Benzyl Alcohol	108	4.013	4.013	(1.038)	19030	3.27924	73(a)
23	1,2-Dichlorobenzene	146	4.037	4.037	(1.044)	38468	3.79520	84(a)
3	2-Methylphenol	108	4.143	4.142	(1.071)	26865	3.60148	80(a)
24	bis (2-chloroisopropyl) ether	45	4.154	4.154	(1.075)	46662	4.86992	110(a)

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3503.d
Report Date: 31-Aug-2009 09:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
104	Acetophenone	105	4.272	4.278	(1.105)	150838	13.8218	310(R)
4	4-Methylphenol	108	4.301	4.301	(1.113)	27488	3.74244	83(a)
124	3 & 4 methylphenol	108	4.301	4.301	(1.113)	27941	3.80411	84(a)
25	N-Nitroso-di-n-propylamine	70	4.284	4.289	(1.108)	29002	4.96819	110
26	Hexachloroethane	117	4.372	4.378	(1.131)	31610	7.49962	170(R)
27	Nitrobenzene	77	4.449	4.448	(0.863)	60590	4.95162	110
107	N,N-Dimethylaniline	120	4.454	4.454	(1.152)	54044	4.02729	89
28	Isophorone	82	4.696	4.689	(0.911)	69069	4.38256	97(a)
5	2-Nitrophenol	139	4.772	4.772	(0.926)	18923	4.12350	92(a)
6	2,4-Dimethylphenol	122	4.843	4.842	(0.940)	28417	3.96592	88(a)
29	bis(2-Chloroethoxy)methane	93	4.931	4.925	(0.957)	45492	4.77276	110(a)
15	Benzoic Acid	122	4.919	4.942	(0.954)	4477	1.66332	37(a)
7	2,4-Dichlorophenol	162	5.025	5.025	(0.975)	26510	4.14211	92(a)
30	1,2,4-Trichlorobenzene	180	5.107	5.101	(0.991)	29923	3.76393	84
* 80	Naphthalene-d8	136	5.154	5.154	(1.000)	899581	40.0000	
31	Naphthalene	128	5.184	5.172	(1.006)	2240958	89.4634	2000(R)
32	4-Chloroaniline	127	5.243	5.242	(1.017)	32881	3.63795	81(a)
33	Hexachlorobutadiene	225	5.319	5.319	(1.032)	17773	3.67801	82
111	Caprolactam	113	5.578	5.572	(1.082)	2236	1.17850	26(a)
8	4-Chloro-3-methylphenol	107	5.748	5.748	(1.115)	26749	4.12363	92(a)
34	2-Methylnaphthalene	142	5.872	5.872	(1.139)	108629	7.27701	160(R)
120	1-Methylnaphthalene	142	5.966	5.966	(1.157)	11915	0.83523	18(a)
35	Hexachlorocyclopentadiene	237	6.043	6.042	(0.876)	7525	1.43634	32(aR)
9	2,4,6-Trichlorophenol	196	6.160	6.166	(0.893)	19301	4.22081	94(a)
10	2,4,5-Trichlorophenol	196	6.201	6.201	(0.899)	19832	4.30509	96(a)
102	Diphenyl	154	6.337	6.336	(0.918)	81741	4.36177	97(a)
36	2-Chloronaphthalene	162	6.348	6.348	(0.920)	60956	4.19916	93(a)
103	Diphenyl Ether	170	6.448	6.448	(0.934)	42809	4.09677	91(a)
37	2-Nitroaniline	65	6.460	6.460	(0.936)	24467	4.78346	110(a)
38	Dimethylphthalate	163	6.654	6.654	(0.964)	65192	4.43617	98(a)
40	2,6-Dinitrotoluene	165	6.701	6.707	(0.971)	14131	4.19577	93
39	Acenaphthylene	152	6.754	6.754	(0.979)	94841	4.18237	93(a)
41	3-Nitroaniline	138	6.866	6.866	(0.995)	12364	3.87149	86(a)
* 82	Acenaphthene-d10	164	6.901	6.901	(1.000)	468714	40.0000	
42	Acenaphthene	154	6.931	6.930	(1.004)	56803	4.24542	94(a)
11	2,4-Dinitrophenol	184	6.972	6.972	(1.010)	3273	2.19554	49(aR)
12	4-Nitrophenol	65	7.066	7.060	(1.024)	2242	0.97503	22(a)
44	2,4-Dinitrotoluene	165	7.095	7.101	(1.028)	17213	3.92888	87
43	Dibenzofuran	168	7.101	7.101	(1.029)	81700	4.17201	93(a)
45	Diethylphthalate	149	7.348	7.348	(1.065)	64085	4.51867	100(a)
47	Fluorene	166	7.437	7.436	(1.078)	66378	4.27887	95(a)
46	4-Chlorophenyl-phenylether	204	7.442	7.448	(1.078)	31691	4.07697	90(a)
48	4-Nitroaniline	138	7.460	7.466	(1.081)	11928	4.70204	100(a)
13	4,6-Dinitro-2-methylphenol	198	7.495	7.501	(0.898)	6303	2.94317	65(a)
49	N-Nitrosodiphenylamine	169	7.560	7.560	(0.906)	44585	4.68578	100(a)
75	1,2-Diphenylhydrazine	77	7.595	7.601	(0.910)	78938	4.37100	97(a)
50	4-Bromophenyl-phenylether	248	7.919	7.919	(0.949)	16030	3.93840	88(a)

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3503.d
Report Date: 31-Aug-2009 09:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	51 Hexachlorobenzene	284	7.978	7.983	(0.956)	16520	3.96114	88
	112 Atrazine	200	8.095	8.095	(0.970)	11232	3.19432	71(a)
	14 Pentachlorophenol	266	8.178	8.177	(0.980)	6234	2.82685	63(aR)
*	83 Phenanthrene-d10	188	8.348	8.348	(1.000)	648001	40.0000	
	52 Phenanthrene	178	8.372	8.372	(1.003)	81178	4.17792	93(a)
	53 Anthracene	178	8.419	8.419	(1.008)	79393	4.09287	91(a)
	54 Carbazole	167	8.584	8.583	(1.028)	66783	4.33343	96(a)
	55 Di-n-butylphthalate	149	8.948	8.948	(1.072)	84979	4.15087	92(a)
	56 Fluoranthene	202	9.531	9.530	(1.142)	73762	4.24150	94(a)
	58 Benzidine	184	9.678	9.671	(1.159)	234	0.35043	7.8(a)
	57 Pyrene	202	9.748	9.748	(0.886)	71918	4.07098	90(a)
	59 Butylbenzylphthalate	149	10.413	10.418	(0.947)	27023	3.99968	89(a)
	60 3,3'-Dichlorobenzidine	252	10.972	10.971	(0.997)	12500	4.50497	100(a)
	61 Benzo(a)anthracene	228	10.989	10.989	(0.999)	47462	4.25605	94
*	81 Chrysene-d12	240	11.001	11.001	(1.000)	398925	40.0000	
	62 Chrysene	228	11.025	11.030	(1.002)	46461	4.65204	100(a)
	63 bis(2-Ethylhexyl)phthalate	149	11.066	11.066	(1.006)	32400	3.63877	81(a)
	64 Di-n-octylphthalate	149	11.860	11.860	(0.928)	36803	3.04592	68(aR)
	65 Benzo(b)fluoranthene	252	12.289	12.289	(0.962)	26106	3.73941	83
	66 Benzo(k)fluoranthene	252	12.319	12.324	(0.964)	34428	4.56925	100
	67 Benzo(a)pyrene	252	12.701	12.701	(0.994)	20813	3.54427	79
*	84 Perylene-d12	264	12.777	12.783	(1.000)	226490	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.154	14.159	(1.108)	17729	4.19675	93(M)
	69 Dibenz(a,h)anthracene	278	14.189	14.189	(1.110)	13930	3.24279	72
	70 Benzo(g,h,i)perylene	276	14.501	14.501	(1.135)	15870	3.66911	82(a)

QC Flag Legend

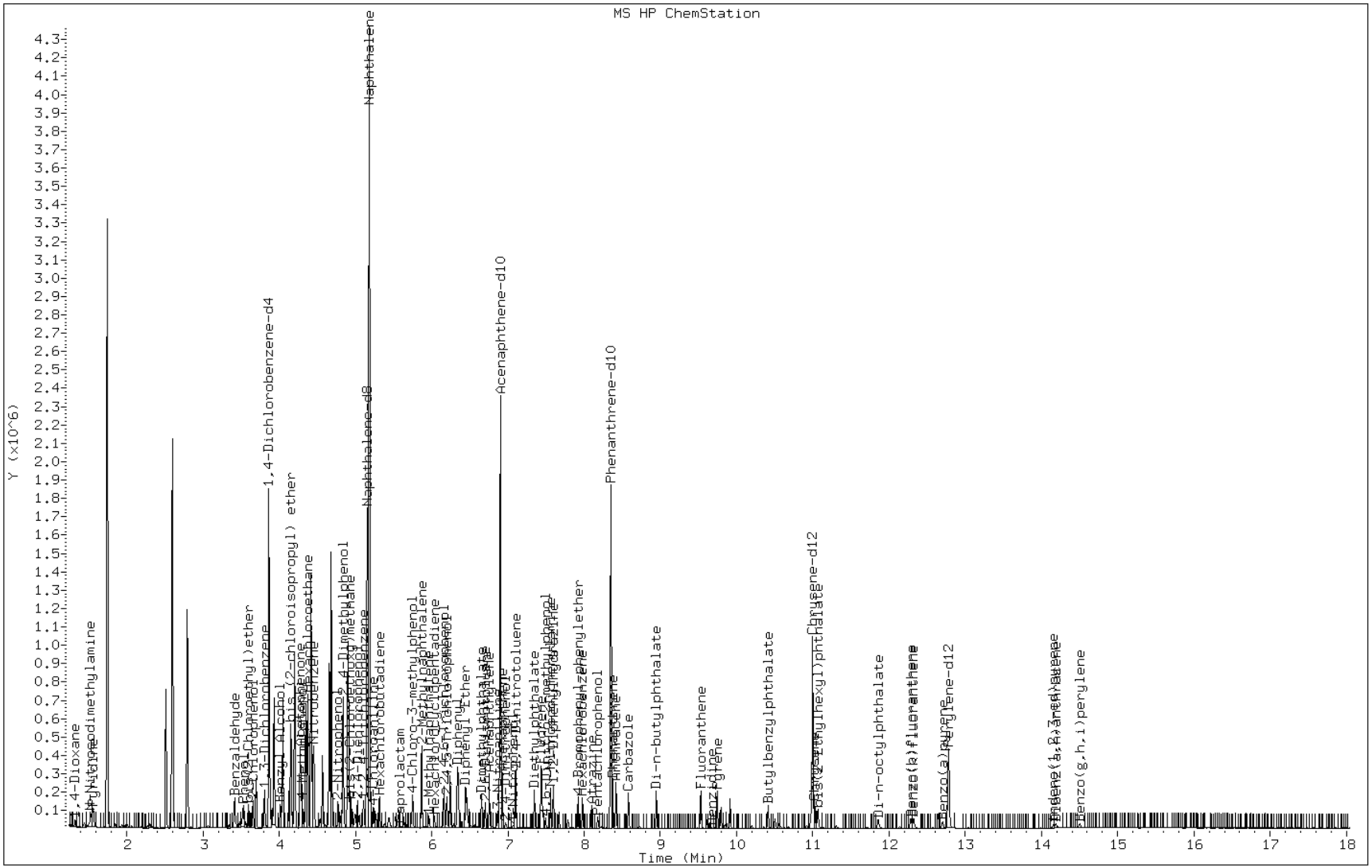
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: z3503.d

Date: 31-AUG-2009 06:17

Client ID: GW-017338-081909-AC Instrument: BNAMS11.i

Sample Info: 460-4869-A-4-A MS Operator: BNAMS 4



Manual Integration Report

Data File: z3503.d
Inj. Date and Time: 31-AUG-2009 06:17
Instrument ID: BNAMS11.i
Client ID: GW-017338-081909-AC
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 08/31/2009

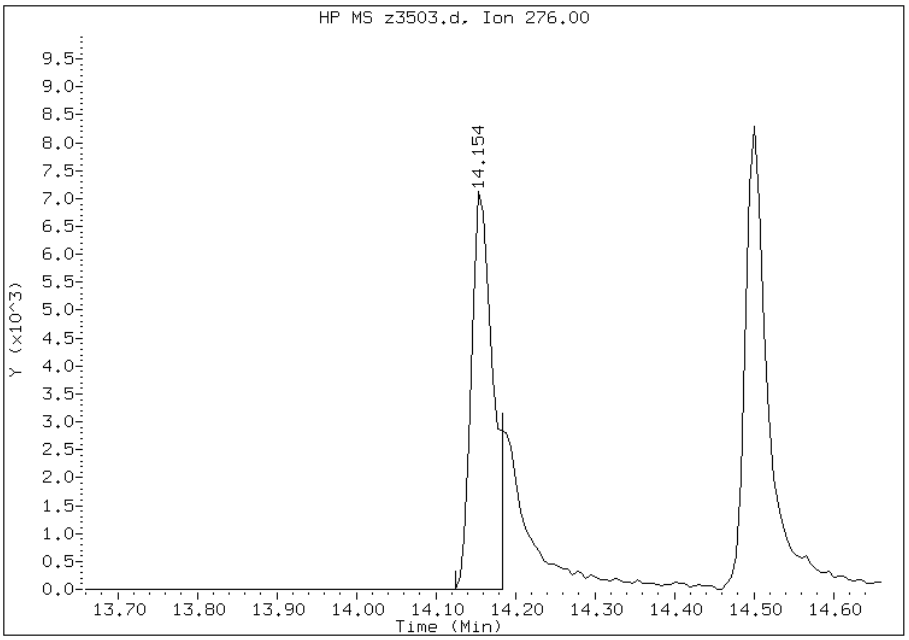
Processing Integration Results

RT: 14.15

Response: 13251

Amount: 3

Conc: 70



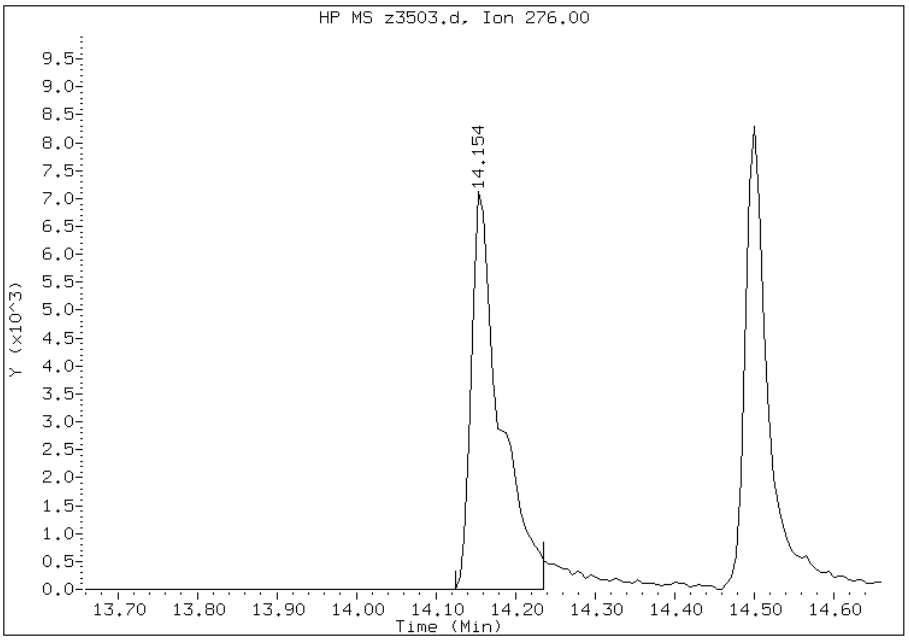
Manual Integration Results

RT: 14.15

Response: 17729

Amount: 4

Conc: 93



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4 MSD

Matrix: Water | Lab File ID: z3504.d

Analysis Method: 8270C | Date Collected: 08/19/2009 11:45

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 900(mL) | Date Analyzed: 08/31/2009 06:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15714 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	229		110	15
108-95-2	Phenol	41.7	J	110	9.9
111-44-4	Bis(2-chloroethyl)ether	110		11	4.6
95-57-8	2-Chlorophenol	89.9	J	110	29
95-48-7	2-Methylphenol	79.5	J	110	18
98-86-2	Acetophenone	304		110	48
621-64-7	N-Nitrosodi-n-propylamine	120		11	3.6
67-72-1	Hexachloroethane	176		11	5.6
98-95-3	Nitrobenzene	115		11	4.6
78-59-1	Isophorone	105	J	110	40
88-75-5	2-Nitrophenol	98.9	J	110	38
105-67-9	2,4-Dimethylphenol	79.9	J	110	28
111-91-1	Bis(2-chloroethoxy)methane	116		110	39
120-83-2	2,4-Dichlorophenol	99.6	J	110	31
91-20-3	Naphthalene	1990		110	41
106-47-8	4-Chloroaniline	81.5	J	110	23
87-68-3	Hexachlorobutadiene	86.8		22	10
105-60-2	Caprolactam	26.9	J	110	5.6
59-50-7	4-Chloro-3-methylphenol	94.8	J	110	22
91-57-6	2-Methylnaphthalene	172		110	34
77-47-4	Hexachlorocyclopentadiene	110	U	110	51
88-06-2	2,4,6-Trichlorophenol	101	J	110	35
95-95-4	2,4,5-Trichlorophenol	103	J	110	28
91-58-7	2-Chloronaphthalene	103	J	110	42
88-74-4	2-Nitroaniline	111	J	220	63
131-11-3	Dimethyl phthalate	107	J	110	36
208-96-8	Acenaphthylene	101	J	110	45
606-20-2	2,6-Dinitrotoluene	101		22	6.6
99-09-2	3-Nitroaniline	86.6	J	220	48
83-32-9	Acenaphthene	102	J	110	42
51-28-5	2,4-Dinitrophenol	330	U	330	53
100-02-7	4-Nitrophenol	330	U	330	26
132-64-9	Dibenzofuran	102	J	110	40
121-14-2	2,4-Dinitrotoluene	92.3		22	4.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 | Lab Sample ID: 460-4869-4 MSD

Matrix: Water | Lab File ID: z3504.d

Analysis Method: 8270C | Date Collected: 08/19/2009 11:45

Extract. Method: 3510C | Date Extracted: 08/20/2009 18:38

Sample wt/vol: 900(mL) | Date Analyzed: 08/31/2009 06:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 15714 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	108	J	110	42
7005-72-3	4-Chlorophenyl phenyl ether	98.8	J	110	44
86-73-7	Fluorene	102	J	110	36
100-01-6	4-Nitroaniline	102	J	220	44
534-52-1	4,6-Dinitro-2-methylphenol	66.8	J	330	58
86-30-6	N-Nitrosodiphenylamine	116		110	43
101-55-3	4-Bromophenyl phenyl ether	94.4	J	110	44
118-74-1	Hexachlorobenzene	93.9		11	3.0
1912-24-9	Atrazine	76.2	J	110	53
87-86-5	Pentachlorophenol	61.0	J	330	57
85-01-8	Phenanthrene	102	J	110	40
120-12-7	Anthracene	97.2	J	110	39
86-74-8	Carbazole	105	J	110	34
84-74-2	Di-n-butyl phthalate	100	J	110	31
206-44-0	Fluoranthene	103	J	110	29
129-00-0	Pyrene	98.8	J	110	47
85-68-7	Butyl benzyl phthalate	95.1	J	110	31
91-94-1	3,3'-Dichlorobenzidine	104	J	220	77
56-55-3	Benzo[a]anthracene	103		11	3.0
218-01-9	Chrysene	111	J	110	42
117-81-7	Bis(2-ethylhexyl) phthalate	90.9	J	110	27
117-84-0	Di-n-octyl phthalate	69.5	J	110	21
205-99-2	Benzo[b]fluoranthene	96.7		11	2.3
207-08-9	Benzo[k]fluoranthene	102		11	3.3
50-32-8	Benzo[a]pyrene	83.2		11	2.0
193-39-5	Indeno[1,2,3-cd]pyrene	98.4		11	1.3
53-70-3	Dibenz(a,h)anthracene	73.0		11	1.8
191-24-2	Benzo[g,h,i]perylene	90.3	J	110	30
92-52-4	Diphenyl	107	J	110	60
106-44-5	4-Methylphenol	81.7	J	110	18
108-60-1	bis (2-chloroisopropyl) ether	115		110	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Client Sample ID: GW-017338-081909-ACH-12 Lab Sample ID: 460-4869-4 MSD

Matrix: Water Lab File ID: z3504.d

Analysis Method: 8270C Date Collected: 08/19/2009 11:45

Extract. Method: 3510C Date Extracted: 08/20/2009 18:38

Sample wt/vol: 900(mL) Date Analyzed: 08/31/2009 06:41

Con. Extract Vol.: 2(mL) Dilution Factor: 10

Injection Volume: 1.0(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15714 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	0	19-66	D
321-60-8	2-Fluorobiphenyl	0	53-110	D
4165-62-2	Phenol-d5	0	13-44	D
4165-60-0	Nitrobenzene-d5	0	49-114	D
118-79-6	2,4,6-Tribromophenol	0	52-122	D
1718-51-0	Terphenyl-d14	0	46-129	D

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3504.d
Report Date: 31-Aug-2009 09:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3504.d
Lab Smp Id: 460-4869-B-4-A MSD Client Smp ID: GW-017338-081909-AC
Inj Date : 31-AUG-2009 06:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-4869-B-4-A MSD
Misc Info : 460-4869-B-4-A MSD
Comment   :
Method   : /chem/BNAMS11.i/8270/08-31-09/31aug09.b/8270C_08SP.m
Meth Date : 31-Aug-2009 04:49 asfawa Quant Type: ISTD
Cal Date : 31-AUG-2009 01:11 Cal File: z3493.d
Als bottle: 13 QC Sample: MSD
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106	1,4-Dioxane	88	1.325	1.313	(0.343)	9393	2.78289	62(a)
19	N-Nitrosodimethylamine	74	1.531	1.519	(0.396)	13760	2.74515	61(a)
71	Pyridine	79	1.560	1.543	(0.404)	13409	1.57353	35(a)
110	Benzaldehyde	77	3.419	3.419	(0.884)	33889	10.3133	230(R)
1	Phenol	94	3.525	3.531	(0.912)	19070	1.87808	42(a)
73	Aniline	93	3.531	3.531	(0.913)	26870	2.23723	50(a)
20	bis(2-Chloroethyl)ether	93	3.602	3.601	(0.932)	41132	4.94257	110
2	2-Chlorophenol	128	3.654	3.654	(0.945)	34570	4.04694	90(a)
21	1,3-Dichlorobenzene	146	3.807	3.807	(0.985)	39313	3.94841	88(a)
* 79	1,4-Dichlorobenzene-d4	152	3.866	3.866	(1.000)	238324	40.0000	
22	1,4-Dichlorobenzene	146	3.884	3.884	(1.005)	40759	4.00924	89(a)
74	Benzyl Alcohol	108	4.013	4.013	(1.038)	18523	3.43641	76(a)
23	1,2-Dichlorobenzene	146	4.037	4.037	(1.044)	38268	4.06471	90(a)
3	2-Methylphenol	108	4.143	4.142	(1.071)	24786	3.57733	79(a)
24	bis (2-chloroisopropyl) ether	45	4.154	4.154	(1.075)	46003	5.16896	110(a)

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3504.d
Report Date: 31-Aug-2009 09:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
104	Acetophenone	105	4.272	4.278	(1.105)	138534	13.6669	300(R)
4	4-Methylphenol	108	4.301	4.301	(1.113)	25070	3.67472	82(a)
124	3 & 4 methylphenol	108	4.301	4.301	(1.113)	25070	3.67472	82(a)
25	N-Nitroso-di-n-propylamine	70	4.284	4.289	(1.108)	29398	5.42184	120
26	Hexachloroethane	117	4.372	4.378	(1.131)	30991	7.91605	180(R)
27	Nitrobenzene	77	4.449	4.448	(0.863)	58860	5.18879	120
107	N,N-Dimethylaniline	120	4.454	4.454	(1.152)	53211	4.26900	95
28	Isophorone	82	4.696	4.689	(0.911)	68778	4.70753	100(a)
5	2-Nitrophenol	139	4.772	4.772	(0.926)	18931	4.44989	99(a)
6	2,4-Dimethylphenol	122	4.843	4.842	(0.940)	23886	3.59590	80(a)
29	bis(2-Chloroethoxy)methane	93	4.931	4.925	(0.957)	46318	5.24183	120
15	Benzoic Acid	122	4.913	4.942	(0.953)	3571	1.43112	32(aMH)
7	2,4-Dichlorophenol	162	5.025	5.025	(0.975)	26601	4.48342	100(a)
30	1,2,4-Trichlorobenzene	180	5.107	5.101	(0.991)	29912	4.05864	90
* 80	Naphthalene-d8	136	5.154	5.154	(1.000)	833952	40.0000	
31	Naphthalene	128	5.184	5.172	(1.006)	2074731	89.3455	2000(R)
32	4-Chloroaniline	127	5.243	5.242	(1.017)	30745	3.66932	82(a)
33	Hexachlorobutadiene	225	5.319	5.319	(1.032)	17494	3.90518	87
111	Caprolactam	113	5.578	5.572	(1.082)	2128	1.20984	27(a)
8	4-Chloro-3-methylphenol	107	5.748	5.748	(1.115)	25656	4.26639	95(a)
34	2-Methylnaphthalene	142	5.872	5.872	(1.139)	107117	7.74042	170(R)
120	1-Methylnaphthalene	142	5.966	5.966	(1.157)	10706	0.80954	18(a)
35	Hexachlorocyclopentadiene	237	6.043	6.042	(0.876)	7235	1.51334	34(aR)
9	2,4,6-Trichlorophenol	196	6.160	6.166	(0.893)	18962	4.54410	100(a)
10	2,4,5-Trichlorophenol	196	6.201	6.201	(0.899)	19558	4.65251	100(a)
102	Diphenyl	154	6.337	6.336	(0.918)	82205	4.80693	110(a)
36	2-Chloronaphthalene	162	6.348	6.348	(0.920)	61461	4.63973	100(a)
103	Diphenyl Ether	170	6.448	6.448	(0.934)	42711	4.47913	100(a)
37	2-Nitroaniline	65	6.460	6.460	(0.936)	23407	5.01481	110(a)
38	Dimethylphthalate	163	6.654	6.654	(0.964)	64290	4.79408	110(a)
40	2,6-Dinitrotoluene	165	6.701	6.707	(0.971)	13964	4.54356	100
39	Acenaphthylene	152	6.754	6.754	(0.979)	94403	4.56204	100(a)
41	3-Nitroaniline	138	6.866	6.866	(0.995)	11352	3.89528	86(a)
* 82	Acenaphthene-d10	164	6.901	6.901	(1.000)	427721	40.0000	
42	Acenaphthene	154	6.931	6.930	(1.004)	55862	4.57523	100(a)
11	2,4-Dinitrophenol	184	6.972	6.972	(1.010)	3206	2.35671	52(aR)
12	4-Nitrophenol	65	7.066	7.060	(1.024)	2137	1.01843	23(a)
44	2,4-Dinitrotoluene	165	7.095	7.101	(1.028)	16605	4.15335	92
43	Dibenzofuran	168	7.101	7.101	(1.029)	81798	4.57734	100(a)
45	Diethylphthalate	149	7.348	7.348	(1.065)	62992	4.86728	110(a)
47	Fluorene	166	7.437	7.436	(1.078)	65202	4.60589	100(a)
46	4-Chlorophenyl-phenylether	204	7.442	7.448	(1.078)	31524	4.44416	99(a)
48	4-Nitroaniline	138	7.460	7.466	(1.081)	10630	4.59197	100(a)
13	4,6-Dinitro-2-methylphenol	198	7.495	7.501	(0.898)	5762	3.00777	67(a)
49	N-Nitrosodiphenylamine	169	7.560	7.560	(0.906)	44412	5.21792	120
75	1,2-Diphenylhydrazine	77	7.595	7.601	(0.910)	79563	4.92504	110(a)
50	4-Bromophenyl-phenylether	248	7.919	7.919	(0.949)	15462	4.24674	94(a)

Data File: /chem/BNAMS11.i/8270/08-31-09/31aug09.b/z3504.d
Report Date: 31-Aug-2009 09:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	51 Hexachlorobenzene	284	7.978	7.983	(0.956)	15760	4.22445	94
	112 Atrazine	200	8.095	8.095	(0.970)	10784	3.42850	76(a)
	14 Pentachlorophenol	266	8.178	8.177	(0.980)	5414	2.74447	61(aR)
*	83 Phenanthrene-d10	188	8.348	8.348	(1.000)	579658	40.0000	
	52 Phenanthrene	178	8.372	8.372	(1.003)	79563	4.57759	100(a)
	53 Anthracene	178	8.419	8.419	(1.008)	75878	4.37286	97(a)
	54 Carbazole	167	8.584	8.583	(1.028)	65255	4.73351	100(a)
	55 Di-n-butylphthalate	149	8.948	8.948	(1.072)	82796	4.52106	100(a)
	56 Fluoranthene	202	9.531	9.530	(1.142)	71808	4.61598	100(a)
	57 Pyrene	202	9.748	9.748	(0.886)	69756	4.44614	99(a)
	59 Butylbenzylphthalate	149	10.413	10.418	(0.947)	25672	4.27850	95(a)
	60 3,3'-Dichlorobenzidine	252	10.972	10.971	(0.997)	11562	4.69197	100(a)
	61 Benzo(a)anthracene	228	10.989	10.989	(0.999)	45785	4.62300	100
*	81 Chrysene-d12	240	11.001	11.001	(1.000)	354284	40.0000	
	62 Chrysene	228	11.025	11.030	(1.002)	44318	4.99661	110(a)
	63 bis(2-Ethylhexyl)phthalate	149	11.066	11.066	(1.006)	32356	4.09170	91(a)
	64 Di-n-octylphthalate	149	11.854	11.860	(0.928)	33570	3.12967	70(a)
	65 Benzo(b)fluoranthene	252	12.289	12.289	(0.962)	26956	4.34941	97
	66 Benzo(k)fluoranthene	252	12.319	12.324	(0.964)	30788	4.60285	100
	67 Benzo(a)pyrene	252	12.701	12.701	(0.994)	19518	3.74403	83
*	84 Perylene-d12	264	12.777	12.783	(1.000)	201065	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.154	14.159	(1.108)	16602	4.42692	98
	69 Dibenz(a,h)anthracene	278	14.189	14.189	(1.110)	12522	3.28363	73
	70 Benzo(g,h,i)perylene	276	14.501	14.501	(1.135)	15597	4.06197	90(a)

QC Flag Legend

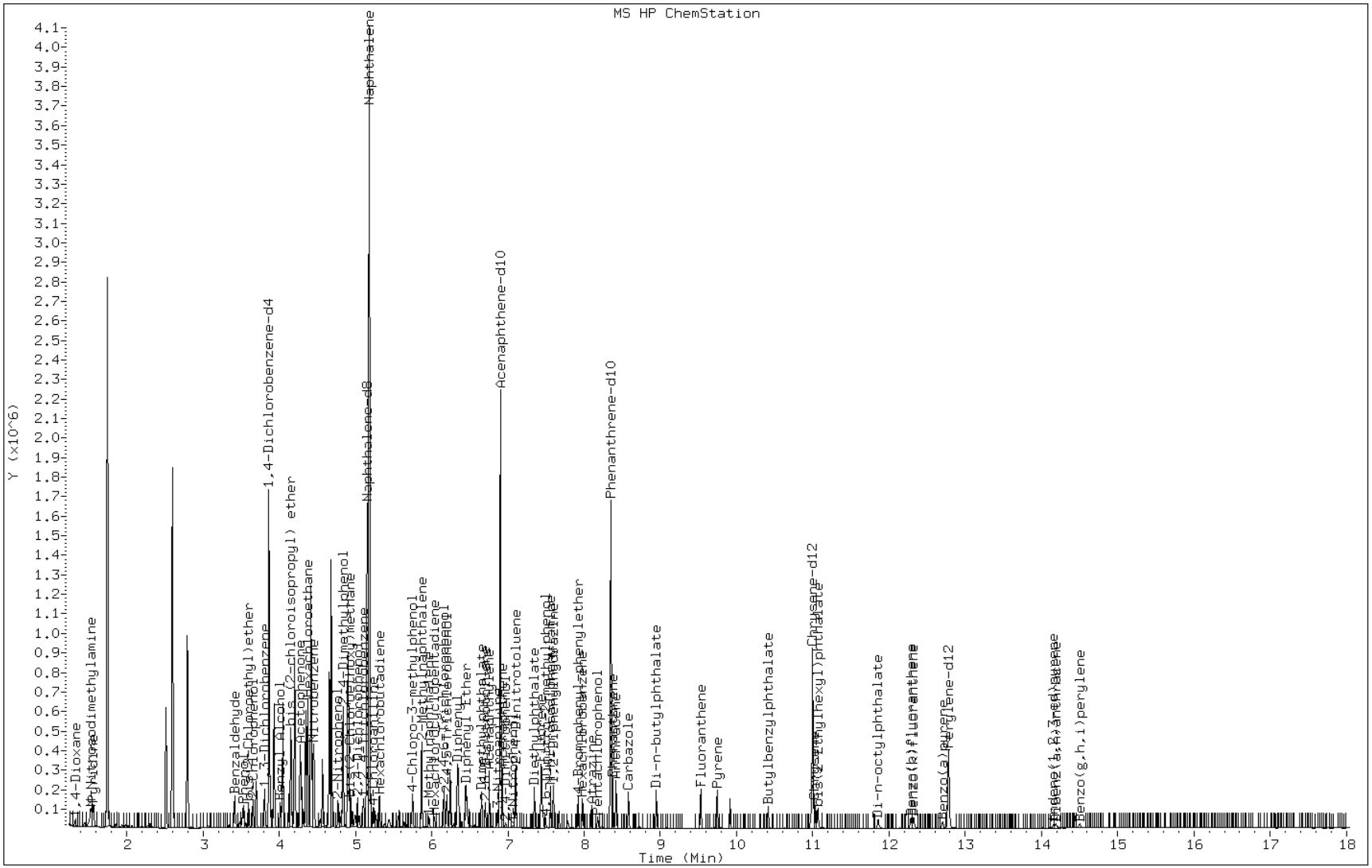
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z3504.d

Date: 31-AUG-2009 06:41

Client ID: GW-017338-081909-AC Instrument: BNAMS11.i

Sample Info: 460-4869-B-4-A MSD Operator: BNAMS 4



TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/625/08-19-09s/19aug09.b

Date Generated: 08/21/2009

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/19/09 0044	x1981.d	1	DFTPP-61180			0	0	1	2.0	all	4378	S
08/19/09 0106	x1982.d	2	ICIS-154120			1000	2	1	1.0	all	4382	S
08/19/09 0142	x1983.d	3	IC-154124			1000	2	1	1.0	all		S
08/19/09 0206	x1984.d	4	IC-154121			1000	2	1	1.0	all		S
08/19/09 0231	x1985.d	5	IC-154123			1000	2	1	1.0	all		S
08/19/09 0255	x1986.d	6	IC-154122			1000	2	1	1.0	all		S
08/19/09 1605	x2014.d	34	460-4601-E-1-A	460-14120	08/12/09	890	2	5	1.0	all		S

625. 2 #'s on.

Signed: C. D Read and Understood by:

Date: 8/21/09 Date: 08.21.09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b

Date Generated: 08/22/2009

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/21/09 1637	x2081.d	1	DFTPP-61180			0	0	1	2.0	all	4378	a
08/21/09 1652	x2082.d	2	CCVIS-154120			1000	2	1	1.0	all	4378	a
08/21/09 1723	x2083.d	3	460-4811-C-1-A	460-14644	08/19/09	980	2	1	1.0	all		a
08/21/09 1748	x2084.d	4	MB 460-14834/1-A	21aug09a		1000	2	1	1.0	all		a
08/21/09 1813	x2085.d	5	LCS 460-14834/2-A	21aug09a		1000	2	1	1.0	all		a
08/21/09 1837	x2086.d	6	460-4869-B-1-A	460-14834	08/20/09	900	2	1	1.0	all		a
08/21/09 1902	x2087.d	7	460-4869-A-2-A	460-14834	08/20/09	950	2	1	1.0	all		a
08/21/09 1926	x2088.d	8	460-4869-B-3-A	460-14834	08/20/09	960	2	1	1.0	all		a
08/21/09 1951	x2089.d	9	460-4869-A-4-B	460-14834	08/20/09	980	2	1	1.0	all		RR 10x · Y
08/21/09 2015	x2090.d	10	460-4869-A-4-A MS	460-14834	08/20/09	900	2	1	1.0	all		RR 10x · X
08/21/09 2039	x2091.d	11	460-4869-B-4-A MSD	460-14834	08/20/09	900	2	1	1.0	all		RR 10x · X
08/21/09 2104	x2092.d	12	460-4869-A-5-A	460-14834	08/20/09	990	2	1	1.0	all		a
08/21/09 2128	x2093.d	13	460-4869-B-6-A	460-14834	08/20/09	950	2	1	1.0	all		RR · 2Acids
08/21/09 2153	x2094.d	14	460-4869-B-7-A	460-14834	08/20/09	990	2	1	1.0	all		a / Acid Lot

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/08-19-09/21aug09a.b

Date Generated: 08/22/2009

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/21/09 2217	x2095.d	15	460-4835-E-1-A	460-14834	08/20/09	980	2	1	1.0	all		G
08/21/09 2242	x2096.d	16	460-4835-E-2-A	460-14834	08/20/09	950	2	1	1.0	all		G
08/21/09 2307	x2097.d	17	460-4835-D-3-A	460-14834	08/20/09	950	2	1	1.0	all		G
08/21/09 2332	x2098.d	18	460-4835-E-4-A	460-14834	08/20/09	970	2	1	1.0	all		G
08/21/09 2357	x2099.d	19	460-4835-E-5-A	460-14834	08/20/09	950	2	1	1.0	all		G
08/22/09 0022	x2100.d	20	460-4835-D-6-A	460-14834	08/20/09	950	2	1	1.0	all		G
08/22/09 0047	x2101.d	21	460-4835-E-7-A	460-14834	08/20/09	990	2	1	1.0	all		G
08/22/09 0111	x2102.d	22	460-4835-E-8-A	460-14834	08/20/09	980	2	1	1.0	all		G
08/22/09 0136	x2103.d	23		21aug09a		1000	2	1	1.0	all		NOMS-X
08/22/09 0200	x2104.d	24		21aug09a		1000	2	1	1.0	all		NOMS-X
08/22/09 0225	x2105.d	25		21aug09a		1000	2	1	1.0	all		NOMS-X

Signed: _____ Read and Understood by: _____

Date: 8/23/09 Date: 8-24-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/08-31-09/01sep09.b

Date Generated: 09/02/2009

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/01/09 0752	z3549.d	1	DFTPP-61180			0	0	1	2.0	all	4378	a
09/01/09 0810	z3550.d	2	CCVIS-154120	✓		1000	2	1	1.0	all	4392	a
09/01/09 0850	z3551.d	3	ISTD 4387J	01sep09		1000	2	1	1.0	all		a NO use. x
09/01/09 0917	z3552.d	4	MB 460-15687/1-A	460-15687		1000	2	1	1.0	all		a
09/01/09 0942	z3553.d	5	LCS 460-15687/2-A	460-15687		1000	2	1	1.0	all		a
09/01/09 1006	z3554.d	6	LCSD 460-15687/3-A	460-15687	✓	1000	2	1	1.0	all		a
09/01/09 1031	z3555.d	7	460-4869-A-6-A	460-15687	08/31/09	940	2	1	1.0	all		a
09/01/09 1055	z3556.d	8	460-5153-B-32-A	460-15687	08/31/09	980	2	1	1.0	all		a
09/01/09 1120	z3557.d	9	460-5078-B-25-A	460-15465	08/27/09	900	2	1	1.0	all	✓	a

Signed: W Read and Understood by: CW

Date: 9/2/09 Date: 9-2-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/625/08-31-09/31aug09.b

Date Generated: 09/01/2009

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/31/09 0049	z3492.d	1	DFTPP-61180	—	—	0	0	1	2.0	all	4379	G
08/31/09 0111	z3493.d	2	ICIS-154120	—	—	1000	2	1	1.0	all	4392	G
08/31/09 0204	z3494.d	3	IC-154124	—	—	1000	2	1	1.0	all	4392	G
08/31/09 0227	z3495.d	4	IC-154121	—	—	1000	2	1	1.0	all	4392	G
08/31/09 0252	z3496.d	5	IC-154123	—	—	1000	2	1	1.0	all	4392	G
08/31/09 0316	z3497.d	6	IC-154122	—	—	1000	2	1	1.0	all	4392	G
08/31/09 0404	z3499.d	8	icv	31aug09	—	1000	1	1	1.0	all	4396	G
08/31/09 0731	z3506.d	15	MB 460-15509/1-A	460-15509	—	1000	2	1	1.0	all	—	G
08/31/09 0755	z3507.d	16	LCS 460-15509/2-A	460-15509	—	1000	2	1	1.0	all	—	G
08/31/09 0820	z3508.d	17	LCSD 460-15509/3-A	460-15509	—	1000	2	1	1.0	all	—	G
08/31/09 0926	z3509.d	18	460-5002-D-3-A	460-15265	08/26/09	920	2	2	1.0	all	—	RR - sent to RS surr fault low
08/31/09 0950	z3510.d	19	460-5055-A-1-A	460-15375	08/27/09	990	2	5	1.0	all	—	surr low RR 10x hvy matrix / non-target
08/31/09 1015	z3511.d	20	460-5096-A-7-A	460-15610	08/28/09	980	2	2	1.0	all	—	G
08/31/09 1039	z3512.d	21	460-5096-A-14-A	460-15610	08/28/09	1000	2	2	1.0	all	—	G

G 625 method good except for 1) benzaldehyde 2) benzidine

S compounds outside QC limits

× 23498 → Calib level 6 for 8270 method are under 8270 method (M) 9/1/09

×× 23500 to 23505 (M) 9/1/09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/625/08-31-09/31aug09.b

Date Generated: 09/01/2009

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/31/09 1104	z3513.d	22	460-5082-G-1-A	460-15509	08/28/09	900	2	1	1.0	all	—	c
08/31/09 1129	z3514.d	23	460-5082-F-3-A	460-15509	08/28/09	890	2	1	1.0	all	—	RR2 non-target surr low
08/31/09 1153	z3515.d	24	460-5082-E-5-A	460-15509	08/28/09	890	2	1	1.0	all	—	RR2 non-target surr low
08/31/09 1218	z3516.d	25	460-5082-D-7-A	460-15509	08/28/09	960	2	1	1.0	all	—	c
08/31/09 1242	z3517.d	26	460-5082-D-9-A	460-15509	08/28/09	890	2	1	1.0	all	—	RR 2o non-target surr lo
08/31/09 1307	z3518.d	27	460-5082-D-11-A	460-15509	08/28/09	900	2	1	1.0	all	—	NC - no Total added
08/31/09 1332	z3519.d	28	460-5082-D-13-A	460-15509	08/28/09	970	2	1	1.0	all	—	c
08/31/09 1356	z3520.d	29	460-5082-E-15-A	460-15509	08/28/09	980	2	1	1.0	all	—	c
08/31/09 1421	z3521.d	30	460-5082-E-17-A	460-15509	08/28/09	880	2	1	1.0	all	—	c
08/31/09 1445	z3522.d	31	460-5082-F-19-A	460-15509	08/28/09	950	2	1	1.0	all	—	c
08/31/09 1524	z3523.d	32	460-5082-E-21-A	460-15509	08/28/09	880	2	1	1.0	all	—	c
08/31/09 1548	z3524.d	33	460-5085-D-1-A	460-15509	08/28/09	900	2	1	1.0	all	—	c
08/31/09 1613	z3525.d	34	460-5085-D-3-A	460-15509	08/28/09	980	2	1	1.0	all	—	c
08/31/09 1637	z3526.d	35	460-5085-E-5-A	460-15509	08/28/09	890	2	1	1.0	all	—	c

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/625/08-31-09/31aug09.b

Date Generated: 09/01/2009

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/31/09 1702	z3527.d	36	460-5086-D-1-A	460-15509	08/28/09	990	2	1	1.0	all	-	6
08/31/09 1726	z3528.d	37	460-5086-F-2-A	460-15509	08/28/09	980	2	1	1.0	all	-	6
08/31/09 1751	z3529.d	38	460-5086-G-3-A	460-15509	08/28/09	980	2	1	1.0	all	-	6
08/31/09 1815	z3530.d	39	460-5086-G-4-A	460-15509	08/28/09	980	2	1	1.0	all	-	6
08/31/09 1839	z3531.d	40	460-5055-A-1-A	460-15375	08/27/09	990	2	10	1.0	all	-	6 surr diluted out
08/31/09 1904	z3532.d	41	460-5082-F-3-A	460-15509	08/28/09	890	2	2	1.0	all	-	6 non-target
08/31/09 1928	z3533.d	42	460-5082-E-5-A	460-15509	08/28/09	890	2	2	1.0	all	-	sent @ 9/8/09 ~~sent~~ to reextract - surr lo
08/31/09 1953	z3534.d	43	460-5082-D-11-A	460-15509	08/28/09	900	2	1	1.0	all	-	6
08/31/09 2018	z3535.d	44	MB 460-15689/1-A	460-15689	-	1000	2	1	1.0	all	-	6
08/31/09 2042	z3536.d	45	LCS 460-15689/2-A	460-15689	-	1000	2	1	1.0	all	-	6
08/31/09 2107	z3537.d	46	LCSD 460-15689/3-A	460-15689	-	1000	2	1	1.0	all	-	6
08/31/09 2131	z3538.d	47	460-5111-A-1-A	460-15689	08/31/09	990	2	1	1.0	all	-	6
08/31/09 2156	z3539.d	48	460-5111-A-2-A	460-15689	08/31/09	990	2	1	1.0	all	-	RE 10x - bad matrix
08/31/09 2220	z3540.d	49	460-5111-A-3-A	460-15689	08/31/09	990	2	1	1.0	all	-	RE possible C/D

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/625/08-31-09/31aug09.b

Date Generated: 09/01/2009

Page 4

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
08/31/09 2245	z3541.d	50	460-5111-B-4-A	460-15689	08/31/09	990	2	1	1.0	all	—	6
08/31/09 2310	z3542.d	51	460-5111-B-5-A	460-15689	08/31/09	990	2	1	1.0	all	—	6
08/31/09 2334	z3543.d	52	460-5111-A-6-A	460-15689	08/31/09	990	2	1	1.0	all	—	6
09/01/09 0302	z3544.d	53	460-5126-D-1-A	460-15689	08/31/09	1000	2	1	1.0	all	—	NG- outside DFTPP time
09/01/09 0327	z3545.d	54	460-5152-I-1-A	460-15689	08/31/09	860	2	1	1.0	all	—	
09/01/09 0351	z3546.d	55	460-5152-J-2-A	460-15689	08/31/09	880	2	1	1.0	all	—	
09/01/09 0416	z3547.d	56	460-5152-H-3-A	460-15689	08/31/09	890	2	1	1.0	all	—	
09/01/09 0441	z3548.d	57	blk	31aug09	—	1000	2	1	1.0	all	—	-

Signed: Michael Rocco Read and Understood by: [signature]

Date: 9/1/09 Date: 9-1-09

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 08/31/2009 00:49

Analysis Batch Number: 15714 End Date: 08/31/2009 07:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-15714/1		08/31/2009 00:49	1	z3492.d	Rtx-5MS 0.25(mm)
ICIS 460-15714/2		08/31/2009 01:11	1	z3493.d	Rtx-5MS 0.25(mm)
IC 460-15714/3		08/31/2009 02:04	1	z3494.d	Rtx-5MS 0.25(mm)
IC 460-15714/4		08/31/2009 02:27	1	z3495.d	Rtx-5MS 0.25(mm)
IC 460-15714/5		08/31/2009 02:52	1	z3496.d	Rtx-5MS 0.25(mm)
IC 460-15714/6		08/31/2009 03:16	1	z3497.d	Rtx-5MS 0.25(mm)
IC 460-15714/7		08/31/2009 03:40	1	z3498.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/31/2009 05:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/31/2009 05:28	1		Rtx-5MS 0.25(mm)
460-4869-4	GW-017338-081909-ACH-12	08/31/2009 05:52	10	z3502.d	Rtx-5MS 0.25(mm)
460-4869-4 MS	GW-017338-081909-ACH-12 MS	08/31/2009 06:17	10	z3503.d	Rtx-5MS 0.25(mm)
460-4869-4 MSD	GW-017338-081909-ACH-12 MSD	08/31/2009 06:41	10	z3504.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/31/2009 07:06	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/01/2009 07:52

Analysis Batch Number: 15839 End Date: 09/01/2009 10:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-15839/1		09/01/2009 07:52	1	z3549.d	Rtx-5MS 0.25(mm)
CCVIS 460-15839/2		09/01/2009 08:10	1	z3550.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/01/2009 08:50	1		Rtx-5MS 0.25(mm)
MB 460-15687/1-A		09/01/2009 09:17	1	z3552.d	Rtx-5MS 0.25(mm)
LCS 460-15687/2-A		09/01/2009 09:42	1	z3553.d	Rtx-5MS 0.25(mm)
LCSD 460-15687/3-A		09/01/2009 10:06	1	z3554.d	Rtx-5MS 0.25(mm)
460-4869-6 RE	RB-017338-081909-ACH-14 RE	09/01/2009 10:31	1	z3555.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 08/19/2009 00:44

Analysis Batch Number: 14784 End Date: 08/19/2009 12:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-14784/1		08/19/2009 00:44	1	x1981.d	Rtx-5MS 0.25(mm)
ICIS 460-14784/2		08/19/2009 01:06	1	x1982.d	Rtx-5MS 0.25(mm)
IC 460-14784/3		08/19/2009 01:42	1	x1983.d	Rtx-5MS 0.25(mm)
IC 460-14784/4		08/19/2009 02:06	1	x1984.d	Rtx-5MS 0.25(mm)
IC 460-14784/5		08/19/2009 02:31	1	x1985.d	Rtx-5MS 0.25(mm)
IC 460-14784/6		08/19/2009 02:55	1	x1986.d	Rtx-5MS 0.25(mm)
IC 460-14784/7		08/19/2009 03:20	1	x1987.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 05:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 06:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 06:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 06:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 07:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 07:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 08:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 08:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 08:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 09:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 09:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 10:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 10:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 11:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 11:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 11:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 12:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/19/2009 12:41	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 08/21/2009 16:37

Analysis Batch Number: 15036 End Date: 08/22/2009 01:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-15036/1		08/21/2009 16:37	1	x2081.d	Rtx-5MS 0.25(mm)
CCVIS 460-15036/2		08/21/2009 16:52	1	x2082.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2009 17:23	1		Rtx-5MS 0.25(mm)
MB 460-14834/1-A		08/21/2009 17:48	1	x2084.d	Rtx-5MS 0.25(mm)
LCS 460-14834/2-A		08/21/2009 18:13	1	x2085.d	Rtx-5MS 0.25(mm)
460-4869-1	GW-017338-081909-ACH-09	08/21/2009 18:37	1	x2086.d	Rtx-5MS 0.25(mm)
460-4869-2	GW-017338-081909-ACH-10	08/21/2009 19:02	1	x2087.d	Rtx-5MS 0.25(mm)
460-4869-3	GW-017338-081909-ACH-11	08/21/2009 19:26	1	x2088.d	Rtx-5MS 0.25(mm)
460-4869-5	GW-017338-081909-ACH-13	08/21/2009 21:04	1	x2092.d	Rtx-5MS 0.25(mm)
460-4869-7	GW-017338-081909-ACH-15	08/21/2009 21:53	1	x2094.d	Rtx-5MS 0.25(mm)
460-4835-1	GW-017338-081709-ACH-01	08/21/2009 22:17	1	x2095.d	Rtx-5MS 0.25(mm)
460-4835-2	GW-017338-081709-ACH-02	08/21/2009 22:42	1	x2096.d	Rtx-5MS 0.25(mm)
460-4835-3	GW-017338-081709-ACH-03	08/21/2009 23:07	1	x2097.d	Rtx-5MS 0.25(mm)
460-4835-4	GW-017338-081809-ACH-04	08/21/2009 23:32	1	x2098.d	Rtx-5MS 0.25(mm)
460-4835-5	GW-017338-081809-ACH-05	08/21/2009 23:57	1	x2099.d	Rtx-5MS 0.25(mm)
460-4835-6	GW-017338-081809-ACH-06	08/22/2009 00:22	1	x2100.d	Rtx-5MS 0.25(mm)
460-4835-7	GW-017338-081809-ACH-07	08/22/2009 00:47	1	x2101.d	Rtx-5MS 0.25(mm)
460-4835-8	GW-017338-081809-ACH-08	08/22/2009 01:11	1	x2102.d	Rtx-5MS 0.25(mm)

Organic Prep Worksheet

Batch Number: 460-14834
Method: 3510C
Analyst: Huertas, Jaime

Date Open: Aug 20 2009 6:38PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00005
MB~460-14834/1		3510C, 8270C		7	1000 mL	2 mL	2	12	
LCS~460-14834/2		3510C, 8270C		7	1000 mL	2 mL	2	12	1 mL
460-4869-A-4~MS	GW-017338-081909-ACH-12	3510C, 8270C	T	7	900 mL	2 mL	2	12	1 mL
460-4869-B-4~MSD	GW-017338-081909-ACH-12	3510C, 8270C	T	7	900 mL	2 mL	2	12	1 mL
460-4869-B-1	GW-017338-081909-ACH-09	3510C, 8270C	T	7	900 mL	2 mL	2	12	
460-4869-A-2	GW-017338-081909-ACH-10	3510C, 8270C	T	7	950 mL	2 mL	2	12	
460-4869-B-3	GW-017338-081909-ACH-11	3510C, 8270C	T	7	960 mL	2 mL	2	12	
460-4869-A-4	GW-017338-081909-ACH-12	3510C, 8270C	T	7	980 mL	2 mL	2	12	
460-4869-A-5	GW-017338-081909-ACH-13	3510C, 8270C	T	7	990 mL	2 mL	2	12	
460-4869-B-6	RB-017338-081909-ACH-14		T	7	950 mL	2 mL	2	12	
460-4869-B-7	GW-017338-081909-ACH-15	3510C, 8270C	T	7	990 mL	2 mL	2	12	
460-4835-E-1	GW-017338-081709-ACH-01	3510C, 8270C	T	7	980 mL	2 mL	2	12	
460-4835-E-2	GW-017338-081709-ACH-02	3510C, 8270C	T	7	950 mL	2 mL	2	12	
460-4835-D-3	GW-017338-081709-ACH-03	3510C, 8270C	T	7	950 mL	2 mL	2	12	
460-4835-E-4	GW-017338-081809-ACH-04	3510C, 8270C	T	7	970 mL	2 mL	2	12	
460-4835-E-5	GW-017338-081809-ACH-05	3510C, 8270C	T	7	950 mL	2 mL	2	12	
460-4835-D-6	GW-017338-081809-ACH-06	3510C, 8270C	T	7	950 mL	2 mL	2	12	
460-4835-E-7	GW-017338-081809-ACH-07	3510C, 8270C	T	7	990 mL	2 mL	2	12	
460-4835-E-8	GW-017338-081809-ACH-08	3510C, 8270C	T	7	980 mL	2 mL	2	12	

Organic Prep Worksheet

Batch Number: 460-14834
Method: 3510C
Analyst: Huertas, Jaime

Date Open: Aug 20 2009 6:38PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	OP625/82SU_00005
MB~460-14834/1		3510C, 8270C		1 mL
LCS~460-14834/2		3510C, 8270C		1 mL
460-4869-A-4~MS	GW-017338-081909-ACH-12	3510C, 8270C	T	1 mL
460-4869-B-4~MSD	GW-017338-081909-ACH-12	3510C, 8270C	T	1 mL
460-4869-B-1	GW-017338-081909-ACH-09	3510C, 8270C	T	1 mL
460-4869-A-2	GW-017338-081909-ACH-10	3510C, 8270C	T	1 mL
460-4869-B-3	GW-017338-081909-ACH-11	3510C, 8270C	T	1 mL
460-4869-A-4	GW-017338-081909-ACH-12	3510C, 8270C	T	1 mL
460-4869-A-5	GW-017338-081909-ACH-13	3510C, 8270C	T	1 mL
460-4869-B-6	RB-017338-081909-ACH-14		T	1 mL
460-4869-B-7	GW-017338-081909-ACH-15	3510C, 8270C	T	1 mL
460-4835-E-1	GW-017338-081709-ACH-01	3510C, 8270C	T	1 mL
460-4835-E-2	GW-017338-081709-ACH-02	3510C, 8270C	T	1 mL
460-4835-D-3	GW-017338-081709-ACH-03	3510C, 8270C	T	1 mL
460-4835-E-4	GW-017338-081809-ACH-04	3510C, 8270C	T	1 mL
460-4835-E-5	GW-017338-081809-ACH-05	3510C, 8270C	T	1 mL
460-4835-D-6	GW-017338-081809-ACH-06	3510C, 8270C	T	1 mL
460-4835-E-7	GW-017338-081809-ACH-07	3510C, 8270C	T	1 mL
460-4835-E-8	GW-017338-081809-ACH-08	3510C, 8270C	T	1 mL

Person's name who did the prep:	JH	Base used for pH adjust Lot #:	OP075
Prep Solvent Name:	Mecl2	Person's name who did the concentration:	JH
Prep Solvent Lot #:	H24E16	Concentration Start Time:	8:00P M
Prep Solvent Volume Used:	3x60 mL	Concentration End Time:	11:00PM
Person's name who witnessed reagent drop:	JS	Na2SO4 Lot Number:	G47595
Acid used for pH adjustment:	H2SO4	Sufficient volume for MS/MSD?:	Y
Acid used for pH adjust Lot #:	G20022		
Base used for pH adjustment:	NaoH		

Organic Prep Worksheet

Batch Number: 460-14834
Method: 3510C
Analyst: Huertas, Jaime

Date Open: Aug 20 2009 6:38PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-14834/1		3510C, 8270C		
LCS~460-14834/2		3510C, 8270C		
460-4869-A-4~MS	GW-017338-081909-ACH-12	3510C, 8270C	T	
460-4869-B-4~MSD	GW-017338-081909-ACH-12	3510C, 8270C	T	
460-4869-B-1	GW-017338-081909-ACH-09	3510C, 8270C	T	
460-4869-A-2	GW-017338-081909-ACH-10	3510C, 8270C	T	
460-4869-B-3	GW-017338-081909-ACH-11	3510C, 8270C	T	
460-4869-A-4	GW-017338-081909-ACH-12	3510C, 8270C	T	
460-4869-A-5	GW-017338-081909-ACH-13	3510C, 8270C	T	
460-4869-B-6	RB-017338-081909-ACH-14		T	
460-4869-B-7	GW-017338-081909-ACH-15	3510C, 8270C	T	
460-4835-E-1	GW-017338-081709-ACH-01	3510C, 8270C	T	
460-4835-E-2	GW-017338-081709-ACH-02	3510C, 8270C	T	
460-4835-D-3	GW-017338-081709-ACH-03	3510C, 8270C	T	
460-4835-E-4	GW-017338-081809-ACH-04	3510C, 8270C	T	
460-4835-E-5	GW-017338-081809-ACH-05	3510C, 8270C	T	
460-4835-D-6	GW-017338-081809-ACH-06	3510C, 8270C	T	
460-4835-E-7	GW-017338-081809-ACH-07	3510C, 8270C	T	
460-4835-E-8	GW-017338-081809-ACH-08	3510C, 8270C	T	

Batch Comment: SM_istd_00008

Organic Prep Worksheet

Batch Number: 460-15687
Method: 3510C
Analyst: Chen, Mandi

Date Open: Aug 31 2009 8:39AM
Batch End: Aug 31 2009 4:00PM

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00005
MB~460-15687/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS~460-15687/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
LCSD~460-15687/3		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-5153-B-32	FB082809		T	7	980 mL	2 mL	<2	>12	
460-4869-A-6	RB-017338-081909-ACH-14	3510C, 8270C	T	7	940 mL	2 mL	<2	>12	

Organic Prep Worksheet

Batch Number: 460-15687
Method: 3510C
Analyst: Chen, Mandi

Date Open: Aug 31 2009 8:39AM
Batch End: Aug 31 2009 4:00PM

Lab ID	Client ID	Method Chain	Basis	OP625/82SU_00005
MB~460-15687/1		3510C, 8270C		1 mL
LCS~460-15687/2		3510C, 8270C		1 mL
LCSD~460-15687/3		3510C, 8270C		1 mL
460-5153-B-32	FB082809		T	1 mL
460-4869-A-6	RB-017338-081909-ACH-14	3510C, 8270C	T	1 mL

Person's name who did the prep:	MC
Prep Solvent Name:	MeCL2
Prep Solvent Lot #:	H29E06
Prep Solvent Volume Used:	180 mL
Person's name who witnessed reagent drop:	JCR
Acid used for pH adjustment:	H2SO4
Acid used for pH adjust Lot #:	G35029
Base used for pH adjustment:	NaOH
Base used for pH adjust Lot #:	OP075
Person's name who did the concentration:	MC
Concentration Start Time:	12:00PM
Concentration End Time:	14:00PM
Na2SO4 Lot Number:	H12597
Oven, Bath or Block Temperature 1:	100

Organic Prep Worksheet

Batch Number: 460-15687
Method: 3510C
Analyst: Chen, Mandi

Date Open: Aug 31 2009 8:39AM
Batch End: Aug 31 2009 4:00PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-15687/1		3510C, 8270C		
LCS~460-15687/2		3510C, 8270C		
LCSD~460-15687/3		3510C, 8270C		
460-5153-B-32	FB082809		T	
460-4869-A-6	RB-017338-081909-ACH-14	3510C, 8270C	T	

Batch Comment: SM_ISTD_00008

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-4835-1

SDG No.:

Project: GM Wilmington

Client Sample ID	Lab Sample ID
GW-017338-081709-ACH-01	460-4835-1
GW-017338-081709-ACH-02	460-4835-2
GW-017338-081709-ACH-03	460-4835-3
GW-017338-081809-ACH-04	460-4835-4
GW-017338-081809-ACH-05	460-4835-5
GW-017338-081809-ACH-06	460-4835-6
GW-017338-081809-ACH-07	460-4835-7
GW-017338-081809-ACH-08	460-4835-8
GW-017338-081909-ACH-09	460-4869-1
GW-017338-081909-ACH-10	460-4869-2
GW-017338-081909-ACH-11	460-4869-3
GW-017338-081909-ACH-12	460-4869-4
GW-017338-081909-ACH-13	460-4869-5
RB-017338-081909-ACH-14	460-4869-6
GW-017338-081909-ACH-15	460-4869-7

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081709-ACH-01 Lab Sample ID: 460-4835-1

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/17/2009 13:30

Reporting Basis: WET Date Received: 08/18/2009 18:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1390	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	220	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	55100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	4220	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	27500	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	536	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	8400	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	145000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	8.0	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.44	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081709-ACH-02 Lab Sample ID: 460-4835-2

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/17/2009 14:30

Reporting Basis: WET Date Received: 08/18/2009 18:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	12500	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	176	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	32100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	14.5	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	3.1	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	31.2	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	8460	150	40.2	ug/L			1	6010B
7439-92-1	Lead	7.7	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	8880	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	264	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	7.8	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	4830	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.1	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	66600	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	26.5	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.3	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.22	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081709-ACH-03 Lab Sample ID: 460-4835-3

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/17/2009 15:40

Reporting Basis: WET Date Received: 08/18/2009 18:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2710	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	207	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	14600	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	3.6	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	8.6	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	9210	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	10600	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	167	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	3.6	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	2450	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.5	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	62300	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	4.4	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	9.7	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081809-ACH-04 Lab Sample ID: 460-4835-4

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/18/2009 09:30

Reporting Basis: WET Date Received: 08/18/2009 18:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	3710	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	363	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	44100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	4.7	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	35.5	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	30300	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	27400	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	423	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	6.4	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	5640	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	7.7	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	81400	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	6.8	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	26.0	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.28	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081809-ACH-05 Lab Sample ID: 460-4835-5

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/18/2009 10:30

Reporting Basis: WET Date Received: 08/18/2009 18:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6530	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	614	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	61300	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	5.8	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	21.5	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	31.3	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	87500	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	42000	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	2070	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	5.5	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	3760	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	101000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	8.5	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	8.9	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.33	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081809-ACH-06 Lab Sample ID: 460-4835-6

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/18/2009 11:40

Reporting Basis: WET Date Received: 08/18/2009 18:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5920	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	431	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	35400	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	8.4	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	9.2	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	32.7	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	26500	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	28400	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1320	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	6.5	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	4300	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	70800	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	11.8	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	19.7	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.50	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081809-ACH-07 Lab Sample ID: 460-4835-7

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/18/2009 13:40

Reporting Basis: WET Date Received: 08/18/2009 18:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9250	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	21.5	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	644	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	62700	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	9.0	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	6.4	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.7	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	31400	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	23200	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	758	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	6.9	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	14800	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.5	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	180000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	12.2	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	21.1	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.28	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081809-ACH-08 Lab Sample ID: 460-4835-8

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/18/2009 14:50

Reporting Basis: WET Date Received: 08/18/2009 18:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	14500	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	10.3	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	197	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	32200	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	27.1	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	4.1	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	48.1	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	60000	150	40.2	ug/L			1	6010B
7439-92-1	Lead	51.4	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	37200	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	390	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	16.7	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	3050	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.5	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	36200	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	38.6	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	94.5	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.54	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081909-ACH-09 Lab Sample ID: 460-4869-1

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/19/2009 09:00

Reporting Basis: WET Date Received: 08/19/2009 19:11

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7300	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	16.2	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	424	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	38600	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	9.0	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	17.0	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	34.1	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	86200	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	30700	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	2190	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	8.7	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	4160	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	8.6	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	58800	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	17.6	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	31.4	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.51	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081909-ACH-10 Lab Sample ID: 460-4869-2

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/19/2009 09:15

Reporting Basis: WET Date Received: 08/19/2009 19:11

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2380	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	14.0	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	348	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	32700	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	13.5	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.8	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	72500	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	26300	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1900	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	3370	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.1	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	49700	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	5.8	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.43	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081909-ACH-11 Lab Sample ID: 460-4869-3

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/19/2009 10:30

Reporting Basis: WET Date Received: 08/19/2009 19:11

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	13.3	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	526	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	46400	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	4.2	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	8.1	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	61800	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	41400	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	948	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4610	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	174000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	19.0	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.32	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081909-ACH-12 Lab Sample ID: 460-4869-4

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/19/2009 11:45

Reporting Basis: WET Date Received: 08/19/2009 19:11

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	11200	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	30.9	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	187	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	27300	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	16.5	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	8.1	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	29.6	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	69300	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	18400	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	800	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	9.6	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	3920	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	2.0	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	76700	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	24.1	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	25.6	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.24	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081909-ACH-13 Lab Sample ID: 460-4869-5

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/19/2009 14:00

Reporting Basis: WET Date Received: 08/19/2009 19:11

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5510	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	46.5	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	385	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	78400	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	7.1	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	137	50.0	2.8	ug/L			1	6010B
7440-50-8	Copper	31.7	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	107000	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	61700	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	931	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	8.8	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	4270	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	98200	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	12.8	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	16.3	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.56	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RB-017338-081909-ACH-14 Lab Sample ID: 460-4869-6

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/19/2009 14:30

Reporting Basis: WET Date Received: 08/19/2009 19:11

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	200	200	3.2	ug/L	U		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	312	5000	72.2	ug/L	J		1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	158	5000	56.9	ug/L	J		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	5000	5000	209	ug/L	U		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	427	5000	341	ug/L	J		1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-081909-ACH-15 Lab Sample ID: 460-4869-7

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG ID.:

Matrix: Water Date Sampled: 08/19/2009 15:30

Reporting Basis: WET Date Received: 08/19/2009 19:11

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	193	200	87.0	ug/L	J		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	705	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	92500	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	6.6	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	258000	450	120	ug/L			3	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	98600	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	22100	45.0	7.5	ug/L			3	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4580	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	131000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.3	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	34.8	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.40	0.20	0.18	ug/L			1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

ICV Source: ME_CCV_T2_00009 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00009

Analyte	ICV 460-15014/5 08/21/2009 16:59				CCV 460-15014/17 08/21/2009 18:14				CCV 460-15014/29 08/21/2009 19:29			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1260		1250	100	1250		1250	100	1220		1250	97
Al	125500		125000	100	125600		125000	100	122400		125000	98
As	5030		5000	101	5020		5000	100	4820		5000	96
Ba	10090		10000	101	10060		10000	101	9690		10000	97
Be	1000		1000	100	1000		1000	100	966		1000	97
Ca	126200		125000	101	125900		125000	101	121800		125000	97
Cd	2510		2500	100	2500		2500	100	2420		2500	97
Co	2510		2500	100	2510		2500	101	2460		2500	98
Cr	5030		5000	101	5040		5000	101	4910		5000	98
Cu	12530		12500	100	12560		12500	100	12260		12500	98
Fe	100800		100000	101	100500		100000	101	96940		100000	97
K	48470		50000	97	48700		50000	97	46950		50000	94
Mg	125700		125000	101	125700		125000	101	122200		125000	98
Mn	5020		5000	100	5040		5000	101	4930		5000	99
Na	123000		125000	98	123000		125000	98	119400		125000	96
Ni	2520		2500	101	2510		2500	100	2420		2500	97
Pb	10010		10000	100	10010		10000	100	9710		10000	97
Sb	1010		1000	101	1000		1000	100	959		1000	96
Se	4990		5000	100	4980		5000	100	4820		5000	96
Tl	5020		5000	100	5020		5000	100	4870		5000	97
V	2510		2500	100	2520		2500	101	2480		2500	99
Zn	2510		2500	100	2510		2500	100	2430		2500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

ICV Source: ME_CCV_T2_00009 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00009

Analyte	CCV 460-15014/40 08/21/2009 20:38											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1240		1250	99								
Al	124500		125000	100								
As	4920		5000	98								
Ba	9890		10000	99								
Be	982		1000	98								
Ca	123700		125000	99								
Cd	2460		2500	98								
Co	2490		2500	100								
Cr	4970		5000	99								
Cu	12460		12500	100								
Fe	98680		100000	99								
K	47960		50000	96								
Mg	124200		125000	99								
Mn	4990		5000	100								
Na	121300		125000	97								
Ni	2460		2500	98								
Pb	9840		10000	98								
Sb	982		1000	98								
Se	4900		5000	98								
Tl	4950		5000	99								
V	2500		2500	100								
Zn	2460		2500	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

ICV Source: ME_CCV_T2_00009 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00009

Analyte	ICV 460-15138/5 08/24/2009 17:11				CCV 460-15138/29 08/24/2009 19:41				CCV 460-15138/41 08/24/2009 20:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Fe	100300		100000	100	99920		100000	100	98600		100000	99
Mn	4990		5000	100	4910		5000	98	4970		5000	99
Ag	1250		1250	100	1240		1250	100	1240		1250	99
Al	124400		125000	100	123100		125000	98	123200		125000	99
As	4950		5000	99	4950		5000	99	4860		5000	97
Ba	10050		10000	101	10110		10000	101	9870		10000	99
Be	1000		1000	100	996		1000	100	983		1000	98
Ca	125400		125000	100	124700		125000	100	123500		125000	99
Cd	2490		2500	100	2490		2500	100	2460		2500	98
Co	2500		2500	100	2460		2500	98	2480		2500	99
Cr	5000		5000	100	4940		5000	99	4960		5000	99
Cu	12450		12500	100	12350		12500	99	12380		12500	99
K	47540		50000	95	47920		50000	96	47290		50000	95
Mg	125000		125000	100	124300		125000	99	124100		125000	99
Na	120900		125000	97	120800		125000	97	120200		125000	96
Ni	2500		2500	100	2500		2500	100	2460		2500	98
Pb	9960		10000	100	9920		10000	99	9880		10000	99
Sb	999		1000	100	1000		1000	100	979		1000	98
Se	4930		5000	99	4920		5000	98	4870		5000	97
Tl	4990		5000	100	4960		5000	99	4970		5000	99
V	2490		2500	100	2440		2500	97	2490		2500	99
Zn	2490		2500	100	2450		2500	98	2460		2500	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

ICV Source: ME_DICV-IN_00099 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00100

Analyte	ICV 460-14989/30-A 08/24/2009 08:13				CCV 460-14989/29-A 08/24/2009 09:11				CCV 460-14989/29-A 08/24/2009 09:37			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.09		5.00	102	5.08		5.00	102	5.07		5.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

ICV Source: ME_DICV-IN_00099 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00100

Analyte	CCV 460-14989/29-A 08/24/2009 10:01											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.03		5.00	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

ICV Source: ME_DICV-IN_00099 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00100

Analyte	CCV 460-15017/7-A 08/24/2009 12:06				ICV 460-15017/9-A 08/24/2009 12:09				CCV 460-15017/7-A 08/24/2009 12:26			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	4.86		5.00	97	4.82		5.00	96	5.13		5.00	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

ICV Source: ME_DICV-IN_00099 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00100

Analyte	CCV 460-15017/7-A 08/24/2009 12:47											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.18		5.00	104								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-15014/6 08/21/2009 17:05		CCB 460-15014/18 08/21/2009 18:21		CCB 460-15014/30 08/21/2009 19:35		CCB 460-15014/41 08/21/2009 20:44	
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Al	200	200	U	200	U	200	U	200	U
As	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Ba	200	200	U	200	U	200	U	200	U
Be	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Ca	5000	5000	U	5000	U	5000	U	5000	U
Cd	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Co	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Cr	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cu	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Fe	150	150	U	150	U	150	U	150	U
K	5000	5000	U	5000	U	5000	U	5000	U
Mg	5000	5000	U	5000	U	5000	U	5000	U
Mn	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Na	5000	5000	U	5000	U	5000	U	5000	U
Ni	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Pb	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Sb	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Se	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Tl	10.0	10.0	U	10.0	U	6.30	J	10.0	U
V	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zn	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-15138/6 08/24/2009 17:18		CCB 460-15138/30 08/24/2009 19:47		CCB 460-15138/42 08/24/2009 21:02			
		Found	C	Found	C	Found	C	Found	C
Fe	150	150	U	150	U	150	U		
Mn	15.0	15.0	U	15.0	U	15.0	U		
Ag	10.0	10.0	U	10.0	U	10.0	U		
Al	200	200	U	200	U	200	U		
As	5.0	5.0	U	5.0	U	5.0	U		
Ba	200	200	U	200	U	200	U		
Be	2.0	2.0	U	2.0	U	2.0	U		
Ca	5000	5000	U	5000	U	5000	U		
Cd	5.0	5.0	U	5.0	U	5.0	U		
Co	50.0	50.0	U	50.0	U	50.0	U		
Cr	10.0	10.0	U	10.0	U	10.0	U		
Cu	25.0	25.0	U	25.0	U	25.0	U		
K	5000	5000	U	5000	U	5000	U		
Mg	5000	5000	U	5000	U	5000	U		
Na	5000	5000	U	5000	U	5000	U		
Ni	40.0	40.0	U	40.0	U	40.0	U		
Pb	5.0	5.0	U	5.0	U	5.0	U		
Sb	10.0	10.0	U	10.0	U	10.0	U		
Se	10.0	10.0	U	10.0	U	10.0	U		
Tl	10.0	10.0	U	10.0	U	10.0	U		
V	50.0	50.0	U	50.0	U	50.0	U		
Zn	30.0	30.0	U	30.0	U	30.0	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-15032/9 08/24/2009 08:11		CCB 460-15032/38 08/24/2009 09:13		CCB 460-15032/50 08/24/2009 09:39		CCB 460-15032/61 08/24/2009 10:03	
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-15074/8 08/24/2009 12:08		CCB 460-15017/8-A 08/24/2009 12:28		CCB 460-15017/8-A 08/24/2009 12:49			
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-14861/1-A

Instrument Code: ICP2 Batch No.: 15014

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-14991/1-A

Instrument Code: LEEMAN5 Batch No.: 15032

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-15017/10-A

Instrument Code: LEEMAN5 Batch No.: 15074

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: ICSA 460-15014/7 Instrument ID: ICP2

Lab File ID: 14861V1 ICS Source: ME_T2_ICSA_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.465**	
Al	**500000**	**500908**	**100**
As		**0.0842**	
Ba		**1.08**	
Be		**-0.0904**	
Ca	**500000**	**474534**	**95**
Cd		**0.374**	
Co		**2.92**	
Cr		**0.292**	
Cu		**3.81**	
Fe	**200000**	**204428**	**102**
K		**52.4**	
Mg	**500000**	**536826**	**107**
Mn		**-1.65**	
Na		**-737**	
Ni		**-0.844**	
Pb		**1.42**	
Sb		**-3.06**	
Se		**-4.57**	
Tl		**0.898**	
V		**2.66**	
Zn		**0.429**	
B		*2.30*	
Mo		*-1.16*	
Sn		*-0.288*	
Ti		*-4.57*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: ICSAB 460-15014/8 Instrument ID: ICP2

Lab File ID: 14861V1 ICS Source: ME_T2_ICAB_00004

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**103**	**103**
Al	**500000**	**482147**	**96**
As	**100**	**99.9**	**100**
Ba	**100**	**106**	**106**
Be	**100**	**96.6**	**97**
Ca	**500000**	**458118**	**92**
Cd	**100**	**98.0**	**98**
Co	**100**	**100**	**100**
Cr	**100**	**98.7**	**99**
Cu	**100**	**103**	**103**
Fe	**200000**	**197360**	**99**
K	**10000**	**11161**	**112**
Mg	**500000**	**515273**	**103**
Mn	**100**	**97.3**	**97**
Na	**10000**	**10784**	**108**
Ni	**100**	**96.7**	**97**
Pb	**100**	**100**	**100**
Sb	**100**	**97.0**	**97**
Se	**100**	**99.6**	**100**
Tl	**100**	**102**	**102**
V	**100**	**101**	**101**
Zn	**100**	**97.0**	**97**
B	*100*	*99.0*	*99*
Mo	*100*	*99.4*	*99*
Sn	*100*	*94.0*	*94*
Ti	*100*	*97.6*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: ICSA 460-15014/38 Instrument ID: ICP2

Lab File ID: 14861V1 ICS Source: ME_T2_ICSA_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.682**	
Al	**500000**	**502311**	**100**
As		**0.459**	
Ba		**0.473**	
Be		**-0.0877**	
Ca	**500000**	**472944**	**95**
Cd		**0.813**	
Co		**3.05**	
Cr		**-0.0909**	
Cu		**-0.454**	
Fe	**200000**	**203343**	**102**
K		**19.9**	
Mg	**500000**	**537622**	**108**
Mn		**-1.98**	
Na		**-730**	
Ni		**-0.0536**	
Pb		**-0.425**	
Sb		**-0.787**	
Se		**-4.48**	
Tl		**-1.64**	
V		**2.45**	
Zn		**-1.32**	
B		*-0.777*	
Mo		*-2.35*	
Sn		*-4.41*	
Ti		*-5.21*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: ICSAB 460-15014/39 Instrument ID: ICP2

Lab File ID: 14861V1 ICS Source: ME_T2_ICAB_00004

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**104**	**104**
Al	**500000**	**491951**	**98**
As	**100**	**101**	**101**
Ba	**100**	**106**	**106**
Be	**100**	**96.7**	**97**
Ca	**500000**	**459644**	**92**
Cd	**100**	**99.1**	**99**
Co	**100**	**103**	**103**
Cr	**100**	**100**	**100**
Cu	**100**	**110**	**110**
Fe	**200000**	**197689**	**99**
K	**10000**	**11203**	**112**
Mg	**500000**	**524328**	**105**
Mn	**100**	**99.8**	**100**
Na	**10000**	**10925**	**109**
Ni	**100**	**96.0**	**96**
Pb	**100**	**98.5**	**99**
Sb	**100**	**98.6**	**99**
Se	**100**	**95.8**	**96**
Tl	**100**	**94.2**	**94**
V	**100**	**103**	**103**
Zn	**100**	**98.6**	**99**
B	*100*	*98.9*	*99*
Mo	*100*	*101*	*101*
Sn	*100*	*99.4*	*99*
Ti	*100*	*99.0*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: ICSA 460-15138/7 Instrument ID: ICP2

Lab File ID: 14929V1 ICS Source: ME_T2_ICSA_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**202283**	**101**
Mn		**-1.67**	
Ag		*-0.699*	
Al	*500000*	*492344*	*98*
As		*0.210*	
B		*0.0158*	
Ba		*0.815*	
Be		*-0.0840*	
Ca	*500000*	*468618*	*94*
Cd		*-0.818*	
Co		*2.75*	
Cr		*0.455*	
Cu		*3.35*	
K		*29.1*	
Mg	*500000*	*528113*	*106*
Mo		*0.0241*	
Na		*-632*	
Ni		*-0.674*	
Pb		*-0.103*	
Sb		*4.19*	
Se		*-2.61*	
Sn		*-3.76*	
Ti		*-4.86*	
Tl		*-1.51*	
V		*3.64*	
Zn		*-1.68*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: ICSAB 460-15138/8 Instrument ID: ICP2

Lab File ID: 14929V1 ICS Source: ME_T2_ICAB_00004

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Fe	**200000**	**196851**	**98**
Mn	**100**	**96.4**	**96**
Ag	*100*	*103*	*103*
Al	*500000*	*478926*	*96*
As	*100*	*101*	*101*
B	*100*	*98.6*	*99*
Ba	*100*	*106*	*106*
Be	*100*	*96.4*	*96*
Ca	*500000*	*456530*	*91*
Cd	*100*	*97.2*	*97*
Co	*100*	*99.3*	*99*
Cr	*100*	*97.5*	*97*
Cu	*100*	*105*	*105*
K	*10000*	*11034*	*110*
Mg	*500000*	*511741*	*102*
Mo	*100*	*98.9*	*99*
Na	*10000*	*10739*	*107*
Ni	*100*	*96.6*	*97*
Pb	*100*	*100*	*100*
Sb	*100*	*102*	*102*
Se	*100*	*101*	*101*
Sn	*100*	*92.6*	*93*
Ti	*100*	*96.6*	*97*
Tl	*100*	*94.7*	*95*
V	*100*	*101*	*101*
Zn	*100*	*96.0*	*96*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: ICSA 460-15138/43 Instrument ID: ICP2

Lab File ID: 14929V1 ICS Source: ME_T2_ICSA_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**201930**	**101**
Mn		**-1.90**	
Ag		*-1.08*	
Al	*500000*	*488394*	*98*
As		*-1.83*	
B		*-1.88*	
Ba		*0.401*	
Be		*-0.155*	
Ca	*500000*	*467115*	*93*
Cd		*-1.30*	
Co		*2.35*	
Cr		*0.139*	
Cu		*2.36*	
K		*32.5*	
Mg	*500000*	*526814*	*105*
Mo		*-1.44*	
Na		*-702*	
Ni		*-0.432*	
Pb		*1.13*	
Sb		*-2.94*	
Se		*-3.67*	
Sn		*-6.48*	
Ti		*-5.32*	
Tl		*-2.47*	
V		*4.02*	
Zn		*-2.94*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Lab Sample ID: ICSAB 460-15138/44 Instrument ID: ICP2

Lab File ID: 14929V1 ICS Source: ME_T2_ICAB_00004

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Fe	**200000**	**197481**	**99**
Mn	**100**	**96.8**	**97**
Ag	*100*	*103*	*103*
Al	*500000*	*480576*	*96*
As	*100*	*100*	*100*
B	*100*	*98.9*	*99*
Ba	*100*	*107*	*107*
Be	*100*	*96.6*	*97*
Ca	*500000*	*457657*	*92*
Cd	*100*	*97.5*	*97*
Co	*100*	*98.8*	*99*
Cr	*100*	*97.9*	*98*
Cu	*100*	*105*	*105*
K	*10000*	*11182*	*112*
Mg	*500000*	*515497*	*103*
Mo	*100*	*101*	*101*
Na	*10000*	*10708*	*107*
Ni	*100*	*97.1*	*97*
Pb	*100*	*99.6*	*100*
Sb	*100*	*103*	*103*
Se	*100*	*96.6*	*97*
Sn	*100*	*95.4*	*95*
Ti	*100*	*96.6*	*97*
Tl	*100*	*93.6*	*94*
V	*100*	*100*	*100*
Zn	*100*	*96.3*	*96*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-017338-081909-ACH-12 MS Lab ID: 460-4869-4 MS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	16170		11200		2000	249	75-125	4	6010B
Antimony	425		10.0	U	500	85	75-125		6010B
Arsenic	1750		30.9		2000	86	75-125		6010B
Barium	1980		187	J	2000	90	75-125		6010B
Beryllium	44.6		2.0	U	50.0	89	75-125		6010B
Cadmium	43.4		5.0	U	50.0	87	75-125		6010B
Calcium	45150		27300		20000	89	75-125		6010B
Chromium	196		16.5		200	90	75-125		6010B
Cobalt	450		8.1	J	500	88	75-125		6010B
Copper	250		29.6		250	88	75-125		6010B
Iron	68760		69300		1000	-52	75-125	4	6010B
Lead	443		5.0	U	500	89	75-125		6010B
Magnesium	35890		18400		20000	87	75-125		6010B
Manganese	1240		800		500	88	75-125		6010B
Nickel	454		9.6	J	500	89	75-125		6010B
Potassium	20650		3920	J	20000	84	75-125		6010B
Selenium	1700		10.0	U	2000	85	75-125		6010B
Silver	44.4		2.0	J	50.0	85	75-125		6010B
Sodium	94230		76700		20000	87	75-125		6010B
Thallium	1750		10.0	U	2000	87	75-125		6010B
Vanadium	467		24.1	J	500	89	75-125		6010B
Zinc	479		25.6	J	500	91	75-125		6010B
Mercury	1.22		0.24		1.00	98	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-017338-081909-ACH-15 MS Lab ID: 460-4869-7 MS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR C		Sample Result (SR) C		Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	1.62		0.40		1.00	122	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

6-IN
DUPLICATES
METALS

Client ID: GW-017338-081909-ACH-12 DU Lab ID: 460-4869-4 DU

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	200	11200		9610		15		6010B
Antimony	10.0	10.0	U	10.0	U	NC		6010B
Arsenic	5.0	30.9		30.8		0		6010B
Barium	200	187	J	174	J	7		6010B
Beryllium	2.0	2.0	U	2.0	U	NC		6010B
Cadmium	5.0	5.0	U	5.0	U	NC		6010B
Calcium	5000	27300		25440		7		6010B
Chromium	10.0	16.5		15.1		9		6010B
Cobalt	50.0	8.1	J	7.81	J	3		6010B
Copper	25.0	29.6		28.2		5		6010B
Iron	150	69300		64010		8		6010B
Lead	5.0	5.0	U	5.0	U	NC		6010B
Magnesium	5000	18400		17070		8		6010B
Manganese	15.0	800		740		8		6010B
Nickel	40.0	9.6	J	9.18	J	4		6010B
Potassium	5000	3920	J	3630	J	8		6010B
Selenium	10.0	10.0	U	10.0	U	NC		6010B
Silver	10.0	2.0	J	1.56	J	23		6010B
Sodium	5000	76700		71470		7		6010B
Thallium	10.0	10.0	U	10.0	U	NC		6010B
Vanadium	50.0	24.1	J	21.7	J	10		6010B
Zinc	30.0	25.6	J	22.2	J	14		6010B
Mercury	0.20	0.24		0.305		23		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: GW-017338-081909-ACH-15 DU Lab ID: 460-4869-7 DU

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.20	0.40		0.494		21		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-14861/2-A

Lab Name: TestAmerica Edison Job No.: 460-4835-1

Sample Matrix: Water LCS Source: ME_LCS-int_00014

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	1800		90	80	120		6010B
Antimony	500	449		90	80	120		6010B
Arsenic	2000	1780		89	80	120		6010B
Barium	2000	1840		92	80	120		6010B
Beryllium	50.0	45.7		91	80	120		6010B
Cadmium	50.0	46.4		93	80	120		6010B
Calcium	20000	18700		93	80	120		6010B
Chromium	200	186		93	80	120		6010B
Cobalt	500	455		91	80	120		6010B
Copper	250	225		90	80	120		6010B
Iron	1000	953		95	80	120		6010B
Lead	500	458		92	80	120		6010B
Magnesium	20000	17740		89	80	120		6010B
Manganese	500	465		93	80	120		6010B
Nickel	500	460		92	80	120		6010B
Potassium	20000	17020		85	80	120		6010B
Selenium	2000	1770		89	80	120		6010B
Silver	50.0	44.1		88	80	120		6010B
Sodium	20000	18240		91	80	120		6010B
Thallium	2000	1810		91	80	120		6010B
Vanadium	500	462		92	80	120		6010B
Zinc	500	482		96	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-14991/2-A

Lab Name: TestAmerica Edison Job No.: 460-4835-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_00100

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	1.10		110	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-15017/11-A

Lab Name: TestAmerica Edison Job No.: 460-4835-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_00100

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	0.937		94	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-4869-4

SDG No:

Lab Name: TestAmerica Edison Job No: 460-4835-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	11200		11190		0.02		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	30.9		26.1		NC		6010B
Barium	187	J	188	J	0.30		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	27300		27310		0.06		6010B
Chromium	16.5		16.4	J	NC		6010B
Cobalt	8.1	J	250	U	NC		6010B
Copper	29.6		32.0	J	NC		6010B
Iron	69300		69370		0.13		6010B
Lead	5.0	U	25.0	U	NC		6010B
Magnesium	18400		18330	J	0.60		6010B
Manganese	800		791		1.1		6010B
Nickel	9.6	J	200	U	NC		6010B
Potassium	3920	J	3780	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	2.0	J	50.0	U	NC		6010B
Sodium	76700		79930		4.2		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	24.1	J	23.3	J	NC		6010B
Zinc	25.6	J	150	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-4835-1

SDG Number:

Matrix: Water Instrument ID: ICP2

Analysis Method: 6010B MDL Date: 12/30/2008 09:37

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-4835-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN5

Analysis Method: 7470A MDL Date: 12/30/2008 14:28

Prep Method: 7470A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.185

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-4835-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	Al	B	Ba	Ca	Co	Cr	Fe	K	Mg	Mn	Mo	Ni	Ti	Tl
Aluminum	308.22														
Antimony	206.84														
Arsenic	189.04		0.0001740				0.0001040					0.0004160		0.0001080	0.0001080
Barium	493.40														
Beryllium	313.04													-0.0000510	-0.0000510
Bismuth															
Boron															
Cadmium	226.50							0.0000690							
Calcium	317.93														
Chromium	267.72	0.000020													
Cobalt	228.62											-0.001360		0.0020970	0.0020970
Copper	324.75							0.000005							
Gold			0.0001740				0.0001040					0.0004160		0.0001080	0.0001080
Iron	271.44	0.0000450				0.0871100	0.0022660					0.017630		0.011300	0.011300
Lanthanum															
Lead	220.35	0.0000063			-0.0000043	0.0001306		0.0000635		0.0000083	0.0001164	-0.0007679	0.0002070	-0.0003367	-0.0003367
Lithium															
Lutetium															
Magnesium	383.20														
Manganese	257.61									0.000026					
Molybdenum															
Nickel	231.60					-0.000690									
Palladium															
Phosphorus															
Potassium	766.49														
Selenium	196.03			-0.0000499	0.0000029	-0.0001052		-0.0001964	-0.0000132		0.0004928	0.0000802			
Silicon															
Silver	328.07	0	0	0	0			0.000005			0.0002370				
Sodium	330.22	0.0003150			0.0002630			0.0005540		0.000294				-0.0612380	-0.0612380
Strontium															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-4835-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	Al	B	Ba	Ca	Co	Cr	Fe	K	Mg	Mn	Mo	Ni	Ti	Tl
Sulfur															
Thallium	190.86	-0.0000100			-0.000040	0.0048490	0.0004180	-0.000058			0.0011140	-0.0037500		0.0008000	
Thorium															
Tin															
Titanium															
Tungsten															
Uranium															
Vanadium	292.40						-0.002000							0.0009000	
Yttrium															
Zinc	206.20						-0.0269000								
Zirconium															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-4835-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	V	Zn												
Aluminum	308.22	0.0264690													
Antimony	206.84														
Arsenic	189.04														
Barium	493.40														
Beryllium	313.04	-0.0003240													
Bismuth															
Boron															
Cadmium	226.50														
Calcium	317.93														
Chromium	267.72	-0.0001650													
Cobalt	228.62														
Copper	324.75														
Gold															
Iron	271.44	0.0090183													
Lanthanum															
Lead	220.35	-0.0001350													
Lithium															
Lutetium															
Magnesium	383.20														
Manganese	257.61														
Molybdenum															
Nickel	231.60														
Palladium															
Phosphorus															
Potassium	766.49														
Selenium	196.03	0.0006768													
Silicon															
Silver	328.07														
Sodium	330.22		0.057494												
Strontium															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-4835-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	V	Zn												
Sulfur															
Thallium	190.86	0.0021770													
Thorium															
Tin															
Titanium															
Tungsten															
Uranium															
Vanadium	292.40														
Yttrium															
Zinc	206.20														
Zirconium															

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-4835-1

SDG No.:

Instrument ID: ICP2 Date: 01/06/2009 11:12

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		500000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		500000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		500000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-14861/1-A	08/21/2009 08:00	14861		100	100
LCS 460-14861/2-A	08/21/2009 08:00	14861		100	100
460-4869-4	08/21/2009 08:00	14861		100	100
460-4869-4 DU	08/21/2009 08:00	14861		100	100
460-4869-4 MS	08/21/2009 08:00	14861		100	100
460-4835-1	08/21/2009 08:00	14861		100	100
460-4835-2	08/21/2009 08:00	14861		100	100
460-4835-3	08/21/2009 08:00	14861		100	100
460-4835-4	08/21/2009 08:00	14861		100	100
460-4835-5	08/21/2009 08:00	14861		100	100
460-4835-6	08/21/2009 08:00	14861		100	100
460-4835-7	08/21/2009 08:00	14861		100	100
460-4835-8	08/21/2009 08:00	14861		100	100
460-4869-1	08/21/2009 08:00	14861		100	100
460-4869-2	08/21/2009 08:00	14861		100	100
460-4869-3	08/21/2009 08:00	14861		100	100
460-4869-5	08/21/2009 08:00	14861		100	100
460-4869-6	08/21/2009 08:00	14861		100	100
460-4869-7	08/21/2009 08:00	14861		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-14991/1-A	08/23/2009 13:19	14991		100	100
LCS 460-14991/2-A	08/23/2009 13:19	14991		100	100
460-4869-4	08/23/2009 13:19	14991		100	100
460-4869-4 DU	08/23/2009 13:19	14991		100	100
460-4869-4 MS	08/23/2009 13:19	14991		100	100
460-4835-1	08/23/2009 13:19	14991		100	100
460-4835-2	08/23/2009 13:19	14991		100	100
460-4835-3	08/23/2009 13:19	14991		100	100
460-4835-4	08/23/2009 13:19	14991		100	100
460-4835-5	08/23/2009 13:19	14991		100	100
460-4835-6	08/23/2009 13:19	14991		100	100
460-4835-7	08/23/2009 13:19	14991		100	100
460-4835-8	08/23/2009 13:19	14991		100	100
460-4869-1	08/23/2009 13:19	14991		100	100
460-4869-2	08/23/2009 13:19	14991		100	100
460-4869-3	08/23/2009 13:19	14991		100	100
460-4869-5	08/23/2009 13:19	14991		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-15017/10-A	08/24/2009 08:00	15017		100	100
LCS 460-15017/11-A	08/24/2009 08:00	15017		100	100
460-4869-7	08/24/2009 08:00	15017		100	100
460-4869-7 DU	08/24/2009 08:00	15017		100	100
460-4869-7 MS	08/24/2009 08:00	15017		100	100
460-4869-6	08/24/2009 08:00	15017		100	100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 08/21/2009 16:34 End Date: 08/21/2009 20:44

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			16:34																				
ZZZZZZ			16:40																				
ZZZZZZ			16:47																				
ZZZZZZ			16:53																				
ICV 460-15014/5	1		16:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-15014/6	1		17:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-15014/7	1		17:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-15014/8	1		17:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:24																				
ZZZZZZ			17:31																				
MB 460-14861/1-A	1	T	17:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-14861/2-A	1	T	17:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-4 DU	1	T	17:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-4	1	T	17:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-4 SD	5	T	18:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-4 MS	1	T	18:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-15014/17	1		18:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-15014/18	1		18:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:27																				
ZZZZZZ			18:33																				
460-4835-1	1	T	18:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4835-2	1	T	18:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4835-3	1	T	18:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4835-4	1	T	18:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4835-5	1	T	19:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4835-6	1	T	19:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4835-7	1	T	19:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4835-8	1	T	19:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-15014/29	1		19:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-15014/30	1		19:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-1	1	T	19:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-2	1	T	19:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-3	1	T	19:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-5	1	T	20:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-6	1	T	20:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-4869-7	1	T	20:13	X	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X	X	X
ZZZZZZ			20:19																				
ICSA 460-15014/38	1		20:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-15014/39	1		20:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-15014/40	1		20:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-15014/41	1		20:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 08/21/2009 16:34 End Date: 08/21/2009 20:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			16:34																				
ZZZZZZ			16:40																				
ZZZZZZ			16:47																				
ZZZZZZ			16:53																				
ICV 460-15014/5	1		16:59	X	X																		
ICB 460-15014/6	1		17:05	X	X																		
ICSA 460-15014/7	1		17:12	X	X																		
ICSAB 460-15014/8	1		17:18	X	X																		
ZZZZZZ			17:24																				
ZZZZZZ			17:31																				
MB 460-14861/1-A	1	T	17:37	X	X																		
LCS 460-14861/2-A	1	T	17:43	X	X																		
460-4869-4 DU	1	T	17:49	X	X																		
460-4869-4	1	T	17:56	X	X																		
460-4869-4 SD	5	T	18:02	X	X																		
460-4869-4 MS	1	T	18:08	X	X																		
CCV 460-15014/17	1		18:14	X	X																		
CCB 460-15014/18	1		18:21	X	X																		
ZZZZZZ			18:27																				
ZZZZZZ			18:33																				
460-4835-1	1	T	18:39	X	X																		
460-4835-2	1	T	18:45	X	X																		
460-4835-3	1	T	18:52	X	X																		
460-4835-4	1	T	18:58	X	X																		
460-4835-5	1	T	19:04	X	X																		
460-4835-6	1	T	19:10	X	X																		
460-4835-7	1	T	19:17	X	X																		
460-4835-8	1	T	19:23	X	X																		
CCV 460-15014/29	1		19:29	X	X																		
CCB 460-15014/30	1		19:35	X	X																		
460-4869-1	1	T	19:42	X	X																		
460-4869-2	1	T	19:48	X	X																		
460-4869-3	1	T	19:54	X	X																		
460-4869-5	1	T	20:00	X	X																		
460-4869-6	1	T	20:07	X	X																		
460-4869-7	1	T	20:13	X	X																		
ZZZZZZ			20:19																				
ICSA 460-15014/38	1		20:25	X	X																		
ICSAB 460-15014/39	1		20:31	X	X																		
CCV 460-15014/40	1		20:38	X	X																		
CCB 460-15014/41	1		20:44	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 08/21/2009 16:34 End Date: 08/21/2009 20:44

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 08/24/2009 16:46 End Date: 08/24/2009 21:27

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe	Mn																			
ZZZZZZ			16:46																					
ZZZZZZ			16:53																					
ZZZZZZ			16:59																					
ZZZZZZ			17:05																					
ICV 460-15138/5	1		17:11	X	X																			
ICB 460-15138/6	1		17:18	X	X																			
ICSA 460-15138/7	1		17:24	X	X																			
ICSAB 460-15138/8	1		17:30	X	X																			
ZZZZZZ			17:36																					
ZZZZZZ			17:43																					
ZZZZZZ			17:49																					
ZZZZZZ			17:55																					
ZZZZZZ			18:01																					
ZZZZZZ			18:07																					
ZZZZZZ			18:14																					
ZZZZZZ			18:20																					
CCV 460-15138/17			18:26																					
CCB 460-15138/18			18:32																					
ZZZZZZ			18:39																					
ZZZZZZ			18:45																					
ZZZZZZ			18:51																					
ZZZZZZ			18:57																					
ZZZZZZ			19:04																					
ZZZZZZ			19:10																					
ZZZZZZ			19:16																					
ZZZZZZ			19:22																					
ZZZZZZ			19:29																					
ZZZZZZ			19:35																					
CCV 460-15138/29	1		19:41	X	X																			
CCB 460-15138/30	1		19:47	X	X																			
ZZZZZZ			19:54																					
ZZZZZZ			20:00																					
ZZZZZZ			20:06																					
ZZZZZZ			20:12																					
ZZZZZZ			20:18																					
ZZZZZZ			20:25																					
ZZZZZZ			20:31																					
ZZZZZZ			20:37																					
ZZZZZZ			20:43																					
460-4869-7	3	T	20:50	X	X																			
CCV 460-15138/41	1		20:56	X	X																			
CCB 460-15138/42	1		21:02	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 08/24/2009 16:46 End Date: 08/24/2009 21:27

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
ICSA 460-15138/43	1		21:08	X	X																		
ICSAB 460-15138/44	1		21:15	X	X																		
CCV 460-15138/45			21:21																				
CCB 460-15138/46			21:27																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 08/24/2009 07:43 End Date: 08/24/2009 10:03

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			07:43																					
IC 460-14989/23-A			07:54	X																				
IC 460-14989/24-A			07:56	X																				
IC 460-14989/25-A			07:59	X																				
IC 460-14989/26-A			08:01	X																				
IC 460-14989/27-A			08:03	X																				
IC 460-14989/28-A			08:06	X																				
CCV 460-14989/29-A			08:08																					
ICB 460-15032/9	1		08:11	X																				
ICV 460-14989/30-A	1		08:13	X																				
ZZZZZZ			08:15																					
ZZZZZZ			08:17																					
ZZZZZZ			08:19																					
ZZZZZZ			08:21																					
ZZZZZZ			08:23																					
ZZZZZZ			08:25																					
ZZZZZZ			08:27																					
ZZZZZZ			08:29																					
ZZZZZZ			08:32																					
ZZZZZZ			08:33																					
CCV 460-14989/29-A			08:35																					
CCB 460-15032/22			08:37																					
ZZZZZZ			08:40																					
ZZZZZZ			08:42																					
ZZZZZZ			08:44																					
ZZZZZZ			08:47																					
ZZZZZZ			08:50																					
ZZZZZZ			08:52																					
ZZZZZZ			08:55																					
ZZZZZZ			08:56																					
ZZZZZZ			08:58																					
ZZZZZZ			09:00																					
CCV 460-14989/29-A			09:03																					
CCB 460-15032/34			09:05																					
ZZZZZZ			09:07																					
ZZZZZZ			09:09																					
CCV 460-14989/29-A	1		09:11	X																				
CCB 460-15032/38	1		09:13	X																				
MB 460-14991/1-A	1	T	09:16	X																				
LCS 460-14991/2-A	1	T	09:18	X																				
460-4869-4	1	T	09:20	X																				
460-4869-4 DU	1	T	09:22	X																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 08/24/2009 07:43 End Date: 08/24/2009 10:03

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
460-4869-4 MS	1	T	09:24	X																				
ZZZZZZ			09:26																					
ZZZZZZ			09:28																					
460-4835-1	1	T	09:30	X																				
460-4835-2	1	T	09:33	X																				
460-4835-3	1	T	09:35	X																				
CCV 460-14989/29-A	1		09:37	X																				
CCB 460-15032/50	1		09:39	X																				
460-4835-4	1	T	09:42	X																				
460-4835-5	1	T	09:44	X																				
460-4835-6	1	T	09:46	X																				
460-4835-7	1	T	09:48	X																				
460-4835-8	1	T	09:51	X																				
460-4869-1	1	T	09:53	X																				
460-4869-2	1	T	09:55	X																				
460-4869-3	1	T	09:57	X																				
460-4869-5	1	T	09:59	X																				
CCV 460-14989/29-A	1		10:01	X																				
CCB 460-15032/61	1		10:03	X																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 08/24/2009 11:53 End Date: 08/24/2009 14:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 460-15017/1-A			11:53	X																			
IC 460-15017/2-A			11:55	X																			
IC 460-15017/3-A			11:57	X																			
IC 460-15017/4-A			11:59	X																			
IC 460-15017/5-A			12:01	X																			
IC 460-15017/6-A			12:03	X																			
CCV 460-15017/7-A	1		12:06	X																			
ICB 460-15074/8	1		12:08	X																			
ICV 460-15017/9-A	1		12:09	X																			
MB 460-15017/10-A	1	T	12:11	X																			
LCS 460-15017/11-A	1	T	12:14	X																			
460-4869-7	1	T	12:15	X																			
460-4869-7 DU	1	T	12:17	X																			
460-4869-7 MS	1	T	12:19	X																			
ZZZZZZ			12:21																				
ZZZZZZ			12:23																				
ZZZZZZ			12:24																				
CCV 460-15017/7-A	1		12:26	X																			
CCB 460-15017/8-A	1		12:28	X																			
ZZZZZZ			12:31																				
ZZZZZZ			12:33																				
460-4869-6	1	T	12:34	X																			
ZZZZZZ			12:37																				
ZZZZZZ			12:39																				
ZZZZZZ			12:41																				
ZZZZZZ			12:43																				
ZZZZZZ			12:45																				
CCV 460-15017/7-A	1		12:47	X																			
CCB 460-15017/8-A	1		12:49	X																			
ZZZZZZ			12:52																				
ZZZZZZ			12:55																				
ZZZZZZ			12:58																				
ZZZZZZ			13:00																				
ZZZZZZ			13:02																				
ZZZZZZ			13:04																				
ZZZZZZ			13:06																				
ZZZZZZ			13:08																				
CCV 460-15017/7-A			13:10																				
CCB 460-15017/8-A			13:12																				
ZZZZZZ			13:14																				
ZZZZZZ			13:16																				
ZZZZZZ			13:19																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-4835-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 08/24/2009 11:53 End Date: 08/24/2009 14:16

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			13:21																				
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
ZZZZZZ			13:27																				
ZZZZZZ			13:29																				
CCV 460-15017/7-A			13:31																				
CCB 460-15017/8-A			13:33																				
ZZZZZZ			13:35																				
ZZZZZZ			13:37																				
ZZZZZZ			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:43																				
ZZZZZZ			13:46																				
ZZZZZZ			13:47																				
ZZZZZZ			13:50																				
CCV 460-15017/7-A			13:52																				
CCB 460-15017/8-A			13:55																				
ZZZZZZ			13:56																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:03																				
ZZZZZZ			14:06																				
ZZZZZZ			14:08																				
ZZZZZZ			14:10																				
ZZZZZZ			14:12																				
CCV 460-15017/7-A			14:15																				
CCB 460-15017/8-A			14:16																				

Prep Types

T = Total/NA

BATCH#:14861V1: METHOD:6010B

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV 150234	14861V1	SW846	08/21/09	16:59		S	CONC
2	ICB	14861V1	SW846	08/21/09	17:05		S	CONC
3	ICSA 150206	14861V1	SW846	08/21/09	17:12		S	CONC
4	ICSAB 150230	14861V1	SW846	08/21/09	17:18		S	CONC
5	INT-20	14861V1	SW846	08/21/09	17:24		S	CONC
6	REPLIM	14861V1	SW846	08/21/09	17:31		S	CONC
7	MB 460-14861/1-A	14861V1	SW846	08/21/09	17:37		S	CONC
8	LCS 460-14861/2-A	14861V1	SW846	08/21/09	17:43		S	CONC
9	460-4869-A-4-C DU	14861V1	SW846	08/21/09	17:49		S	CONC
10	460-4869-C-4-A	14861V1	SW846	08/21/09	17:56		S	CONC
11	SD 460-4869-C-4-A@5	14861V1	SW846	08/21/09	18:02		S	CONC
12	460-4869-C-4-B MS	14861V1	SW846	08/21/09	18:08		S	CONC
13	CCV 150234	14861V1	SW846	08/21/09	18:14		S	CONC
14	CCB	14861V1	SW846	08/21/09	18:21		S	CONC
15	460-4820-C-3-A	14861V1	SW846	08/21/09	18:27		S	CONC
16	460-4825-G-6-A	14861V1	SW846	08/21/09	18:33		S	CONC
17	460-4835-F-1-A	14861V1	SW846	08/21/09	18:39		S	CONC
18	460-4835-F-2-A	14861V1	SW846	08/21/09	18:45		S	CONC
19	460-4835-F-3-A	14861V1	SW846	08/21/09	18:52		S	CONC
20	460-4835-F-4-A	14861V1	SW846	08/21/09	18:58		S	CONC
21	460-4835-F-5-A	14861V1	SW846	08/21/09	19:04		S	CONC
22	460-4835-F-6-A	14861V1	SW846	08/21/09	19:10		S	CONC
23	460-4835-F-7-A	14861V1	SW846	08/21/09	19:17		S	CONC
24	460-4835-F-8-A	14861V1	SW846	08/21/09	19:23		S	CONC
25	CCV 150234	14861V1	SW846	08/21/09	19:29		S	CONC
26	CCB	14861V1	SW846	08/21/09	19:35		S	CONC
27	460-4869-C-1-A	14861V1	SW846	08/21/09	19:42		S	CONC
28	460-4869-C-2-A	14861V1	SW846	08/21/09	19:48		S	CONC
29	460-4869-C-3-A	14861V1	SW846	08/21/09	19:54		S	CONC
30	460-4869-C-5-A	14861V1	SW846	08/21/09	20:00		S	CONC
31	460-4869-C-6-A	14861V1	SW846	08/21/09	20:07		S	CONC
32	460-4869-C-7-A	14861V1	SW846	08/21/09	20:13		S	CONC
33	460-4880-I-2-A	14861V1	SW846	08/21/09	20:19		S	CONC
34	ICSA 150206	14861V1	SW846	08/21/09	20:25		S	CONC
35	ICSAB 150230	14861V1	SW846	08/21/09	20:31		S	CONC
36	CCV 150234	14861V1	SW846	08/21/09	20:38		S	CONC
37	CCB	14861V1	SW846	08/21/09	20:44		S	CONC

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 150234	125500.	1007.	5028.	10090.	1003.	2511.
2	ICB	17.38	-.3432	2.252	1.432	.0902	.1796
3	ICSA 150206	500900.	-3.059	.0842	1.083	-.0904	.3743
4	ICSAB 150230	482100.	97.01	99.90	106.2	96.60	98.02
5	INT-20	33.16	-.9081	-1.317	19670.	1.051	-.2559
6	REPLIM	200.5	8.955	4.465	210.1	1.953	4.162
7	MB 460-14861/1-A	6.323	-1.909	.6929	1.000	-.0262	-.0382
8	LCS 460-14861/2-A	1800.	448.7	1784.	1843.	45.67	46.40
9	460-4869-A-4-C DU	9607.	-2.929	30.82	173.7	.6650	-.6664
10	460-4869-C-4-A	11190.	-2.658	30.95	187.2	.6450	-.6891
11	SD 460-4869-C-4-A@5	2238.	-2.219	5.215	37.55	.1526	-.2023
12	460-4869-C-4-B MS	16170.	425.2	1751.	1981.	44.58	43.43
13	CCV 150234	125600.	1004.	5023.	10060.	1001.	2505.
14	CCB	-4.759	-1.158	.2090	.1177	.0536	-.1593
15	460-4820-C-3-A	-8.350	-3.729	.2609	-.4925	-.0544	-.0277
16	460-4825-G-6-A	14.60	-3.038	-1.036	-.4925	-.0512	-.0395
17	460-4835-F-1-A	1393.	-2.367	1.490	219.7	.1117	-.2047
18	460-4835-F-2-A	12540.	-2.885	2.770	176.2	.2198	-.2600
19	460-4835-F-3-A	2708.	-1.253	.3827	207.0	.2100	-.3969
20	460-4835-F-4-A	3710.	-2.573	.5494	363.4	.1057	-.3188
21	460-4835-F-5-A	6534.	-4.229	3.389	613.5	.1198	-.5072
22	460-4835-F-6-A	5915.	-2.942	1.738	430.5	.0992	-.5077
23	460-4835-F-7-A	9250.	-2.932	21.52	643.9	.1372	-.3160
24	460-4835-F-8-A	14470.	3.611	10.25	196.8	.4254	-.4412
25	CCV 150234	122400.	959.3	4824.	9685.	966.5	2418.
26	CCB	-39.14	-3.561	-1.152	-.4925	-.0066	-.0142
27	460-4869-C-1-A	7297.	-2.524	16.18	423.6	.1253	-.3313

28	460-4869-C-2-A	2377.	-2.766	13.96	348.1	.0502	-.4726
29	460-4869-C-3-A	53.14	-.6358	13.28	525.8	-.0072	-.4368
30	460-4869-C-5-A	5515.	-2.816	46.54	385.3	.2674	-.6094
31	460-4869-C-6-A	-5.039	-2.349	-1.540	2.356	.0004	-.2431
32	460-4869-C-7-A	192.9	-1.338	.2092	705.2	.0731	-.6572
33	460-4880-I-2-A	16.21	-3.348	.5173	-.4925	.0288	-.1186
34	ICSA 150206	502300.	-.7872	.4591	.4730	-.0877	.8133
35	ICSAB 150230	492000.	98.56	100.7	105.8	96.70	99.10
36	CCV 150234	124500.	981.7	4917.	9891.	981.9	2456.
37	CCB	20.58	-1.773	-.4763	-.4925	.0221	-.1231

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 150234	126200.	5027.	2510.	12530.	100800.	125700.
2	ICB	5.655	.0787	.2361	1.811	9.787	26.25
3	ICSA 150206	474500.	.2923	2.920	3.806	204400.	536800.
4	ICSAB 150230	458100.	98.74	100.0	103.3	197400.	515300.
5	INT-20	45.04	20370.	20000.	1.149	-98.09	29.52
6	REPLIM	5212.	13.27	54.76	26.47	165.4	4906.
7	MB 460-14861/1-A	10.35	.6946	1.117	1.224	9.569	16.49
8	LCS 460-14861/2-A	18700.	186.2	454.7	225.4	952.6	17740.
9	460-4869-A-4-C DU	25440.	15.09	7.815	28.18	64010.	17070.
10	460-4869-C-4-A	27290.	16.52	8.090	29.63	69280.	18450.
11	SD 460-4869-C-4-A@5	5461.	3.280	1.347	6.390	13870.	3667.
12	460-4869-C-4-B MS	45150.	196.0	449.7	250.2	68760.	35890.

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
13	CCV 150234	125900.	5042.	2514.	12560.	100500.	125700.
14	CCB	-2.433	-.0494	.5769	1.225	4.293	19.71
15	460-4820-C-3-A	41.59	-.0984	-.1704	1.629	-1.546	13.24
16	460-4825-G-6-A	189.8	.0551	.6153	7.665	5.941	12.79
17	460-4835-F-1-A	55120.	2.620	1.516	1.780	4216.	27450.
18	460-4835-F-2-A	32120.	14.53	3.054	31.19	8456.	8880.
19	460-4835-F-3-A	14640.	3.575	8.566	2.667	9214.	10640.
20	460-4835-F-4-A	44140.	4.714	2.482	35.46	30300.	27370.
21	460-4835-F-5-A	61340.	5.810	21.52	31.25	87540.	42030.
22	460-4835-F-6-A	35420.	8.443	9.170	32.66	26480.	28380.
23	460-4835-F-7-A	62710.	8.972	6.436	25.69	31410.	23240.
24	460-4835-F-8-A	32170.	27.11	4.102	48.09	60010.	37240.
25	CCV 150234	121800.	4909.	2456.	12260.	96940.	122200.
26	CCB	-.5384	-.2736	.3359	2.332	-.5071	15.15
27	460-4869-C-1-A	38550.	8.963	16.95	34.06	86160.	30650.
28	460-4869-C-2-A	32700.	2.742	13.49	25.76	72450.	26330.
29	460-4869-C-3-A	46390.	-.4334	4.221	8.129	61840.	41370.
30	460-4869-C-5-A	78390.	7.112	137.4	31.75	106600.	61740.
31	460-4869-C-6-A	311.9	-.2183	.6174	1.745	24.62	157.9
32	460-4869-C-7-A	92550.	.5705	.4980	6.594	H248800.	98620.
33	460-4880-I-2-A	110.6	-.2871	.2466	2.896	12.31	22.93
34	ICSA 150206	472900.	-.0909	3.049	-.4535	203300.	537600.
35	ICSAB 150230	459600.	100.1	102.7	109.9	197700.	524300.
36	CCV 150234	123700.	4966.	2488.	12460.	98680.	124200.
37	CCB	5.059	-.0160	.2857	.9639	10.21	16.95

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	ICV 150234	5024.	2517.	48470.	1256.	10010.	4986.
2	ICB	.1034	.2185	85.02	.1749	1.116	1.489
3	ICSA 150206	-1.653	-.8438	52.37	-.4646	1.422	-4.566
4	ICSAB 150230	97.34	96.74	11160.	103.1	100.2	99.57
5	INT-20	19300.	4.042	82.88	-2.037	-2.780	-2.850
6	REPLIM	17.91	40.87	4751.	9.864	5.455	5.822
7	MB 460-14861/1-A	.3729	-.0508	31.77	.3413	-1.221	1.326
8	LCS 460-14861/2-A	465.4	460.5	17020.	44.08	457.8	1771.
9	460-4869-A-4-C DU	739.9	9.182	3629.	1.562	1.444	2.551
10	460-4869-C-4-A	800.2	9.556	3916.	1.971	2.388	2.808
11	SD 460-4869-C-4-A@5	158.2	2.819	755.9	.5986	-.0128	.2303
12	460-4869-C-4-B MS	1239.	454.0	20650.	44.36	443.4	1696.
13	CCV 150234	5042.	2510.	48700.	1254.	10010.	4982.
14	CCB	-.3258	-.2805	34.38	.0058	-.7388	2.875
15	460-4820-C-3-A	-.4180	.5124	-1.767	.0642	-.9247	2.374

16	460-4825-G-6-A	-.3234	-.2126	2.771	.4553	.0658	.1577
17	460-4835-F-1-A	535.5	2.833	8400.	-.1481	.4675	-.0745
18	460-4835-F-2-A	263.5	7.769	4830.	1.129	7.663	2.330
19	460-4835-F-3-A	166.7	3.551	2453.	1.524	.2762	1.211
20	460-4835-F-4-A	422.7	6.355	5643.	7.740	2.342	.4806
21	460-4835-F-5-A	2069.	5.452	3758.	.4097	-1.148	2.726
22	460-4835-F-6-A	1319.	6.504	4301.	.8306	2.394	3.280
23	460-4835-F-7-A	757.7	6.862	14840.	1.530	2.537	-1.101
24	460-4835-F-8-A	389.7	16.75	3045.	1.520	51.43	3.795
25	CCV 150234	4934.	2421.	46950.	1218.	9707.	4825.

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
26	CCB	-.2838	-.2919	-65.31	-.0616	.6113	.6901
27	460-4869-C-1-A	2192.	8.675	4163.	8.639	-.1984	4.212
28	460-4869-C-2-A	1896.	3.369	3365.	1.120	-1.209	3.483
29	460-4869-C-3-A	948.0	1.535	4613.	.4339	-1.780	1.465
30	460-4869-C-5-A	930.5	8.773	4272.	.4931	-.2133	1.806
31	460-4869-C-6-A	-.2357	-.4317	49.68	-.3804	.3799	.8804
32	460-4869-C-7-A	H20970.	2.730	4584.	.3926	L-8.184	4.536
33	460-4880-I-2-A	.4152	.1116	-13.04	.5302	-.0550	.2537
34	ICSA 150206	-1.976	-.0536	19.94	-.6820	-.4253	-4.477
35	ICSAB 150230	99.82	96.00	11200.	104.2	98.54	95.78
36	CCV 150234	4991.	2460.	47960.	1237.	9841.	4902.
37	CCB	-.2328	.1370	-37.79	.1132	.2896	1.510

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 150234	123000.	5023.	2506.	2507.	1003.	2507.
2	ICB	-543.3	3.993	-.0406	-.4933	2.166	2.315
3	ICSA 150206	-737.0	.8984	2.660	.4285	2.298	-1.160
4	ICSAB 150230	10780.	102.3	101.0	97.01	99.04	99.41
5	INT-20	-628.3	.6068	19850.	5042.	9437.	9750.
6	REPLIM	5181.	11.06	54.40	34.43	59.19	24.33
7	MB 460-14861/1-A	-544.7	-1.484	.6456	.0287	5.002	2.097
8	LCS 460-14861/2-A	18240.	1811.	461.7	482.0	441.9	461.4
9	460-4869-A-4-C DU	71470.	3.251	21.70	22.18	688.5	.0417
10	460-4869-C-4-A	76730.	1.686	24.05	25.59	736.0	.9423
11	SD 460-4869-C-4-A@5	15990.	2.063	4.656	5.028	147.5	.7655
12	460-4869-C-4-B MS	94230.	1746.	467.2	478.6	1168.	436.8
13	CCV 150234	123000.	5016.	2524.	2505.	999.7	2506.
14	CCB	-507.7	4.101	-.3628	-.5565	3.047	1.625
15	460-4820-C-3-A	-403.6	2.165	-.0252	1.217	3.877	1.608
16	460-4825-G-6-A	68.22	1.215	-.2668	1.213	2.151	.7472
17	460-4835-F-1-A	145100.	1.289	1.849	8.027	49.31	.6324
18	460-4835-F-2-A	66630.	.1207	26.52	30.35	51.75	.8758
19	460-4835-F-3-A	62280.	.5653	4.360	9.684	153.8	.4658
20	460-4835-F-4-A	81370.	1.244	6.832	26.03	41.80	1.181
21	460-4835-F-5-A	101300.	-2.219	8.493	8.892	246.0	.6261
22	460-4835-F-6-A	70830.	-.2175	11.82	19.72	36.12	.7560
23	460-4835-F-7-A	179800.	.1363	12.21	21.14	40.85	1.177
24	460-4835-F-8-A	36230.	-1.883	38.60	94.48	122.1	5.100
25	CCV 150234	119400.	4872.	2476.	2432.	965.1	2431.
26	CCB	-572.6	6.301	-.1488	-.4542	.9423	1.537
27	460-4869-C-1-A	58770.	-1.023	17.65	31.39	177.0	4.124
28	460-4869-C-2-A	49680.	-.2801	5.841	4.900	145.5	3.593
29	460-4869-C-3-A	173700.	-1.623	.4587	18.98	30.63	1.054
30	460-4869-C-5-A	98220.	-3.382	12.78	16.31	176.1	.5451
31	460-4869-C-6-A	426.5	1.587	-.3514	1.464	2.090	.7990
32	460-4869-C-7-A	130900.	L-13.34	2.332	34.83	41.47	-.2608
33	460-4880-I-2-A	-358.3	-.7431	-.1668	2.546	8.890	.0139
34	ICSA 150206	-730.1	-1.641	2.448	-1.322	-.7768	-2.349
35	ICSAB 150230	10920.	94.24	103.1	98.55	98.92	101.4
36	CCV 150234	121300.	4952.	2497.	2461.	981.8	2464.
37	CCB	-608.3	2.596	-.5622	1.766	.6784	.0603

#	Sample Name	Sn1899	Ti3349	*Y			

1	ICV 150234	1007.	10060.	984.32
2	ICB	.4776	.6553	999.904
3	ICSA 150206	-.2877	-4.574	959.68
4	ICSAB 150230	94.04	97.59	960.32
5	INT-20	5.773	19860.	1000.45
6	REPLIM	49.90	23.21	1008.26
7	MB 460-14861/1-A	-2.818	.3294	1013.31
8	LCS 460-14861/2-A	456.5	468.5	1009.25
9	460-4869-A-4-C DU	5.484	200.4	1033.06
10	460-4869-C-4-A	8.882	230.7	1031.68
11	SD 460-4869-C-4-A@5	-1.554	43.93	1017.09
12	460-4869-C-4-B MS	441.5	640.8	1024.42
13	CCV 150234	1010.	10070.	983.04
14	CCB	-2.704	.1527	1013.06
15	460-4820-C-3-A	.8781	-.2526	1010.4
16	460-4825-G-6-A	-2.095	-.2804	1007.07
17	460-4835-F-1-A	-1.329	28.98	1006.11
18	460-4835-F-2-A	3.003	224.9	1019.2
19	460-4835-F-3-A	-2.819	56.29	1010.69
20	460-4835-F-4-A	3.148	85.13	1005.6
21	460-4835-F-5-A	2.312	109.9	1013.57
22	460-4835-F-6-A	3.466	101.5	1021.63
23	460-4835-F-7-A	1.471	149.5	1017.31
24	460-4835-F-8-A	7.901	417.0	1027.71
25	CCV 150234	1007.	9769.	995.808
26	CCB	-.6805	-.0656	1024.64
27	460-4869-C-1-A	-.0252	133.7	1022.05
28	460-4869-C-2-A	-.9639	43.20	1019.14
29	460-4869-C-3-A	4.493	.5412	1012.16
30	460-4869-C-5-A	2.484	128.3	1021.98
31	460-4869-C-6-A	-1.950	-.3761	1013.28
32	460-4869-C-7-A	1.377	2.181	1009.31
33	460-4880-I-2-A	-2.723	-.2718	1016.45
34	ICSA 150206	-4.410	-5.211	960.832
35	ICSAB 150230	99.40	99.01	970.336
36	CCV 150234	1006.	9913.	991.712
37	CCB	-1.830	.0523	1013.41

Method: SW846 Standard: T2CAL-BLK
Run Time: 08/21/09 16:34:41

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	1.063	.0405	-.0938	.0000	-.1049	-.0091	.0990
SDev	.005	.0084	.0152	.0000	.0012	.0234	.0012
%RSD	.5032	20.81	16.26	.0000	1.119	255.8	1.179
#1	1.067	.0345	-.1046	.0000	-.1041	.0074	.0982
#2	1.059	.0464	-.0830	.0000	-.1057	-.0257	.0998

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0086	-.0059	.0128	-.0020	-.0138	.0059	-.0338
SDev	.0003	.0077	.0000	.0028	.0028	.0000	.0011
%RSD	3.920	129.7	.1206	141.4	20.32	.1206	3.217
#1	.0089	-.0005	.0128	.0000	-.0118	.0059	-.0330
#2	.0084	-.0114	.0128	-.0040	-.0158	.0059	-.0346

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	12.83	-.0666	.0262	-.1155	.0041	.0457	.0000
SDev	.01	.0020	.0230	.0169	.0016	.0031	.0014

%RSD	.0970	3.022	87.98	14.62	39.94	6.760	165800.
#1	12.84	-.0681	.0424	-.1036	.0053	.0478	-.0010
#2	12.82	-.0652	.0099	-.1275	.0030	.0435	.0010

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.0392	.0798	-.0197	.2715	-.0415	-.1999	.0953
SDev	.0904	.0037	.0014	.0513	.0559	.0535	.0453
%RSD	230.6	4.578	7.191	18.91	134.7	26.77	47.52
#1	.1031	.0824	-.0187	.3078	-.0020	-.2378	.1273
#2	-.0247	.0772	-.0208	.2352	-.0810	-.1621	.0632

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1013	--	--	--	--	--	--
SDev	1.221857	--	--	--	--	--	--
%RSD	.1206453	--	--	--	--	--	--
#1	1014	--	--	--	--	--	--
#2	1012	--	--	--	--	--	--

Method: SW846 Standard: T2CAL1
Run Time: 08/21/09 16:40:56

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	43.59	4.395	33.17	14.95	9.307	58.52	59.73
SDev	.04	.003	.02	.01	.012	.01	.06
%RSD	.1008	.0643	.0701	.0348	.1256	.0225	.1038
#1	43.62	4.393	33.15	14.96	9.299	58.53	59.69
#2	43.55	4.397	33.18	14.95	9.315	58.51	59.78

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	14.78	3.030	9.422	18.70	25.99	10.78	13.21
SDev	.02	.004	.024	.02	.01	.00	.01
%RSD	.1661	.1329	.2525	.1181	.0495	.0191	.0932
#1	14.77	3.027	9.439	18.68	25.98	10.78	13.22
#2	14.80	3.033	9.405	18.71	26.00	10.78	13.20

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.378	15.04	2.949	4.533	2.173	34.16	3.502
SDev	.006	.06	.001	.015	.014	.13	.052
%RSD	.1655	.4185	.0488	.3315	.6350	.3678	1.474
#1	3.374	15.09	2.948	4.522	2.183	34.07	3.465
#2	3.382	15.00	2.950	4.544	2.164	34.25	3.538

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	39.94	68.52	73.56	12.96	12.96
SDev	.00	.10	.07	.05	.06
%RSD	.0057	.1425	.1014	.3951	.4713
#1	39.94	68.45	73.51	12.93	12.92
#2	39.94	68.59	73.61	13.00	13.01

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1002	--	--	--	--	--	--
SDev	1.448136	--	--	--	--	--	--
%RSD	.1445730	--	--	--	--	--	--
#1	1003	--	--	--	--	--	--
#2	1001	--	--	--	--	--	--

Method: SW846 Standard: T2CAL2
Run Time: 08/21/09 16:47:11

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	214.8	21.77	165.3	72.73	45.85	287.3	293.1
SDev	3.2	.32	1.7	1.15	.60	3.6	3.6
%RSD	1.468	1.469	1.022	1.586	1.307	1.258	1.239
#1	212.5	21.54	164.1	71.92	45.43	284.7	290.5
#2	217.0	21.99	166.5	73.55	46.28	289.8	295.6

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	72.99	14.97	47.36	92.69	134.4	53.03	64.95
SDev	.88	.16	.70	1.26	2.0	.67	.84
%RSD	1.206	1.065	1.471	1.359	1.501	1.265	1.296
#1	72.36	14.86	46.86	91.80	132.9	52.56	64.36
#2	73.61	15.08	47.85	93.58	135.8	53.51	65.55

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	17.44	75.65	14.69	21.61	10.79	167.1	17.11
SDev	.23	.99	.20	.26	.14	2.1	.28
%RSD	1.314	1.309	1.330	1.193	1.264	1.244	1.619
#1	17.28	74.95	14.55	21.42	10.70	165.7	16.91
#2	17.60	76.35	14.83	21.79	10.89	168.6	17.30

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	195.4	339.1	363.6	65.51	63.94
SDev	2.7	2.6	3.7	.38	.73
%RSD	1.398	.7591	1.018	.5833	1.136
#1	193.5	337.3	361.0	65.24	63.42
#2	197.3	341.0	366.2	65.78	64.45

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	996	--	--	--	--	--	--
SDev	11.99255	--	--	--	--	--	--
%RSD	1.204535	--	--	--	--	--	--
#1	1004	--	--	--	--	--	--
#2	987	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
Run Time: 08/21/09 16:53:26

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	430.9	43.80	326.3	141.6	89.51	559.5	568.1
SDev	.0	.25	.7	.0	.11	.4	.9
%RSD	.0057	.5730	.2187	.0106	.1221	.0801	.1502
#1	430.9	43.98	326.8	141.6	89.59	559.8	568.7
#2	430.9	43.62	325.8	141.6	89.43	559.2	567.5

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	144.6	29.78	95.81	182.3	274.5	104.5	127.7
SDev	.1	.01	.04	.3	.0	.1	.1
%RSD	.0431	.0235	.0420	.1461	.0059	.0625	.0824
#1	144.7	29.79	95.78	182.5	274.5	104.5	127.7
#2	144.6	29.78	95.84	182.1	274.5	104.4	127.6

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	431.0	35.66	118.7	150.4	29.58	42.06	21.74
SDev	.1	.01	.1	.1	.03	.03	.03
%RSD	.0267	.0313	.0929	.0772	.0858	.0708	.1269
#1	430.9	35.66	118.6	150.5	29.59	42.08	21.72
#2	431.1	35.67	118.8	150.3	29.56	42.04	21.76

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	330.6	34.64	386.5	670.8	715.3	130.3	125.6
SDev	.3	.05	.3	.0	1.5	.0	.4
%RSD	.0983	.1310	.0739	.0009	.2076	.0213	.3096
#1	330.8	34.68	386.7	670.8	716.4	130.3	125.8
#2	330.3	34.61	386.3	670.8	714.3	130.3	125.3

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	972	--	--	--	--	--	--
SDev	1.629185	--	--	--	--	--	--
%RSD	.1676503	--	--	--	--	--	--
#1	971	--	--	--	--	--	--

```
 #2      973       --        --        --        --        --        --
-------------------------------------------------------------------------------
Method: SW846            Slope = Conc(SIR)/IR

Element Wavelen   High std   Low std    Slope    Y-intercept  Date Standardized
Al3082  308.215   Multiple   Standards  585.148  -620.927     08/21/09 04:53:26
Sb2068  206.838   Multiple   Standards  47.2250  -1.90977     08/21/09 04:53:26
As1890  189.042   Multiple   Standards  30.3179  2.76893      08/21/09 04:53:26
Ba4934  493.409   Multiple   Standards  137.449  -.492542     08/21/09 04:53:26
Be3130  313.042   Multiple   Standards  21.7395  2.23713      08/21/09 04:53:26
Cd2265  226.502   Multiple   Standards  8.75338  -.016447     08/21/09 04:53:26
Ca3179  317.933   Multiple   Standards  428.554  -47.4850     08/21/09 04:53:26
□□Standardization      Report              08/21/09 04:59:38 PM         page 7


Element Wavelen   High std   Low std    Slope    Y-intercept  Date Standardized
Cr2677  267.716   Multiple   Standards  68.4257  -.691212     08/21/09 04:53:26
Co2286  228.616   Multiple   Standards  167.783  .947548      08/21/09 04:53:26
Cu3247  324.754   Multiple   Standards  263.543  -3.19697     08/21/09 04:53:26
Fe2714  271.441   Multiple   Standards  1084.59  .053917      08/21/09 04:53:26
Mg3832  383.231   Multiple   Standards  933.539  19.2528      08/21/09 04:53:26
Mn2576  257.610   Multiple   Standards  94.3096  -.697732     08/21/09 04:53:26
Ni2316  231.604   Multiple   Standards  38.4115  1.21658      08/21/09 04:53:26
K_7664  766.491   T2CAL3     T2CAL-BLK  1.11008  -.806320     08/21/09 04:53:26
Ag3280  328.068   Multiple   Standards  71.3009  4.79161      08/21/09 04:53:26
Pb2203  220.353   NONE       NONE       1.00000  .000000     *NOT STANDARDIZED
Se1960  196.026   NONE       NONE       1.00000  .000000     *NOT STANDARDIZED
Na3302  330.232   T2CAL3     T2CAL-BLK  1.06744  -.000284     08/21/09 04:53:26
Tl1908  190.864   Multiple   Standards  66.1553  7.61878      08/21/09 04:53:26
V_2924  292.402   Multiple   Standards  169.931  -.698652     08/21/09 04:53:26
Zn2062  206.200   Multiple   Standards  109.526  -5.15000     08/21/09 04:53:26
B_2496  249.678   Multiple   Standards  92.2414  -.003028     08/21/09 04:53:26
Mo2020  202.030   Multiple   Standards  14.8903  -.660520     08/21/09 04:53:26
Sn1899  189.989   Multiple   Standards  55.1399  -4.39661     08/21/09 04:53:26
Ti3349  334.941   Multiple   Standards  50.9894  .681229      08/21/09 04:53:26
2203/1  220.351   Multiple   Standards  29.7719  -8.23416     08/21/09 04:53:26
2203/2  220.352   Multiple   Standards  27.4848  .897189      08/21/09 04:53:26
1960/1  196.021   Multiple   Standards  76.1966  15.2006      08/21/09 04:53:26
1960/2  196.022   Multiple   Standards  77.9934  -7.53105     08/21/09 04:53:26
-------------------------------------------------------------------------------
Method: SW846
                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Al3082   308.215     T2CAL-BLK       .000000         1.18601        -1.18601
                     T2CAL1        25000.0           24883.1         116.869
                     T2CAL2        125000.           125044.        -43.9687
                     T2CAL3        250000.           251510.        -1509.66
CorCoef: 1.00000
                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Sb2068   206.838     T2CAL-BLK       .000000         .002286        -.002286
                     T2CAL1        200.000           205.653        -5.65314
                     T2CAL2        1000.00           1026.03        -26.0300
                     T2CAL3        2000.00           2066.52        -66.5183
CorCoef: 0.99999
                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
As1890   189.042     T2CAL-BLK       .000000         -.074683        .074683
                     T2CAL1        1000.00           1008.27        -8.27234
                     T2CAL2        5000.00           5014.71        -14.7090
                     T2CAL3        10000.0           9895.99        104.012
CorCoef: 0.99998
                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Ba4934   493.409     T2CAL-BLK       .000000         -.492542        .492542
                     T2CAL1        2000.00           2054.80        -54.8022
                     T2CAL2        10000.0           9996.61        3.39063
                     T2CAL3        20000.0           19458.8        541.244
CorCoef: 0.99990

                                      Known         Measured        Residual
□□Standardization      Readback Report      08/21/09 04:59:38 PM         page 8

Element  Wavelength  Standard     Concentration   Concentration   Concentration
Be3130   313.042     T2CAL-BLK       .000000         -.043594        .043594
                     T2CAL1        200.000           204.562        -4.56204
```

		T2CAL2	1000.00	999.030	.970154
		T2CAL3	2000.00	1948.13	51.8699
CorCoef: 0.99991					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.096519	.096519
		T2CAL1	500.000	512.209	-12.2086
		T2CAL2	2500.00	2514.43	-14.4346
		T2CAL3	5000.00	4897.78	102.219
CorCoef: 0.99990					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-5.06378	5.06378
		T2CAL1	25000.0	25550.6	-550.629
		T2CAL2	125000.	125541.	-540.500
		T2CAL3	250000.	243413.	6587.31
CorCoef: 0.99987					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.100049	.100049
		T2CAL1	1000.00	1010.93	-10.9255
		T2CAL2	5000.00	4993.48	6.52393
		T2CAL3	10000.0	9894.72	105.282
CorCoef: 0.99999					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.047235	.047235
		T2CAL1	500.000	509.280	-9.28046
		T2CAL2	2500.00	2512.88	-12.8782
		T2CAL3	5000.00	4998.03	1.96533
CorCoef: 1.00000					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Cu3247	324.754	T2CAL-BLK	.000000	.185889	-.185889
		T2CAL1	2500.00	2479.85	20.1506
		T2CAL2	12500.0	12477.3	22.6689
		T2CAL3	25000.0	25246.8	-246.842
CorCoef: 0.99998					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-2.08974	2.08974
		T2CAL1	20000.0	20277.9	-277.922
		T2CAL2	100000.	100526.	-526.461
		T2CAL3	200000.	197718.	2281.55
CorCoef: 0.99996					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Mg3832	383.231	T2CAL-BLK	.000000	6.34642	-6.34642
		T2CAL1	25000.0	24285.0	715.018
		T2CAL2	125000.	125444.	-443.633
		T2CAL3	250000.	256263.	-6262.88
CorCoef: 0.99994					

Element	Wavelength	Standard	Concentration	Concentration	Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.139008	.139008
		T2CAL1	1000.00	1016.01	-16.0125
		T2CAL2	5000.00	5000.73	-.729980
		T2CAL3	10000.0	9854.17	145.835
CorCoef: 0.99997					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.082456	.082456
		T2CAL1	500.000	508.662	-8.66217
		T2CAL2	2500.00	2496.23	3.76904
		T2CAL3	5000.00	4905.17	94.8330
CorCoef: 0.99996					
			Known	Measured	Residual
Element	Wavelength	Standard	Signal	Signal	Signal
K_7664	766.491	T2CAL-BLK	13.4373	12.8312	.606087
		T2CAL3	477.626	430.991	46.6356

			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration

Ag3280	328.068	T2CAL-BLK	.000000	.039565	-.039565
		T2CAL1	250.000	245.673	4.32678
		T2CAL2	1250.00	1248.23	1.76917
		T2CAL3	2500.00	2547.62	-47.6160

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	T2CAL-BLK	.027632	.026152	.001480
		T2CAL3	126.699	118.694	8.00473

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK	.000000	-.024485	.024485
		T2CAL1	1000.00	1002.92	-2.91968
		T2CAL2	5000.00	5012.34	-12.3389
		T2CAL3	10000.0	9958.90	41.0957

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	.003405	-.003405
		T2CAL1	500.000	500.495	-.494690
		T2CAL2	2500.00	2495.24	4.76050
		T2CAL3	5000.00	5025.29	-25.2900

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK	.000000	-.148497	.148497

		T2CAL1	500.000	491.327	8.67291
		T2CAL2	2500.00	2361.27	138.733
		T2CAL3	5000.00	4601.30	398.705

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T2CAL-BLK	.000000	-.002950	.002950
		T2CAL1	200.000	200.472	-.472076
		T2CAL2	1000.00	995.432	4.56775
		T2CAL3	2000.00	2005.57	-5.56958

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK	.000000	-.076906	.076906
		T2CAL1	500.000	507.972	-7.97226
		T2CAL2	2500.00	2488.13	11.8689
		T2CAL3	5000.00	4921.43	78.5737

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	.004215	-.004215
		T2CAL1	200.000	188.688	11.3117
		T2CAL2	1000.00	938.953	61.0465
		T2CAL3	2000.00	1905.81	94.1898

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.325746	.325746
		T2CAL1	2000.00	2037.35	-37.3531
		T2CAL2	10000.0	9964.88	35.1152
		T2CAL3	20000.0	19706.9	293.072

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	-.151023	.151023

		T2CAL1	2000.00	2031.71	-31.7100
		T2CAL2	10000.0	10088.4	-88.3994
		T2CAL3	20000.0	19962.2	37.7578

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	-.243548	.243548
		T2CAL1	2000.00	2022.66	-22.6584
		T2CAL2	10000.0	9995.04	4.96094
		T2CAL3	20000.0	19661.5	338.508

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK	.000000	-.032238	.032238
		T2CAL1	1000.00	1002.90	-2.89655
		T2CAL2	5000.00	5006.61	-6.60938
		T2CAL3	10000.0	9943.27	56.7275

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	-.101700	.101700

		T2CAL1	1000.00	1003.61	-3.61243
		T2CAL2	5000.00	4979.19	20.8140
		T2CAL3	10000.0	9785.45	214.546

CorCoef: 0.99996

Method: SW846 Sample Name: ICV 150234 Operator:
Run Time: 08/21/09 16:59:42
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125500.	1007.	5028.	10090.	1003.	2511.	126200.
SDev	103.	4.	1.	5.	.	1.	75.
%RSD	.0822	.4109	.0116	.0520	.0178	.0201	.0591
#1	125600.	1010.	5028.	10100.	1003.	2512.	126100.
#2	125400.	1004.	5029.	10090.	1003.	2511.	126200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5027.	2510.	12530.	100800.	125700.	5024.	2517.
SDev	1.	3.	11.	12.	39.	2.	1.
%RSD	.0263	.1004	.0910	.0121	.0310	.0401	.0206
#1	5026.	2511.	12540.	100800.	125800.	5025.	2517.
#2	5027.	2508.	12520.	100800.	125700.	5022.	2518.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48470.	1256.	10010.	4986.	123000.	5023.	2506.
SDev	34.	1.	8.	.	149.	7.	2.
%RSD	.0692	.0476	.0792	.0058	.1209	.1461	.0853
#1	48450.	1256.	10010.	4986.	123100.	5028.	2507.
#2	48500.	1257.	10020.	4986.	122900.	5017.	2504.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2507.	1003.	2507.	1007.	10060.	10030.	10000.
SDev	.	1.	2.	4.	3.	5.	9.
%RSD	.0001	.1236	.0947	.3572	.0297	.0540	.0919
#1	2507.	1004.	2505.	1010.	10060.	10020.	9996.
#2	2507.	1002.	2509.	1005.	10060.	10030.	10010.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4985.	4986.
SDev	2.	.
%RSD	.0310	.0068
#1	4984.	4987.
#2	4986.	4986.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	984	--	--	--	--	--	--
SDev	1.900695	--	--	--	--	--	--
%RSD	.1930972	--	--	--	--	--	--
#1	986	--	--	--	--	--	--
#2	983	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:
Run Time: 08/21/09 17:05:57
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.38	-.3432	2.252	1.432	.0902	.1796	5.655
SDev	4.64	.9392	1.073	.190	.0276	.1106	5.039
%RSD	26.73	273.7	47.64	13.29	30.66	61.56	89.10
#1	14.09	.3209	1.494	1.297	.0706	.1014	2.092
#2	20.66	-1.007	3.011	1.566	.1097	.2578	9.219

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0787	.2361	1.811	9.787	26.25	.1034	.2185
SDev	.0226	.1771	.383	4.596	5.93	.0649	.5142
%RSD	28.71	75.02	21.17	46.96	22.58	62.76	235.3
#1	.0627	.3613	2.082	6.537	22.06	.0575	.5822
#2	.0947	.1108	1.540	13.04	30.44	.1492	-.1451

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	85.02	.1749	1.116	1.489	-543.3	3.993	-.0406
SDev	15.92	.4692	.165	.499	148.1	.850	.0330

%RSD	18.73	268.2	14.79	33.48	27.26	21.29	81.34
#1	96.28	.5067	1.233	1.842	-648.0	3.392	-.0172
#2	73.76	-.1568	.9995	1.137	-438.6	4.594	-.0639
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4933	2.166	2.315	.4776	.6553	-.2821	1.810
SDev	.2229	.070	.148	.4321	.2524	.6754	.585
%RSD	45.18	3.217	6.407	90.48	38.52	239.4	32.31
#1	-.6509	2.215	2.419	.7831	.4768	-.7596	2.223
#2	-.3357	2.117	2.210	.1720	.8338	.1955	1.396
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.557	3.000
SDev	6.538	2.516
%RSD	419.8	83.88
#1	3.066	1.221
#2	-6.180	4.779
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1000	--	--	--	--	--	--
SDev	2.126974	--	--	--	--	--	--
%RSD	.2127178	--	--	--	--	--	--
#1	998	--	--	--	--	--	--
#2	1001	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 150206 Operator:
Run Time: 08/21/09 17:12:11
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	500900.	-3.059	.0842	1.083	-.0904	.3743	474500.
SDev	482.	.979	1.992	.300	.0130	.0823	12.
%RSD	.0962	32.02	2367.	27.75	14.40	21.99	.0026
#1	500600.	-3.751	1.493	1.295	-.0812	.3161	474500.
#2	501200.	-2.366	-1.325	.8702	-.0996	.4325	474500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	10.00	10.00	20.00	5.000	4.000	600000.
Low	400000.	-10.00	-10.00	-20.00	-5.000	-4.000	400000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2923	2.920	3.806	204400.	536800.	-1.653	-.8438
SDev	.0289	.554	.598	93.	243.	.122	.5361
%RSD	9.900	18.96	15.70	.0454	.0452	7.363	63.54
#1	.3128	3.312	3.384	204500.	536700.	-1.567	-1.223
#2	.2719	2.529	4.229	204400.	537000.	-1.739	-.4647

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	5.000	20.00	240000.	600000.	9.900	10.00
Low	-10.00	-5.000	-10.00	160000.	400000.	-9.900	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.37	-.4646	1.422	-4.566	-737.0	.8984	2.660
SDev	7.05	.2250	.541	.682	28.9	4.488	.200
%RSD	13.46	48.43	38.05	14.93	3.926	499.5	7.525
#1	57.36	-.6237	1.039	-5.049	-716.6	4.072	2.519

#2	47.39	-.3055	1.804	-4.084	-757.5	-2.275	2.802

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	6.000	10.00	1000.	10.00	10.00
Low	-1000.	-10.00	-6.000	-10.00	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4285	2.298	-1.160	-.2877	-4.574	2.754	.7521
SDev	.3158	.267	1.154	3.5947	.030	5.036	1.703
%RSD	73.68	11.61	99.45	1250.	.6529	182.9	226.4
#1	.2053	2.487	-.3443	2.254	-4.595	-.8071	1.956
#2	.6518	2.110	-1.976	-2.830	-4.553	6.314	-.4521

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	20.00	15.00	20.00	40.00	20.00		
Low	-20.00	-15.00	-20.00	-40.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.846	-5.436
SDev	1.174	.437
%RSD	41.24	8.030
#1	-3.675	-5.745
#2	-2.016	-5.128

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	960	--	--	--	--	--	--
SDev	2.081701	--	--	--	--	--	--
%RSD	.2169161	--	--	--	--	--	--
#1	961	--	--	--	--	--	--
#2	958	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 150230 Operator:
Run Time: 08/21/09 17:18:25
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482100.	97.01	99.90	106.2	96.60	98.02	458100.
SDev	593.	1.36	.36	.3	.08	.42	373.
%RSD	.1231	1.399	.3563	.2746	.0846	.4235	.0814
#1	481700.	96.05	99.65	106.0	96.54	97.73	457900.
#2	482600.	97.97	100.2	106.4	96.65	98.32	458400.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.

Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	98.74	100.0	103.3	197400.	515300.	97.34	96.74
SDev	.49	1.0	.3	142.	559.	.08	.40
%RSD	.5003	.9510	.2818	.0718	.1086	.0796	.4117
#1	98.39	99.37	103.1	197300.	514900.	97.29	97.03
#2	99.09	100.7	103.5	197500.	515700.	97.40	96.46
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11160.	103.1	100.2	99.57	10780.	102.3	101.0
SDev	47.	.0	1.7	.64	33.	4.4	.3
%RSD	.4228	.0061	1.646	.6420	.3025	4.289	.3455
#1	11130.	103.1	99.07	100.0	10810.	99.18	101.3
#2	11190.	103.1	101.4	99.12	10760.	105.4	100.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.01	99.04	99.41	94.04	97.59	105.9	97.40
SDev	.10	.21	.77	2.76	.16	5.7	.35
%RSD	.1049	.2074	.7712	2.932	.1594	5.339	.3584
#1	97.09	99.18	98.87	95.99	97.48	101.9	97.65
#2	96.94	98.89	99.95	92.09	97.70	109.9	97.15
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	101.2	98.74					
SDev	.6	1.24					
%RSD	.5490	1.252					

#1	100.8	99.61
#2	101.6	97.86
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	960	--	--	--	--	--	--
SDev	2.624763	--	--	--	--	--	--
%RSD	.2733217	--	--	--	--	--	--
#1	962	--	--	--	--	--	--
#2	958	--	--	--	--	--	--

□---

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 08/21/09 17:24:52
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33.16	-.9081	-1.317	19670.	1.051	-.2559	45.04

SDev	5.08	3.9587	.697	35.	.126	.0146	.48
%RSD	15.32	435.9	52.90	.1792	11.95	5.708	1.066
#1	36.75	-3.707	-.8243	19690.	1.140	-.2662	44.70
#2	29.56	1.891	-1.809	19640.	.9624	-.2455	45.38

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20370.	20000.	1.149	-98.09	29.52	19300.	4.042
SDev	50.	44.	.180	7.29	2.65	58.	.192
%RSD	.2474	.2213	15.69	7.432	8.988	.2999	4.761
#1	20340.	19970.	1.022	-92.94	31.40	19260.	4.178
#2	20410.	20030.	1.277	-103.2	27.64	19340.	3.906

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	82.88	-2.037	-2.780	-2.850	-628.3	.6068	19850.
SDev	2.26	.259	.362	1.607	152.6	2.602	90.
%RSD	2.722	12.71	13.03	56.41	24.29	428.7	.4536
#1	84.48	-2.220	-3.036	-1.713	-736.2	2.446	19790.
#2	81.29	-1.854	-2.524	-3.986	-520.4	-1.233	19920.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5042.	9437.	9750.	5.773	19860.	-6.774	-.7904
SDev	20.	3.	23.	.949	21.	2.462	.6860
%RSD	.3954	.0317	.2399	16.43	.1038	36.34	86.78
#1	5027.	9435.	9733.	5.102	19840.	-8.515	-.3054
#2	5056.	9439.	9766.	6.444	19870.	-5.034	-1.275

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.428	-1.573
SDev	4.137	.344
%RSD	76.22	21.89
#1	-2.502	-1.329
#2	-8.354	-1.816

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1000	--	--	--	--	--	--
SDev	1.357633	--	--	--	--	--	--
%RSD	.1357025	--	--	--	--	--	--
#1	999	--	--	--	--	--	--
#2	1001	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM Operator:
Run Time: 08/21/09 17:31:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	200.5	8.955	4.465	210.1	1.953	4.162	5212.
SDev	.6	.248	.237	.7	.024	.072	10.
%RSD	.3034	2.773	5.306	.3338	1.215	1.732	.1836
#1	201.0	8.780	4.297	210.6	1.970	4.111	5205.
#2	200.1	9.131	4.632	209.6	1.936	4.213	5219.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.27	54.76	26.47	165.4	4906.	17.91	40.87
SDev	.46	.38	.61	6.5	7.	1.03	1.09
%RSD	3.440	.6926	2.286	3.933	.1371	5.731	2.668

#1	13.59	55.03	26.04	170.0	4910.	18.63	40.10	□□Analysis

#2	12.94	54.50	26.90	160.8	4901.	17.18	41.64

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4751.	9.864	5.455	5.822	5181.	11.06	54.40
SDev	23.	.716	.536	.324	79.	.79	1.37
%RSD	.4812	7.262	9.822	5.557	1.522	7.153	2.514
#1	4735.	10.37	5.834	5.593	5125.	10.50	55.36
#2	4767.	9.358	5.076	6.051	5237.	11.62	53.43

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.43	59.19	24.33	49.90	23.21	3.822	6.265
SDev	.21	2.16	1.68	1.49	.96	.039	.784
%RSD	.6204	3.656	6.907	2.990	4.147	1.019	12.51
#1	34.58	60.72	25.52	48.84	23.89	3.850	6.820
#2	34.28	57.66	23.14	50.95	22.53	3.795	5.711

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.493	7.473
SDev	.609	.789
%RSD	24.42	10.56
#1	2.924	6.915
#2	2.063	8.031

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1008	--	--	--	--	--	--
SDev	1.719688	--	--	--	--	--	--
%RSD	.1705607	--	--	--	--	--	--
#1	1009	--	--	--	--	--	--
#2	1007	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-14861/1-A Operator:
Run Time: 08/21/09 17:37:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.323	-1.909	.6929	1.000	-.0262	-.0382	10.35

SDev	2.541	.332	1.875	.389	.0235	.2634	1.26
%RSD	40.18	17.37	270.6	38.92	89.93	690.2	12.21
#1	8.119	-2.143	2.019	1.276	-.0428	.1481	11.25
#2	4.526	-1.674	-.6330	.7250	-.0095	-.2244	9.459
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6946	1.117	1.224	9.569	16.49	.3729	-.0508
SDev	.6737	.820	.351	7.609	1.31	.3331	.5324
%RSD	96.99	73.47	28.70	79.52	7.966	89.34	1047.
#1	1.171	1.697	.9754	4.188	15.56	.6084	.3256
#2	.2182	.5366	1.472	14.95	17.42	.1373	-.4273

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.77	.3413	-1.221	1.326	-544.7	-1.484	.6456
SDev	19.92	.1077	.771	.520	48.3	1.282	.5688
%RSD	62.69	31.55	63.15	39.24	8.870	86.43	88.10
#1	45.85	.4174	-.6759	1.694	-578.8	-2.390	1.048
#2	17.69	.2651	-1.766	.9582	-510.5	-.5769	.2434

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0287	5.002	2.097	-2.818	.3294	-4.098	.2108
SDev	.1537	.625	.779	.296	.3543	.027	1.170
%RSD	536.2	12.50	37.15	10.49	107.6	.6565	554.9
#1	-.0800	4.560	2.647	-3.027	.5800	-4.117	1.038
#2	.1374	5.445	1.546	-2.609	.0789	-4.079	-.6162

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.457	3.204
SDev	7.483	2.956
%RSD	304.6	92.24
#1	2.835	1.114
#2	-7.748	5.294

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1013	--	--	--	--	--	--
SDev	3.801433	--	--	--	--	--	--
%RSD	.3751492	--	--	--	--	--	--
#1	1011	--	--	--	--	--	--
#2	1016	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-14861/2-A Operator:
Run Time: 08/21/09 17:43:34
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1800.	448.7	1784.	1843.	45.67	46.40	18700.
SDev	3.	2.1	2.	1.	.03	.18	11.
%RSD	.1580	.4610	.1309	.0726	.0551	.3856	.0569
#1	1802.	447.3	1783.	1844.	45.65	46.52	18700.
#2	1798.	450.2	1786.	1842.	45.69	46.27	18690.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2400.	600.0	2400.	2400.	60.00	60.00	24000.
Low	1600.	400.0	1600.	1600.	40.00	40.00	16000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	186.2	454.7	225.4	952.6	17740.	465.4	460.5
SDev	.5	.8	.4	2.3	28.	.6	1.1
%RSD	.2455	.1804	.1592	.2455	.1598	.1222	.2394
#1	186.5	454.1	225.2	954.3	17760.	465.8	461.3
#2	185.8	455.3	225.7	951.0	17720.	465.0	459.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	240.0	600.0	300.0	1200.	24000.	600.0	600.0
Low	160.0	400.0	200.0	800.0	16000.	400.0	400.0

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17020.	44.08	457.8	1771.	18240.	1811.	461.7

SDev	24.	.49	.0	1.	2.	6.	.7
%RSD	.1392	1.122	.0075	.0823	.0095	.3487	.1461
#1	17040.	44.43	457.7	1770.	18240.	1816.	462.2
#2	17000.	43.73	457.8	1772.	18240.	1807.	461.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	24000.	60.00	600.0	2400.	24000.	2400.	600.0
Low	16000.	40.00	400.0	1600.	16000.	1600.	400.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482.0	441.9	461.4	456.5	468.5	455.7	458.8
SDev	.4	.4	.4	6.3	1.1	.8	.3
%RSD	.0818	.0995	.0944	1.381	.2364	.1745	.0753
#1	481.7	442.2	461.0	461.0	469.3	455.2	459.0
#2	482.3	441.6	461.7	452.1	467.7	456.3	458.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	600.0	600.0	600.0	600.0	600.0		
Low	400.0	400.0	400.0	400.0	400.0		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1771.	1771.
SDev	8.	2.
%RSD	.4584	.1055
#1	1765.	1773.
#2	1777.	1770.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1009	--	--	--	--	--	--
SDev	.7693412	--	--	--	--	--	--
%RSD	.0762291	--	--	--	--	--	--
#1	1010	--	--	--	--	--	--
#2	1009	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-A-4-C DU Operator:
Run Time: 08/21/09 17:49:48
Comment: BATCH
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9607.	-2.929	30.82	173.7	.6650	-.6664	25440.
SDev	3.	1.000	.96	.4	.0088	.2516	71.

%RSD	.0324	34.13	3.107	.2189	1.328	37.76	.2799
#1	9609.	-2.222	31.50	174.0	.6588	-.8443	25390.
#2	9605.	-3.636	30.14	173.4	.6713	-.4885	25490.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.09	7.815	28.18	64010.	17070.	739.9	9.182
SDev	.20	.236	.33	57.	39.	3.4	.203
%RSD	1.321	3.018	1.188	.0896	.2276	.4662	2.215
#1	15.23	7.982	27.94	63960.	17040.	737.5	9.038
#2	14.94	7.648	28.42	64050.	17090.	742.4	9.326
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3629.	1.562	1.444	2.551	71470.	3.251	21.70
SDev	15.	.095	.407	.816	6.	1.421	.02
%RSD	.4242	6.083	28.16	31.97	.0083	43.72	.0881
#1	3640.	1.629	1.156	3.128	71470.	2.246	21.68
#2	3618.	1.495	1.731	1.974	71460.	4.256	21.71
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.18	688.5	.0417	5.484	200.4	-2.145	3.231
SDev	.31	.1	.7684	.950	.7	1.012	.104
%RSD	1.376	.0180	1844.	17.32	.3524	47.19	3.225
#1	21.96	688.4	-.5017	4.813	199.9	-2.860	3.157
#2	22.39	688.6	.5850	6.156	200.9	-1.429	3.304
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Units	ppb	ppb
Avge	-.5557	4.092
SDev	.5907	1.518
%RSD	106.3	37.09
#1	-.9734	5.165
#2	-.1380	3.019
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1033	--	--	--	--	--	--
SDev	.8598874	--	--	--	--	--	--
%RSD	.0832372	--	--	--	--	--	--
#1	1032	--	--	--	--	--	--
#2	1034	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-C-4-A Operator:

Run Time: 08/21/09 17:56:03
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11190.	-2.658	30.95	187.2	.6450	-.6891	27290.
SDev	34.	.068	2.13	.4	.0195	.0204	16.
%RSD	.3028	2.558	6.867	.1923	3.029	2.957	.0588
#1	11210.	-2.706	29.44	186.9	.6312	-.6747	27280.
#2	11160.	-2.610	32.45	187.4	.6588	-.7035	27300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.52	8.090	29.63	69280.	18450.	800.2	9.556
SDev	.31	.709	.24	27.	2.	1.3	.305
%RSD	1.871	8.760	.7943	.0389	.0104	.1643	3.189
#1	16.30	7.589	29.46	69260.	18450.	801.1	9.341
#2	16.74	8.591	29.79	69300.	18440.	799.3	9.772

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3916.	1.971	2.388	2.808	76730.	1.686	24.05
SDev	.	.337	2.134	.709	117.	2.959	.43
%RSD	.0122	17.12	89.34	25.24	.1528	175.5	1.781
#1	3916.	1.733	3.897	2.307	76650.	3.778	23.75
#2	3917.	2.210	.8794	3.309	76820.	-.4063	24.35

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25.59	736.0	.9423	8.882	230.7	1.328	2.913
SDev	.25	2.5	1.392	.573	2.3	2.376	2.013
%RSD	.9766	.3383	147.7	6.451	.9850	178.9	69.09
#1	25.42	734.2	-.0422	8.477	232.3	3.008	4.336
#2	25.77	737.7	1.927	9.287	229.1	-.3519	1.490
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.521	5.459
SDev	.436	.845
%RSD	17.29	15.48
#1	-2.830	4.861
#2	-2.213	6.056
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1032	--	--	--	--	--	--
SDev	1.719688	--	--	--	--	--	--
%RSD	.1666882	--	--	--	--	--	--
#1	1033	--	--	--	--	--	--
#2	1030	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-4869-C-4-A@5 Operator:
Run Time: 08/21/09 18:02:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2238.	-2.219	5.215	37.55	.1526	-.2023	5461.
SDev	6.	3.680	1.070	.08	.0184	.0836	14.
%RSD	.2798	165.8	20.52	.2074	12.02	41.31	.2610
#1	2242.	.3832	4.458	37.60	.1656	-.1432	5471.
#2	2234.	-4.820	5.971	37.49	.1396	-.2614	5451.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.280	1.347	6.390	13870.	3667.	158.2	2.819
SDev	.349	.115	.020	43.	10.	.7	.170
%RSD	10.63	8.525	.3071	.3080	.2744	.4128	6.047
#1	3.033	1.265	6.404	13900.	3674.	158.7	2.699
#2	3.526	1.428	6.376	13840.	3660.	157.7	2.940
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	755.9	.5986	-.0128	.2303	15990.	2.063	4.656
SDev	5.6	.0829	.1988	.7254	41.	2.767	.121
%RSD	.7360	13.86	1553.	315.0	.2589	134.1	2.601
#1	759.9	.5400	-.1534	-.2826	15960.	.1062	4.570
#2	752.0	.6573	.1278	.7432	16010.	4.019	4.741
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.028	147.5	.7655	-1.554	43.93	-3.276	1.612
SDev	.370	.1	.2364	2.725	.27	.359	.477
%RSD	7.355	.0746	30.89	175.4	.6053	10.95	29.61

#1	4.766	147.6	.9327	-3.481	43.74	-3.022	1.274
#2	5.289	147.4	.5983	.3729	44.12	-3.529	1.949
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.200	.9343
SDev	1.463	.3570
%RSD	121.9	38.21
#1	-2.235	.6818
#2	-.1658	1.187
Errors	NOCHECK	NOCHECK

High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1017	--	--	--	--	--	--
SDev	2.081744	--	--	--	--	--	--
%RSD	.2046769	--	--	--	--	--	--
#1	1016	--	--	--	--	--	--
#2	1019	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-C-4-B MS Operator:
Run Time: 08/21/09 18:08:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16170.	425.2	1751.	1981.	44.58	43.43	45150.
SDev	8.	.1	1.	.	.04	.11	27.
%RSD	.0505	.0125	.0718	.0072	.0896	.2612	.0591
#1	16180.	425.2	1750.	1981.	44.55	43.51	45170.
#2	16170.	425.2	1752.	1982.	44.60	43.35	45130.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	196.0	449.7	250.2	68760.	35890.	1239.	454.0
SDev	.7	.8	1.0	92.	8.	.	.4
%RSD	.3414	.1852	.4072	.1331	.0232	.0149	.0843
#1	196.4	450.3	249.5	68820.	35890.	1239.	454.3
#2	195.5	449.1	250.9	68690.	35880.	1239.	453.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20650.	44.36	443.4	1696.	94230.	1746.	467.2
SDev	31.	.41	1.7	5.	11.	2.	.4
%RSD	.1504	.9304	.3783	.2807	.0112	.1162	.0808
#1	20670.	44.65	444.6	1699.	94220.	1747.	466.9
#2	20630.	44.07	442.2	1693.	94230.	1744.	467.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478.6	1168.	436.8	441.5	640.8	443.3	443.4
SDev	.5	.	.8	.3	.3	3.4	.8
%RSD	.1130	.0358	.1842	.0627	.0476	.7677	.1840
#1	478.9	1168.	436.2	441.3	640.6	445.8	444.0
#2	478.2	1167.	437.3	441.7	641.0	440.9	442.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1699.	1694.

SDev	8.	3.
%RSD	.4524	.1947
#1	1705.	1697.
#2	1694.	1692.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1024	--	--	--	--	--	--
SDev	1.764962	--	--	--	--	--	--
%RSD	.1722895	--	--	--	--	--	--
#1	1023	--	--	--	--	--	--
#2	1026	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 150234 Operator:
Run Time: 08/21/09 18:14:46
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125600.	1004.	5023.	10060.	1001.	2505.	125900.
SDev	50.	1.	6.	1.	1.	3.	139.
%RSD	.0399	.1379	.1165	.0137	.0757	.1297	.1100
#1	125600.	1003.	5018.	10060.	1001.	2502.	125800.
#2	125500.	1005.	5027.	10060.	1002.	2507.	126000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5042.	2514.	12560.	100500.	125700.	5042.	2510.
SDev	1.	2.	8.	50.	67.	3.	2.
%RSD	.0231	.0944	.0676	.0501	.0536	.0648	.0703
#1	5041.	2512.	12570.	100500.	125700.	5040.	2508.
#2	5043.	2516.	12550.	100600.	125600.	5044.	2511.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48700.	1254.	10010.	4982.	123000.	5016.	2524.
SDev	22.	.	9.	3.	140.	10.	1.
%RSD	.0458	.0201	.0924	.0590	.1140	.1998	.0354
#1	48680.	1254.	10020.	4979.	123100.	5009.	2525.
#2	48710.	1254.	10010.	4984.	122900.	5023.	2524.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2505.	999.7	2506.	1010.	10070.	10040.	10000.
SDev	4.	.6	4.	6.	4.	7.	17.

%RSD	.1628	.0554	.1412	.5730	.0348	.0710	.1743
#1	2502.	1000.	2503.	1006.	10070.	10030.	10010.
#2	2508.	999.3	2508.	1014.	10080.	10040.	9988.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4991.	4977.
SDev	3.	6.
%RSD	.0634	.1204
#1	4994.	4972.
#2	4989.	4981.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	983	--	--	--	--	--	--
SDev	1.086124	--	--	--	--	--	--
%RSD	.1104862	--	--	--	--	--	--
#1	984	--	--	--	--	--	--
#2	982	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 08/21/09 18:21:01
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.759	-1.158	.2090	.1177	.0536	-.1593	-2.433
SDev	.237	1.051	3.240	.8630	.0060	.1045	2.361
%RSD	4.977	90.77	1550.	733.2	11.24	65.60	97.03

#1	-4.927	-1.901	2.500	.7279	.0493	-.0854	-.7637
#2	-4.592	-.4147	-2.082	-.4925	.0578	-.2332	-4.102
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0494	.5769	1.225	4.293	19.71	-.3258	-.2805
SDev	.4781	.0587	.365	6.063	.65	.1314	.4569
%RSD	968.1	10.18	29.77	141.2	3.307	40.33	162.9
#1	-.3875	.6185	1.483	.0058	19.25	-.2329	.0426
#2	.2887	.5354	.9675	8.580	20.17	-.4187	-.6036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.38	.0058	-.7388	2.875	-507.7	4.101	-.3628
SDev	1.06	.3450	.6187	.021	114.9	2.404	.0007
%RSD	3.072	5978.	83.74	.7472	22.63	58.63	.2032
#1	33.63	-.2381	-.3013	2.860	-426.5	5.801	-.3633
#2	35.12	.2497	-1.176	2.891	-588.9	2.401	-.3622
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5565	3.047	1.625	-2.704	.1527	-2.696	.2336
SDev	.2449	.320	.299	2.116	.0361	1.971	.0563
%RSD	44.01	10.50	18.43	78.24	23.64	73.11	24.09
#1	-.7297	3.274	1.837	-1.208	.1782	-1.302	.1938
#2	-.3833	2.821	1.413	-4.200	.1271	-4.089	.2734
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.6705	4.635
SDev	2.1383	1.100
%RSD	318.9	23.72
#1	.8415	3.858
#2	-2.182	5.413
Errors	NOCHECK	NOCHECK
High		

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1013	--	--	--	--	--	--
SDev	.7240680	--	--	--	--	--	--
%RSD	.0714736	--	--	--	--	--	--
#1	1014	--	--	--	--	--	--
#2	1013	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4820-C-3-A Operator:
Run Time: 08/21/09 18:27:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.350	-3.729	.2609	-.4925	-.0544	-.0277	41.59
SDev	5.461	1.529	1.304	.0000	.0546	.2542	.95
%RSD	65.40	41.00	499.8	.0000	100.3	918.6	2.277
#1	-12.21	-2.648	1.183	-.4925	-.0158	.1521	40.92
#2	-4.488	-4.811	-.6612	-.4925	-.0930	-.2074	42.26
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0984	-.1704	1.629	-1.546	13.24	-.4180	.5124
SDev	.1220	.0542	.572	.769	4.60	.0012	.3522
%RSD	123.9	31.82	35.11	49.75	34.72	.2841	68.73
#1	-.1847	-.2087	1.225	-1.002	16.49	-.4188	.7614
#2	-.0122	-.1320	2.034	-2.089	9.988	-.4172	.2634
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	-1.767	.0642	-.9247	2.374	-403.6	2.165	-.0252
SDev	17.714	.2810	1.2566	.953	51.4	1.227	.0853
%RSD	1003.	437.8	135.9	40.13	12.75	56.67	338.9

#1	-14.29	-.1345	-1.813	3.047	-367.3	1.297	.0351
#2	10.76	.2629	-.0362	1.700	-440.0	3.033	-.0854
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.217	3.877	1.608	.8781	-.2526	-2.408	-.1887
SDev	.450	.566	.283	.0958	.1107	2.625	.5732
%RSD	36.95	14.60	17.59	10.91	43.82	109.0	303.7
#1	.8988	4.277	1.808	.9459	-.1743	-4.264	-.5941
#2	1.535	3.476	1.408	.8104	-.3309	-.5513	.2166
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.399	5.245
SDev	4.818	.977
%RSD	141.8	18.63
#1	.0085	4.554
#2	-6.806	5.937
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1010	--	--	--	--	--	--
SDev	3.937166	--	--	--	--	--	--
%RSD	.3896640	--	--	--	--	--	--
#1	1013	--	--	--	--	--	--
#2	1008	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4825-G-6-A Operator:
Run Time: 08/21/09 18:33:28
Comment: MDL

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.60	-3.038	-1.036	-.4925	-.0512	-.0395	189.8
SDev	3.40	1.263	1.059	.0000	.0159	.2648	.2
%RSD	23.26	41.58	102.3	.0000	31.08	670.6	.0806
#1	17.00	-3.931	-.2867	-.4925	-.0625	-.2267	189.6
#2	12.20	-2.145	-1.785	-.4925	-.0400	.1478	189.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0551	.6153	7.665	5.941	12.79	-.3234	-.2126
SDev	.3311	.2371	.631	3.867	6.51	.0025	.1246
%RSD	601.3	38.52	8.229	65.09	50.91	.7645	58.60

#1	-.1790	.4477	8.111	8.676	17.39	-.3217	-.1245
#2	.2892	.7830	7.219	3.207	8.183	-.3252	-.3006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.771	.4553	.0658	.1577	68.22	1.215	-.2668
SDev	5.239	.0449	.0043	.3056	252.7	.921	.0467
%RSD	189.1	9.860	6.556	193.7	370.5	75.79	17.51
#1	6.476	.4870	.0689	-.0584	246.9	.5640	-.2337
#2	-.9335	.4235	.0628	.3738	-110.5	1.866	-.2998
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.213	2.151	.7472	-2.095	-.2804	-2.465	1.325
SDev	.118	.469	.8150	1.928	.1366	.653	.332
%RSD	9.755	21.82	109.1	92.04	48.71	26.48	25.08
#1	1.129	2.482	1.324	-.7314	-.1838	-2.927	1.560
#2	1.297	1.819	.1709	-3.458	-.3769	-2.003	1.090
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.2543	.0991					
SDev	.4785	.2193					

%RSD	188.2	221.3
#1	-.0841	-.0560
#2	.5926	.2542
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1007	--	--	--	--	--	--
SDev	7.014487	--	--	--	--	--	--
%RSD	.6965229	--	--	--	--	--	--
#1	1002	--	--	--	--	--	--
#2	1012	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4835-F-1-A Operator:
Run Time: 08/21/09 18:39:42
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1393.	-2.367	1.490	219.7	.1117	-.2047	55120.
SDev	9.	1.224	1.065	.4	.0011	.0912	25.
%RSD	.6178	51.71	71.44	.1702	.9842	44.52	.0449
#1	1387.	-3.232	.7376	220.0	.1125	-.1403	55110.
#2	1399.	-1.501	2.243	219.5	.1109	-.2692	55140.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.620	1.516	1.780	4216.	27450.	535.5	2.833
SDev	.675	.179	.738	12.	10.	.2	.944
%RSD	25.75	11.80	41.49	.2764	.0366	.0370	33.32
#1	2.143	1.390	2.302	4224.	27460.	535.6	3.500
#2	3.097	1.642	1.258	4208.	27440.	535.4	2.165

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8400.	-.1481	.4675	-.0745	145100.	1.289	1.849
SDev	13.	.0978	.2695	.8989	71.	3.251	.035
%RSD	.1576	66.02	57.65	1207.	.0492	252.2	1.873
#1	8409.	-.2173	.6581	-.7101	145100.	-1.010	1.824
#2	8391.	-.0790	.2769	.5612	145000.	3.587	1.873

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.027	49.31	.6324	-1.329	28.98	-2.430	1.910
SDev	.025	.49	.1048	.110	.60	1.739	1.272
%RSD	.3085	1.003	16.57	8.288	2.054	71.55	66.62
#1	8.009	49.66	.5583	-1.407	29.40	-3.660	2.810
#2	8.044	48.96	.7065	-1.251	28.56	-1.201	1.010

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.842	1.796
SDev	.813	1.754
%RSD	21.17	97.64
#1	-3.267	.5561
#2	-4.418	3.036

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1006	--	--	--	--	--	--
SDev	.4977887	--	--	--	--	--	--
%RSD	.0494765	--	--	--	--	--	--
#1	1006	--	--	--	--	--	--
#2	1006	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4835-F-2-A Operator:
Run Time: 08/21/09 18:45:56
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12540.	-2.885	2.770	176.2	.2198	-.2600	32120.
SDev	35.	3.267	.084	.1	.0088	.0074	37.
%RSD	.2763	113.2	3.037	.0459	4.018	2.833	.1145
#1	12560.	-5.195	2.830	176.2	.2261	-.2548	32150.
#2	12510.	-.5752	2.711	176.1	.2136	-.2652	32100.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.53	3.054	31.19	8456.	8880.	263.5	7.769
SDev	.22	.755	.39	15.	7.	.0	.541
%RSD	1.534	24.72	1.241	.1787	.0766	.0122	6.963
#1	14.37	2.520	30.92	8467.	8875.	263.6	8.151
#2	14.69	3.588	31.47	8446.	8885.	263.5	7.386
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4830.	1.129	7.663	2.330	66630.	.1207	26.52
SDev	6.	.522	1.395	1.679	.	1.032	.13
%RSD	.1278	46.21	18.20	72.06	.0001	854.7	.4955
#1	4826.	1.498	8.649	1.143	66630.	-.6087	26.61
#2	4834.	.7602	6.676	3.517	66630.	.8501	26.42
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.35	51.75	.8758	3.003	224.9	5.240	8.867
SDev	.73	.42	2.350	.843	.0	2.694	.746
%RSD	2.410	.8082	268.3	28.08	.0148	51.41	8.416
#1	30.86	52.05	2.538	3.600	224.9	7.145	9.395
#2	29.83	51.46	-.7860	2.407	224.9	3.335	8.340
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	5000.	2000.	5000.	2000.	20000.
Low	-30.00	-10.00	-10.00	-10.00	-10.00
Elem	1960/1	1960/2			
Units	ppb	ppb			
Avge	.1800	3.392			
SDev	.4853	2.759			
%RSD	269.6	81.33			
#1	.5232	1.441			
#2	-.1631	5.344			
Errors	NOCHECK	NOCHECK			
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1019	--	--	--	--	--	--
SDev	.6335649	--	--	--	--	--	--
%RSD	.0621630	--	--	--	--	--	--
#1	1020	--	--	--	--	--	--

#2	1019	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4835-F-3-A Operator:
Run Time: 08/21/09 18:52:10
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2708.	-1.253	.3827	207.0	.2100	-.3969	14640.
SDev	23.	1.753	.5565	1.8	.0526	.1985	166.
%RSD	.8548	139.9	145.4	.8719	25.07	50.02	1.132
#1	2692.	-2.493	.7762	205.8	.2472	-.2565	14520.
#2	2725.	-.0136	-.0108	208.3	.1728	-.5373	14760.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.575	8.566	2.667	9214.	10640.	166.7	3.551
SDev	.001	.434	.489	83.	92.	1.5	.268
%RSD	.0278	5.065	18.32	.9037	.8661	.9085	7.550

#1	3.575	8.259	3.013	9156.	10570.	165.7	3.361
#2	3.574	8.873	2.322	9273.	10700.	167.8	3.740
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2453.	1.524	.2762	1.211	62280.	.5653	4.360
SDev	51.	.061	.4615	1.790	558.	.6011	.619
%RSD	2.059	3.998	167.1	147.9	.8963	106.3	14.20
#1	2418.	1.567	-.0501	2.477	61880.	.9904	3.922
#2	2489.	1.481	.6025	-.0551	62670.	.1402	4.797
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.684	153.8	.4658	-2.819	56.29	.3413	.2407
SDev	.086	1.3	1.613	1.196	.61	5.143	1.874
%RSD	.8928	.8291	346.4	42.43	1.088	1507.	778.5
#1	9.623	154.7	1.607	-3.665	55.85	-3.295	1.566
#2	9.745	152.9	-.6751	-1.973	56.72	3.978	-1.084
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.870	3.238
SDev	5.984	5.672
%RSD	208.5	175.2
#1	-7.101	7.249
#2	1.361	-.7728
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1011	--	--	--	--	--	--
SDev	11.13270	--	--	--	--	--	--
%RSD	1.101497	--	--	--	--	--	--
#1	1019	--	--	--	--	--	--

□□Analysis Report 08/21/09 06:58:21 PM page 38

#2	1003	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4835-F-4-A Operator:
Run Time: 08/21/09 18:58:25
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3710.	-2.573	.5494	363.4	.1057	-.3188	44140.
SDev	42.	1.390	.7588	3.0	.0269	.1629	352.
%RSD	1.129	54.03	138.1	.8203	25.42	51.08	.7965
#1	3740.	-1.590	.0129	365.5	.0867	-.2037	44390.
#2	3681.	-3.555	1.086	361.3	.1247	-.4340	43890.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.714	2.482	35.46	30300.	27370.	422.7	6.355
SDev	.464	.004	.77	258.	249.	3.3	.190
%RSD	9.841	.1694	2.171	.8531	.9105	.7893	2.995
#1	5.042	2.485	36.01	30480.	27550.	425.0	6.489
#2	4.386	2.479	34.92	30120.	27190.	420.3	6.220
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5643.	7.740	2.342	.4806	81370.	1.244	6.832
SDev	47.	.009	1.353	.2474	433.	2.353	.233
%RSD	.8259	.1133	57.80	51.48	.5326	189.2	3.417
#1	5676.	7.734	3.299	.6556	81670.	2.908	6.667
#2	5610.	7.747	1.385	.3057	81060.	-.4203	6.998
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.03	41.80	1.181	3.148	85.13	.5582	3.228

□□Analysis Report 08/21/09 07:04:35 PM page 40

SDev	.57	1.08	1.145	2.077	3.44	1.381	2.718
%RSD	2.172	2.573	96.96	65.99	4.044	247.3	84.22
#1	26.43	42.57	1.990	4.617	87.57	-.4180	5.150
#2	25.63	41.04	.3712	1.679	82.70	1.534	1.306
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb

Avge	-2.318	1.868
SDev	.307	.524
%RSD	13.26	28.07
#1	-2.536	2.238
#2	-2.101	1.497
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1006	--	--	--	--	--	--
SDev	5.566351	--	--	--	--	--	--
%RSD	.5535353	--	--	--	--	--	--
#1	1002	--	--	--	--	--	--
#2	1010	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4835-F-5-A Operator:
Run Time: 08/21/09 19:04:38
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6534.	-4.229	3.389	613.5	.1198	-.5072	61340.
SDev	19.	2.137	1.885	1.6	.0332	.1940	70.
%RSD	.2965	50.53	55.60	.2622	27.72	38.25	.1138
#1	6520.	-2.718	4.722	612.4	.1433	-.6444	61290.
#2	6548.	-5.740	2.057	614.6	.0963	-.3700	61390.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.810	21.52	31.25	87540.	42030.	2069.	5.452
SDev	.679	.64	.48	123.	172.	8.	.814
%RSD	11.69	2.950	1.529	.1410	.4103	.3801	14.93
#1	6.290	21.97	30.92	87460.	41910.	2063.	6.027
#2	5.330	21.08	31.59	87630.	42150.	2074.	4.876
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3758.	.4097	-1.148	2.726	101300.	-2.219	8.493
SDev	18.	.1899	.265	.278	289.	2.911	.480
%RSD	.4828	46.36	23.10	10.21	.2849	131.2	5.648
#1	3771.	.5439	-1.336	2.529	101100.	-4.277	8.832
#2	3745.	.2754	-.9606	2.923	101500.	-.1607	8.154
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.892	246.0	.6261	2.312	109.9	-4.981	.7612
SDev	.022	.5	.5036	2.030	2.7	1.564	.3833
%RSD	.2490	.2072	80.42	87.81	2.474	31.40	50.35
#1	8.907	245.6	.2701	3.747	107.9	-6.087	1.032

#2	8.876	246.3	.9822	.8764	111.8	-3.875	.4901

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.765	5.457
SDev	3.718	1.439
%RSD	134.5	26.37
#1	-5.394	6.475
#2	-.1357	4.439

Errors	NOCHECK	NOCHECK
High		
Low		

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1014	--	--	--	--	--	--
SDev	2.172247	--	--	--	--	--	--
%RSD	.2143169	--	--	--	--	--	--
#1	1012	--	--	--	--	--	--
#2	1015	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4835-F-6-A Operator:
Run Time: 08/21/09 19:10:52
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5915.	-2.942	1.738	430.5	.0992	-.5077	35420.
SDev	4.	2.355	.125	.8	.0123	.1289	46.
%RSD	.0622	80.04	7.165	.1763	12.41	25.39	.1297
#1	5918.	-1.277	1.650	431.0	.0905	-.4166	35390.
#2	5913.	-4.608	1.826	430.0	.1079	-.5989	35450.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.443	9.170	32.66	26480.	28380.	1319.	6.504
SDev	.296	.070	.41	12.	23.	.	.313
%RSD	3.507	.7618	1.263	.0450	.0812	.0242	4.811
#1	8.234	9.121	32.37	26470.	28400.	1319.	6.283
#2	8.653	9.219	32.95	26490.	28360.	1319.	6.726

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4301.	.8306	2.394	3.280	70830.	-.2175	11.82
SDev	18.	.5130	1.133	.733	47.	.4928	.53
%RSD	.4077	61.76	47.33	22.35	.0663	226.6	4.504
#1	4288.	.4679	1.593	3.799	70790.	-.5660	11.44
#2	4313.	1.193	3.195	2.762	70860.	.1310	12.19

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.72	36.12	.7560	3.466	101.5	.6328	3.269
SDev	.26	1.20	.3771	.436	.2	.2264	1.812
%RSD	1.328	3.313	49.88	12.59	.2017	35.78	55.43
#1	19.90	35.28	.4894	3.158	101.4	.7929	1.988
#2	19.53	36.97	1.023	3.775	101.7	.4727	4.550

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.840	5.826
SDev	.815	.692
%RSD	44.29	11.88
#1	-1.263	6.316
#2	-2.416	5.337

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1022	--	--	--	--	--	--
SDev	1.357633	--	--	--	--	--	--
%RSD	.1328886	--	--	--	--	--	--
#1	1023	--	--	--	--	--	--
#2	1021	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4835-F-7-A Operator:
Run Time: 08/21/09 19:17:07
Comment: BAT E1
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	9250.	-2.932	21.52	643.9	.1372	-.3160	62710.
SDev	27.	.820	1.06	1.5	.0138	.1002	118.
%RSD	.2954	27.96	4.936	.2300	10.05	31.72	.1874
#1	9269.	-2.352	20.77	645.0	.1469	-.2451	62790.
#2	9231.	-3.512	22.27	642.9	.1274	-.3868	62630.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.972	6.436	25.69	31410.	23240.	757.7	6.862
SDev	.278	.236	.16	56.	37.	1.1	.089
%RSD	3.104	3.659	.6381	.1795	.1588	.1446	1.304
#1	8.775	6.603	25.57	31450.	23260.	758.5	6.798
#2	9.169	6.270	25.80	31370.	23210.	757.0	6.925

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14840.	1.530	2.537	-1.101	179800.	.1363	12.21
SDev	6.	.518	.072	.368	33.	2.028	.32
%RSD	.0397	33.87	2.822	33.43	.0182	1488.	2.594
#1	14830.	1.896	2.588	-.8409	179800.	-1.298	12.44
#2	14840.	1.163	2.487	-1.362	179800.	1.570	11.99
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.14	40.85	1.177	1.471	149.5	.7627	3.419
SDev	.31	.17	.370	1.924	.3	1.895	.839
%RSD	1.481	.4045	31.42	130.8	.2324	248.5	24.53
#1	21.37	40.73	.9157	.1108	149.7	2.103	2.826
#2	20.92	40.97	1.439	2.831	149.2	-.5773	4.012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.749	2.207
SDev	2.369	.631
%RSD	30.58	28.58
#1	-6.073	1.761
#2	-9.424	2.653
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1017	--	--	--	--	--	--
SDev	.6788381	--	--	--	--	--	--
%RSD	.0667286	--	--	--	--	--	--
#1	1017	--	--	--	--	--	--
#2	1018	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4835-F-8-A Operator:
Run Time: 08/21/09 19:23:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14470.	3.611	10.25	196.8	.4254	-.4412	32170.
SDev	17.	1.139	.76	.9	.0086	.0735	55.
%RSD	.1200	31.53	7.366	.4461	2.032	16.66	.1699
#1	14480.	2.806	10.79	197.5	.4193	-.4932	32210.
#2	14460.	4.416	9.719	196.2	.4315	-.3892	32130.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.11	4.102	48.09	60010.	37240.	389.7	16.75
SDev	.16	.231	.03	119.	40.	.4	.08
%RSD	.5874	5.636	.0657	.1984	.1082	.0950	.4532

#1	27.22	4.265	48.11	60100.	37270.	390.0	16.80
#2	26.99	3.938	48.07	59930.	37220.	389.5	16.70
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

□□Analysis Report 08/21/09 07:29:32 PM page 50

Avge	3045.	1.520	51.43	3.795	36230.	-1.883	38.60
SDev	8.	.292	.09	1.745	30.	2.593	.36
%RSD	.2640	19.23	.1783	45.99	.0823	137.7	.9339
#1	3051.	1.727	51.49	2.561	36210.	-3.716	38.35
#2	3040.	1.314	51.36	5.029	36250.	-.0496	38.86
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	94.48	122.1	5.100	7.901	417.0	50.51	51.88
SDev	.93	1.3	.582	.339	.5	.53	.40
%RSD	.9827	1.030	11.41	4.295	.1288	1.057	.7786
#1	95.13	121.2	4.689	8.141	417.4	50.13	52.16
#2	93.82	123.0	5.512	7.661	416.6	50.89	51.59
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.661	6.508
SDev	2.417	1.410
%RSD	145.6	21.66
#1	-3.370	5.511
#2	.0485	7.505
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1028	--	--	--	--	--	--
SDev	.6335649	--	--	--	--	--	--
%RSD	.0616481	--	--	--	--	--	--
#1	1027	--	--	--	--	--	--
#2	1028	--	--	--	--	--	--

□□ 08/21/09 07:35:47 PM page 52

Method: SW846 Sample Name: CCV 150234 Operator:
Run Time: 08/21/09 19:29:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	122400.	959.3	4824.	9685.	966.5	2418.	121800.
SDev	334.	1.4	3.	22.	1.5	7.	360.
%RSD	.2731	.1507	.0692	.2256	.1584	.2722	.2960
#1	122200.	960.3	4822.	9701.	965.4	2414.	121500.
#2	122600.	958.3	4827.	9670.	967.6	2423.	122000.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4909.	2456.	12260.	96940.	122200.	4934.	2421.
SDev	24.	14.	36.	161.	346.	29.	3.
%RSD	.4937	.5558	.2957	.1658	.2831	.5869	.1109
#1	4892.	2446.	12240.	96830.	122000.	4914.	2419.
#2	4926.	2466.	12290.	97060.	122500.	4955.	2423.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46950.	1218.	9707.	4825.	119400.	4872.	2476.
SDev	53.	3.	12.	4.	185.	14.	18.
%RSD	.1129	.2854	.1201	.0917	.1550	.2798	.7174
#1	46990.	1215.	9699.	4821.	119300.	4862.	2463.
#2	46910.	1220.	9715.	4828.	119500.	4882.	2488.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2432.	965.1	2431.	1007.	9769.	9792.	9665.
SDev	13.	.1	7.	8.	23.	72.	19.
%RSD	.5234	.0091	.2941	.7632	.2310	.7395	.1933
#1	2423.	965.2	2426.	1002.	9753.	9741.	9678.
#2	2441.	965.0	2436.	1013.	9785.	9843.	9652.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Units	ppb	ppb
Avge	4885.	4795.
SDev	38.	12.
%RSD	.7719	.2543
#1	4858.	4803.
#2	4912.	4786.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	996	--	--	--	--	--	--
SDev	.5883349	--	--	--	--	--	--
%RSD	.0590812	--	--	--	--	--	--
#1	996	--	--	--	--	--	--
#2	995	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 08/21/09 19:35:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-39.14	-3.561	-1.152	-.4925	-.0066	-.0142	-.5384
SDev	4.37	.709	.407	.0000	.0427	.0457	1.5188
%RSD	11.17	19.90	35.29	.0000	644.7	323.1	282.1
#1	-42.23	-4.062	-.8645	-.4925	.0236	-.0465	.5356
#2	-36.05	-3.060	-1.439	-.4925	-.0368	.0182	-1.612
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2736	.3359	2.332	-.5071	15.15	-.2838	-.2919
SDev	.2606	.1755	.897	5.2235	4.52	.0661	.2025
%RSD	95.25	52.26	38.45	1030.	29.83	23.30	69.40
#1	-.4578	.4600	2.966	3.186	18.34	-.3305	-.1486
#2	-.0893	.2117	1.698	-4.201	11.95	-.2370	-.4351

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-65.31	-.0616	.6114	.6901	-572.6	6.301	-.1488
SDev	1.96	.4071	.2410	1.533	17.3	1.879	.2196
%RSD	3.004	661.4	39.42	222.1	3.022	29.82	147.6
#1	-63.92	-.3494	.7818	1.774	-584.9	7.630	.0065
#2	-66.70	.2263	.4409	-.3938	-560.4	4.973	-.3041

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4542	.9423	1.537	-.6805	-.0656	-2.758	2.289
SDev	.2845	.3164	.802	1.4380	.3536	1.261	.268
%RSD	62.63	33.58	52.18	211.3	538.9	45.74	11.73
#1	-.2531	1.166	2.103	.3363	.1844	-1.866	2.099
#2	-.6554	.7186	.9696	-1.697	-.3157	-3.650	2.479
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.960	4.000
SDev	3.467	.568
%RSD	58.16	14.19
#1	-3.509	4.402
#2	-8.412	3.599
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1025	--	--	--	--	--	--
SDev	2.353253	--	--	--	--	--	--
%RSD	.2296663	--	--	--	--	--	--

#1	1026	--	--	--	--	--	--
#2	1023	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-C-1-A Operator:
Run Time: 08/21/09 19:42:04
Comment: BATCH
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7297.	-2.524	16.18	423.6	.1253	-.3313	38550.
SDev	8.	.200	1.89	.8	.0142	.0315	29.
%RSD	.1062	7.911	11.68	.1793	11.35	9.512	.0745
#1	7303.	-2.383	14.85	423.1	.1153	-.3090	38530.
#2	7292.	-2.665	17.52	424.1	.1354	-.3536	38570.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.963	16.95	34.06	86160.	30650.	2192.	8.675
SDev	.476	.71	.56	105.	33.	3.	.369
%RSD	5.315	4.165	1.630	.1214	.1064	.1564	4.258
#1	8.626	16.45	33.67	86080.	30680.	2195.	8.936
#2	9.300	17.45	34.46	86230.	30630.	2190.	8.413
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4163.	8.639	-.1985	4.212	58770.	-1.023	17.65
SDev	4.	.147	.3586	.565	208.	.621	.41
%RSD	.0934	1.702	180.7	13.40	.3532	60.74	2.318
#1	4166.	8.743	-.4520	4.612	58620.	-.5836	17.94
#2	4160.	8.535	.0551	3.813	58920.	-1.462	17.36
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.39	177.0	4.124	-.0252	133.7	-2.567	.9795
SDev	.13	1.3	.458	.2460	3.0	.980	.0482
%RSD	.4164	.7419	11.11	976.7	2.248	38.19	4.916

#1	31.30	176.0	3.800	.1488	135.8	-3.260	.9455
#2	31.48	177.9	4.447	-.1991	131.5	-1.874	1.014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.2549	6.433
SDev	2.6328	.468
%RSD	1033.	7.276
#1	1.607	6.102
#2	-2.117	6.763
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1022	--	--	--	--	--	--
SDev	.2262793	--	--	--	--	--	--
%RSD	.0221398	--	--	--	--	--	--
#1	1022	--	--	--	--	--	--
#2	1022	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-C-2-A Operator:
Run Time: 08/21/09 19:48:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2377.	-2.766	13.96	348.1	.0502	-.4726	32700.
SDev	5.	.886	.45	.8	.0285	.1559	30.
%RSD	.2248	32.04	3.249	.2394	56.71	32.99	.0931
#1	2373.	-3.393	14.28	347.5	.0704	-.5829	32670.
#2	2381.	-2.140	13.64	348.7	.0301	-.3624	32720.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.742	13.49	25.76	72450.	26330.	1896.	3.369
SDev	.158	.50	.65	62.	14.	1.	.086
%RSD	5.778	3.710	2.539	.0856	.0547	.0578	2.562
#1	2.854	13.14	26.23	72410.	26320.	1897.	3.308
#2	2.630	13.85	25.30	72490.	26340.	1895.	3.430
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3365.	1.120	-1.209	3.483	49680.	-.2801	5.841
SDev	19.	.015	.506	.028	22.	3.8705	.185
%RSD	.5503	1.350	41.89	.8088	.0439	1382.	3.165
#1	3352.	1.109	-1.567	3.503	49690.	-3.017	5.710
#2	3378.	1.131	-.8506	3.463	49660.	2.457	5.971
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.900	145.5	3.593	-.9639	43.20	-4.216	.2881
SDev	.884	.3	.006	1.9538	.74	.013	.7526
%RSD	18.04	.1760	.1635	202.7	1.703	.3105	261.2
#1	5.526	145.3	3.589	.4177	43.72	-4.225	-.2441
#2	4.275	145.6	3.597	-2.345	42.68	-4.206	.8203
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.005	6.213
SDev	.478	.281
%RSD	23.84	4.521
#1	-2.343	6.412

#2	-1.667	6.014
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1019	--	--	--	--	--	--
SDev	2.715266	--	--	--	--	--	--
%RSD	.2664282	--	--	--	--	--	--
#1	1021	--	--	--	--	--	--
#2	1017	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-C-3-A Operator:
Run Time: 08/21/09 19:54:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.14	-.6358	13.28	525.8	-.0072	-.4368	46390.
SDev	2.38	.0661	.84	.1	.0167	.2562	129.
%RSD	4.485	10.39	6.327	.0106	231.5	58.65	.2772
#1	51.46	-.6825	12.68	525.8	-.0191	-.2557	46480.
#2	54.83	-.5891	13.87	525.9	.0046	-.6179	46290.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4334	4.221	8.129	61840.	41370.	948.0	1.535
SDev	.0703	.823	.192	157.	16.	1.9	.254
%RSD	16.21	19.49	2.364	.2540	.0384	.2037	16.52
#1	-.4831	4.803	8.265	61950.	41380.	949.4	1.356
#2	-.3838	3.639	7.994	61730.	41360.	946.7	1.714
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4613.	.4339	-1.780	1.465	173700.	-1.623	.4587
SDev	3.	.4451	1.031	2.474	353.	.144	.1278
%RSD	.0561	102.6	57.92	168.9	.2033	8.869	27.86
#1	4611.	.7486	-2.508	3.215	173400.	-1.521	.5491
#2	4615.	.1191	-1.051	-.2848	173900.	-1.725	.3683
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.98	30.63	1.054	4.493	.5412	-4.275	-.5381
SDev	.22	.15	.266	1.394	.3206	.847	1.1226
%RSD	1.153	.4916	25.23	31.04	59.24	19.81	208.6
#1	18.82	30.73	1.242	3.507	.7678	-4.874	-1.332
#2	19.13	30.52	.8661	5.479	.3145	-3.676	.2557

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.127	3.747
SDev	1.110	3.156
%RSD	35.49	84.22
#1	-2.342	5.979
#2	-3.912	1.516

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1012	--	--	--	--	--	--
SDev	.7240680	--	--	--	--	--	--
%RSD	.0715369	--	--	--	--	--	--
#1	1012	--	--	--	--	--	--
#2	1013	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-C-5-A Operator:
Run Time: 08/21/09 20:00:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5515.	-2.816	46.54	385.3	.2674	-.6094	78390.
SDev	16.	3.337	1.15	.4	.0338	.0624	51.
%RSD	.2887	118.5	2.471	.1090	12.65	10.24	.0653

#1	5526.	-.4564	47.36	385.6	.2435	-.6536	78350.
#2	5504.	-5.175	45.73	385.0	.2913	-.5653	78430.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.112	137.4	31.75	106600.	61740.	930.5	8.773
SDev	.534	.2	.25	35.	37.	.6	.201
%RSD	7.515	.1413	.7937	.0332	.0592	.0597	2.287
#1	6.734	137.5	31.57	106600.	61770.	930.9	8.632
#2	7.490	137.3	31.92	106600.	61720.	930.2	8.915

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4272.	.4931	-.2133	1.806	98220.	-3.382	12.78
SDev	15.	.1812	.0107	.684	26.	4.395	.53
%RSD	.3434	36.74	5.002	37.85	.0260	130.0	4.184
#1	4262.	.6212	-.2057	1.323	98200.	-.2740	12.40
#2	4283.	.3650	-.2208	2.290	98240.	-6.490	13.16

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.31	176.1	.5451	2.484	128.3	-2.738	1.043
SDev	.71	1.0	.5923	1.999	1.0	.631	.331
%RSD	4.340	.5610	108.7	80.45	.7487	23.05	31.75
#1	15.81	175.4	.9639	1.071	127.6	-3.184	1.277
#2	16.81	176.8	.1263	3.897	128.9	-2.292	.8087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.6292	3.012
SDev	1.2779	.387
%RSD	203.1	12.85
#1	-1.533	2.738
#2	.2744	3.286
Errors	NOCHECK	NOCHECK
High		

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1022	--	--	--	--	--	--
SDev	2.036471	--	--	--	--	--	--
%RSD	.1992664	--	--	--	--	--	--
#1	1023	--	--	--	--	--	--
#2	1021	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-C-6-A Operator:
Run Time: 08/21/09 20:07:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.039	-2.349	-1.540	2.356	.0004	-.2431	311.9
SDev	2.266	1.546	2.709	.001	.0386	.0363	2.1
%RSD	44.96	65.83	175.9	.0378	10240.	14.95	.6831
#1	-3.437	-3.442	.3758	2.355	.0276	-.2174	313.4
#2	-6.641	-1.255	-3.456	2.357	-.0269	-.2687	310.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2183	.6174	1.745	24.62	157.9	-.2357	-.4317
SDev	.1912	.0005	.366	4.54	8.4	.0003	.6170
%RSD	87.58	.0757	20.99	18.42	5.336	.1368	142.9
#1	-.3534	.6177	2.004	27.83	163.9	-.2359	.0046
#2	-.0831	.6170	1.486	21.42	151.9	-.2355	-.8680
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.68	-.3804	.3799	.8804	426.5	1.587	-.3514
SDev	7.04	.3002	.6569	.5383	111.1	3.192	.3431
%RSD	14.16	78.91	172.9	61.14	26.05	201.2	97.63

#1	54.65	-.1681	-.0846	.4998	348.0	3.843	-.5940
#2	44.70	-.5926	.8444	1.261	505.1	-.6702	-.1088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.464	2.090	.7990	-1.950	-.3761	-2.538	1.832
SDev	.122	.772	.4413	1.245	.0715	2.165	.096
%RSD	8.329	36.94	55.24	63.85	19.01	85.30	5.241
#1	1.378	2.636	1.111	-1.070	-.3255	-4.069	1.900
#2	1.550	1.544	.4869	-2.831	-.4267	-1.007	1.764
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.043	1.831					
SDev	.633	.491					
%RSD	60.65	26.83					
#1	-1.491	1.483					
#2	-.5959	2.178					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1013	--	--	--	--	--	--
SDev	.3167824	--	--	--	--	--	--
%RSD	.0312631	--	--	--	--	--	--
#1	1014	--	--	--	--	--	--
#2	1013	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-C-7-A Operator:
Run Time: 08/21/09 20:13:15
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	192.9	-1.338	.2092	705.2	.0731	-.6572	92550.
SDev	10.2	.089	2.564	.2	.0069	.1262	3.
%RSD	5.276	6.654	1226.	.0318	9.421	19.20	.0032
#1	200.0	-1.275	2.022	705.4	.0682	-.7464	92550.
#2	185.7	-1.401	-1.604	705.0	.0780	-.5680	92550.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5705	.4980	6.594	H248800.	98620.	H20970.	2.730
SDev	.5553	.5875	.153	62.	.	8.	.799
%RSD	97.33	118.0	2.327	.0248	.0000	.0392	29.28
#1	.1779	.9134	6.486	H248800.	98620.	H20980.	3.295
#2	.9632	.0826	6.703	H248800.	98620.	H20960.	2.165

Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC High	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4584.	.3926	L-8.184	4.536	130900.	L-13.34	2.332
SDev	22.	.2872	.351	1.259	27.	5.36	.023
%RSD	.4819	73.14	4.286	27.75	.0207	40.17	.9859
#1	4599.	.1895	L-8.432	5.426	130900.	L-17.13	2.315
#2	4568.	.5956	L-7.936	3.646	130900.	-9.549	2.348

Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Low	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.83	41.47	-.2608	1.377	2.181	-8.502	-8.029
SDev	.64	.80	.5287	1.497	.113	.983	.035
%RSD	1.842	1.934	202.7	108.7	5.196	11.57	.4349
#1	35.28	40.90	.1131	2.436	2.261	-9.198	-8.054
#2	34.37	42.04	-.6346	.3188	2.101	-7.807	-8.005

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.4631	6.559
SDev	2.232	.773

%RSD	481.9	11.78
#1	2.041	7.106
#2	-1.115	6.013

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1009	--	--	--	--	--	--
SDev	3.213098	--	--	--	--	--	--
%RSD	.3183453	--	--	--	--	--	--
#1	1007	--	--	--	--	--	--
#2	1012	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4880-I-2-A Operator:
Run Time: 08/21/09 20:19:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.21	-3.348	.5173	-.4925	.0288	-.1186	110.6
SDev	4.70	.458	.9898	.0000	.0089	.1128	.2
%RSD	28.98	13.68	191.3	.0000	30.86	95.06	.1804
#1	12.89	-3.024	1.217	-.4925	.0225	-.0389	110.5
#2	19.53	-3.672	-.1826	-.4925	.0351	-.1983	110.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2871	.2466	2.896	12.31	22.93	.4152	.1116
SDev	.2383	.1757	.187	2.24	6.50	.1318	.5469
%RSD	82.98	71.24	6.462	18.24	28.33	31.74	489.9
#1	-.1186	.1224	3.028	10.72	27.52	.5084	.4983
#2	-.4556	.3709	2.764	13.89	18.33	.3221	-.2751
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-13.04	.5302	-.0550	.2537	-358.3	-.7431	-.1668
SDev	2.67	.0717	.1261	2.473	28.0	1.4222	.1934
%RSD	20.51	13.53	229.5	974.8	7.823	191.4	115.9
#1	-11.15	.5809	.0342	-1.495	-338.4	.2626	-.0301
#2	-14.93	.4795	-.1441	2.002	-378.1	-1.749	-.3036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.546	8.890	.0139	-2.723	-.2718	-2.136	.9797
SDev	.392	.006	.2282	2.262	.2122	1.145	.3825
%RSD	15.40	.0665	1637.	83.08	78.04	53.59	39.04
#1	2.824	8.895	.1753	-4.323	-.1218	-1.327	.7093
#2	2.269	8.886	-.1474	-1.123	-.4219	-2.946	1.250
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.853	2.793
SDev	.808	3.304
%RSD	16.65	118.3
#1	-5.424	.4564
#2	-4.282	5.129
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1016	--	--	--	--	--	--
SDev	.6335649	--	--	--	--	--	--
%RSD	.0623313	--	--	--	--	--	--
#1	1016	--	--	--	--	--	--
#2	1017	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 150206 Operator:
Run Time: 08/21/09 20:25:44
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502300.	-.7872	.4591	.4730	-.0877	.8133	472900.
SDev	1426.	3.8824	2.627	.0476	.0152	.3324	599.
%RSD	.2838	493.2	572.3	10.06	17.28	40.88	.1267

#1	501300.	1.958	-1.399	.5066	-.0770	.5782	472500.
#2	503300.	-3.532	2.317	.4393	-.0984	1.048	473400.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	10.00	10.00	20.00	5.000	4.000	600000.
Low	400000.	-10.00	-10.00	-20.00	-5.000	-4.000	400000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0909	3.049	-.4535	203300.	537600.	-1.976	-.0536
SDev	.7002	.006	.3964	18.	1039.	.009	.3361
%RSD	770.3	.2007	87.41	.0086	.1933	.4707	626.6
#1	-.5860	3.045	-.7338	203300.	536900.	-1.983	-.2913
#2	.4042	3.053	-.1732	203400.	538400.	-1.969	.1840
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	5.000	20.00	240000.	600000.	9.900	10.00
Low	-10.00	-5.000	-10.00	160000.	400000.	-9.900	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.94	-.6820	-.4253	-4.477	-730.1	-1.641	2.448
SDev	4.05	.5680	1.9068	.712	195.0	2.992	.458
%RSD	20.29	83.28	448.3	15.90	26.71	182.3	18.69
#1	17.08	-.2804	-1.774	-4.980	-592.2	.4748	2.124
#2	22.80	-1.084	.9230	-3.974	-868.0	-3.757	2.772
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	6.000	10.00	1000.	10.00	10.00
Low	-1000.	-10.00	-6.000	-10.00	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.322	-.7768	-2.349	-4.410	-5.211	4.614	-2.946
SDev	.952	.2687	.404	4.619	.129	2.333	1.694
%RSD	71.99	34.60	17.18	104.7	2.467	50.56	57.51
#1	-.6492	-.9668	-2.063	-1.144	-5.120	2.964	-4.144
#2	-1.996	-.5867	-2.634	-7.676	-5.302	6.263	-1.748
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	20.00	15.00	20.00	40.00	20.00
Low	-20.00	-15.00	-20.00	-40.00	-20.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.284	-5.583
SDev	7.878	5.000
%RSD	345.0	89.56
#1	3.287	-9.118
#2	-7.854	-2.047
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	961	--	--	--	--	--	--
SDev	2.986818	--	--	--	--	--	--
%RSD	.3108575	--	--	--	--	--	--
#1	963	--	--	--	--	--	--
#2	959	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 150230 Operator:
Run Time: 08/21/09 20:31:58

Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492000.	98.56	100.7	105.8	96.70	99.10	459600.
SDev	497.	.58	2.9	.5	.17	.06	257.
%RSD	.1011	.5874	2.866	.4816	.1749	.0577	.0559
#1	492300.	98.15	102.8	106.1	96.59	99.06	459500.
#2	491600.	98.97	98.70	105.4	96.82	99.14	459800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	100.1	102.7	109.9	197700.	524300.	99.82	96.00
SDev	.4	.3	.2	230.	305.	.43	.77
%RSD	.3781	.2749	.1930	.1164	.0581	.4348	.8073

#1	100.4	102.9	110.1	197500.	524500.	99.51	96.55
#2	99.82	102.5	109.8	197900.	524100.	100.1	95.45
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11200.	104.2	98.54	95.78	10920.	94.24	103.1
SDev	18.	.2	2.20	2.05	89.	3.63	.5
%RSD	.1603	.2166	2.230	2.141	.8140	3.852	.4436
#1	11190.	104.3	100.1	94.33	10860.	91.67	103.4
#2	11220.	104.0	96.99	97.23	10990.	96.81	102.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	98.55	98.92	101.4	99.40	99.01	100.2	97.70
SDev	2.29	1.13	.7	1.28	.01	2.5	4.56
%RSD	2.321	1.138	.6550	1.286	.0100	2.527	4.666
#1	96.94	98.12	100.9	100.3	99.01	98.43	100.9
#2	100.2	99.72	101.8	98.50	99.00	102.0	94.48
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	98.24	94.54
SDev	10.47	2.15
%RSD	10.66	2.278
#1	90.84	96.06
#2	105.6	93.02
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	970	--	--	--	--	--	--
SDev	3.122595	--	--	--	--	--	--
%RSD	.3218055	--	--	--	--	--	--
#1	973	--	--	--	--	--	--

#2	968	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 150234 Operator:
Run Time: 08/21/09 20:38:12
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124500.	981.7	4917.	9891.	981.9	2456.	123700.
SDev	42.	.1	18.	13.	.1	3.	2.
%RSD	.0337	.0151	.3702	.1314	.0082	.1246	.0014
#1	124400.	981.6	4905.	9881.	981.8	2454.	123700.
#2	124500.	981.8	4930.	9900.	981.9	2458.	123700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4966.	2488.	12460.	98680.	124200.	4991.	2460.
SDev	4.	2.	11.	36.	107.	1.	1.
%RSD	.0707	.0931	.0864	.0361	.0861	.0185	.0569
#1	4968.	2487.	12450.	98650.	124100.	4991.	2459.
#2	4963.	2490.	12470.	98700.	124300.	4990.	2461.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47960.	1237.	9841.	4902.	121300.	4952.	2497.
SDev	12.	4.	39.	9.	192.	15.	1.
%RSD	.0246	.3028	.3965	.1834	.1585	.3126	.0285
#1	47950.	1234.	9869.	4908.	121200.	4941.	2497.
#2	47970.	1240.	9814.	4895.	121500.	4963.	2496.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2461.	981.8	2464.	1006.	9913.	9903.	9810.

SDev	2.	1.4	4.	.	4.	24.	47.
%RSD	.0862	.1435	.1586	.0376	.0440	.2409	.4749
#1	2462.	980.8	2466.	1007.	9910.	9920.	9843.
#2	2459.	982.8	2461.	1006.	9916.	9886.	9777.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4938.	4884.
SDev	8.	10.
%RSD	.1590	.1958

#1	4943.	4891.
#2	4932.	4877.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	992	--	--	--	--	--	--
SDev	.4977887	--	--	--	--	--	--
%RSD	.0501949	--	--	--	--	--	--

#1	992	--	--	--	--	--	--
#2	991	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 08/21/09 20:44:27
Comment: DILUTIONS OF LCSW
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.58	-1.773	-.4763	-.4925	.0221	-.1231	5.059
SDev	1.23	2.964	.8188	.0000	.0034	.0037	.549
%RSD	5.958	167.2	171.9	.0000	15.35	2.980	10.86

#1	19.72	-3.868	.1027	-.4925	.0245	-.1257	5.447
#2	21.45	.3232	-1.055	-.4925	.0197	-.1205	4.670

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	□□Analysis

High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0160	.2857	.9639	10.21	16.95	-.2328	.1370
SDev	.0014	.2333	.0080	5.29	4.56	.0008	.4271
%RSD	8.764	81.66	.8289	51.86	26.87	.3427	311.7

#1	-.0150	.4506	.9696	13.95	20.18	-.2322	.4390
#2	-.0170	.1207	.9583	6.465	13.73	-.2333	-.1650

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-37.79	.1132	.2896	1.510	-608.3	2.596	-.5622
SDev	10.60	.3890	1.212	1.850	285.7	1.192	.2812
%RSD	28.05	343.6	418.6	122.5	46.97	45.94	50.02

#1	-30.29	.3883	1.147	.2018	-406.3	3.439	-.3633
#2	-45.28	-.1619	-.5676	2.818	-810.3	1.753	-.7611

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.766	.6784	.0603	-1.830	.0523	-3.631	2.243
SDev	.013	.8354	.4899	2.961	.1055	1.753	.942
%RSD	.7418	123.1	811.9	161.8	201.6	48.27	42.02

#1	1.775	.0877	.4068	.2635	.1269	-2.392	2.909
#2	1.757	1.269	-.2861	-3.924	-.0223	-4.870	1.576

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		

Low	-30.00	-50.00	-20.00	-50.00	-20.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.220	3.860
SDev	.284	2.915
%RSD	8.813	75.50
#1	-3.019	1.799
#2	-3.420	5.922
Errors	NOCHECK	NOCHECK
High		
Low		

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1013	--	--	--	--	--	--
SDev	1.945968	--	--	--	--	--	--
%RSD	.1920221	--	--	--	--	--	--
#1	1012	--	--	--	--	--	--
#2	1015	--	--	--	--	--	--

BATCH#:14929V1: METHOD:6010B

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV 150234	14929V1	SW846	08/24/09	17:11		S	CONC
2	ICB	14929V1	SW846	08/24/09	17:18		S	CONC
3	ICSA 150206	14929V1	SW846	08/24/09	17:24		S	CONC
4	ICSAB 150230	14929V1	SW846	08/24/09	17:30		S	CONC
5	INT-20	14929V1	SW846	08/24/09	17:36		S	CONC
6	REPLIM	14929V1	SW846	08/24/09	17:43		S	CONC
7	MB 460-14929/1-A@2	14929V1	SW846	08/24/09	17:49		S	CONC
8	LCSSRM 460-14929/2-A	14929V1	SW846	08/24/09	17:55		S	CONC
9	460-4915-C-1-C DU@4	14929V1	SW846	08/24/09	18:01		S	CONC
10	460-4915-C-1-B@4	14929V1	SW846	08/24/09	18:07		S	CONC
11	SD 460-4915-C-1-B@20	14929V1	SW846	08/24/09	18:14		S	CONC
12	460-4915-C-1-D MS@4	14929V1	SW846	08/24/09	18:20		S	CONC
13	CCV 150234	14929V1	SW846	08/24/09	18:26		S	CONC
14	CCB	14929V1	SW846	08/24/09	18:32		S	CONC
15	460-4707-A-1-H@4	14929V1	SW846	08/24/09	18:39		S	CONC
16	460-4862-I-5-B@4	14929V1	SW846	08/24/09	18:45		S	CONC
17	460-4862-I-6-B@4	14929V1	SW846	08/24/09	18:51		S	CONC
18	460-4862-I-7-B@4	14929V1	SW846	08/24/09	18:57		S	CONC
19	460-4862-I-8-B@4	14929V1	SW846	08/24/09	19:04		S	CONC
20	460-4862-I-9-B@4	14929V1	SW846	08/24/09	19:10		S	CONC
21	460-4677-A-1-B@4	14929V1	SW846	08/24/09	19:16		S	CONC
22	460-4677-B-3-A@4	14929V1	SW846	08/24/09	19:22		S	CONC
23	460-4677-B-4-A@4	14929V1	SW846	08/24/09	19:29		S	CONC
24	460-4677-B-5-A@4	14929V1	SW846	08/24/09	19:35		S	CONC
25	CCV 150234	14929V1	SW846	08/24/09	19:41		S	CONC
26	CCB	14929V1	SW846	08/24/09	19:47		S	CONC
27	460-4677-A-6-B@4	14929V1	SW846	08/24/09	19:54		S	CONC
28	460-4677-A-7-B@4	14929V1	SW846	08/24/09	20:00		S	CONC
29	460-4783-A-1-E@4	14929V1	SW846	08/24/09	20:06		S	CONC
30	460-4783-A-2-E@4	14929V1	SW846	08/24/09	20:12		S	CONC
31	460-4784-A-1-C@4	14929V1	SW846	08/24/09	20:18		S	CONC
32	460-4784-A-2-C@4	14929V1	SW846	08/24/09	20:25		S	CONC
33	460-4823-A-1-E@4	14929V1	SW846	08/24/09	20:31		S	CONC
34	460-4823-A-2-M@4	14929V1	SW846	08/24/09	20:37		S	CONC
35	460-4825-A-1-G@4	14929V1	SW846	08/24/09	20:43		S	CONC
36	460-4869-C-7-A@3	14929V1	SW846	08/24/09	20:50		S	CONC
37	CCV 150234	14929V1	SW846	08/24/09	20:56		S	CONC
38	CCB	14929V1	SW846	08/24/09	21:02		S	CONC
39	ICSA 150206	14929V1	SW846	08/24/09	21:08		S	CONC
40	ICSAB 150230	14929V1	SW846	08/24/09	21:15		S	CONC
41	CCV 150234	14929V1	SW846	08/24/09	21:21		S	CONC
42	CCB	14929V1	SW846	08/24/09	21:27		S	CONC

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 150234	124400.	998.6	4948.	10050.	1000.	2494.
2	ICB	20.34	1.376	2.074	1.294	.1384	.3962
3	ICSA 150206	492300.	4.191	.2100	.8146	-.0840	-.8179
4	ICSAB 150230	478900.	102.2	100.8	106.1	96.36	97.18
5	INT-20	54.38	-4.739	-2.007	19850.	1.664	-.0092
6	REPLIM	199.7	9.542	3.874	205.4	1.974	4.269
7	MB 460-14929/1-A@2	-.6646	.1290	-2.492	-.5233	-.1031	-.1601
8	LCSSRM 460-14929/2-A	43530.	421.5	509.3	1031.	383.8	297.9
9	460-4915-C-1-C DU@4	24840.	-.9173	1.038	81.97	1.410	-.5069
10	460-4915-C-1-B@4	28840.	.9683	3.144	112.9	1.516	-.4782
11	SD 460-4915-C-1-B@20	5656.	.6313	-1.877	21.26	.3023	-.1412
12	460-4915-C-1-D MS@4	40670.	153.3	953.8	1115.	27.08	24.96
13	CCV 150234	123900.	1003.	4949.	10070.	999.0	2494.
14	CCB	6.183	-.1610	-.5397	-.2855	-.0202	.0062
15	460-4707-A-1-H@4	31090.	4.276	100.3	377.1	1.840	.3223
16	460-4862-I-5-B@4	35940.	4.909	41.90	489.6	4.836	-.5861
17	460-4862-I-6-B@4	34470.	1.592	18.89	455.3	2.386	-.0997
18	460-4862-I-7-B@4	25510.	7.341	49.56	405.4	3.339	1.358
19	460-4862-I-8-B@4	24740.	2.422	27.93	338.8	2.154	-.2259
20	460-4862-I-9-B@4	18250.	2.390	36.73	452.5	2.473	.1909
21	460-4677-A-1-B@4	27560.	3.283	44.46	337.7	1.713	1.219
22	460-4677-B-3-A@4	36100.	6.024	19.84	500.6	1.903	2.060

23	460-4677-B-4-A@4	47400.	2.093	12.52	286.0	1.549	2.709
24	460-4677-B-5-A@4	27700.	15.47	52.88	644.7	1.602	3.197
25	CCV 150234	123100.	1004.	4953.	10110.	996.3	2489.
26	CCB	-12.29	1.272	-1.258	-.2862	-.0166	-.0078
27	460-4677-A-6-B@4	18330.	2.831	37.89	434.3	1.572	.1565
28	460-4677-A-7-B@4	20170.	5.251	40.27	929.7	1.450	5.995
29	460-4783-A-1-E@4	29150.	1.876	15.80	169.4	1.444	.5992
30	460-4783-A-2-E@4	42960.	-1.115	26.45	242.1	2.049	.1415
31	460-4784-A-1-C@4	30600.	2.751	15.70	584.2	2.112	6.300
32	460-4784-A-2-C@4	3803.	1.707	1.145	7.806	.0433	-.3635
33	460-4823-A-1-E@4	2138.	.3731	-.7315	6.176	.0947	-.3630
34	460-4823-A-2-M@4	32110.	2.418	32.57	874.6	2.052	4.164
35	460-4825-A-1-G@4	28170.	1.284	20.05	37.95	4.697	-1.147
36	460-4869-C-7-A@3	79.31	-.9451	.5968	242.2	-.0507	-1.179
37	CCV 150234	123200.	979.5	4858.	9867.	982.9	2459.
38	CCB	11.96	-.4353	.2358	-.2160	-.0310	-.0161
39	ICSA 150206	488400.	-2.938	-1.831	.4007	-.1553	-1.300
40	ICSAB 150230	480600.	102.9	100.4	107.0	96.58	97.47
41	CCV 150234	121700.	978.8	4847.	9836.	975.1	2441.
42	CCB	22.65	-.4521	-1.228	-.0807	.0060	-.0081

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 150234	125400.	4998.	2497.	12450.	100300.	125000.
2	ICB	3.979	.8172	.1734	1.593	21.07	33.39
3	ICSA 150206	468600.	.4547	2.752	3.348	202300.	528100.
4	ICSAB 150230	456500.	97.45	99.26	105.1	196900.	511700.
5	INT-20	33.49	20460.	20080.	-2.717	-108.4	27.78
6	REPLIM	5103.	11.06	50.59	24.75	159.6	4824.
7	MB 460-14929/1-A@2	2.116	.2525	-.6874	.2433	4.384	4.591

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
8	LCSSRM 460-14929/2-A	49180.	1149.	459.8	865.2	93010.	18420.
9	460-4915-C-1-C DU@4	592.7	84.02	21.11	21.68	23710.	1656.
10	460-4915-C-1-B@4	778.1	92.78	28.12	25.88	33930.	1872.
11	SD 460-4915-C-1-B@20	147.0	17.45	5.202	4.790	6578.	365.8
12	460-4915-C-1-D MS@4	10970.	218.9	281.1	154.2	31260.	11820.
13	CCV 150234	125000.	4982.	2482.	12430.	100100.	124700.
14	CCB	-16.03	.0322	-.1120	-.0348	6.337	11.87
15	460-4707-A-1-H@4	47390.	140.7	20.84	156.2	61790.	16110.
16	460-4862-I-5-B@4	16610.	72.33	178.2	648.7	111400.	6782.
17	460-4862-I-6-B@4	57890.	68.88	28.09	156.6	72460.	14720.
18	460-4862-I-7-B@4	134500.	58.12	28.69	259.4	110000.	22220.
19	460-4862-I-8-B@4	59640.	75.47	35.15	141.4	99180.	33520.
20	460-4862-I-9-B@4	127500.	44.90	47.51	441.7	75030.	44410.
21	460-4677-A-1-B@4	82770.	58.53	17.22	147.8	50440.	8706.
22	460-4677-B-3-A@4	23240.	67.78	31.79	424.8	87170.	19110.
23	460-4677-B-4-A@4	12520.	93.29	14.11	68.01	69670.	4253.
24	460-4677-B-5-A@4	42100.	52.31	23.83	376.4	95430.	4009.
25	CCV 150234	124700.	4938.	2457.	12350.	99920.	124300.
26	CCB	-13.78	-.1041	-.3082	.5775	-3.009	4.744
27	460-4677-A-6-B@4	8889.	54.52	21.50	142.3	40000.	7625.
28	460-4677-A-7-B@4	8878.	52.94	18.73	773.5	50090.	2996.
29	460-4783-A-1-E@4	12380.	67.58	20.22	94.12	58410.	6973.
30	460-4783-A-2-E@4	11200.	95.25	28.37	116.3	82810.	9452.
31	460-4784-A-1-C@4	9975.	87.24	23.48	309.5	57140.	8751.
32	460-4784-A-2-C@4	406.2	10.95	-.3010	7.727	20320.	74.09
33	460-4823-A-1-E@4	119.3	11.13	.4294	2.619	7327.	53.10
34	460-4823-A-2-M@4	9320.	80.29	30.39	323.4	65570.	9436.
35	460-4825-A-1-G@4	3310.	529.3	6.731	10.83	66030.	7343.
36	460-4869-C-7-A@3	32020.	-.4041	-.4210	1.703	86130.	32760.
37	CCV 150234	123500.	4957.	2483.	12380.	98600.	124100.
38	CCB	-16.00	-.1448	.0043	.1343	.2224	4.986
39	ICSA 150206	467100.	.1390	2.348	2.356	201900.	526800.
40	ICSAB 150230	457700.	97.87	98.78	105.3	197500.	515500.
41	CCV 150234	122400.	4889.	2449.	12220.	97840.	122300.
42	CCB	23.39	-.0973	-.4423	.2415	3.328	19.09

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960

1	ICV 150234	4987.	2502.	47540.	1249.	9961.	4932.
2	ICB	.6950	.9021	40.39	.5936	2.010	2.439
3	ICSA 150206	-1.668	-.6738	29.07	-.6990	-.1030	-2.613
4	ICSAB 150230	96.39	96.65	11030.	102.9	100.1	101.1
5	INT-20	19330.	4.137	90.57	-2.048	-1.785	-4.930
6	REPLIM	16.04	40.43	4689.	9.427	5.449	2.737
7	MB 460-14929/1-A@2	-.0733	.1261	16.70	-.0647	1.416	.3916
8	LCSSRM 460-14929/2-A	2760.	678.4	18330.	144.5	422.6	1356.
9	460-4915-C-1-C DU@4	145.5	22.27	733.5	.3424	15.92	2.226
10	460-4915-C-1-B@4	149.8	26.48	885.2	-.0536	19.22	3.053
11	SD 460-4915-C-1-B@20	28.59	4.853	188.2	-.2487	2.897	2.057
12	460-4915-C-1-D MS@4	415.5	283.5	9799.	23.82	270.3	932.9
13	CCV 150234	4964.	2505.	47720.	1247.	9946.	4931.
14	CCB	-.0297	.3541	18.48	.0290	.5736	-.7189
15	460-4707-A-1-H@4	836.5	45.31	2339.	.4044	654.4	1.392

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
16	460-4862-I-5-B@4	2601.	111.9	2936.	.6330	1267.	3.471
17	460-4862-I-6-B@4	1033.	49.76	2937.	2.126	688.7	2.474
18	460-4862-I-7-B@4	1626.	52.94	3854.	.0286	694.0	2.381
19	460-4862-I-8-B@4	1033.	52.98	2660.	.0199	711.0	5.866
20	460-4862-I-9-B@4	863.2	63.34	2647.	.3404	932.1	5.238
21	460-4677-A-1-B@4	1499.	36.74	2104.	.2446	298.8	.6746
22	460-4677-B-3-A@4	1429.	83.03	3234.	.2167	1473.	2.689
23	460-4677-B-4-A@4	492.1	35.07	1030.	-.2954	191.1	4.565
24	460-4677-B-5-A@4	1747.	50.53	1901.	.4384	10290.	11.24
25	CCV 150234	4913.	2502.	47920.	1244.	9922.	4920.
26	CCB	-.1237	.0010	-17.76	-.5198	.9624	.5860
27	460-4677-A-6-B@4	831.2	83.29	4423.	-.2461	378.4	3.712
28	460-4677-A-7-B@4	943.8	54.80	3262.	10.16	2463.	5.865
29	460-4783-A-1-E@4	898.3	42.83	1343.	-.0160	246.6	5.117
30	460-4783-A-2-E@4	1481.	58.94	1717.	-.1344	320.2	2.958
31	460-4784-A-1-C@4	1126.	62.54	2031.	.8228	1003.	6.254
32	460-4784-A-2-C@4	7.017	1.060	231.4	.1431	5.437	1.149
33	460-4823-A-1-E@4	24.76	1.036	17.53	-.0941	7.222	-.8038
34	460-4823-A-2-M@4	1201.	74.45	2377.	1.212	1961.	2.755
35	460-4825-A-1-G@4	85.47	19.34	15440.	-.8112	16.86	-2.623
36	460-4869-C-7-A@3	7351.	.8578	1477.	.0854	-4.075	2.668
37	CCV 150234	4971.	2462.	47290.	1236.	9875.	4871.
38	CCB	-.1639	.2429	12.51	.1886	-.0154	-1.285
39	ICSA 150206	-1.900	-.4317	32.52	-1.080	1.125	-3.667
40	ICSAB 150230	96.83	97.11	11180.	102.8	99.57	96.64
41	CCV 150234	4899.	2442.	46970.	1222.	9774.	4851.
42	CCB	.0646	.4332	29.99	.2654	.3590	.2339

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 150234	120900.	4993.	2489.	2490.	1001.	2502.
2	ICB	-113.5	-.0467	.7993	-.0549	1.416	.2590
3	ICSA 150206	-631.9	-1.512	3.640	-1.676	.0158	.0241
4	ICSAB 150230	10740.	94.66	100.6	96.01	98.57	98.86
5	INT-20	-270.1	3.784	19830.	5055.	9577.	9831.
6	REPLIM	5139.	9.264	51.25	32.54	55.28	20.59
7	MB 460-14929/1-A@2	-249.0	-3.350	.3659	.7847	2.793	-.2366
8	LCSSRM 460-14929/2-A	5212.	610.5	564.6	3058.	659.7	253.3
9	460-4915-C-1-C DU@4	-140.8	-2.155	76.67	37.88	2.928	1.481
10	460-4915-C-1-B@4	-52.76	-.9555	104.9	43.27	3.161	1.787
11	SD 460-4915-C-1-B@20	-360.9	-1.218	20.28	7.826	.0612	.8158
12	460-4915-C-1-D MS@4	10160.	989.8	356.4	313.1	236.2	250.5
13	CCV 150234	120900.	4996.	2478.	2477.	1001.	2495.
14	CCB	-474.4	.4341	-.0535	-1.012	.6900	-.1089
15	460-4707-A-1-H@4	528.1	-1.827	94.69	960.7	8.499	4.760
16	460-4862-I-5-B@4	396.4	-1.419	94.64	481.4	16.72	5.622
17	460-4862-I-6-B@4	190.6	-4.462	103.3	713.9	9.496	2.966
18	460-4862-I-7-B@4	504.2	-2.739	79.95	1446.	24.37	5.129
19	460-4862-I-8-B@4	305.3	-7.329	106.7	534.7	7.333	4.001
20	460-4862-I-9-B@4	921.1	-1.547	54.79	370.2	29.90	6.010
21	460-4677-A-1-B@4	712.8	-3.343	71.90	1591.	26.11	5.577
22	460-4677-B-3-A@4	988.4	-5.041	141.7	1121.	38.25	4.470
23	460-4677-B-4-A@4	302.6	-2.949	126.7	2143.	7.089	3.558

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
24	460-4677-B-5-A@4	866.3	-2.019	85.09	3789.	10.43	18.27
25	CCV 150234	120800.	4964.	2437.	2452.	996.8	2491.
26	CCB	-391.0	2.085	.0591	-1.095	-.2067	.1470
27	460-4677-A-6-B@4	1289.	-2.057	82.04	406.5	9.714	7.057
28	460-4677-A-7-B@4	943.0	-1.997	96.49	1803.	8.082	8.169
29	460-4783-A-1-E@4	100.1	-1.935	108.6	281.0	10.01	4.038
30	460-4783-A-2-E@4	257.6	-1.748	162.5	329.4	7.965	4.936
31	460-4784-A-1-C@4	1023.	-3.680	176.8	H6241.	10.72	2.133
32	460-4784-A-2-C@4	-327.6	-2.025	14.41	32.73	-1.152	2.181
33	460-4823-A-1-E@4	-351.2	-2.940	10.26	6.131	-2.524	1.505
34	460-4823-A-2-M@4	991.9	-4.732	183.5	4710.	10.88	4.106
35	460-4825-A-1-G@4	159.6	-1.401	318.0	180.8	111.4	-.2562
36	460-4869-C-7-A@3	44670.	-7.228	1.574	12.10	13.86	.7210
37	CCV 150234	120200.	4966.	2486.	2456.	983.0	2480.
38	CCB	-583.3	.9767	.4740	-.4863	-1.249	-.1665
39	ICSA 150206	-702.0	-2.474	4.020	-2.943	-1.875	-1.438
40	ICSAB 150230	10710.	93.57	100.0	96.28	98.93	101.2
41	CCV 150234	118800.	4918.	2435.	2435.	974.6	2457.
42	CCB	-522.3	.5145	.0617	.1931	-.9845	.1695

#	Sample Name	Sn1899	Ti3349	*Y
1	ICV 150234	996.2	9995.	1008
2	ICB	-1.606	1.370	1040.67
3	ICSA 150206	-3.764	-4.863	989.856
4	ICSAB 150230	92.64	96.57	994.272
5	INT-20	4.350	19930.	1020.35
6	REPLIM	48.40	21.19	1037.41
7	MB 460-14929/1-A@2	6.075	-.5111	1027.62
8	LCSSRM 460-14929/2-A	514.3	2026.	1079.68
9	460-4915-C-1-C DU@4	3.927	716.2	1042.56
10	460-4915-C-1-B@4	3.934	846.0	1038.08
11	SD 460-4915-C-1-B@20	.3117	163.3	1039.49
12	460-4915-C-1-D MS@4	256.4	1066.	1046.21
13	CCV 150234	986.3	9973.	1006.94
14	CCB	-1.406	-.0596	1032.9
15	460-4707-A-1-H@4	87.85	951.8	1053.7
16	460-4862-I-5-B@4	144.4	996.5	1046.82
17	460-4862-I-6-B@4	48.97	1322.	1063.68
18	460-4862-I-7-B@4	45.97	1120.	1060.96
19	460-4862-I-8-B@4	67.14	1059.	1058.94
20	460-4862-I-9-B@4	103.0	762.2	1042.72
21	460-4677-A-1-B@4	23.28	936.1	1040.29
22	460-4677-B-3-A@4	141.5	2349.	1079.97
23	460-4677-B-4-A@4	27.56	476.1	1084.67
24	460-4677-B-5-A@4	161.5	705.6	1047.46
25	CCV 150234	958.2	9909.	993.952
26	CCB	.1539	-.2268	1039.78
27	460-4677-A-6-B@4	400.6	354.6	1071.04
28	460-4677-A-7-B@4	108.2	423.2	1036.51
29	460-4783-A-1-E@4	9.337	1018.	1043.3
30	460-4783-A-2-E@4	10.50	1263.	1071.94
31	460-4784-A-1-C@4	69.82	935.7	1072.9

#	Sample Name	Sn1899	Ti3349	*Y
32	460-4784-A-2-C@4	5.110	185.0	1016.38
33	460-4823-A-1-E@4	1.773	255.9	1039.68
34	460-4823-A-2-M@4	43.17	1084.	1066.11
35	460-4825-A-1-G@4	5.286	455.1	1036.83
36	460-4869-C-7-A@3	1.424	-.2744	1020.42
37	CCV 150234	1004.	9847.	1011.42
38	CCB	1.474	-.3168	1022.5
39	ICSA 150206	-6.477	-5.321	977.184
40	ICSAB 150230	95.42	96.61	979.872
41	CCV 150234	981.7	9746.	1013.25
42	CCB	.6113	.0118	1028

Method: SW846 Standard: T2CAL-BLK
Run Time: 08/24/09 16:46:49

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	1.056	-.0053	-.0863	.0010	-.0988	-.0043	.1323
SDev	.001	.0048	.0607	.0000	.0000	.0048	.0031
%RSD	.0602	89.99	70.31	.0044	.0044	110.0	2.323
#1	1.056	-.0019	-.0434	.0010	-.0988	-.0010	.1345
#2	1.057	-.0087	-.1292	.0010	-.0988	-.0077	.1302

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0096	-.0036	.0164	.0092	-.0092	.0048	-.0325
SDev	.0116	.0003	.0000	.0034	.0075	.0000	.0003
%RSD	120.2	9.424	.0044	37.21	81.87	.0044	1.052
#1	.0178	-.0034	.0164	.0067	-.0039	.0048	-.0328
#2	.0014	-.0039	.0164	.0116	-.0145	.0048	-.0323

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	13.69	-.0670	-.0000	-.0766	.0020	.0540	.0217
SDev	.01	.0027	.0164	.0279	.0023	.0061	.0116

%RSD	.0591	4.074	4587000.	36.46	115.9	11.37	53.42
#1	13.70	-.0689	-.0116	-.0569	.0036	.0583	.0135
#2	13.69	-.0651	.0116	-.0964	.0004	.0497	.0299

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.0550	.0548	-.0149	.1451	-.0014	-.2145	.1085
SDev	.0641	.0138	.0048	.0348	.0211	.0007	.0021
%RSD	116.6	25.25	31.94	23.97	1461.	.3134	1.890
#1	.0096	.0646	-.0183	.1697	-.0164	-.2140	.1099
#2	.1003	.0450	-.0116	.1205	.0135	-.2150	.1070

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1037	--	--	--	--	--	--
SDev	.0452300	--	--	--	--	--	--
%RSD	.0043607	--	--	--	--	--	--
#1	1037	--	--	--	--	--	--
#2	1037	--	--	--	--	--	--

Method: SW846 Standard: T2CAL1
Run Time: 08/24/09 16:53:05

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	42.73	4.385	33.96	14.50	9.463	58.77	60.37
SDev	.03	.014	.11	.01	.009	.06	.07
%RSD	.0808	.3279	.3365	.0654	.0977	.1065	.1217
#1	42.71	4.375	33.87	14.49	9.457	58.73	60.32
#2	42.76	4.395	34.04	14.50	9.470	58.82	60.42

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	14.62	2.987	9.251	18.82	25.78	10.60	13.19
SDev	.01	.011	.009	.01	.04	.01	.04
%RSD	.0758	.3592	.0993	.0718	.1507	.1170	.3404
#1	14.61	2.979	9.245	18.82	25.75	10.59	13.16
#2	14.63	2.994	9.258	18.83	25.81	10.61	13.22

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.351	14.69	2.877	4.749	2.190	34.55	3.442
SDev	.017	.02	.003	.005	.004	.05	.026
%RSD	.4932	.1135	.1052	.1088	.1862	.1381	.7469
#1	3.340	14.68	2.875	4.746	2.193	34.59	3.461

#2	3.363	14.71	2.879	4.753	2.187	34.52	3.424

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	39.38	68.27	73.63	13.21	13.26
SDev	.03	.18	.02	.01	.03
%RSD	.0838	.2668	.0272	.0432	.2290
#1	39.36	68.14	73.64	13.21	13.24
#2	39.40	68.39	73.61	13.22	13.29

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1036	--	--	--	--	--	--
SDev	1.945925	--	--	--	--	--	--
%RSD	.1877958	--	--	--	--	--	--
#1	1038	--	--	--	--	--	--
#2	1035	--	--	--	--	--	--

Method: SW846 Standard: T2CAL2
Run Time: 08/24/09 16:59:20

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	212.7	22.05	170.2	71.21	46.76	288.9	297.3
SDev	.7	.03	.2	.11	.02	.3	.4
%RSD	.3156	.1412	.1137	.1548	.0372	.1183	.1323
#1	212.2	22.08	170.3	71.29	46.75	288.7	297.0
#2	213.1	22.03	170.0	71.14	46.77	289.2	297.6

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	72.73	14.92	46.92	93.70	134.4	52.66	64.95
SDev	.32	.08	.20	.06	.4	.30	.09
%RSD	.4346	.5459	.4315	.0602	.2793	.5723	.1365
#1	72.50	14.86	46.78	93.66	134.1	52.44	65.01
#2	72.95	14.98	47.06	93.74	134.7	52.87	64.89

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	17.47	74.37	14.53	22.74	10.95	170.9	17.31
SDev	.04	.23	.14	.07	.01	.4	.31
%RSD	.2192	.3145	.9562	.3000	.0980	.2495	1.808
#1	17.44	74.20	14.44	22.70	10.94	170.6	17.09
#2	17.49	74.53	14.63	22.79	10.95	171.2	17.53

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	194.0	340.9	365.0	67.76	65.81
SDev	.5	.6	1.4	.33	.36
%RSD	.2468	.1841	.3959	.4800	.5493
#1	193.6	340.5	366.0	67.53	66.06
#2	194.3	341.4	363.9	67.99	65.55

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1019	--	--	--	--	--	--
SDev	3.394147	--	--	--	--	--	--
%RSD	.3331148	--	--	--	--	--	--
#1	1017	--	--	--	--	--	--
#2	1021	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
Run Time: 08/24/09 17:05:35

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	432.3	45.13	337.2	141.3	93.04	570.9	585.1

SDev	1.2	.05	.0	.3	.08	.5	.0
%RSD	.2665	.1000	.0037	.1805	.0843	.0931	.0029
#1	433.1	45.10	337.2	141.1	92.98	570.5	585.1
#2	431.4	45.16	337.2	141.5	93.10	571.3	585.1

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	146.4	30.16	96.58	187.5	278.6	105.4	130.0
SDev	.2	.06	.17	.1	.4	.2	.1
%RSD	.1550	.1842	.1778	.0788	.1325	.2170	.0433
#1	146.6	30.20	96.70	187.4	278.8	105.6	130.0
#2	146.2	30.12	96.46	187.6	278.3	105.3	130.0

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	450.8	36.31	119.1	149.8	29.73	45.01	22.17
SDev	.5	.02	.1	.2	.11	.04	.01
%RSD	.1047	.0644	.1084	.1153	.3702	.0853	.0247
#1	451.1	36.32	119.2	149.9	29.81	45.04	22.17
#2	450.5	36.29	119.0	149.7	29.66	44.98	22.18

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	345.0	35.64	391.9	683.3	727.5	134.8	129.5
SDev	.5	.07	.2	.7	.0	.0	.4
%RSD	.1552	.1893	.0620	.1051	.0057	.0229	.3068
#1	344.6	35.69	392.0	683.8	727.5	134.8	129.2
#2	345.4	35.59	391.7	682.8	727.5	134.8	129.7

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	986	--	--	--	--	--	--
SDev	.3620556	--	--	--	--	--	--
%RSD	.0367250	--	--	--	--	--	--
#1	986	--	--	--	--	--	--
#2	986	--	--	--	--	--	--

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	590.299	-619.755	08/24/09 05:05:35
Sb2068	206.838	Multiple	Standards	46.3735	.267216	08/24/09 05:05:35
As1890	189.042	Multiple	Standards	29.4727	2.51289	08/24/09 05:05:35
Ba4934	493.409	Multiple	Standards	139.962	-.387110	08/24/09 05:05:35
Be3130	313.042	Multiple	Standards	21.2125	2.06945	08/24/09 05:05:35
Cd2265	226.502	Multiple	Standards	8.66651	-.030942	08/24/09 05:05:35
Ca3179	317.933	Multiple	Standards	420.970	-58.9228	08/24/09 05:05:35

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Cr2677	267.716	Multiple	Standards	68.4871	-.663972	08/24/09 05:05:35
Co2286	228.616	Multiple	Standards	168.108	.620499	08/24/09 05:05:35
Cu3247	324.754	Multiple	Standards	265.259	-3.88674	08/24/09 05:05:35
Fe2714	271.441	Multiple	Standards	1068.47	-10.2218	08/24/09 05:05:35
Mg3832	383.231	Multiple	Standards	931.201	17.2806	08/24/09 05:05:35
Mn2576	257.610	Multiple	Standards	94.7815	-.488228	08/24/09 05:05:35
Ni2316	231.604	Multiple	Standards	38.2070	1.19579	08/24/09 05:05:35
K_7664	766.491	T2CAL3	T2CAL-BLK	1.06195	-1.10397	08/24/09 05:05:35
Ag3280	328.068	Multiple	Standards	71.0080	4.82416	08/24/09 05:05:35
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	1.06349	.027632	08/24/09 05:05:35
Tl1908	190.864	Multiple	Standards	67.2240	5.21870	08/24/09 05:05:35
V_2924	292.402	Multiple	Standards	171.561	-.271632	08/24/09 05:05:35
Zn2062	206.200	Multiple	Standards	103.711	-5.70610	08/24/09 05:05:35
B_2496	249.678	Multiple	Standards	91.3640	-1.96406	08/24/09 05:05:35
Mo2020	202.030	Multiple	Standards	14.5172	-.808921	08/24/09 05:05:35
Sn1899	189.989	Multiple	Standards	54.5353	-2.95026	08/24/09 05:05:35
Ti3349	334.941	Multiple	Standards	51.1266	.658216	08/24/09 05:05:35
2203/1	220.351	Multiple	Standards	29.5498	-4.26634	08/24/09 05:05:35

2203/2 220.352   Multiple   Standards 27.2959 -.080482   08/24/09 05:05:35
1960/1 196.021   Multiple   Standards 73.9883 15.9193   08/24/09 05:05:35
1960/2 196.022   Multiple   Standards 75.9097 -8.29200   08/24/09 05:05:35

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	3.71510	-3.71510
		T2CAL1	25000.0	24604.9	395.092
		T2CAL2	125000.	124918.	81.7344
		T2CAL3	250000.	254543.	-4543.27

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	.021318	-.021318
		T2CAL1	200.000	203.607	-3.60654
		T2CAL2	1000.00	1022.96	-22.9638
		T2CAL3	2000.00	2093.12	-93.1169

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	-.030230	.030230
		T2CAL1	1000.00	1003.26	-3.26392
		T2CAL2	5000.00	5017.82	-17.8232
		T2CAL3	10000.0	9939.84	60.1553

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.252170	.252170
		T2CAL1	2000.00	2028.76	-28.7556
		T2CAL2	10000.0	9966.86	33.1445
		T2CAL3	20000.0	19778.7	221.264

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.026817	.026817
		T2CAL1	200.000	202.809	-2.80930
		T2CAL2	1000.00	994.017	5.98254
		T2CAL3	2000.00	1975.68	24.3175

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.068541	.068541
		T2CAL1	500.000	509.334	-9.33353
		T2CAL2	2500.00	2503.92	-3.92212
		T2CAL3	5000.00	4947.56	52.4443

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-3.21768	3.21768
		T2CAL1	25000.0	25355.4	-355.434
		T2CAL2	125000.	125094.	-93.8438
		T2CAL3	250000.	246258.	3742.03

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.003657	.003657
		T2CAL1	1000.00	1000.51	-.511292
		T2CAL2	5000.00	4980.15	19.8467
		T2CAL3	10000.0	10025.5	-25.5049

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	.012716	-.012716
		T2CAL1	500.000	502.702	-2.70215
		T2CAL2	2500.00	2509.15	-9.14917
		T2CAL3	5000.00	5071.28	-71.2754

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	.460860	-.460860
		T2CAL1	2500.00	2450.07	49.9292
		T2CAL2	12500.0	12442.5	57.4854

		T2CAL3	25000.0	25614.3	-614.264
CorCoef: 0.99989					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-.435668	.435668
		T2CAL1	20000.0	20103.4	-103.414
		T2CAL2	100000.	100109.	-108.922
		T2CAL3	200000.	200299.	-298.578
CorCoef: 1.00000					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Mg3832	383.231	T2CAL-BLK	.000000	8.75173	-8.75173
		T2CAL1	25000.0	24023.7	976.342
		T2CAL2	125000.	125177.	-176.758
		T2CAL3	250000.	259410.	-9409.89
CorCoef: 0.99983					

Element	Wavelength	Standard	Concentration	Concentration	Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.031325	.031325
		T2CAL1	1000.00	1004.28	-4.27637
		T2CAL2	5000.00	4990.44	9.56348
		T2CAL3	10000.0	9992.11	7.88770
CorCoef: 1.00000					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.047432	.047432
		T2CAL1	500.000	505.069	-5.06943
		T2CAL2	2500.00	2482.79	17.2107
		T2CAL3	5000.00	4967.98	32.0225
CorCoef: 1.00000					
			Known	Measured	Residual
Element	Wavelength	Standard	Signal	Signal	Signal
K_7664	766.491	T2CAL-BLK	13.4373	13.6929	-.255654
		T2CAL3	477.626	450.802	26.8245
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.066170	-.066170
		T2CAL1	250.000	242.788	7.21172
		T2CAL2	1250.00	1245.02	4.97607
		T2CAL3	2500.00	2582.88	-82.8789
CorCoef: 0.99983					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000
			Known	Measured	Residual
Element	Wavelength	Standard	Signal	Signal	Signal
Na3302	330.232	T2CAL-BLK	.027632	-.000000	.027632
		T2CAL3	126.699	119.109	7.58997
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Tl1908	190.864	T2CAL-BLK	.000000	.066191	-.066191
		T2CAL1	1000.00	993.022	6.97784
		T2CAL2	5000.00	5004.35	-4.34668
		T2CAL3	10000.0	10073.9	-73.8633
CorCoef: 0.99999					
			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
V_2924	292.402	T2CAL-BLK	.000000	.068377	-.068377
		T2CAL1	500.000	493.320	6.68039
		T2CAL2	2500.00	2493.26	6.73877
		T2CAL3	5000.00	5101.00	-100.998
CorCoef: 0.99993					
			Known	Measured	Residual

```
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Zn2062   206.200     T2CAL-BLK       .000000         -.106643        .106643
□□Standardization      Readback Report      08/24/09 05:11:47 PM        page 10


                     T2CAL1          500.000         486.857         13.1432
                     T2CAL2          2500.00         2353.15         146.845
                     T2CAL3          5000.00         4662.22         337.778
CorCoef: 0.99998
                                       Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
B_2496   249.678     T2CAL-BLK       .000000         .017847         -.017847
                     T2CAL1          200.000         198.100         1.90010
                     T2CAL2          1000.00         998.194         1.80615
                     T2CAL3          2000.00         2023.77         -23.7687
CorCoef: 0.99998
                                       Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Mo2020   202.030     T2CAL-BLK       .000000         -.011153        .011153
                     T2CAL1          500.000         500.830         -.829742
                     T2CAL2          2500.00         2480.78         19.2227
                     T2CAL3          5000.00         5007.56         -7.55859
CorCoef: 0.99999
                                       Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Sn1899   189.989     T2CAL-BLK       .000000         .038944         -.038944
                     T2CAL1          200.000         184.782         15.2176
                     T2CAL2          1000.00         941.073         58.9267
                     T2CAL3          2000.00         1940.63         59.3707
CorCoef: 0.99988
                                       Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Ti3349   334.941     T2CAL-BLK       .000000         -.105818        .105818
                     T2CAL1          2000.00         2013.97         -13.9652
                     T2CAL2          10000.0         9917.71         82.2930
                     T2CAL3          20000.0         20035.2         -35.1660
CorCoef: 0.99998
                                       Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
2203/1   220.351     T2CAL-BLK       .000000         .021347         -.021347
                     T2CAL1          2000.00         2012.98         -12.9774
                     T2CAL2          10000.0         10069.5         -69.5176
                     T2CAL3          20000.0         20187.3         -187.332
CorCoef: 1.00000
                                       Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
2203/2   220.352     T2CAL-BLK       .000000         -.119970        .119970
                     T2CAL1          2000.00         2009.67         -9.66772
                     T2CAL2          10000.0         9961.73         38.2705
                     T2CAL3          20000.0         19858.0         141.980
CorCoef: 1.00000
                                       Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
1960/1   196.021     T2CAL-BLK       .000000         .047621         -.047621
                     T2CAL1          1000.00         993.513         6.48730
                     T2CAL2          5000.00         5029.58         -29.5830
                     T2CAL3          10000.0         9991.17         8.83496
CorCoef: 0.99999

                                       Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
1960/2   196.022     T2CAL-BLK       .000000         -.058575        .058575
□□Standardization      Readback Report      08/24/09 05:11:47 PM        page 11


                     T2CAL1          1000.00         998.646         1.35419
                     T2CAL2          5000.00         4987.06         12.9351
                     T2CAL3          10000.0         9819.36         180.637
CorCoef: 0.99997
------------------------------------------------------------------------------
Method: SW846      Sample Name: ICV 150234             Operator:
Run Time: 08/24/09 17:11:51
Comment: IDL: 6010 & 200.7
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    Cd2265    Ca3179
```

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124400.	998.6	4948.	10050.	1000.	2494.	125400.
SDev	40.	.9	11.	10.	1.	4.	173.
%RSD	.0324	.0879	.2195	.0961	.1200	.1613	.1383
#1	124400.	998.0	4956.	10050.	1001.	2497.	125500.
#2	124500.	999.3	4940.	10060.	999.4	2491.	125300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4998.	2497.	12450.	100300.	125000.	4987.	2502.
SDev	7.	6.	9.	169.	25.	8.	2.
%RSD	.1361	.2254	.0702	.1685	.0196	.1509	.0684
#1	5003.	2501.	12450.	100400.	125000.	4993.	2504.
#2	4993.	2493.	12460.	100200.	124900.	4982.	2501.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47540.	1249.	9961.	4932.	120900.	4993.	2489.
SDev	141.	1.	10.	13.	72.	3.	6.
%RSD	.2973	.0847	.1013	.2709	.0592	.0520	.2245
#1	47440.	1250.	9968.	4942.	120900.	4995.	2493.
#2	47640.	1248.	9954.	4923.	120800.	4991.	2485.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2490.	1001.	2502.	996.2	9995.	9913.	9984.
SDev	6.	1.	1.	1.1	3.	8.	11.
%RSD	.2444	.1014	.0457	.1079	.0316	.0843	.1098
#1	2494.	1001.	2503.	996.9	9997.	9919.	9992.
#2	2485.	1002.	2501.	995.4	9993.	9907.	9977.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4902.	4947.					
SDev	8.	16.					
%RSD	.1614	.3251					
#1	4907.	4959.					
#2	4896.	4936.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1008	--	--	--	--	--	--
SDev	.2715525	--	--	--	--	--	--
%RSD	.0269397	--	--	--	--	--	--
#1	1008	--	--	--	--	--	--

#2	1008	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:
Run Time: 08/24/09 17:18:05
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.34	1.376	2.074	1.294	.1384	.3962	3.979
SDev	1.41	1.325	.501	.285	.0366	.1644	3.699
%RSD	6.912	96.33	24.15	22.01	26.48	41.49	92.97
#1	21.34	2.313	2.428	1.495	.1643	.2799	6.595
#2	19.35	.4386	1.719	1.093	.1125	.5124	1.363

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8172	.1734	1.593	21.07	33.39	.6951	.9021
SDev	.1866	.2858	.539	6.57	8.85	.1283	.3899
%RSD	22.84	164.9	33.83	31.18	26.52	18.45	43.22
#1	.6852	.3755	1.975	16.42	39.65	.7857	1.178
#2	.9491	-.0288	1.212	25.71	27.13	.6044	.6264

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	40.39	.5936	2.010	2.439	-113.5	-.0467	.7993
SDev	2.15	.4355	1.729	.009	37.1	2.6038	.1163
%RSD	5.325	73.36	86.03	.3535	32.65	5580.	14.55
#1	41.91	.9016	3.232	2.445	-87.27	1.795	.8816
#2	38.87	.2857	.7871	2.433	-139.7	-1.888	.7171

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0549	1.416	.2590	-1.606	1.370	1.271	2.374
SDev	.2051	.560	.1868	.208	.035	1.143	2.022
%RSD	373.7	39.53	72.12	12.94	2.550	89.89	85.16
#1	.0901	1.020	.3911	-1.753	1.346	2.079	3.803
#2	-.1999	1.812	.1269	-1.459	1.395	.4633	.9444

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.8121	3.241
SDev	.6576	.315
%RSD	80.98	9.731
#1	1.277	3.018
#2	.3471	3.464

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1041	--	--	--	--	--	--
SDev	.3167824	--	--	--	--	--	--
%RSD	.0304402	--	--	--	--	--	--
#1	1041	--	--	--	--	--	--
#2	1040	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 150206 Operator:
Run Time: 08/24/09 17:24:20
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492300.	4.191	.2100	.8146	-.0840	-.8179	468600.
SDev	574.	1.104	1.893	.1984	.0483	.0575	41.
%RSD	.1166	26.35	901.1	24.35	57.52	7.028	.0088
#1	491900.	3.410	-1.128	.9549	-.0498	-.8585	468600.
#2	492700.	4.972	1.548	.6744	-.1182	-.7772	468600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	10.00	10.00	20.00	5.000	4.000	600000.
Low	400000.	-10.00	-10.00	-20.00	-5.000	-4.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4547	2.752	3.348	202300.	528100.	-1.668	-.6738
SDev	.0020	.003	.748	52.	765.	.071	.0526
%RSD	.4483	.1129	22.35	.0259	.1449	4.235	7.803
#1	.4562	2.750	3.877	202300.	527600.	-1.618	-.7110
#2	.4533	2.754	2.819	202200.	528700.	-1.718	-.6366
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	5.000	20.00	240000.	600000.	9.900	10.00
Low	-10.00	-5.000	-10.00	160000.	400000.	-9.900	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.07	-.6990	-.1030	-2.613	-631.9	-1.512	3.640
SDev	6.64	.7028	.7803	.029	202.7	8.156	.032
%RSD	22.86	100.6	757.6	1.111	32.07	539.6	.8822
#1	33.77	-1.196	.4488	-2.592	-488.6	-7.279	3.617
#2	24.37	-.2020	-.6548	-2.634	-775.2	4.256	3.663
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	6.000	10.00	1000.	10.00	10.00
Low	-1000.	-10.00	-6.000	-10.00	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.676	.0158	.0241	-3.764	-4.863	20.39	-10.34
SDev	.833	.4544	.2301	.477	.300	3.43	.54
%RSD	49.72	2878.	953.1	12.68	6.164	16.81	5.233
#1	-2.266	.3371	.1869	-3.426	-4.652	22.82	-10.72
#2	-1.087	-.3055	-.1386	-4.101	-5.075	17.97	-9.958
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	20.00	15.00	20.00	40.00	20.00		
Low	-20.00	-15.00	-20.00	-40.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.222	-.3228

□□Analysis Report 08/24/09 05:30:31 PM page 18

SDev	4.431	2.1685
%RSD	61.35	671.8
#1	-4.089	-1.856
#2	-10.35	1.211
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	990	--	--	--	--	--	--
SDev	1.312403	--	--	--	--	--	--
%RSD	.1325852	--	--	--	--	--	--
#1	991	--	--	--	--	--	--
#2	989	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 150230 Operator:
Run Time: 08/24/09 17:30:34
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478900.	102.2	100.8	106.1	96.36	97.18	456500.
SDev	707.	1.5	3.7	.1	.22	.42	596.
%RSD	.1477	1.447	3.656	.1080	.2297	.4284	.1305
#1	478400.	101.1	103.4	106.0	96.52	97.47	457000.
#2	479400.	103.2	98.21	106.2	96.21	96.88	456100.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.45	99.26	105.1	196900.	511700.	96.39	96.65
SDev	.20	.03	.2	269.	164.	.04	.93
%RSD	.2080	.0264	.1745	.1365	.0321	.0420	.9650
#1	97.31	99.28	105.0	197000.	511600.	96.42	97.30
#2	97.60	99.24	105.2	196700.	511900.	96.36	95.99
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11030.	102.9	100.1	101.1	10740.	94.66	100.6
SDev	50.	.5	1.5	.8	42.	.38	.5
%RSD	.4517	.4847	1.537	.7827	.3910	.4005	.5014
#1	11000.	103.2	99.06	100.5	10710.	94.93	101.0
#2	11070.	102.5	101.2	101.6	10770.	94.39	100.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.01	98.57	98.86	92.64	96.57	120.1	90.18
SDev	.95	.54	3.26	.94	.08	4.1	.29
%RSD	.9846	.5440	3.293	1.014	.0821	3.372	.3176
#1	96.68	98.20	101.2	91.98	96.51	117.2	89.98
#2	95.34	98.95	96.56	93.31	96.63	123.0	90.38

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	103.8	99.72
SDev	3.4	.52
%RSD	3.297	.5234

#1	101.3	100.1
#2	106.2	99.35

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	994	--	--	--	--	--	--
SDev	3.394104	--	--	--	--	--	--
%RSD	.3413657	--	--	--	--	--	--
#1	997	--	--	--	--	--	--
#2	992	--	--	--	--	--	--

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 08/24/09 17:36:48
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.38	-4.739	-2.007	19850.	1.664	-.0092	33.49
SDev	.80	3.203	.863	8.	.009	.0077	.54
%RSD	1.462	67.60	43.00	.0414	.5541	83.65	1.620
#1	53.82	-7.004	-1.397	19860.	1.670	-.0037	33.11
#2	54.94	-2.474	-2.617	19850.	1.657	-.0146	33.88

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20460.	20080.	-2.717	-108.4	27.78	19330.	4.137
SDev	24.	11.	.552	5.6	5.81	14.	.384
%RSD	.1177	.0568	20.32	5.211	20.93	.0702	9.270
#1	20450.	20070.	-2.326	-104.4	31.89	19320.	3.866
#2	20480.	20080.	-3.107	-112.4	23.67	19340.	4.409

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	90.57	-2.048	-1.785	-4.930	-270.1	3.784	19830.
SDev	2.64	.219	.368	4.305	13.5	2.421	12.
%RSD	2.910	10.69	20.63	87.33	5.011	63.99	.0600
#1	88.70	-1.893	-1.525	-7.974	-260.5	5.495	19820.
#2	92.43	-2.203	-2.046	-1.886	-279.7	2.072	19830.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5055.	9577.	9831.	4.350	19930.	-4.041	-.6638
SDev	8.	6.	5.	1.485	7.	.081	.5928
%RSD	.1555	.0671	.0496	34.14	.0330	2.013	89.31
#1	5049.	9572.	9835.	3.300	19920.	-4.098	-.2446
#2	5061.	9581.	9828.	5.400	19930.	-3.983	-1.083

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.434	-4.189

SDev	2.610	5.152
%RSD	40.56	123.0
#1	-8.280	-7.832
#2	-4.589	-.5465

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1020	--	--	--	--	--	--
SDev	.4525587	--	--	--	--	--	--
%RSD	.0443532	--	--	--	--	--	--
#1	1020	--	--	--	--	--	--
#2	1021	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM Operator:
Run Time: 08/24/09 17:43:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	199.7	9.542	3.874	205.4	1.974	4.269	5103.
SDev	4.2	3.218	.240	1.0	.036	.061	.
%RSD	2.082	33.72	6.201	.4836	1.831	1.425	.0071
#1	202.6	7.267	3.704	206.1	1.999	4.226	5103.
#2	196.7	11.82	4.044	204.7	1.948	4.312	5103.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.06	50.59	24.75	159.6	4824.	16.04	40.43
SDev	.13	.37	.02	19.7	1.	.53	.55
%RSD	1.194	.7410	.0757	12.37	.0126	3.290	1.353
#1	10.97	50.86	24.76	173.6	4824.	16.41	40.82
#2	11.16	50.33	24.74	145.6	4824.	15.67	40.04

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4689.	9.427	5.449	2.737	5139.	9.264	51.25
SDev	8.	.076	.191	1.294	49.	1.331	.08
%RSD	.1691	.8019	3.508	47.30	.9474	14.37	.1471
#1	4694.	9.480	5.314	1.821	5174.	10.21	51.31
#2	4683.	9.373	5.584	3.652	5105.	8.323	51.20

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32.54	55.28	20.59	48.40	21.19	4.984	5.677
SDev	.13	.72	.03	3.97	.57	1.288	.357
%RSD	.3890	1.307	.1444	8.199	2.695	25.85	6.281
#1	32.63	55.79	20.57	45.59	21.59	4.073	5.929
#2	32.45	54.77	20.61	51.20	20.78	5.895	5.424

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.351	4.767
SDev	2.986	.450
%RSD	221.0	9.436
#1	-3.462	4.449
#2	.7601	5.085

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1037	--	--	--	--	--	--
SDev	.6787949	--	--	--	--	--	--
%RSD	.0654318	--	--	--	--	--	--

#1	1037	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-14929/1-A@2 Operator:
Run Time: 08/24/09 17:49:17
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6646	.1290	-2.492	-.5233	-.1031	-.1601	2.116
SDev	4.5652	.4460	.910	.0001	.0208	.0498	.030
%RSD	686.9	345.7	36.53	.0126	20.19	31.11	1.397
#1	-3.893	.4444	-3.135	-.5233	-.1179	-.1249	2.095
#2	2.564	-.1864	-1.848	-.5234	-.0884	-.1953	2.137
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2525	-.6874	.2433	4.384	4.591	-.0733	.1261
SDev	.2589	.3462	.0020	10.31	11.54	.0648	.5126
%RSD	102.5	50.37	.8222	235.3	251.3	88.39	406.6
#1	.4355	-.9322	.2419	11.68	12.75	-.0275	-.2364
#2	.0694	-.4425	.2448	-2.909	-3.569	-.1191	.4885
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.70	-.0647	1.416	.3916	-249.0	-3.350	.3659
SDev	3.53	.3200	.268	2.878	277.3	2.229	.0178
%RSD	21.15	494.3	18.90	735.0	111.4	66.53	4.866
#1	14.20	.1615	1.605	-1.644	-445.0	-1.774	.3533
#2	19.20	-.2910	1.227	2.427	-52.90	-4.926	.3785
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	.7847	2.793	-.2366	6.075	-.5111	1.958	1.140
SDev	.0389	.190	.3698	.715	.2467	2.010	.602
%RSD	4.959	6.812	156.2	11.76	48.27	102.6	52.82
#1	.8122	2.659	.0248	5.570	-.3367	3.380	.7144
#2	.7572	2.928	-.4981	6.580	-.6856	.5372	1.566
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.247	3.197
SDev	4.979	1.830
%RSD	94.88	57.25

#1	-8.767	1.903
#2	-1.727	4.491
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1028	--	--	--	--	--	--
SDev	.4977887	--	--	--	--	--	--
%RSD	.0484411	--	--	--	--	--	--
#1	1028	--	--	--	--	--	--
#2	1027	--	--	--	--	--	--

Method: SW846 Sample Name: LCSSRM 460-14929/2-A Operator:
Run Time: 08/24/09 17:55:31
Comment: BATCH
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43530.	421.5	509.3	1031.	383.8	297.9	49180.
SDev	22.	2.8	1.3	1.	.7	.5	115.
%RSD	.0514	.6661	.2577	.1125	.1847	.1722	.2333
#1	43540.	423.5	508.3	1030.	383.3	297.5	49100.
#2	43510.	419.5	510.2	1032.	384.3	298.2	49260.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	81000.	1190.	680.0	1250.	488.5	385.5	61500.
Low	24200.	108.0	362.5	725.0	287.0	222.5	37200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1149.	459.8	865.2	93010.	18420.	2760.	678.4
SDev	2.	.6	.5	193.	27.	2.	.0
%RSD	.1376	.1266	.0544	.2070	.1455	.0853	.0035
#1	1148.	459.4	865.5	92870.	18400.	2758.	678.4
#2	1151.	460.2	864.9	93150.	18440.	2761.	678.4

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1525.	575.0	1080.	142500.	26150.	3420.	850.0
Low	835.0	339.5	655.0	37850.	13900.	2160.	490.5

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18330.	144.5	422.6	1356.	5212.	610.5	564.6
SDev	4.	.8	2.2	11.	117.	2.6	.4
%RSD	.0219	.5398	.5312	.8216	2.243	.4245	.0667
#1	18330.	144.0	421.0	1348.	5130.	608.7	564.9
#2	18320.	145.1	424.1	1364.	5295.	612.3	564.4

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	28950.	203.0	560.0	1865.	7100.	805.0	760.0
Low	14050.	98.00	300.0	995.0	3070.	410.5	389.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3058.	659.7	253.3	514.3	2026.	425.5	421.1
SDev	10.	1.2	2.1	4.7	1.	.9	2.9
%RSD	.3392	.1806	.8237	.9199	.0712	.2225	.6870
#1	3050.	658.9	251.8	510.9	2025.	424.8	419.0
#2	3065.	660.6	254.8	517.6	2027.	426.2	423.1

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	3765.	960.0	325.0	740.0	4220.		
Low	2185.	448.0	161.0	297.0	401.0		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1337.	1365.
SDev	8.	13.
%RSD	.5630	.9481
#1	1332.	1356.
#2	1343.	1374.
Errors	NOCHECK	NOCHECK
High		
Low		

□□Analysis Report 08/24/09 06:01:42 PM page 30

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1080	--	--	--	--	--	--
SDev	1.357590	--	--	--	--	--	--
%RSD	.1257400	--	--	--	--	--	--
#1	1081	--	--	--	--	--	--
#2	1079	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4915-C-1-C DU@4 Operator:
Run Time: 08/24/09 18:01:46
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24840.	-.9173	1.038	81.97	1.410	-.5069	592.7
SDev	3.	.7554	.921	.06	.007	.0134	.7
%RSD	.0116	82.35	88.65	.0785	.4704	2.647	.1100
#1	24840.	-.3832	.3875	82.02	1.415	-.4975	593.1
#2	24840.	-1.451	1.689	81.93	1.406	-.5164	592.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	84.02	21.11	21.68	23710.	1656.	145.5	22.27
SDev	.12	.10	.16	5.	1.	.2	.21
%RSD	.1427	.4615	.7376	.0227	.0773	.1425	.9465
#1	83.94	21.04	21.57	23700.	1657.	145.4	22.42
#2	84.11	21.18	21.80	23710.	1655.	145.7	22.12
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	733.5	.3424	15.92	2.226	-140.8	-2.155	76.67
SDev	.4	.8393	.21	1.889	33.9	3.502	.02
%RSD	.0539	245.1	1.319	84.85	24.09	162.5	.0235
#1	733.8	.9359	15.77	.8902	-116.8	.3214	76.68
#2	733.2	-.2511	16.07	3.561	-164.8	-4.632	76.66

□□Analysis Report 08/24/09 06:07:56 PM page 32

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37.88	2.928	1.481	3.927	716.2	17.99	14.88
SDev	.22	.190	.093	1.204	.1	1.83	1.23
%RSD	.5703	6.478	6.260	30.66	.0200	10.19	8.261
#1	37.73	3.062	1.416	3.076	716.3	19.28	14.01
#2	38.03	2.794	1.547	4.778	716.1	16.69	15.75
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.0954	3.279
SDev	.5154	2.574
%RSD	540.4	78.50
#1	-.2691	1.459
#2	.4599	5.099
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1043	--	--	--	--	--	--
SDev	.8146575	--	--	--	--	--	--
%RSD	.0781401	--	--	--	--	--	--
#1	1042	--	--	--	--	--	--
#2	1043	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4915-C-1-B@4 Operator:
Run Time: 08/24/09 18:07:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28840.	.9683	3.144	112.9	1.516	-.4782	778.1
SDev	766.	.8112	1.991	3.3	.039	.0336	21.4
%RSD	2.656	83.77	63.32	2.898	2.540	7.021	2.755
#1	29380.	1.542	1.736	115.2	1.543	-.5019	793.2
#2	28300.	.3948	4.551	110.6	1.489	-.4545	762.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	92.78	28.12	25.88	33930.	1872.	149.8	26.48
SDev	2.79	1.28	.55	916.	50.	3.8	1.03
%RSD	3.004	4.553	2.124	2.699	2.668	2.526	3.896
#1	94.76	29.02	26.27	34570.	1908.	152.4	27.21
#2	90.81	27.21	25.49	33280.	1837.	147.1	25.75
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	885.2	-.0536	19.22	3.053	-52.76	-.9555	104.9
SDev	29.4	.0739	.33	1.396	143.21	.8231	2.9
%RSD	3.318	137.9	1.693	45.74	271.4	86.14	2.772

#1	905.9	-.1059	18.99	2.065	48.50	-1.537	107.0
#2	864.4	-.0013	19.45	4.040	-154.0	-.3735	102.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.27	3.161	1.787	3.934	846.0	21.21	18.22
SDev	1.07	.000	.882	1.475	22.5	.23	.37
%RSD	2.479	.0154	49.37	37.49	2.656	1.085	2.047
#1	44.03	3.161	1.163	2.891	861.9	21.05	17.96
#2	42.51	3.161	2.410	4.976	830.1	21.38	18.48
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.398	6.263
SDev	.199	2.192
%RSD	5.848	35.01

#1	-3.258	4.713
#2	-3.539	7.813
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1038	--	--	--	--	--	--
SDev	.2715525	--	--	--	--	--	--
%RSD	.0261591	--	--	--	--	--	--
#1	1038	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-4915-C-1-B@20 Operator:
Run Time: 08/24/09 18:14:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5656.	.6313	-1.877	21.26	.3023	-.1412	147.0
SDev	4.	1.322	.688	.02	.0027	.0121	.0
%RSD	.0699	209.4	36.65	.0732	.8890	8.537	.0126
#1	5659.	-.3033	-1.391	21.27	.3042	-.1327	147.0
#2	5653.	1.566	-2.364	21.25	.3004	-.1498	147.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.45	5.202	4.790	6578.	365.8	28.59	4.853
SDev	.00	.509	.374	10.	3.0	.17	.684
%RSD	.0199	9.783	7.803	.1490	.8338	.6014	14.09
#1	17.45	5.562	4.525	6571.	363.6	28.47	5.337
#2	17.45	4.842	5.054	6584.	367.9	28.71	4.369
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.

Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	188.2	-.2487	2.897	2.057	-360.9	-1.218	20.28
SDev	4.9	.0317	.154	.515	70.9	1.295	.25
%RSD	2.582	12.73	5.321	25.04	19.64	106.3	1.216
#1	184.8	-.2263	2.788	1.693	-310.8	-.3027	20.46
#2	191.6	-.2711	3.006	2.421	-411.0	-2.133	20.11
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.826	.0612	.8158	.3117	163.3	3.461	2.611
SDev	.510	.9914	1.158	3.507	.0	.766	.613
%RSD	6.512	1621.	141.9	1125.	.0196	22.12	23.49
#1	8.187	.7622	1.635	-2.168	163.3	4.003	2.177
#2	7.466	-.6398	-.0030	2.792	163.3	2.920	3.045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.919	2.116
SDev	3.241	2.390
%RSD	168.9	113.0
#1	4.211	.4256
#2	-.3733	3.806
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1039	--	--	--	--	--	--
SDev	1.538682	--	--	--	--	--	--
%RSD	.1480231	--	--	--	--	--	--
#1	1041	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4915-C-1-D MS@4 Operator:
Run Time: 08/24/09 18:20:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	40670.	153.3	953.8	1115.	27.08	24.96	10970.
SDev	111.	3.1	2.5	3.	.06	.17	23.
%RSD	.2726	2.023	.2608	.2594	.2040	.6846	.2095
#1	40740.	155.5	955.6	1113.	27.12	25.08	10990.
#2	40590.	151.1	952.0	1117.	27.05	24.84	10960.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	218.9	281.1	154.2	31260.	11820.	415.5	283.5
SDev	1.3	1.5	1.6	10.	22.	2.1	1.6
%RSD	.6032	.5329	1.009	.0317	.1900	.5143	.5588
#1	219.8	282.2	155.3	31260.	11840.	417.0	284.6
#2	217.9	280.0	153.1	31270.	11800.	414.0	282.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9799.	23.82	270.3	932.9	10160.	989.8	356.4
SDev	5.	.01	2.4	4.5	146.	2.8	3.0
%RSD	.0546	.0499	.8999	.4857	1.433	.2820	.8325
#1	9796.	23.81	272.0	929.7	10260.	987.9	358.5
#2	9803.	23.83	268.5	936.1	10050.	991.8	354.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	313.1	236.2	250.5	256.4	1066.	272.8	269.0
SDev	1.2	1.2	1.1	.3	3.	7.3	.0
%RSD	.3702	.5147	.4487	.0992	.2388	2.674	.0014
#1	313.9	235.3	249.7	256.3	1068.	278.0	269.0
#2	312.3	237.0	251.3	256.6	1064.	267.6	269.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	939.6	929.5
SDev	6.6	3.5
%RSD	.7076	.3738
#1	934.9	927.1
#2	944.3	932.0
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1046	--	--	--	--	--	--
SDev	1.991241	--	--	--	--	--	--
%RSD	.1903293	--	--	--	--	--	--
#1	1045	--	--	--	--	--	--
#2	1048	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 150234 Operator:
Run Time: 08/24/09 18:26:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123900.	1003.	4949.	10070.	999.0	2494.	125000.
SDev	193.	3.	12.	11.	1.3	3.	104.
%RSD	.1558	.3114	.2464	.1106	.1278	.1129	.0833
#1	124100.	1005.	4958.	10080.	999.9	2496.	125000.

#2	123800.	1001.	4940.	10060.	998.1	2492.	124900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4982.	2482.	12430.	100100.	124700.	4964.	2505.
SDev	7.	4.	27.	102.	201.	9.	.
%RSD	.1496	.1621	.2158	.1023	.1614	.1797	.0115
#1	4988.	2485.	12450.	100200.	124800.	4971.	2505.

#2	4977.	2479.	12410.	100000.	124500.	4958.	2505.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47720.	1247.	9946.	4931.	120900.	4996.	2478.
SDev	4.	1.	8.	10.	21.	8.	5.
%RSD	.0093	.0794	.0774	.2035	.0174	.1624	.2091
#1	47720.	1248.	9952.	4924.	120900.	5002.	2482.
#2	47710.	1247.	9941.	4938.	120900.	4990.	2475.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2477.	1001.	2495.	986.3	9973.	9897.	9971.
SDev	4.	2.	4.	7.5	18.	4.	10.
%RSD	.1808	.2315	.1438	.7565	.1772	.0400	.0959
#1	2480.	1002.	2498.	991.6	9986.	9900.	9977.
#2	2473.	998.9	2492.	981.0	9961.	9894.	9964.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4894.	4949.					
SDev	15.	8.					
%RSD	.3040	.1539					
#1	4884.	4943.					
#2	4905.	4954.					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1007	--	--	--	--	--	--
SDev	.1357762	--	--	--	--	--	--
%RSD	.0134840	--	--	--	--	--	--
#1	1007	--	--	--	--	--	--
#2	1007	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 08/24/09 18:32:57
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.183	-.1610	-.5398	-.2855	-.0202	.0062	-16.03
SDev	2.828	1.9956	1.0866	.0478	.0238	.0411	1.63
%RSD	45.73	1240.	201.3	16.75	118.0	660.5	10.15
#1	8.182	-1.572	.2286	-.3193	-.0371	-.0229	-14.88
#2	4.183	1.250	-1.308	-.2517	-.0033	.0353	-17.18
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0322	-.1120	-.0348	6.337	11.87	-.0297	.3541
SDev	.1401	.1139	.3595	4.363	1.27	.0004	.1429
%RSD	434.5	101.7	1034.	68.86	10.70	1.401	40.34
#1	-.0668	-.1925	-.2889	3.251	12.77	-.0294	.4552
#2	.1313	-.0314	.2194	9.422	10.97	-.0300	.2531
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.48	.0290	.5736	-.7189	-474.4	.4341	-.0535
SDev	6.34	.2234	.2150	.3213	292.8	3.909	.1601
%RSD	34.33	770.8	37.49	44.70	61.71	900.6	299.1
#1	22.97	-.1290	.7257	-.9460	-681.5	-2.330	-.1667
#2	13.99	.1869	.4216	-.4917	-267.4	3.198	.0597
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.012	.6900	-.1089	-1.406	-.0596	.9209	.3959
SDev	.176	.7540	1.1185	.572	.1757	2.728	1.684
%RSD	17.45	109.3	1027.	40.68	294.5	296.2	425.4

#1	-1.136	1.223	.6821	-1.810	-.1839	-1.008	1.587
#2	-.8867	.1568	-.8998	-1.002	.0646	2.850	-.7950
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.6634	-.7567
SDev	1.0802	.0576
%RSD	162.8	7.607
#1	-1.427	-.7160
#2	.1004	-.7974
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1033	--	--	--	--	--	--
SDev	.9956636	--	--	--	--	--	--
%RSD	.0963953	--	--	--	--	--	--

#1	1032	--	--	--	--	--	--
#2	1034	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4707-A-1-H@4 Operator:
Run Time: 08/24/09 18:39:11
Comment: MDL
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31090.	4.276	100.3	377.1	1.840	.3223	47390.
SDev	8.	1.309	1.5	.1	.014	.2856	16.
%RSD	.0244	30.62	1.527	.0163	.7715	88.60	.0333
#1	31090.	5.202	101.4	377.1	1.830	.5243	47400.
#2	31100.	3.350	99.21	377.2	1.850	.1204	47370.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	140.7	20.84	156.2	61790.	16110.	836.5	45.31
SDev	.1	.40	.3	.	3.	.2	.44
%RSD	.0740	1.910	.2191	.0008	.0186	.0238	.9716
#1	140.8	21.13	156.0	61790.	16110.	836.7	45.62
#2	140.6	20.56	156.5	61790.	16120.	836.4	45.00
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2339.	.4044	654.4	1.392	528.1	-1.827	94.69
SDev	2.	.1187	1.8	.349	134.8	2.255	.47
%RSD	.0938	29.36	.2706	25.09	25.53	123.4	.4961
#1	2341.	.4884	655.6	1.639	623.4	-3.422	95.02
#2	2338.	.3204	653.1	1.145	432.7	-.2326	94.35
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	960.7	8.499	4.760	87.85	951.8	654.4	654.4
SDev	.3	1.166	.731	.57	.2	4.6	.4
%RSD	.0343	13.72	15.36	.6442	.0239	.7003	.0561
#1	960.9	9.323	5.277	87.45	951.6	657.6	654.6
#2	960.5	7.674	4.243	88.25	952.0	651.1	654.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.110	2.632
SDev	.643	.203
%RSD	57.93	7.699
#1	-.6554	2.775
#2	-1.565	2.489
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	□□Analysis

Report 08/24/09 06:45:22 PM page 48

Avge	1054	--	--	--	--	--	--
SDev	.0904599	--	--	--	--	--	--
%RSD	.0085850	--	--	--	--	--	--
#1	1054	--	--	--	--	--	--
#2	1054	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4862-I-5-B@4 Operator:
Run Time: 08/24/09 18:45:25
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35940.	4.909	41.90	489.6	4.836	-.5861	16610.
SDev	28.	1.383	2.37	.6	.047	.0462	10.
%RSD	.0784	28.18	5.647	.1178	.9776	7.879	.0631
#1	35920.	3.931	43.58	489.2	4.869	-.5534	16600.
#2	35960.	5.887	40.23	490.0	4.802	-.6188	16620.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	72.33	178.2	648.7	111400.	6782.	2601.	111.9
SDev	.15	.9	.5	73.	13.	.	.2
%RSD	.2042	.5219	.0846	.0659	.1913	.0027	.1886
#1	72.23	177.6	649.1	111400.	6773.	2601.	111.8
#2	72.44	178.9	648.3	111500.	6791.	2601.	112.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2936.	.6330	1267.	3.471	396.4	-1.419	94.64
SDev	4.	.2203	2.	.246	33.7	2.395	.42
%RSD	.1214	34.80	.1306	7.094	8.513	168.7	.4427
#1	2934.	.7888	1266.	3.645	372.6	-3.113	94.93
#2	2939.	.4772	1269.	3.297	420.3	.2742	94.34
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

□□Analysis
Report 08/24/09 06:51:36 PM page 50

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	481.4	16.72	5.622	144.4	996.5	1258.	1272.
SDev	.1	.26	.118	2.9	.9	1.	3.
%RSD	.0281	1.582	2.091	2.023	.0907	.1031	.2460
#1	481.5	16.54	5.705	146.4	995.9	1259.	1270.
#2	481.3	16.91	5.539	142.3	997.1	1257.	1274.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	-3.737	7.060
SDev	3.821	1.538
%RSD	102.3	21.79
#1	-1.035	5.972
#2	-6.439	8.148
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1047	--	--	--	--	--	--
SDev	1.131440	--	--	--	--	--	--
%RSD	.1080839	--	--	--	--	--	--
#1	1048	--	--	--	--	--	--
#2	1046	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4862-I-6-B@4 Operator:
Run Time: 08/24/09 18:51:39
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34470.	1.592	18.89	455.3	2.386	-.0997	57890.
SDev	48.	1.830	.31	.9	.057	.1875	77.
%RSD	.1386	115.0	1.640	.1891	2.389	188.1	.1325

#1	34430.	2.885	19.11	455.9	2.427	-.2323	57950.
#2	34500.	.2977	18.67	454.7	2.346	.0329	57840.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	68.88	28.09	156.6	72460.	14720.	1033.	49.76
SDev	.18	.91	.0	38.	2.	3.	.30
%RSD	.2631	3.229	.0023	.0527	.0118	.2595	.6039
#1	68.75	27.45	156.6	72490.	14720.	1031.	49.97
#2	69.01	28.73	156.6	72430.	14720.	1035.	49.55
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2937.	2.126	688.7	2.474	190.6	-4.462	103.3
SDev	18.	.056	2.2	2.012	3.3	1.476	.1
%RSD	.6296	2.634	.3232	81.31	1.711	33.07	.0855
#1	2950.	2.086	690.2	3.897	192.9	-5.505	103.3
#2	2924.	2.165	687.1	1.052	188.3	-3.418	103.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	713.9	9.496	2.966	48.97	1322.	691.9	687.1
SDev	1.7	.522	.179	3.42	.	5.2	.7
%RSD	.2424	5.498	6.039	6.983	.0207	.7550	.1060
#1	715.1	9.865	2.839	51.39	1323.	695.6	687.6

#2	712.7	9.127	3.092	46.55	1322.	688.2	686.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.034	5.214					
SDev	2.088	4.058					
%RSD	68.80	77.83					
#1	-4.511	8.084					
#2	-1.558	2.345					
Errors	NOCHECK	NOCHECK					
High							

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1064	--	--	--	--	--	--
SDev	3.529837	--	--	--	--	--	--
%RSD	.3318514	--	--	--	--	--	--
#1	1061	--	--	--	--	--	--
#2	1066	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4862-I-7-B@4 Operator:
Run Time: 08/24/09 18:57:53
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25510.	7.341	49.56	405.4	3.339	1.358	134500.
SDev	21.	2.271	1.15	.4	.010	.239	44.
%RSD	.0825	30.93	2.329	.0912	.2910	17.62	.0330
#1	25520.	5.736	48.74	405.6	3.346	1.188	134400.
#2	25490.	8.947	50.38	405.1	3.332	1.527	134500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	58.12	28.69	259.4	110000.	22220.	1626.	52.94
SDev	.42	.23	.5	34.	1.	3.	.29
%RSD	.7266	.8052	.1882	.0310	.0051	.2021	.5562
#1	58.42	28.85	259.0	110000.	22220.	1629.	52.73
#2	57.82	28.52	259.7	109900.	22220.	1624.	53.15
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3854.	.0286	694.0	2.381	504.2	-2.739	79.95
SDev	8.	.1789	2.5	.454	14.6	4.080	.10
%RSD	.2201	626.5	.3605	19.08	2.892	148.9	.1247

#1	3860.	.1550	692.2	2.703	493.8	-5.624	80.03
#2	3848.	-.0979	695.8	2.060	514.5	.1455	79.88
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1446.	24.37	5.129	45.97	1120.	692.8	694.6
SDev	.	1.89	.354	2.03	1.	1.0	4.2
%RSD	.0052	7.763	6.895	4.426	.1171	.1436	.6115
#1	1446.	23.03	4.879	47.41	1121.	693.5	691.6
#2	1446.	25.71	5.379	44.53	1120.	692.1	697.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.675	4.397					
SDev	.347	.508					
%RSD	20.72	11.55					
#1	-1.430	4.756					
#2	-1.921	4.038					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1061	--	--	--	--	--	--
SDev	2.308024	--	--	--	--	--	--
%RSD	.2175410	--	--	--	--	--	--
#1	1059	--	--	--	--	--	--
#2	1063	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4862-I-8-B@4 Operator:
Run Time: 08/24/09 19:04:06
Comment: IDL: 6010 & 200.7

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24740.	2.422	27.93	338.8	2.154	-.2259	59640.
SDev	20.	.072	2.15	.1	.000	.1923	171.
%RSD	.0796	2.952	7.710	.0439	.0049	85.12	.2871
#1	24750.	2.473	29.46	338.7	2.154	-.0899	59760.
#2	24720.	2.372	26.41	338.9	2.154	-.3618	59520.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	75.47	35.15	141.4	99180.	33520.	1033.	52.98
SDev	.31	.52	.5	250.	64.	2.	.43
%RSD	.4042	1.466	.3513	.2520	.1914	.2012	.8199
#1	75.68	35.52	141.8	99360.	33560.	1034.	52.67
#2	75.25	34.79	141.0	99000.	33470.	1032.	53.28
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	2660.	.0199	711.0	5.866	305.3	-7.329	106.7
SDev	9.	.7660	.6	.526	83.0	.142	.3
%RSD	.3365	3854.	.0899	8.960	27.17	1.938	.2804
#1	2666.	.5615	711.4	6.238	364.0	-7.429	106.9
#2	2653.	-.5217	710.5	5.494	246.6	-7.228	106.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	534.7	7.333	4.001	67.14	1059.	709.2	711.8
SDev	1.7	.762	.212	1.25	2.	4.0	1.1
%RSD	.3141	10.40	5.287	1.866	.1612	.5671	.1475
#1	535.9	6.794	4.151	66.25	1060.	712.1	711.1
#2	533.5	7.872	3.852	68.03	1058.	706.4	712.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.168	8.201					
SDev	.500	1.038					

%RSD	42.78	12.65
#1	.8149	8.935
#2	1.522	7.468
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1059	--	--	--	--	--	--
SDev	3.620383	--	--	--	--	--	--
%RSD	.3418862	--	--	--	--	--	--
#1	1056	--	--	--	--	--	--
#2	1062	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4862-I-9-B@4 Operator:
Run Time: 08/24/09 19:10:21
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18250.	2.390	36.73	452.5	2.473	.1909	127500.
SDev	12.	1.756	.31	.2	.014	.1659	8.
%RSD	.0635	73.49	.8467	.0388	.5648	86.87	.0061
#1	18260.	3.632	36.95	452.6	2.463	.0736	127500.
#2	18240.	1.148	36.51	452.3	2.483	.3082	127500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.90	47.51	441.7	75030.	44410.	863.2	63.34
SDev	.60	.10	.2	18.	38.	.3	.27
%RSD	1.333	.2078	.0512	.0235	.0854	.0391	.4217
#1	45.32	47.58	441.8	75050.	44440.	863.4	63.15

#2	44.48	47.44	441.5	75020.	44380.	862.9	63.53
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2647.	.3404	932.1	5.238	921.1	-1.547	54.79
SDev	1.	.1404	2.0	1.509	79.2	1.388	.40
%RSD	.0259	41.24	.2144	28.80	8.598	89.70	.7336
#1	2647.	.4397	933.5	4.172	977.1	-2.529	55.07
#2	2646.	.2412	930.7	6.305	865.1	-.5658	54.50
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	370.2	29.90	6.010	103.0	762.2	922.1	937.1
SDev	.5	.16	1.079	2.8	.5	.1	3.0
%RSD	.1309	.5281	17.95	2.711	.0637	.0093	.3244
#1	369.9	29.79	5.247	104.9	762.5	922.1	939.2
#2	370.5	30.01	6.773	101.0	761.8	922.2	934.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.755	6.468
SDev	1.117	1.704
%RSD	40.56	26.35
#1	1.965	5.263
#2	3.545	7.673
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1043	--	--	--	--	--	--
SDev	.9503474	--	--	--	--	--	--
%RSD	.0911412	--	--	--	--	--	--
#1	1042	--	--	--	--	--	--
#2	1043	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4677-A-1-B@4 Operator:
Run Time: 08/24/09 19:16:35
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27560.	3.283	44.46	337.7	1.713	1.219	82770.
SDev	352.	.009	.50	4.6	.025	.083	1112.
%RSD	1.276	.2682	1.122	1.357	1.447	6.836	1.343
#1	27310.	3.289	44.81	334.4	1.730	1.160	81980.
#2	27810.	3.277	44.11	340.9	1.695	1.278	83550.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.

Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	58.53	17.22	147.8	50440.	8706.	1499.	36.74
SDev	.66	.21	2.2	649.	113.	20.	.65
%RSD	1.134	1.216	1.475	1.287	1.301	1.336	1.777
#1	58.06	17.07	146.3	49980.	8625.	1484.	36.28
#2	59.00	17.37	149.4	50900.	8786.	1513.	37.20
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2104.	.2446	298.8	.6746	712.8	-3.343	71.90
SDev	45.	.0041	2.6	3.028	47.9	1.251	.68
%RSD	2.158	1.671	.8588	448.9	6.724	37.44	.9513
#1	2071.	.2417	297.0	-1.467	746.6	-4.228	71.42
#2	2136.	.2474	300.6	2.816	678.9	-2.458	72.39
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1591.	26.11	5.577	23.28	936.1	300.4	298.0
SDev	21.	1.33	.578	2.31	12.1	3.2	2.2
%RSD	1.330	5.086	10.37	9.922	1.295	1.074	.7506
#1	1576.	25.17	5.986	21.64	927.6	298.1	296.4
#2	1606.	27.05	5.169	24.91	944.7	302.7	299.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	5000.	2000.	5000.	2000.	20000.
Low	-30.00	-10.00	-10.00	-10.00	-10.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.971	3.483
SDev	2.208	5.642
%RSD	44.41	162.0
#1	-3.410	-.5066
#2	-6.532	7.473
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1040	--	--	--	--	--	--
SDev	10.00135	--	--	--	--	--	--
%RSD	.9614018	--	--	--	--	--	--
#1	1047	--	--	--	--	--	--
#2	1033	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4677-B-3-A@4 Operator:
Run Time: 08/24/09 19:22:49
Comment: BAT E1
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36100.	6.024	19.84	500.6	1.903	2.060	23240.

SDev	70.	.699	1.38	2.0	.001	.018	54.
%RSD	.1945	11.60	6.979	.4060	.0609	.8607	.2315
#1	36150.	6.518	20.82	502.0	1.902	2.073	23280.
#2	36050.	5.530	18.86	499.2	1.904	2.047	23200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	67.78	31.79	424.8	87170.	19110.	1429.	83.03
SDev	.41	.19	.1	190.	32.	1.	.04
%RSD	.6096	.6126	.0310	.2175	.1656	.0365	.0474

#1	67.48	31.65	424.7	87310.	19130.	1429.	83.06
#2	68.07	31.93	424.9	87040.	19090.	1430.	83.00
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3234.	.2167	1473.	2.689	988.4	-5.041	141.7
SDev	21.	.3530	2.	1.944	136.3	2.059	.1
%RSD	.6628	162.9	.1395	72.28	13.80	40.84	.1035
#1	3249.	.4663	1475.	1.315	891.9	-3.585	141.6
#2	3219.	-.0329	1472.	4.064	1085.	-6.497	141.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1121.	38.25	4.470	141.5	2349.	1483.	1469.
SDev	2.	1.30	.503	.2	6.	2.	4.
%RSD	.1404	3.400	11.26	.1766	.2580	.1486	.2847
#1	1122.	39.17	4.114	141.4	2353.	1481.	1472.
#2	1120.	37.33	4.826	141.7	2344.	1484.	1466.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.038	5.539
SDev	.544	3.186
%RSD	17.91	57.52
#1	-2.653	3.286
#2	-3.423	7.792
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1080	--	--	--	--	--	--
SDev	4.480271	--	--	--	--	--	--
%RSD	.4148521	--	--	--	--	--	--
#1	1077	--	--	--	--	--	--

#2	1083	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4677-B-4-A@4 Operator:
Run Time: 08/24/09 19:29:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47400.	2.093	12.52	286.0	1.549	2.709	12520.
SDev	97.	1.662	3.44	.2	.000	.062	16.
%RSD	.2047	79.39	27.51	.0737	.0093	2.299	.1285
#1	47460.	3.269	14.95	286.2	1.549	2.665	12530.
#2	47330.	.9182	10.08	285.9	1.549	2.753	12510.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	93.29	14.11	68.01	69670.	4253.	492.1	35.07
SDev	.13	.22	.03	44.	2.	1.0	.10
%RSD	.1379	1.581	.0441	.0637	.0416	.2050	.2884
#1	93.38	14.27	68.03	69710.	4254.	492.8	35.14
#2	93.20	13.96	67.99	69640.	4252.	491.4	35.00
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1030.	-.2954	191.1	4.565	302.6	-2.949	126.7
SDev	2.	.0022	.3	.167	.3	3.633	.1
%RSD	.1904	.7305	.1342	3.664	.1000	123.2	.0637
#1	1029.	-.2969	190.9	4.447	302.8	-.3802	126.8
#2	1032.	-.2939	191.3	4.683	302.4	-5.518	126.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2143.	7.089	3.558	27.56	476.1	190.9	191.2
SDev	1.	.480	.158	1.72	1.0	.1	.4
%RSD	.0259	6.775	4.453	6.229	.2027	.0440	.2231
#1	2143.	7.428	3.446	28.77	476.8	190.9	190.9
#2	2144.	6.749	3.670	26.35	475.5	190.8	191.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.0295	6.849
SDev	.9226	.210
%RSD	3124.	3.064
#1	-.6819	6.997
#2	.6228	6.701
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1085	--	--	--	--	--	--
SDev	.4525587	--	--	--	--	--	--
%RSD	.0417231	--	--	--	--	--	--
#1	1084	--	--	--	--	--	--
#2	1085	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4677-B-5-A@4 Operator:
Run Time: 08/24/09 19:35:18
Comment: BATCH
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27700.	15.47	52.88	644.7	1.602	3.197	42100.
SDev	3.	.88	.93	1.5	.029	.034	25.
%RSD	.0104	5.681	1.757	.2328	1.788	1.078	.0589
#1	27700.	16.10	53.53	643.6	1.622	3.173	42080.
#2	27700.	14.85	52.22	645.7	1.581	3.221	42110.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.31	23.83	376.4	95430.	4009.	1747.	50.53
SDev	.52	.74	.6	91.	6.	1.	1.39
%RSD	.9869	3.090	.1558	.0954	.1383	.0606	2.741
#1	51.95	24.35	375.9	95370.	4005.	1746.	49.55
#2	52.68	23.31	376.8	95500.	4013.	1748.	51.51
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1901.	.4384	10290.	11.24	866.3	-2.019	85.09
SDev	3.	.0965	12.	.42	37.5	.758	.06
%RSD	.1602	22.00	.1138	3.763	4.331	37.57	.0753
#1	1899.	.5066	10300.	10.94	839.8	-1.483	85.04
#2	1903.	.3702	10290.	11.54	892.8	-2.555	85.13
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3789.	10.43	18.27	161.5	705.6	10210.	10340.
SDev	6.	.31	.23	.3	.7	20.	8.
%RSD	.1490	2.928	1.238	.1942	.0961	.1935	.0745
#1	3785.	10.65	18.11	161.8	705.1	10230.	10340.
#2	3793.	10.21	18.43	161.3	706.1	10200.	10330.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	6.899	13.40
SDev	.846	1.06

%RSD	12.26	7.883
#1	7.497	12.66
#2	6.301	14.15
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7

□□Analysis Report 08/24/09 07:41:29 PM page 71

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1047	--	--	--	--	--	--
SDev	.1356899	--	--	--	--	--	--
%RSD	.0129542	--	--	--	--	--	--
#1	1048	--	--	--	--	--	--
#2	1047	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 150234 Operator:
Run Time: 08/24/09 19:41:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123100.	1004.	4953.	10110.	996.3	2489.	124700.
SDev	140.	4.	8.	9.	.2	.	24.
%RSD	.1139	.3657	.1664	.0885	.0232	.0140	.0189
#1	123200.	1006.	4947.	10120.	996.4	2489.	124700.
#2	123000.	1001.	4959.	10110.	996.1	2489.	124700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4938.	2457.	12350.	99920.	124300.	4913.	2502.
SDev	2.	3.	5.	35.	124.	1.	2.
%RSD	.0417	.1416	.0373	.0354	.1000	.0242	.0827
#1	4939.	2459.	12350.	99940.	124300.	4914.	2503.
#2	4936.	2454.	12350.	99890.	124200.	4912.	2500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47920.	1244.	9922.	4920.	120800.	4964.	2437.
SDev	18.	1.	3.	4.	93.	4.	.
%RSD	.0381	.0770	.0315	.0910	.0767	.0890	.0025
#1	47900.	1245.	9924.	4917.	120900.	4961.	2437.
#2	47930.	1243.	9920.	4924.	120800.	4967.	2437.

□□Analysis Report 08/24/09 07:47:44 PM page 73

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2452.	996.8	2491.	958.2	9909.	9806.	9980.
SDev	1.	.3	3.	3.7	3.	20.	15.
%RSD	.0386	.0315	.1006	.3850	.0343	.2054	.1477

#1	2451.	997.0	2489.	955.6	9912.	9792.	9990.
#2	2452.	996.5	2493.	960.8	9907.	9820.	9970.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4834.	4963.
SDev	7.	3.
%RSD	.1427	.0658
#1	4829.	4961.
#2	4839.	4966.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	994	--	--	--	--	--	--
SDev	3.303601	--	--	--	--	--	--
%RSD	.3323702	--	--	--	--	--	--
#1	996	--	--	--	--	--	--
#2	992	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 08/24/09 19:47:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	-12.29	1.272	-1.258	-.2862	-.0166	-.0078	-13.78
SDev	5.40	.411	.690	.0474	.0025	.0093	.39
%RSD	43.96	32.30	54.87	16.55	15.07	119.1	2.833
#1	-16.11	.9818	-.7698	-.2527	-.0183	-.0144	-14.06
#2	-8.471	1.563	-1.746	-.3197	-.0148	-.0012	-13.50
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1041	-.3082	.5775	-3.009	4.744	-.1237	.0010
SDev	.0479	.1689	.1701	4.362	1.238	.0008	.2104
%RSD	46.02	54.80	29.45	145.0	26.09	.6589	21580.
#1	-.1379	-.4276	.6978	.0758	3.869	-.1243	.1498
#2	-.0702	-.1888	.4572	-6.093	5.619	-.1231	-.1478
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-17.76	-.5198	.9624	.5860	-391.0	2.085	.0591
SDev	8.01	.1331	.1413	.2736	70.7	.126	.4675
%RSD	45.12	25.60	14.68	46.70	18.08	6.042	790.6
#1	-23.43	-.4257	.8625	.7795	-341.0	1.996	-.2714
#2	-12.10	-.6139	1.062	.3925	-441.0	2.174	.3897
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.095	-.2067	.1470	.1539	-.2268	2.019	.4304
SDev	.259	.3691	.2744	1.480	.0675	.509	.4661
%RSD	23.64	178.6	186.6	961.6	29.76	25.22	108.3
#1	-1.278	.0543	.3411	1.200	-.2745	2.379	.1008
#2	-.9122	-.4677	-.0470	-.8927	-.1791	1.659	.7600
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.5868	.5755
SDev	1.725	1.272
%RSD	294.1	221.0
#1	-.6333	1.475
#2	1.807	-.3237
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1040	--	--	--	--	--	--
SDev	2.398484	--	--	--	--	--	--
%RSD	.2306731	--	--	--	--	--	--
#1	1041	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4677-A-6-B@4 Operator:
Run Time: 08/24/09 19:54:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18330.	2.831	37.89	434.3	1.572	.1565	8889.
SDev	636.	.830	.60	15.1	.014	.2452	295.
%RSD	3.470	29.30	1.574	3.472	.9206	156.7	3.314
#1	17880.	3.418	37.47	423.7	1.562	.3299	8681.
#2	18780.	2.244	38.31	445.0	1.582	-.0169	9098.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.52	21.50	142.3	40000.	7625.	831.2	83.29
SDev	2.22	1.08	3.7	1368.	263.	26.9	3.34
%RSD	4.072	5.003	2.619	3.419	3.452	3.242	4.005
#1	52.95	20.74	139.7	39030.	7439.	812.2	80.93
#2	56.09	22.26	144.9	40970.	7812.	850.3	85.65
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	4423.	-.2461	378.4	3.712	1289.	-2.057	82.04
SDev	203.	.6572	11.0	.871	21.	5.864	3.15
%RSD	4.579	267.0	2.908	23.46	1.636	285.1	3.838
#1	4280.	.2186	370.7	4.328	1304.	2.090	79.81
#2	4566.	-.7108	386.2	3.096	1274.	-6.203	84.26
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	406.5	9.714	7.057	400.6	354.6	379.6	377.8
SDev	14.6	.217	.661	10.4	11.8	12.3	10.4
%RSD	3.579	2.230	9.374	2.599	3.326	3.242	2.741
#1	396.2	9.867	7.525	393.2	346.2	370.9	370.5
#2	416.8	9.560	6.589	407.9	362.9	388.3	385.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.329	7.218
SDev	4.773	1.077
%RSD	143.4	14.92
#1	.0461	6.456
#2	-6.704	7.979
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1071	--	--	--	--	--	--
SDev	29.86818	--	--	--	--	--	--
%RSD	2.788708	--	--	--	--	--	--
#1	1092	--	--	--	--	--	--
#2	1050	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4677-A-7-B@4 Operator:
Run Time: 08/24/09 20:00:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20170.	5.251	40.27	929.7	1.450	5.995	8878.
SDev	16.	.620	1.21	1.0	.016	.095	1.
%RSD	.0818	11.81	3.011	.1052	1.116	1.582	.0067
#1	20160.	4.812	39.41	930.4	1.439	5.928	8877.
#2	20180.	5.689	41.12	929.0	1.462	6.063	8878.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.94	18.73	773.5	50090.	2996.	943.8	54.80
SDev	.02	.58	.1	26.	6.	.5	.15
%RSD	.0292	3.121	.0072	.0511	.1979	.0524	.2664

#1	52.96	18.31	773.4	50100.	2992.	943.4	54.90
#2	52.93	19.14	773.5	50070.	3000.	944.1	54.69
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3262.	10.16	2463.	5.865	943.0	-1.997	96.49
SDev	11.	.45	6.	1.519	54.2	1.358	.21
%RSD	.3245	4.399	.2402	25.90	5.749	68.01	.2176
#1	3269.	9.843	2467.	6.939	904.6	-2.958	96.34
#2	3255.	10.47	2459.	4.791	981.3	-1.037	96.63
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1803.	8.082	8.169	108.2	423.2	2443.	2472.
SDev	2.	.024	.754	1.3	.1	12.	3.
%RSD	.0868	.2961	9.233	1.236	.0260	.4731	.1252
#1	1804.	8.099	7.636	107.2	423.3	2452.	2475.
#2	1801.	8.065	8.702	109.1	423.1	2435.	2470.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Units	ppb	ppb
Avge	1.417	8.075
SDev	.818	1.869
%RSD	57.70	23.14
#1	1.995	9.396
#2	.8390	6.754
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1037	--	--	--	--	--	--
SDev	2.579576	--	--	--	--	--	--
%RSD	.2488708	--	--	--	--	--	--
#1	1035	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4783-A-1-E@4 Operator:
Run Time: 08/24/09 20:06:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29150.	1.876	15.80	169.4	1.444	.5992	12380.
SDev	12.	1.989	.85	.1	.011	.3464	7.
%RSD	.0415	106.0	5.393	.0519	.7541	57.81	.0588
#1	29140.	3.283	15.19	169.4	1.436	.8441	12390.
#2	29160.	.4699	16.40	169.3	1.451	.3542	12380.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	67.58	20.22	94.12	58410.	6973.	898.3	42.83
SDev	.48	.75	1.13	55.	8.	.5	.34
%RSD	.7058	3.697	1.200	.0936	.1088	.0586	.7867
#1	67.92	19.69	93.33	58450.	6968.	897.9	43.07
#2	67.24	20.74	94.92	58370.	6979.	898.7	42.60

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1343.	-.0160	246.6	5.117	100.1	-1.935	108.6
SDev	24.	.2406	3.5	1.187	185.7	1.518	.1
%RSD	1.809	1501.	1.400	23.19	185.4	78.45	.1253
#1	1360.	-.1861	249.1	5.956	231.5	-3.008	108.7
#2	1326.	.1541	244.2	4.278	-31.17	-.8615	108.5

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	281.0	10.01	4.038	9.337	1018.	247.5	246.2
SDev	.1	.80	.856	1.724	1.	1.4	4.5
%RSD	.0240	8.003	21.20	18.46	.0527	.5514	1.826
#1	281.0	10.57	3.433	10.56	1018.	248.5	249.4
#2	281.1	9.439	4.644	8.118	1019.	246.6	243.0

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.1739	7.748					
SDev	3.2683	.147					
%RSD	1880.	1.900					
#1	2.137	7.853					
#2	-2.485	7.644					

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1043	--	--	--	--	--	--
SDev	5.204296	--	--	--	--	--	--
%RSD	.4988321	--	--	--	--	--	--
#1	1040	--	--	--	--	--	--
#2	1047	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4783-A-2-E@4 Operator:
Run Time: 08/24/09 20:12:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	42960.	-1.115	26.45	242.1	2.049	.1415	11200.
SDev	104.	1.959	.94	.3	.021	.1693	9.
%RSD	.2432	175.8	3.539	.1439	1.041	119.6	.0822
#1	43040.	-2.500	27.12	241.8	2.065	.0218	11200.
#2	42890.	.2706	25.79	242.3	2.034	.2612	11190.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	95.25	28.37	116.3	82810.	9452.	1481.	58.94
SDev	.16	.53	1.1	16.	28.	5.	.53
%RSD	.1697	1.874	.9838	.0191	.2965	.3378	.8958
#1	95.36	28.75	117.1	82800.	9472.	1484.	59.31
#2	95.13	28.00	115.4	82820.	9433.	1477.	58.57
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1717.	-.1344	320.2	2.958	257.6	-1.748	162.5
SDev	1.	.1671	.0	1.910	106.2	4.614	.6
%RSD	.0332	124.4	.0109	64.56	41.22	264.0	.3508
#1	1717.	-.0162	320.2	4.308	182.5	-5.010	162.9
#2	1716.	-.2526	320.2	1.608	332.7	1.515	162.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	329.4	7.965	4.936	10.50	1263.	322.6	319.1
SDev	.1	.538	.189	1.56	2.	1.4	.7
%RSD	.0363	6.756	3.833	14.87	.1194	.4454	.2083

#1	329.3	8.345	5.070	9.393	1264.	321.5	319.5
#2	329.5	7.584	4.802	11.60	1262.	323.6	318.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.3780	4.614					
SDev	1.9139	1.907					
%RSD	506.4	41.34					
#1	.9754	5.962					
#2	-1.731	3.265					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1072	--	--	--	--	--	--
SDev	.7240249	--	--	--	--	--	--
%RSD	.0675437	--	--	--	--	--	--
#1	1072	--	--	--	--	--	--
#2	1071	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4784-A-1-C@4 Operator:
Run Time: 08/24/09 20:18:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30600.	2.751	15.70	584.2	2.112	6.300	9975.
SDev	120.	.724	.12	3.4	.021	.003	39.
%RSD	.3934	26.33	.7434	.5876	.9778	.0433	.3874
#1	30510.	3.263	15.78	581.8	2.127	6.302	9948.
#2	30680.	2.238	15.62	586.6	2.098	6.298	10000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	87.24	23.48	309.5	57140.	8751.	1126.	62.54
SDev	.17	.06	2.1	285.	28.	5.	.03
%RSD	.1925	.2742	.6944	.4987	.3157	.4341	.0529
#1	87.36	23.44	308.0	56940.	8731.	1122.	62.56
#2	87.12	23.53	311.0	57340.	8770.	1129.	62.51
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2031.	.8228	1003.	6.254	1023.	-3.680	176.8
SDev	4.	.0349	.	.441	2.	2.869	.8
%RSD	.2046	4.247	.0312	7.052	.2079	77.96	.4268
#1	2028.	.7981	1002.	5.942	1022.	-5.708	176.3
#2	2034.	.8475	1003.	6.566	1025.	-1.651	177.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H6241.	10.72	2.133	69.82	935.7	997.1	1005.
SDev	22.	.80	.401	.46	4.4	1.8	.
%RSD	.3500	7.501	18.80	.6563	.4715	.1780	.0415
#1	H6225.	11.29	1.849	69.50	932.6	995.8	1006.
#2	H6256.	10.15	2.416	70.14	938.8	998.3	1005.
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5.218	6.761
SDev	2.659	1.988
%RSD	50.95	29.41
#1	7.098	5.355
#2	3.339	8.167
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--

Avge	1073	--	--	--	--	--	--
SDev	3.167911	--	--	--	--	--	--
%RSD	.2952672	--	--	--	--	--	--
#1	1075	--	--	--	--	--	--
#2	1071	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4784-A-2-C@4 Operator:
Run Time: 08/24/09 20:25:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3803.	1.707	1.145	7.806	.0433	-.3635	406.2
SDev	5.	.360	.492	.001	.0004	.0413	.4
%RSD	.1198	21.11	43.01	.0187	.8455	11.37	.0925
#1	3806.	1.453	1.493	7.805	.0436	-.3927	405.9
#2	3799.	1.962	.7965	7.807	.0431	-.3343	406.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.95	-.3010	7.727	20320.	74.09	7.017	1.060
SDev	.09	.3488	.187	13.	7.78	.065	.638
%RSD	.8505	115.9	2.415	.0618	10.51	.9230	60.24
#1	11.02	-.0543	7.595	20320.	68.58	7.063	1.511
#2	10.88	-.5476	7.859	20330.	79.59	6.971	.6083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	231.4	.1431	5.437	1.149	-327.6	-2.025	14.41
SDev	4.4	.2462	2.037	5.356	100.3	3.498	.01
%RSD	1.914	172.0	37.46	466.3	30.62	172.7	.0724
#1	228.3	-.0309	3.997	-2.639	-256.7	.4484	14.42
#2	234.5	.3172	6.877	4.936	-398.6	-4.498	14.40
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32.73	-1.152	2.181	5.110	185.0	5.935	5.183
SDev	.14	.001	1.430	1.919	.0	1.358	2.375
%RSD	.4288	.1238	65.58	37.56	.0015	22.88	45.82
#1	32.83	-1.153	1.169	3.752	185.0	4.975	3.504
#2	32.63	-1.151	3.192	6.467	185.0	6.895	6.863
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.344	3.880
SDev	3.909	6.079
%RSD	89.99	156.7

#1	-7.108	-.4181
#2	-1.580	8.178

Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1016	--	--	--	--	--	--
SDev	.1810062	--	--	--	--	--	--
%RSD	.0178088	--	--	--	--	--	--
#1	1017	--	--	--	--	--	--
#2	1016	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4823-A-1-E@4 Operator:
Run Time: 08/24/09 20:31:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2138.	.3731	-.7315	6.176	.0947	-.3630	119.3
SDev	5.	.0385	2.9119	.059	.0109	.0550	1.6
%RSD	.2432	10.32	398.1	.9557	11.53	15.15	1.299

#1	2141.	.4003	-2.790	6.217	.1024	-.4019	118.2
#2	2134.	.3459	1.328	6.134	.0870	-.3241	120.4

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.13	.4294	2.619	7327.	53.10	24.76	1.036
SDev	1.03	.2843	.530	6.	10.07	.04	.494
%RSD	9.236	66.22	20.23	.0832	18.97	.1784	47.72
#1	10.40	.2283	2.244	7323.	45.98	24.79	.6865
#2	11.85	.6304	2.993	7331.	60.22	24.73	1.386

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.53	-.0941	7.222	-.8038	-351.2	-2.940	10.26
SDev	9.27	.1534	.281	.2370	118.3	1.767	.21
%RSD	52.88	163.1	3.892	29.49	33.70	60.09	2.031
#1	24.08	-.2026	7.023	-.9714	-434.9	-1.691	10.41
#2	10.97	.0144	7.421	-.6362	-267.5	-4.189	10.11

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.131	-2.524	1.505	1.773	255.9	9.356	6.153
SDev	.041	.807	.268	.810	.7	1.253	1.047
%RSD	.6747	31.98	17.82	45.69	.2747	13.39	17.02
#1	6.102	-1.954	1.316	1.200	255.4	10.24	5.412
#2	6.160	-3.095	1.695	2.346	256.3	8.470	6.893

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		

Low	-30.00	-10.00	-10.00	-10.00	-10.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.641	2.100
SDev	1.147	.217
%RSD	17.28	10.35
#1	-7.452	2.254
#2	-5.829	1.946
Errors	NOCHECK	NOCHECK
High		

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1040	--	--	--	--	--	--
SDev	1.810235	--	--	--	--	--	--
%RSD	.1741146	--	--	--	--	--	--
#1	1038	--	--	--	--	--	--
#2	1041	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4823-A-2-M@4 Operator:
Run Time: 08/24/09 20:37:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32110.	2.418	32.57	874.6	2.052	4.164	9320.
SDev	68.	1.082	2.65	2.9	.014	.114	14.
%RSD	.2111	44.74	8.142	.3300	.6863	2.734	.1493
#1	32150.	3.183	34.45	872.6	2.042	4.244	9330.
#2	32060.	1.653	30.70	876.7	2.062	4.083	9310.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	80.29	30.39	323.4	65570.	9436.	1201.	74.45
SDev	.78	.09	1.0	17.	21.	3.	.22
%RSD	.9734	.2980	.2950	.0259	.2242	.2901	.2939
#1	80.84	30.32	324.1	65580.	9451.	1204.	74.29
#2	79.74	30.45	322.7	65560.	9421.	1199.	74.60
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2377.	1.212	1961.	2.755	991.9	-4.732	183.5
SDev	9.	.109	8.	2.533	50.0	3.837	1.4
%RSD	.3778	9.006	.3998	91.93	5.037	81.09	.7642

#1	2383.	1.289	1966.	4.546	1027.	-2.019	184.4
#2	2370.	1.135	1955.	.9641	956.5	-7.446	182.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4710.	10.88	4.106	43.17	1084.	1963.	1960.
SDev	2.	.27	.536	.27	1.	12.	6.
%RSD	.0457	2.499	13.04	.6242	.0812	.5880	.3056
#1	4711.	10.68	4.484	42.98	1085.	1971.	1964.
#2	4708.	11.07	3.727	43.36	1084.	1955.	1956.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.7755	4.508
SDev	4.2205	1.690
%RSD	544.2	37.49
#1	2.209	5.703
#2	-3.760	3.313
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1066	--	--	--	--	--	--
SDev	2.534260	--	--	--	--	--	--
%RSD	.2377104	--	--	--	--	--	--
#1	1064	--	--	--	--	--	--
#2	1068	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4825-A-1-G@4 Operator:
Run Time: 08/24/09 20:43:57
Comment: BAT E1
Analysis Report 08/24/09 08:50:08 PM page 98

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28170.	1.284	20.05	37.95	4.697	-1.147	3310.
SDev	112.	.821	.99	.03	.020	.310	10.
%RSD	.3970	63.98	4.934	.0704	.4336	27.01	.3026
#1	28250.	.7030	19.35	37.97	4.683	-1.366	3317.
#2	28100.	1.865	20.75	37.93	4.711	-.9279	3302.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	529.3	6.731	10.83	66030.	7343.	85.47	19.34
SDev	1.9	.248	3.12	233.	16.	.27	.40
%RSD	.3544	3.689	28.83	.3528	.2141	.3206	2.058
#1	530.6	6.907	13.04	66190.	7354.	85.66	19.06
#2	528.0	6.556	8.621	65870.	7332.	85.28	19.62
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15440.	-.8112	16.86	-2.623	159.6	-1.401	318.0
SDev	55.	.0422	1.73	.172	67.4	.620	1.9
%RSD	.3552	5.199	10.27	6.570	42.21	44.26	.6088

#1	15480.	-.8410	18.08	-2.501	112.0	-.9628	319.4
#2	15410.	-.7813	15.63	-2.745	207.3	-1.840	316.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	180.8	111.4	-.2562	5.286	455.1	20.83	14.87
SDev	.2	.1	.1013	1.238	1.7	1.56	1.82
%RSD	.1158	.1237	39.52	23.42	.3718	7.483	12.22
#1	181.0	111.3	-.3278	4.411	456.3	21.93	16.15
#2	180.7	111.5	-.1846	6.162	453.9	19.72	13.58
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-9.606	.8533					
SDev	3.553	1.516					
%RSD	36.99	177.6					
#1	-7.093	-.2183					
#2	-12.12	1.925					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1037	--	--	--	--	--	--
SDev	3.303601	--	--	--	--	--	--
%RSD	.3186245	--	--	--	--	--	--
#1	1034	--	--	--	--	--	--
#2	1039	--	--	--	--	--	--

Method: SW846 Sample Name: 460-4869-C-7-A@3 Operator:
Run Time: 08/24/09 20:50:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	79.31	-.9451	.5968	242.2	-.0507	-1.179	32020.
SDev	1.54	1.0901	4.429	.3	.0027	.169	77.
%RSD	1.940	115.3	742.2	.1270	5.378	14.30	.2413
#1	78.22	-.1742	3.729	242.0	-.0526	-1.059	32070.
#2	80.39	-1.716	-2.535	242.4	-.0487	-1.298	31960.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4041	-.4210	1.703	86130.	32760.	7351.	.8578
SDev	.1196	.5235	.926	163.	16.	14.	.0532
%RSD	29.59	124.4	54.41	.1889	.0503	.1920	6.204
#1	-.3196	-.0508	2.358	86250.	32780.	7361.	.8954
#2	-.4887	-.7912	1.048	86020.	32750.	7341.	.8202
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.

Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1477.	.0854	-4.075	2.668	44670.	-7.228	1.574
SDev	10.	.3626	1.712	.661	61.	.028	.507
%RSD	.6813	424.8	42.00	24.79	.1356	.3942	32.22
#1	1484.	.3418	-2.865	2.200	44710.	-7.208	1.933
#2	1470.	-.1711	L-5.285	3.136	44620.	-7.248	1.216
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.10	13.86	.7210	1.424	-.2744	-4.630	-3.802
SDev	.74	.99	.3209	3.705	.0012	2.695	1.221
%RSD	6.147	7.145	44.51	260.2	.4232	58.20	32.10
#1	12.62	13.16	.9479	4.044	-.2752	-2.725	-2.939
#2	11.57	14.56	.4941	-1.196	-.2736	-6.536	-4.665
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.573	2.206
SDev	6.579	2.293
%RSD	184.1	103.9
#1	-1.079	3.827
#2	8.225	.5848
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1020	--	--	--	--	--	--
SDev	1.357633	--	--	--	--	--	--
%RSD	.1330470	--	--	--	--	--	--
#1	1019	--	--	--	--	--	--
#2	1021	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 150234 Operator:
Run Time: 08/24/09 20:56:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123200.	979.5	4858.	9867.	982.9	2459.	123500.
SDev	24.	5.8	12.	26.	1.6	3.	141.
%RSD	.0191	.5948	.2376	.2677	.1584	.1411	.1141
#1	123200.	983.6	4866.	9886.	984.0	2461.	123600.
#2	123200.	975.4	4850.	9848.	981.8	2457.	123400.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	4957.	2483.	12380.	98600.	124100.	4971.	2462.
SDev	5.	2.	7.	179.	33.	8.	11.
%RSD	.1030	.0982	.0530	.1817	.0270	.1562	.4549
#1	4953.	2481.	12380.	98730.	124100.	4965.	2470.
#2	4961.	2485.	12390.	98470.	124100.	4976.	2454.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47290.	1236.	9875.	4871.	120200.	4966.	2486.
SDev	102.	1.	9.	9.	5.	2.	4.
%RSD	.2153	.0889	.0870	.1901	.0042	.0330	.1719
#1	47370.	1237.	9881.	4877.	120200.	4967.	2483.
#2	47220.	1235.	9869.	4864.	120200.	4965.	2489.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2456.	983.0	2480.	1004.	9847.	9885.	9870.
SDev	1.	2.1	2.	5.	3.	23.	1.
%RSD	.0380	.2160	.0933	.4723	.0308	.2362	.0124
#1	2455.	981.5	2479.	1001.	9849.	9902.	9871.
#2	2457.	984.5	2482.	1007.	9844.	9869.	9869.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	2760.	1104.	2760.	1104.	11040.
Low	2239.	896.0	2239.	896.0	8960.
Elem	1960/1	1960/2			
Units	ppb	ppb			
Avge	4882.	4866.			
SDev	5.	11.			
%RSD	.1040	.2333			
#1	4885.	4874.			
#2	4878.	4857.			
Errors	NOCHECK	NOCHECK			
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1011	--	--	--	--	--	--
SDev	1.493409	--	--	--	--	--	--
%RSD	.1476541	--	--	--	--	--	--
#1	1010	--	--	--	--	--	--
#2	1012	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 08/24/09 21:02:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.96	-.4353	.2358	-.2160	-.0310	-.0161	-16.00
SDev	.52	1.7638	.2851	.1452	.0217	.0628	1.01
%RSD	4.350	405.2	120.9	67.20	69.90	389.2	6.332
#1	12.32	-1.683	.0342	-.1134	-.0463	.0283	-15.29

#2	11.59	.8119	.4374	-.3187	-.0157	-.0605	-16.72
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1448	.0043	.1343	.2224	4.986	-.1639	.2429
SDev	.2131	.0576	.9167	1.476	3.218	.0656	.0529
%RSD	147.2	1323.	682.8	664.0	64.54	40.01	21.78

#1	.0059	-.0363	.7824	1.266	2.711	-.1175	.2803
#2	-.2955	.0450	-.5139	-.8217	7.262	-.2103	.2055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.51	.1886	-.0154	-1.285	-583.3	.9767	.4740
SDev	2.82	.2707	1.7281	2.962	216.7	1.630	.2816
%RSD	22.54	143.5	11240.	230.5	37.15	166.9	59.42
#1	14.51	.3801	1.207	.8091	-430.1	2.129	.6732
#2	10.52	-.0028	-1.237	-3.379	-736.6	-.1757	.2749
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4863	-1.249	-.1665	1.474	-.3168	.6123	-.3332
SDev	.5069	1.011	.4367	.792	.0354	2.655	1.2653
%RSD	104.2	80.93	262.3	53.76	11.19	433.6	379.8
#1	-.1279	-.5345	.1423	.9136	-.2917	2.490	.5616
#2	-.8447	-1.964	-.4753	2.034	-.3419	-1.265	-1.228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.256	-.3114					
SDev	1.640	3.6216					
%RSD	50.36	1163.					
#1	-2.097	2.249					
#2	-4.416	-2.872					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1022	--	--	--	--	--	--
SDev	.1357762	--	--	--	--	--	--
%RSD	.0132789	--	--	--	--	--	--
#1	1023	--	--	--	--	--	--

#2	1022	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 150206 Operator:
Run Time: 08/24/09 21:08:55
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	488400.	-2.938	-1.831	.4007	-.1553	-1.300	467100.
SDev	802.	3.095	2.510	.0012	.0033	.047	809.
%RSD	.1643	105.3	137.1	.3005	2.152	3.616	.1733
#1	487800.	-.7497	-3.606	.3998	-.1529	-1.266	466500.
#2	489000.	-5.127	-.0563	.4015	-.1577	-1.333	467700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	10.00	10.00	20.00	5.000	4.000	600000.
Low	400000.	-10.00	-10.00	-20.00	-5.000	-4.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1390	2.348	2.356	201900.	526800.	-1.900	-.4317
SDev	.4227	.119	.374	322.	1003.	.062	.4592
%RSD	304.1	5.056	15.89	.1593	.1903	3.277	106.4
#1	-.1599	2.432	2.621	201700.	526100.	-1.944	-.1070
#2	.4379	2.264	2.092	202200.	527500.	-1.856	-.7564
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	5.000	20.00	240000.	600000.	9.900	10.00
Low	-10.00	-5.000	-10.00	160000.	400000.	-9.900	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32.52	-1.080	1.125	-3.667	-702.0	-2.474	4.020
SDev	1.17	.017	1.786	.564	78.9	2.083	.315
%RSD	3.605	1.543	158.7	15.37	11.24	84.19	7.833
#1	31.69	-1.092	2.388	-3.268	-757.8	-3.947	3.797
#2	33.35	-1.068	-.1372	-4.065	-646.2	-1.001	4.243
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	6.000	10.00	1000.	10.00	10.00
Low	-1000.	-10.00	-6.000	-10.00	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.943	-1.875	-1.438	-6.477	-5.321	22.57	-9.583
SDev	.390	.133	.110	2.240	.010	1.27	2.043
%RSD	13.25	7.067	7.643	34.58	.1885	5.630	21.32
#1	-3.219	-1.969	-1.516	-4.893	-5.314	23.46	-8.139
#2	-2.668	-1.781	-1.360	-8.062	-5.328	21.67	-11.03
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	20.00	15.00	20.00	40.00	20.00		
Low	-20.00	-15.00	-20.00	-40.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.066	-4.477
SDev	2.705	.505
%RSD	130.9	11.28
#1	-.1532	-4.834
#2	-3.978	-4.120
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

□□Analysis Report 08/24/09 09:15:06 PM page 109

Wavlen	371.030	--	--	--	--	--	--
Avge	977	--	--	--	--	--	--
SDev	1.493409	--	--	--	--	--	--
%RSD	.1528278	--	--	--	--	--	--
#1	978	--	--	--	--	--	--
#2	976	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 150230 Operator:
Run Time: 08/24/09 21:15:10
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	480600.	102.9	100.4	107.0	96.58	97.47	457700.
SDev	1928.	3.7	1.8	.2	.07	.05	698.
%RSD	.4011	3.563	1.766	.2028	.0690	.0472	.1525
#1	479200.	100.3	99.18	107.1	96.62	97.43	458200.
#2	481900.	105.5	101.7	106.8	96.53	97.50	457200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.87	98.78	105.3	197500.	515500.	96.83	97.11
SDev	.33	.90	.9	281.	1695.	.22	1.15
%RSD	.3367	.9061	.8942	.1424	.3287	.2303	1.189
#1	97.64	98.15	104.7	197700.	514300.	96.67	97.93
#2	98.11	99.42	106.0	197300.	516700.	96.99	96.30
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11180.	102.8	99.57	96.64	10710.	93.57	100.0
SDev	8.	.4	.73	4.03	11.	.98	.4
%RSD	.0716	.4121	.7367	4.172	.1013	1.048	.3862
#1	11180.	103.1	99.05	99.49	10700.	92.88	99.77
#2	11190.	102.5	100.1	93.79	10720.	94.26	100.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.28	98.93	101.2	95.42	96.61	121.8	88.45
SDev	.33	.71	1.0	3.78	.05	.6	1.42
%RSD	.3443	.7173	.9510	3.961	.0552	.5285	1.607
#1	96.51	98.43	101.9	92.75	96.58	122.3	87.45
#2	96.04	99.44	100.5	98.09	96.65	121.4	89.46
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	98.88	95.51
SDev	1.36	5.37
%RSD	1.371	5.620
#1	99.84	99.30
#2	97.93	91.71

Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7

□□Analysis Report 08/24/09 09:21:21 PM page 112

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	980	--	--	--	--	--	--
SDev	.1357331	--	--	--	--	--	--
%RSD	.0138521	--	--	--	--	--	--
#1	980	--	--	--	--	--	--
#2	980	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 150234 Operator:
Run Time: 08/24/09 21:21:24
Comment: IDL: 6010 & 200.7
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	121700.	978.8	4847.	9836.	975.1	2441.	122400.
SDev	338.	.9	1.	25.	.2	2.	241.
%RSD	.2779	.0937	.0157	.2498	.0252	.0621	.1967
#1	122000.	978.1	4848.	9819.	975.2	2442.	122500.
#2	121500.	979.4	4847.	9854.	974.9	2440.	122200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4889.	2449.	12220.	97840.	122300.	4899.	2442.
SDev	20.	12.	25.	74.	196.	23.	4.
%RSD	.4133	.4969	.2067	.0755	.1599	.4632	.1781
#1	4903.	2457.	12240.	97890.	122500.	4915.	2439.
#2	4875.	2440.	12210.	97780.	122200.	4883.	2445.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46970.	1222.	9774.	4851.	118800.	4918.	2435.
SDev	64.	1.	8.	16.	105.	9.	15.
%RSD	.1356	.0992	.0850	.3390	.0883	.1798	.6046
#1	46920.	1222.	9780.	4840.	118900.	4924.	2445.
#2	47010.	1221.	9768.	4863.	118800.	4912.	2425.

□□Analysis Report 08/24/09 09:27:35 PM page 114

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2435.	974.6	2457.	981.7	9746.	9785.	9768.
SDev	7.	.1	3.	1.3	19.	35.	5.
%RSD	.2797	.0148	.1092	.1293	.1918	.3588	.0519
#1	2440.	974.5	2459.	982.6	9759.	9810.	9765.
#2	2430.	974.7	2455.	980.8	9733.	9760.	9772.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	2760.	1104.	2760.	1104.	11040.
Low	2239.	896.0	2239.	896.0	8960.

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4853.	4850.
SDev	1.	24.
%RSD	.0143	.5012
#1	4853.	4833.
#2	4854.	4867.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1013	--	--	--	--	--	--
SDev	.4525587	--	--	--	--	--	--
%RSD	.0446642	--	--	--	--	--	--
#1	1013	--	--	--	--	--	--
#2	1014	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 08/24/09 21:27:39
Comment: DILUTIONS OF LCSW
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	22.65	-.4521	-1.228	-.0807	.0060	-.0081	23.39
SDev	.26	1.4004	.987	.0487	.0108	.0033	1.30
%RSD	1.131	309.7	80.36	60.31	180.7	40.83	5.556
#1	22.47	.5381	-.5301	-.0463	.0137	-.0105	22.47
#2	22.83	-1.442	-1.925	-.1152	-.0017	-.0058	24.31
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

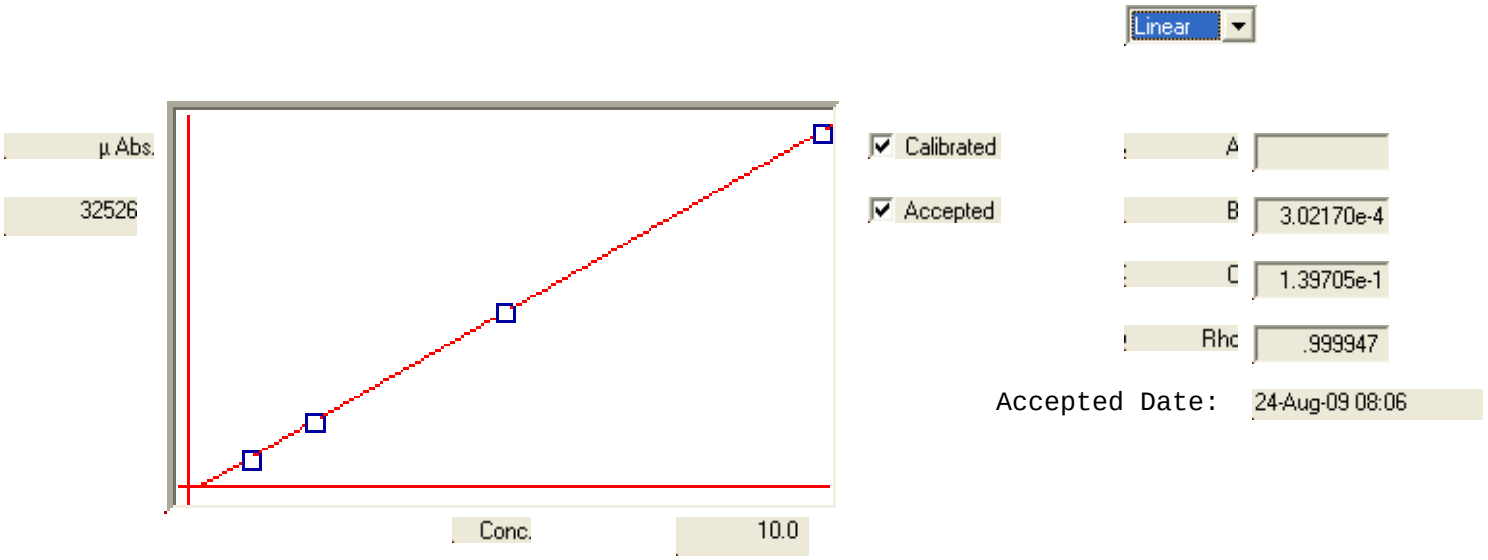
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0973	-.4423	.2415	3.328	19.09	.0646	.4332
SDev	.4250	.0018	.3575	4.435	.00	.0010	.0249
%RSD	437.0	.4086	148.0	133.2	.0171	1.546	5.749
#1	.2033	-.4436	-.0113	6.464	19.09	.0653	.4508
#2	-.3978	-.4410	.4942	.1924	19.09	.0639	.4156
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.99	.2654	.3590	.2339	-522.3	.5145	.0617
SDev	8.14	.1871	1.192	2.045	143.7	1.104	.2349
%RSD	27.14	70.50	332.1	874.3	27.52	214.6	380.7
#1	35.75	.3978	1.202	-1.212	-420.6	1.295	-.1044
#2	24.24	.1331	-.4840	1.680	-623.9	-.2663	.2278
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1931	-.9845	.1695	.6113	.0118	-.9844	1.025
SDev	.0930	1.3845	.3664	1.380	.2097	1.7326	.922
%RSD	48.13	140.6	216.2	225.8	1776.	176.0	89.95
#1	.2589	-.0055	.4286	1.587	.1601	.2407	1.677
#2	.1274	-1.963	-.0896	-.3647	-.1365	-2.210	.3732
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.4571	.5686					
SDev	2.8284	1.653					
%RSD	618.8	290.7					
#1	-2.457	-.6004	□□Analysis Report				08/24/09 09:33:50
PM	page 117						
#2	1.543	1.738					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1028	--	--	--	--	--	--
SDev	1.855465	--	--	--	--	--	--
%RSD	.1804927	--	--	--	--	--	--
#1	1027	--	--	--	--	--	--
#2	1029	--	--	--	--	--	--

Protocol: 245_7470



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.008	.008	-436	1	-435				
02	.10000	.084	-.016	-185	0%	-185				
03	1.0000	.953	-.047	2692	0%	2692				
04	2.0000	2.02	.025	6239	0%	6238				
05	5.0000	5.06	.062	16290	0%	16290				
06	10.000	9.97	-.032	32527	0%	32526				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3ACCV1 Seq: 7 07:43:30 24 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.12	5.00	ppb	.000

*** Standard: 1 Rep: 1 Seq: 11 07:54:24 24 Aug 09 HG

Hg	.000	ppb	-435					

*** Standard: 2 Rep: 1 Seq: 12 07:56:59 24 Aug 09 HG

Hg	.100	ppb	-185					

*** Standard: 3 Rep: 1 Seq: 13 07:59:37 24 Aug 09 HG

Hg	1.00	ppb	2692					

*** Standard: 4 Rep: 1 Seq: 14 08:01:22 24 Aug 09 HG

Hg	2.00	ppb	6238					

*** Standard: 5 Rep: 1 Seq: 15 08:03:20 24 Aug 09 HG

Hg	5.00	ppb	16290					

*** Standard: 6 Rep: 1 Seq: 16 08:06:40 24 Aug 09 HG

Hg	10.0	ppb	32526					

*** Check Standard: 3 Ck3ACCV1 Seq: 17 08:08:28 24 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.08	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 18 08:11:45 24 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.019	.200	ppb	.000

*** Check Standard: 2 Ck2AICV Seq: 19 08:13:31 24 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.09	5.00	ppb	.000

*** Sample ID: 14989HG1 Seq: 20 08:15:39 24 Aug 09 HG
mb 460-14989/1-a

Hg	.070	ppb	.000	.070				

*** Sample ID: 14989HG1 Seq: 21 08:17:22 24 Aug 09 HG
lcs 460-14989/2-a

Hg	1.00	ppb	.000	1.00				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 14989HG1 Seq: 22 08:19:37 24 Aug 09 HG
460-4896-c-4-a

Hg	.048	ppb	.000	048				

*** Sample ID: 14989HG1 Seq: 23 08:21:20 24 Aug 09 HG
460-4896-c-4-b du
Hg .172 ppb .000 .172

*** Sample ID: 14989HG1 Seq: 24 08:23:17 24 Aug 09 HG
460-4896-c-4-c ms
Hg 1.08 ppb .000 1.08

*** Sample ID: 14989HG1 Seq: 25 08:25:00 24 Aug 09 HG
460-4865-f-5-a
Hg .399 ppb .000 .399

*** Sample ID: 14989HG1 Seq: 26 08:27:24 24 Aug 09 HG
460-4865-f-6-a
Hg .258 ppb .000 .258

*** Sample ID: 14989HG1 Seq: 27 08:29:43 24 Aug 09 HG
460-4865-f-7-a
Hg .223 ppb .000 .223

*** Sample ID: 14989HG1 Seq: 28 08:32:09 24 Aug 09 HG
460-4865-f-8-a
Hg 1.02 ppb .000 1.02

*** Sample ID: 14989HG1 Seq: 29 08:33:55 24 Aug 09 HG
460-4865-f-9-a
Hg .193 ppb .000 .193

*** Check Standard: 4 Ck4ACCV Seq: 30 08:35:43 24 Aug 09 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 101. 5.05 5.00 ppb .000

*** Check Standard: 1 Ck1CCB Seq: 31 08:37:57 24 Aug 09 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg .094 .200 ppb .000

*** Sample ID: 14989HG1 Seq: 32 08:40:14 24 Aug 09 HG
460-4868-h-1-a
Hg .693 ppb .000 .693

*** Sample ID: 14989HG1 Seq: 33 08:42:08 24 Aug 09 HG
460-4868-g-2-a
Hg .072 ppb .000 .072

Folder: 14989HG1 Page 2064
Protocol: 245_7470
POST-RUN REPORT
Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: 14989HG1 Seq: 34 08:44:24 24 Aug 09 HG
460-4896-d-1-a
Hg .183 ppb .000 .183

*** Sample ID: 14989HG1 Seq: 35 08:47:17 24 Aug 09 HG
460-4896-d-2-a
Hg .095 ppb .000 .095

*** Sample ID: 14989HG1 Seq: 36 08:50:55 24 Aug 09 HG
460-4896-d-3-a
Hg .171 ppb .000 .171

*** Sample ID: 14989HG1 Seq: 37 08:52:41 24 Aug 09 HG
460-4896-d-5-a

```
Hg    .103    ppb       .000      .103

*** Sample ID:            14989HG1   Seq:  38     08:55:00 24 Aug 09   HG
                           460-4896-d-6-a
Hg    .167    ppb       .000      .167

*** Sample ID:            14989HG1   Seq:  39     08:56:44 24 Aug 09   HG
                           460-4896-d-7-a
Hg    .195    ppb       .000      .195

*** Sample ID:            14989HG1   Seq:  40     08:58:40 24 Aug 09   HG
                           460-4896-d-8-a
Hg    .152    ppb       .000      .152

*** Sample ID:            14989HG1   Seq:  41     09:00:58 24 Aug 09   HG
                           460-4896-c-9-a
Hg    .121    ppb       .000      .121

*** Check Standard: 4  Ck4ACCV      Seq:  42      09:03:07 24 Aug 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          102.     5.10    5.00   ppb        .000

*** Check Standard: 1  Ck1CCB       Seq:  43      09:05:15 24 Aug 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .147     .200     ppb        .000

*** Sample ID:            14989HG1   Seq:  44     09:07:01 24 Aug 09   HG
                           460-4905-d-1-a
Hg    .128    ppb       .000      .128

*** Sample ID:            14989HG1   Seq:  45     09:09:10 24 Aug 09   HG
                           460-4905-d-2-a
Hg    .155    ppb       .000      .155

                               Folder:   14989HG1                      Page 2065
                               Protocol: 245_7470
                              ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Check Standard: 4  Ck4ACCV      Seq:  46      09:11:08 24 Aug 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          102.     5.08    5.00   ppb        .000

*** Check Standard: 1  Ck1CCB       Seq:  47      09:13:02 24 Aug 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .114     .200     ppb        .000

*** Sample ID:            14989HG1   Seq:  48     09:16:12 24 Aug 09   HG
                           mb 460-14991/1-a
Hg    .104    ppb       .000      .104

*** Sample ID:            14989HG1   Seq:  49     09:18:17 24 Aug 09   HG
                           lcs 460-14991/2-a
Hg    1.10    ppb       .000      1.10

*** Sample ID:            14989HG1   Seq:  50     09:20:17 24 Aug 09   HG
                           460-4869-a-4-d
Hg    .242    ppb       .000      .242

*** Sample ID:            14989HG1   Seq:  51     09:22:12 24 Aug 09   HG
                           460-4869-a-4-e du
Hg    .305    ppb       .000      .305
```

*** Sample ID: 14989HG1 Seq: 52 09:24:21 24 Aug 09 HG
460-4869-a-4-f ms
Hg 1.22 ppb .000 1.22

*** Sample ID: 14989HG1 Seq: 53 09:26:49 24 Aug 09 HG
460-4754-e-1-b
Hg 1.07 ppb .000 1.07

*** Sample ID: 14989HG1 Seq: 54 09:28:33 24 Aug 09 HG
460-4825-g-6-b
Hg .012 ppb .000 .012

*** Sample ID: 14989HG1 Seq: 55 09:30:41 24 Aug 09 HG
460-4835-f-1-b
Hg .437 ppb .000 .437

*** Sample ID: 14989HG1 Seq: 56 09:33:12 24 Aug 09 HG
460-4835-f-2-b
Hg .221 ppb .000 .221

*** Sample ID: 14989HG1 Seq: 57 09:35:40 24 Aug 09 HG
460-4835-f-3-b
Hg .155 ppb .000 .155

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 4 Ck4ACCV Seq: 58 09:37:50 24 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.07	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 59 09:39:44 24 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.129	.200	ppb	.000

*** Sample ID: 14989HG1 Seq: 60 09:42:22 24 Aug 09 HG
460-4835-f-4-b
Hg .284 ppb .000 .284

*** Sample ID: 14989HG1 Seq: 61 09:44:29 24 Aug 09 HG
460-4835-f-5-b
Hg .332 ppb .000 .332

*** Sample ID: 14989HG1 Seq: 62 09:46:13 24 Aug 09 HG
460-4835-f-6-b
Hg .503 ppb .000 .503

*** Sample ID: 14989HG1 Seq: 63 09:48:19 24 Aug 09 HG
460-4835-f-7-b
Hg .282 ppb .000 .282

*** Sample ID: 14989HG1 Seq: 64 09:51:27 24 Aug 09 HG
460-4835-f-8-b
Hg .539 ppb .000 .539

*** Sample ID: 14989HG1 Seq: 65 09:53:13 24 Aug 09 HG
460-4869-c-1-b
Hg .512 ppb .000 .512

*** Sample ID: 14989HG1 Seq: 66 09:55:41 24 Aug 09 HG
460-4869-c-2-b

```
Hg    .432    ppb       .000      .432

*** Sample ID:            14989HG1   Seq:  67     09:57:40 24 Aug 09   HG
                           460-4869-c-3-b
Hg    .323    ppb       .000      .323

*** Sample ID:            14989HG1   Seq:  68     09:59:47 24 Aug 09   HG
                           460-4869-c-5-b
Hg    .559    ppb       .000      .559

*** Check Standard: 4  Ck4ACCV      Seq:  69     10:01:31 24 Aug 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          101.     5.03    5.00   ppb        .000

                                Folder:   14989HG1                    Page 2067
                                Protocol: 245_7470
                               ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 1  Ck1CCB       Seq:  70     10:03:18 24 Aug 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .100     .200     ppb        .000
```

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 3			Ck3ACCV1	Seq: 7		07:43:30 24 Aug 09		HG
Line Flag			Intensities					
Hg			15830					
*** Standard: 1 Rep: 1				Seq: 11		07:54:24 24 Aug 09		HG
Hg	.000	ppb	-435					
*** Standard: 2 Rep: 1				Seq: 12		07:56:59 24 Aug 09		HG
Hg	.100	ppb	-185					
*** Standard: 3 Rep: 1				Seq: 13		07:59:37 24 Aug 09		HG
Hg	1.00	ppb	2692					
*** Standard: 4 Rep: 1				Seq: 14		08:01:22 24 Aug 09		HG
Hg	2.00	ppb	6238					
*** Standard: 5 Rep: 1				Seq: 15		08:03:20 24 Aug 09		HG
Hg	5.00	ppb	16290					
*** Standard: 6 Rep: 1				Seq: 16		08:06:40 24 Aug 09		HG
Hg	10.0	ppb	32526					
*** Check Standard: 3			Ck3ACCV1	Seq: 17		08:08:28 24 Aug 09		HG
Line Flag			Intensities					
Hg			16343					
*** Check Standard: 1			Ck1CCB	Seq: 18		08:11:45 24 Aug 09		HG
Line Flag			Intensities					
Hg			-524					
*** Check Standard: 2			Ck2AICV	Seq: 19		08:13:31 24 Aug 09		HG
Line Flag			Intensities					
Hg			16396					
*** Sample ID:			14989HG1 mb 460-14989/1-a	Seq: 20		08:15:39 24 Aug 09		HG
Hg	.070	ppb	-232					
*** Sample ID:			14989HG1 lcs 460-14989/2-a	Seq: 21		08:17:22 24 Aug 09		HG
Hg	1.00	ppb	2857					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:			14989HG1 460-4896-c-4-a	Seq: 22		08:19:37 24 Aug 09		HG
Hg	.048	ppb	-305					

*** Sample ID: 14989HG1 Seq: 23 08:21:20 24 Aug 09 HG
460-4896-c-4-b du
Hg .172 ppb 108

*** Sample ID: 14989HG1 Seq: 24 08:23:17 24 Aug 09 HG
460-4896-c-4-c ms
Hg 1.08 ppb 3117

*** Sample ID: 14989HG1 Seq: 25 08:25:00 24 Aug 09 HG
460-4865-f-5-a
Hg .399 ppb 857

*** Sample ID: 14989HG1 Seq: 26 08:27:24 24 Aug 09 HG
460-4865-f-6-a
Hg .258 ppb 393

*** Sample ID: 14989HG1 Seq: 27 08:29:43 24 Aug 09 HG
460-4865-f-7-a
Hg .223 ppb 276

*** Sample ID: 14989HG1 Seq: 28 08:32:09 24 Aug 09 HG
460-4865-f-8-a
Hg 1.02 ppb 2928

*** Sample ID: 14989HG1 Seq: 29 08:33:55 24 Aug 09 HG
460-4865-f-9-a
Hg .193 ppb 178

*** Check Standard: 4 Ck4ACCV Seq: 30 08:35:43 24 Aug 09 HG
Line Flag Intensities
Hg 16257

*** Check Standard: 1 Ck1CCB Seq: 31 08:37:57 24 Aug 09 HG
Line Flag Intensities
Hg -151

*** Sample ID: 14989HG1 Seq: 32 08:40:14 24 Aug 09 HG
460-4868-h-1-a
Hg .693 ppb 1830

*** Sample ID: 14989HG1 Seq: 33 08:42:08 24 Aug 09 HG
460-4868-g-2-a
Hg .072 ppb -223

Folder: 14989HG1 Page 2058
Protocol: 245_7470
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 14989HG1 Seq: 34 08:44:24 24 Aug 09 HG
460-4896-d-1-a
Hg .183 ppb 143

*** Sample ID: 14989HG1 Seq: 35 08:47:17 24 Aug 09 HG
460-4896-d-2-a
Hg .095 ppb -148

*** Sample ID: 14989HG1 Seq: 36 08:50:55 24 Aug 09 HG
460-4896-d-3-a
Hg .171 ppb 103

*** Sample ID: 14989HG1 Seq: 37 08:52:41 24 Aug 09 HG
460-4896-d-5-a

```
Hg    .103    ppb      -121

*** Sample ID:           14989HG1   Seq:  38     08:55:00 24 Aug 09   HG
                          460-4896-d-6-a
Hg    .167    ppb      91

*** Sample ID:           14989HG1   Seq:  39     08:56:44 24 Aug 09   HG
                          460-4896-d-7-a
Hg    .195    ppb      182

*** Sample ID:           14989HG1   Seq:  40     08:58:40 24 Aug 09   HG
                          460-4896-d-8-a
Hg    .152    ppb      41

*** Sample ID:           14989HG1   Seq:  41     09:00:58 24 Aug 09   HG
                          460-4896-c-9-a
Hg    .121    ppb      -63

*** Check Standard: 4  Ck4ACCV      Seq:  42     09:03:07 24 Aug 09   HG
Line  Flag             Intensities
Hg                     16432

*** Check Standard: 1  Ck1CCB       Seq:  43     09:05:15 24 Aug 09   HG
Line  Flag             Intensities
Hg                     23

*** Sample ID:           14989HG1   Seq:  44     09:07:01 24 Aug 09   HG
                          460-4905-d-1-a
Hg    .128    ppb      -39

*** Sample ID:           14989HG1   Seq:  45     09:09:10 24 Aug 09   HG
                          460-4905-d-2-a
Hg    .155    ppb      50

                              Folder:   14989HG1                    Page 2059
                              Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 4  Ck4ACCV      Seq:  46     09:11:08 24 Aug 09   HG
Line  Flag             Intensities
Hg                     16353

*** Check Standard: 1  Ck1CCB       Seq:  47     09:13:02 24 Aug 09   HG
Line  Flag             Intensities
Hg                     -86

*** Sample ID:           14989HG1   Seq:  48     09:16:12 24 Aug 09   HG
                          mb 460-14991/1-a
Hg    .104    ppb      -117

*** Sample ID:           14989HG1   Seq:  49     09:18:17 24 Aug 09   HG
                          lcs 460-14991/2-a
Hg    1.10    ppb      3185

*** Sample ID:           14989HG1   Seq:  50     09:20:17 24 Aug 09   HG
                          460-4869-a-4-d
Hg    .242    ppb      337

*** Sample ID:           14989HG1   Seq:  51     09:22:12 24 Aug 09   HG
                          460-4869-a-4-e du
Hg    .305    ppb      546
```

*** Sample ID: 14989HG1 Seq: 52 09:24:21 24 Aug 09 HG
460-4869-a-4-f ms
Hg 1.22 ppb 3563

*** Sample ID: 14989HG1 Seq: 53 09:26:49 24 Aug 09 HG
460-4754-e-1-b
Hg 1.07 ppb 3066

*** Sample ID: 14989HG1 Seq: 54 09:28:33 24 Aug 09 HG
460-4825-g-6-b
Hg .012 ppb -422

*** Sample ID: 14989HG1 Seq: 55 09:30:41 24 Aug 09 HG
460-4835-f-1-b
Hg .437 ppb 985

*** Sample ID: 14989HG1 Seq: 56 09:33:12 24 Aug 09 HG
460-4835-f-2-b
Hg .221 ppb 268

*** Sample ID: 14989HG1 Seq: 57 09:35:40 24 Aug 09 HG
460-4835-f-3-b
Hg .155 ppb 51

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 4 Ck4ACCV Seq: 58 09:37:50 24 Aug 09 HG
Line Flag Intensities
Hg 16326

*** Check Standard: 1 Ck1CCB Seq: 59 09:39:44 24 Aug 09 HG
Line Flag Intensities
Hg -37

*** Sample ID: 14989HG1 Seq: 60 09:42:22 24 Aug 09 HG
460-4835-f-4-b
Hg .284 ppb 477

*** Sample ID: 14989HG1 Seq: 61 09:44:29 24 Aug 09 HG
460-4835-f-5-b
Hg .332 ppb 638

*** Sample ID: 14989HG1 Seq: 62 09:46:13 24 Aug 09 HG
460-4835-f-6-b
Hg .503 ppb 1202

*** Sample ID: 14989HG1 Seq: 63 09:48:19 24 Aug 09 HG
460-4835-f-7-b
Hg .282 ppb 472

*** Sample ID: 14989HG1 Seq: 64 09:51:27 24 Aug 09 HG
460-4835-f-8-b
Hg .539 ppb 1322

*** Sample ID: 14989HG1 Seq: 65 09:53:13 24 Aug 09 HG
460-4869-c-1-b
Hg .512 ppb 1232

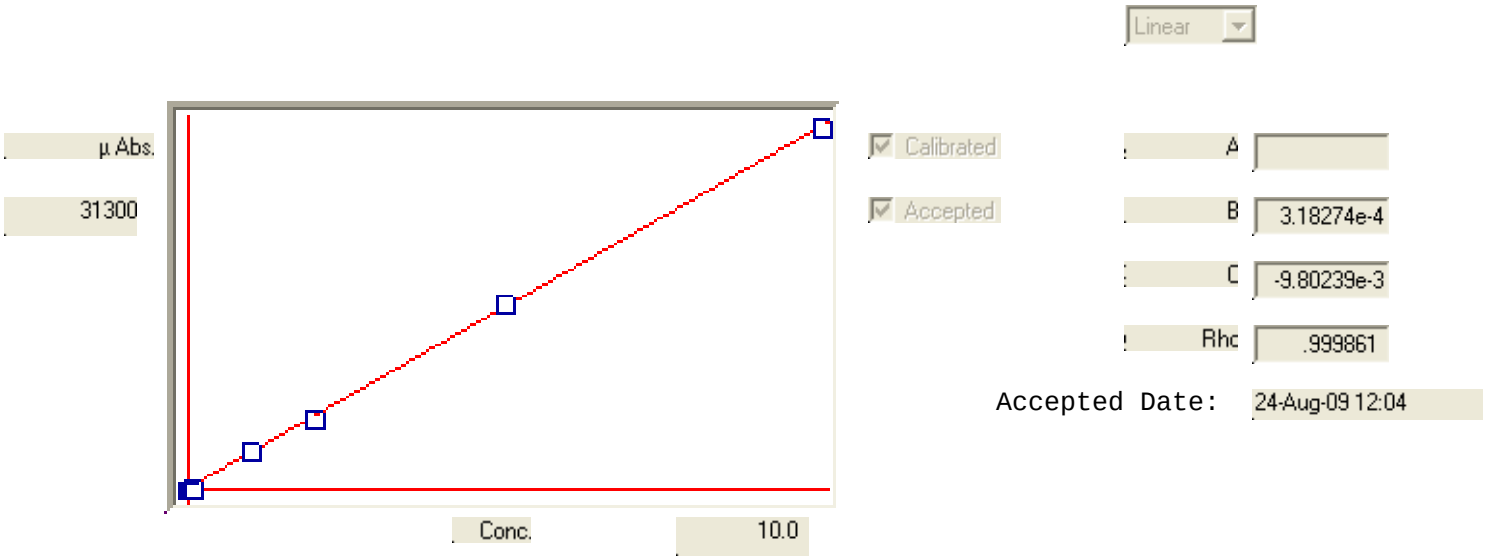
*** Sample ID: 14989HG1 Seq: 66 09:55:41 24 Aug 09 HG
460-4869-c-2-b

```
Hg    .432    ppb      966

*** Sample ID:            14989HG1   Seq:  67     09:57:40 24 Aug 09   HG
                           460-4869-c-3-b
Hg    .323    ppb      605

*** Sample ID:            14989HG1   Seq:  68     09:59:47 24 Aug 09   HG
                           460-4869-c-5-b
Hg    .559    ppb      1387

*** Check Standard: 4  Ck4ACCV      Seq:  69      10:01:31 24 Aug 09   HG
Line  Flag             Intensities
Hg                     16189
```



```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Check Standard: 1  Ck1CCB       Seq:  70      10:03:18 24 Aug 09   HG
Line  Flag             Intensities
Hg                     -131
```

Protocol: 245_7470



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	-.009	-.009	5	1	4				
02	.10000	.057	-.043	210	0%	209				
03	1.0000	1.05	.051	3334	0%	3334				
04	2.0000	1.94	-.056	6139	0%	6138				
05	5.0000	5.10	.105	16070	0%	16069				
06	10.000	9.95	-.048	31300	0%	31300				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		11:53:30 24 Aug 09		HG
Hg	.000	ppb	4					
*** Standard: 2 Rep: 1				Seq: 2		11:55:19 24 Aug 09		HG
Hg	.100	ppb	209					
*** Standard: 3 Rep: 1				Seq: 3		11:57:39 24 Aug 09		HG
Hg	1.00	ppb	3334					
*** Standard: 4 Rep: 1				Seq: 4		11:59:28 24 Aug 09		HG
Hg	2.00	ppb	6138					
*** Standard: 5 Rep: 1				Seq: 5		12:01:57 24 Aug 09		HG
Hg	5.00	ppb	16069					
*** Standard: 6 Rep: 1				Seq: 6		12:03:56 24 Aug 09		HG
Hg	10.0	ppb	31300					
*** Check Standard: 3			Ck3ACCV1	Seq: 7		12:06:24 24 Aug 09		HG
Line	Flag		Intensities					
Hg			15297					
*** Check Standard: 1			Ck1CCB	Seq: 8		12:08:08 24 Aug 09		HG
Line	Flag		Intensities					
Hg			-176					
*** Check Standard: 2			Ck2AICV	Seq: 9		12:09:54 24 Aug 09		HG
Line	Flag		Intensities					
Hg			15188					
*** Sample ID:				Seq: 10		12:11:52 24 Aug 09		HG
				mb 460-15017/10-a				
Hg	-.024	ppb	-45					
*** Sample ID:				Seq: 11		12:14:06 24 Aug 09		HG
				lcs 460-15017/11-a				
Hg	.937	ppb	2974					
*** Sample ID:				Seq: 12		12:15:59 24 Aug 09		HG
				460-4869-c-7-b				
Hg	.402	ppb	1294					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 13		12:17:43 24 Aug 09		HG
				460-4869-c-7-c du				
Hg	.494	ppb	1583					

*** Sample ID: Seq: 14 12:19:33 24 Aug 09 HG
460-4869-c-7-d ms
Hg 1.62 ppb 5124

*** Sample ID: Seq: 15 12:21:17 24 Aug 09 HG
460-4754-e-2-b
Hg -.017 ppb -23

*** Sample ID: Seq: 16 12:23:04 24 Aug 09 HG
460-4754-e-3-b
Hg .106 ppb 364

*** Sample ID: Seq: 17 12:24:53 24 Aug 09 HG
460-4754-e-4-b
Hg .112 ppb 384

*** Check Standard: 4 Ck4ACCV Seq: 18 12:26:52 24 Aug 09 HG
Line Flag Intensities
Hg 16153

*** Check Standard: 1 Ck1CCB Seq: 19 12:28:36 24 Aug 09 HG
Line Flag Intensities
Hg 15

*** Sample ID: Seq: 20 12:31:19 24 Aug 09 HG
460-4754-e-5-b
Hg -.080 ppb -220

*** Sample ID: Seq: 21 12:33:06 24 Aug 09 HG
460-4754-e-6-b
Hg -.034 ppb -76

*** Sample ID: Seq: 22 12:34:53 24 Aug 09 HG
460-4869-c-6-b
Hg -.025 ppb -49

*** Sample ID: Seq: 23 12:37:00 24 Aug 09 HG
460-4880-i-2-b
Hg -.053 ppb -135

*** Sample ID: Seq: 24 12:39:27 24 Aug 09 HG
460-4909-c-38-a
Hg -.025 ppb -48

Folder: 15017HG1 Page 2090
Protocol: 245_7470
POST-RUN REPORT
Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 25 12:41:31 24 Aug 09 HG
460-4943-h-18-a
Hg .105 ppb 361

*** Sample ID: Seq: 26 12:43:21 24 Aug 09 HG
460-4954-c-58-a
Hg .065 ppb 234

*** Sample ID: Seq: 27 12:45:07 24 Aug 09 HG
460-4928-a-10-a
Hg .007 ppb 52

*** Check Standard: 4 Ck4ACCV Seq: 28 12:47:56 24 Aug 09 HG
Line Flag Intensities

```
Hg                    16314

*** Check Standard: 1  Ck1CCB       Seq:  29      12:49:40 24 Aug 09   HG
Line  Flag            Intensities
Hg                    -91

*** Sample ID:                      Seq:  30      12:52:33 24 Aug 09   HG
                          460-4928-a-12-a
Hg   -.105    ppb      -300

*** Sample ID:                      Seq:  31      12:55:52 24 Aug 09   HG
                          460-4928-a-14-a
Hg   -.076    ppb      -207

*** Sample ID:                      Seq:  32      12:58:26 24 Aug 09   HG
                          460-4928-a-16-a
Hg   -.039    ppb      -91

*** Sample ID:                      Seq:  33      13:00:21 24 Aug 09   HG
                          460-4928-a-18-a
Hg    .020    ppb      94

*** Sample ID:                      Seq:  34      13:02:08 24 Aug 09   HG
                          460-4928-a-2-a
Hg    .075    ppb      266

*** Sample ID:                      Seq:  35      13:04:13 24 Aug 09   HG
                          460-4928-a-20-a
Hg    .026    ppb      112

*** Sample ID:                      Seq:  36      13:06:27 24 Aug 09   HG
                          460-4928-a-22-a
Hg    .008    ppb      55

                              Folder:   15017HG1                       Page 2091
                              Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID:                      Seq:  37      13:08:46 24 Aug 09   HG
                          460-4847-a-1-d
Hg    .477    ppb      1528

*** Check Standard: 4  Ck4ACCV      Seq:  38      13:10:31 24 Aug 09   HG
Line  Flag            Intensities
Hg                    16216

*** Check Standard: 1  Ck1CCB       Seq:  39      13:12:44 24 Aug 09   HG
Line  Flag            Intensities
Hg                    7

*** Sample ID:                      Seq:  40      13:14:53 24 Aug 09   HG
                          mb 460-15047/10-a
Hg    .031    ppb      128

*** Sample ID:                      Seq:  41      13:16:50 24 Aug 09   HG
                          lcs 460-15047/11-a
Hg    .876    ppb      2784

*** Sample ID:                      Seq:  42      13:19:10 24 Aug 09   HG
                          460-4858-d-3-f
Hg   -.064    ppb      -169
```

*** Sample ID: Seq: 43 13:21:28 24 Aug 09 HG
460-4858-a-3-b du
Hg -.030 ppb -65

*** Sample ID: Seq: 44 13:23:15 24 Aug 09 HG
460-4858-d-3-g ms
Hg 1.08 ppb 3410

*** Sample ID: Seq: 45 13:25:01 24 Aug 09 HG
460-4826-f-1-c
Hg -.083 ppb -230

*** Sample ID: Seq: 46 13:27:10 24 Aug 09 HG
460-4851-e-2-c
Hg .020 ppb 93

*** Sample ID: Seq: 47 13:29:27 24 Aug 09 HG
460-4858-d-1-c
Hg .412 ppb 1324

*** Check Standard: 4 Ck4ACCV Seq: 48 13:31:14 24 Aug 09 HG
Line Flag Intensities
Hg 16024

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 49 13:33:40 24 Aug 09 HG
Line Flag Intensities
Hg 157

*** Sample ID: Seq: 50 13:35:56 24 Aug 09 HG
460-4858-d-2-c
Hg .118 ppb 400

*** Sample ID: Seq: 51 13:37:46 24 Aug 09 HG
460-4858-d-4-c
Hg .083 ppb 291

*** Sample ID: Seq: 52 13:39:31 24 Aug 09 HG
460-4858-d-5-c
Hg .092 ppb 321

*** Sample ID: Seq: 53 13:42:00 24 Aug 09 HG
460-4858-c-6-c
Hg .038 ppb 149

*** Sample ID: Seq: 54 13:43:54 24 Aug 09 HG
460-4865-f-1-b
Hg .099 ppb 341

*** Sample ID: Seq: 55 13:46:01 24 Aug 09 HG
460-4865-f-10-b
Hg .073 ppb 261

*** Sample ID: Seq: 56 13:47:55 24 Aug 09 HG
460-4865-f-11-b
Hg .050 ppb 187

*** Sample ID: Seq: 57 13:50:52 24 Aug 09 HG
460-4865-f-12-b

```
Hg    .070    ppb      250

*** Check Standard: 4  Ck4ACCV      Seq:  58      13:52:47 24 Aug 09   HG
Line  Flag             Intensities
Hg                     15671

*** Check Standard: 1  Ck1CCB       Seq:  59      13:55:00 24 Aug 09   HG
Line  Flag             Intensities
Hg                     -471

*** Sample ID:                      Seq:  60      13:56:48 24 Aug 09   HG
                       460-4865-f-13-b
Hg   -.044    ppb      -106
```



```
*** Sample ID:                      Seq:  61      13:59:37 24 Aug 09   HG
                       460-4865-f-2-b
Hg   -.047    ppb      -118

*** Sample ID:                      Seq:  62      14:02:08 24 Aug 09   HG
                       460-4865-f-3-b
Hg    .086    ppb      301

*** Sample ID:                      Seq:  63      14:03:55 24 Aug 09   HG
                       460-4865-f-4-b
Hg    .108    ppb      370

*** Sample ID:                      Seq:  64      14:06:33 24 Aug 09   HG
                       460-4693-a-5-e
Hg    .095    ppb      328

*** Sample ID:                      Seq:  65      14:08:29 24 Aug 09   HG
                       460-4886-b-1-c@2
Hg    5.00    ppb      15753

*** Sample ID:                      Seq:  66      14:10:41 24 Aug 09   HG
                       460-4886-b-2-c@300
Hg    2.79    ppb      8796

*** Sample ID:                      Seq:  67      14:12:26 24 Aug 09   HG
                       460-4886-b-3-e@1000
Hg    3.85    ppb      12123

*** Check Standard: 4  Ck4ACCV      Seq:  68      14:15:04 24 Aug 09   HG
Line  Flag             Intensities
Hg                     15916

*** Check Standard: 1  Ck1CCB       Seq:  69      14:16:48 24 Aug 09   HG
Line  Flag             Intensities
Hg                     -139
```

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 1 11:53:30 24 Aug 09 HG

Hg .000 ppb 4

*** Standard: 2 Rep: 1 Seq: 2 11:55:19 24 Aug 09 HG

Hg .100 ppb 209

*** Standard: 3 Rep: 1 Seq: 3 11:57:39 24 Aug 09 HG

Hg 1.00 ppb 3334

*** Standard: 4 Rep: 1 Seq: 4 11:59:28 24 Aug 09 HG

Hg 2.00 ppb 6138

*** Standard: 5 Rep: 1 Seq: 5 12:01:57 24 Aug 09 HG

Hg 5.00 ppb 16069

*** Standard: 6 Rep: 1 Seq: 6 12:03:56 24 Aug 09 HG

Hg 10.0 ppb 31300

*** Check Standard: 3 Ck3ACCV1 Seq: 7 12:06:24 24 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.2	4.86	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 8 12:08:08 24 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.066	.200	ppb	.000

*** Check Standard: 2 Ck2AICV Seq: 9 12:09:54 24 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.5	4.82	5.00	ppb	.000

*** Sample ID: Seq: 10 12:11:52 24 Aug 09 HG
mb 460-15017/10-a

Hg -.024 ppb .000 -.024

*** Sample ID: Seq: 11 12:14:06 24 Aug 09 HG
lcs 460-15017/11-a

Hg .937 ppb .000 .937

*** Sample ID: Seq: 12 12:15:59 24 Aug 09 HG
460-4869-c-7-b

Hg .402 ppb .000 .402

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 13 12:17:43 24 Aug 09 HG
460-4869-c-7-c du

Hg .494 ppb .000 .494

```
*** Sample ID:                        Seq:  14     12:19:33 24 Aug 09   HG
                          460-4869-c-7-d ms
Hg    1.62    ppb       .000      1.62

*** Sample ID:                        Seq:  15     12:21:17 24 Aug 09   HG
                          460-4754-e-2-b
Hg   -.017    ppb       .000     -.017

*** Sample ID:                        Seq:  16     12:23:04 24 Aug 09   HG
                          460-4754-e-3-b
Hg    .106    ppb       .000      .106

*** Sample ID:                        Seq:  17     12:24:53 24 Aug 09   HG
                          460-4754-e-4-b
Hg    .112    ppb       .000      .112

*** Check Standard: 4  Ck4ACCV       Seq:  18     12:26:52 24 Aug 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          103.     5.13    5.00   ppb        .000

*** Check Standard: 1  Ck1CCB        Seq:  19     12:28:36 24 Aug 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.005     .200     ppb        .000

*** Sample ID:                        Seq:  20     12:31:19 24 Aug 09   HG
                          460-4754-e-5-b
Hg   -.080    ppb       .000     -.080

*** Sample ID:                        Seq:  21     12:33:06 24 Aug 09   HG
                          460-4754-e-6-b
Hg   -.034    ppb       .000     -.034

*** Sample ID:                        Seq:  22     12:34:53 24 Aug 09   HG
                          460-4869-c-6-b
Hg   -.025    ppb       .000     -.025

*** Sample ID:                        Seq:  23     12:37:00 24 Aug 09   HG
                          460-4880-i-2-b
Hg   -.053    ppb       .000     -.053

*** Sample ID:                        Seq:  24     12:39:27 24 Aug 09   HG
                          460-4909-c-38-a
Hg   -.025    ppb       .000     -.025

                              Folder:   15017HG1                    Page 2096
                              Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                        Seq:  25     12:41:31 24 Aug 09   HG
                          460-4943-h-18-a
Hg    .105    ppb       .000      .105

*** Sample ID:                        Seq:  26     12:43:21 24 Aug 09   HG
                          460-4954-c-58-a
Hg    .065    ppb       .000      .065

*** Sample ID:                        Seq:  27     12:45:07 24 Aug 09   HG
                          460-4928-a-10-a
Hg    .007    ppb       .000      .007

*** Check Standard: 4  Ck4ACCV       Seq:  28     12:47:56 24 Aug 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
```

```
Hg          104.     5.18    5.00   ppb        .000

*** Check Standard: 1  Ck1CCB       Seq:  29      12:49:40 24 Aug 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.039     .200     ppb        .000

*** Sample ID:                        Seq:  30     12:52:33 24 Aug 09   HG
                          460-4928-a-12-a
Hg   -.105    ppb       .000     -.105

*** Sample ID:                        Seq:  31     12:55:52 24 Aug 09   HG
                          460-4928-a-14-a
Hg   -.076    ppb       .000     -.076

*** Sample ID:                        Seq:  32     12:58:26 24 Aug 09   HG
                          460-4928-a-16-a
Hg   -.039    ppb       .000     -.039

*** Sample ID:                        Seq:  33     13:00:21 24 Aug 09   HG
                          460-4928-a-18-a
Hg    .020    ppb       .000      .020

*** Sample ID:                        Seq:  34     13:02:08 24 Aug 09   HG
                          460-4928-a-2-a
Hg    .075    ppb       .000      .075

*** Sample ID:                        Seq:  35     13:04:13 24 Aug 09   HG
                          460-4928-a-20-a
Hg    .026    ppb       .000      .026

*** Sample ID:                        Seq:  36     13:06:27 24 Aug 09   HG
                          460-4928-a-22-a
Hg    .008    ppb       .000      .008

                              Folder:   15017HG1                    Page 2097
                              Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                        Seq:  37     13:08:46 24 Aug 09   HG
                          460-4847-a-1-d
Hg    .477    ppb       .000      .477

*** Check Standard: 4  Ck4ACCV      Seq:  38      13:10:31 24 Aug 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          103.     5.15    5.00   ppb        .000

*** Check Standard: 1  Ck1CCB       Seq:  39      13:12:44 24 Aug 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.008     .200     ppb        .000

*** Sample ID:                        Seq:  40     13:14:53 24 Aug 09   HG
                          mb 460-15047/10-a
Hg    .031    ppb       .000      .031

*** Sample ID:                        Seq:  41     13:16:50 24 Aug 09   HG
                          lcs 460-15047/11-a
Hg    .876    ppb       .000      .876

*** Sample ID:                        Seq:  42     13:19:10 24 Aug 09   HG
                          460-4858-d-3-f
Hg   -.064    ppb       .000     -.064
```

*** Sample ID: Seq: 43 13:21:28 24 Aug 09 HG
460-4858-a-3-b du
Hg -.030 ppb .000 -.030

*** Sample ID: Seq: 44 13:23:15 24 Aug 09 HG
460-4858-d-3-g ms
Hg 1.08 ppb .000 1.08

*** Sample ID: Seq: 45 13:25:01 24 Aug 09 HG
460-4826-f-1-c
Hg -.083 ppb .000 -.083

*** Sample ID: Seq: 46 13:27:10 24 Aug 09 HG
460-4851-e-2-c
Hg .020 ppb .000 .020

*** Sample ID: Seq: 47 13:29:27 24 Aug 09 HG
460-4858-d-1-c
Hg .412 ppb .000 .412

*** Check Standard: 4 Ck4ACCV Seq: 48 13:31:14 24 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.09	5.00	ppb	.000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 49 13:33:40 24 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.040	.200	ppb	.000

*** Sample ID: Seq: 50 13:35:56 24 Aug 09 HG
460-4858-d-2-c
Hg .118 ppb .000 .118

*** Sample ID: Seq: 51 13:37:46 24 Aug 09 HG
460-4858-d-4-c
Hg .083 ppb .000 .083

*** Sample ID: Seq: 52 13:39:31 24 Aug 09 HG
460-4858-d-5-c
Hg .092 ppb .000 .092

*** Sample ID: Seq: 53 13:42:00 24 Aug 09 HG
460-4858-c-6-c
Hg .038 ppb .000 .038

*** Sample ID: Seq: 54 13:43:54 24 Aug 09 HG
460-4865-f-1-b
Hg .099 ppb .000 .099

*** Sample ID: Seq: 55 13:46:01 24 Aug 09 HG
460-4865-f-10-b
Hg .073 ppb .000 .073

*** Sample ID: Seq: 56 13:47:55 24 Aug 09 HG
460-4865-f-11-b
Hg .050 ppb .000 .050

*** Sample ID: Seq: 57 13:50:52 24 Aug 09 HG
460-4865-f-12-b

```
Hg    .070    ppb       .000      .070

*** Check Standard: 4  Ck4ACCV      Seq:  58      13:52:47 24 Aug 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          99.6     4.98    5.00   ppb        .000

*** Check Standard: 1  Ck1CCB       Seq:  59      13:55:00 24 Aug 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.160     .200     ppb        .000

*** Sample ID:                        Seq:  60     13:56:48 24 Aug 09   HG
                          460-4865-f-13-b
Hg   -.044    ppb       .000     -.044

                             Folder:   15017HG1                    Page 2099
                             Protocol: 245_7470
                            ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                        Seq:  61     13:59:37 24 Aug 09   HG
                          460-4865-f-2-b
Hg   -.047    ppb       .000     -.047

*** Sample ID:                        Seq:  62     14:02:08 24 Aug 09   HG
                          460-4865-f-3-b
Hg    .086    ppb       .000      .086

*** Sample ID:                        Seq:  63     14:03:55 24 Aug 09   HG
                          460-4865-f-4-b
Hg    .108    ppb       .000      .108

*** Sample ID:                        Seq:  64     14:06:33 24 Aug 09   HG
                          460-4693-a-5-e
Hg    .095    ppb       .000      .095

*** Sample ID:                        Seq:  65     14:08:29 24 Aug 09   HG
                          460-4886-b-1-c@2
Hg    5.00    ppb       .000      5.00

*** Sample ID:                        Seq:  66     14:10:41 24 Aug 09   HG
                          460-4886-b-2-c@300
Hg    2.79    ppb       .000      2.79

*** Sample ID:                        Seq:  67     14:12:26 24 Aug 09   HG
                          460-4886-b-3-e@1000
Hg    3.85    ppb       .000      3.85

*** Check Standard: 4  Ck4ACCV      Seq:  68      14:15:04 24 Aug 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          101.     5.06    5.00   ppb        .000

*** Check Standard: 1  Ck1CCB       Seq:  69      14:16:48 24 Aug 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.054     .200     ppb        .000
```

Metals Worksheet

Batch Number: 460-14861
Method: 3010A
Analyst: Sanagavarapu, Suguna

Date Open: Aug 21 2009 8:00AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00014
MB~460-14861/1		3010A, 6010B		100 mL	100 mL	
LCS~460-14861/2		3010A, 6010B		100 mL	100 mL	2 mL
460-4869-C-4	GW-017338-081909-ACH-12	3010A, 6010B	T	100 mL	100 mL	
460-4869-A-4~DU	GW-017338-081909-ACH-12	3010A, 6010B	T	100 mL	100 mL	
460-4869-C-4~MS	GW-017338-081909-ACH-12	3010A, 6010B	T	100 mL	100 mL	2 mL
460-4820-C-3	FB081809		T	100 mL	100 mL	
460-4825-G-6	FB081709		T	100 mL	100 mL	
460-4835-F-1	GW-017338-081709-ACH-01	3010A, 6010B	T	100 mL	100 mL	
460-4835-F-2	GW-017338-081709-ACH-02	3010A, 6010B	T	100 mL	100 mL	
460-4835-F-3	GW-017338-081709-ACH-03	3010A, 6010B	T	100 mL	100 mL	
460-4835-F-4	GW-017338-081809-ACH-04	3010A, 6010B	T	100 mL	100 mL	
460-4835-F-5	GW-017338-081809-ACH-05	3010A, 6010B	T	100 mL	100 mL	
460-4835-F-6	GW-017338-081809-ACH-06	3010A, 6010B	T	100 mL	100 mL	
460-4835-F-7	GW-017338-081809-ACH-07	3010A, 6010B	T	100 mL	100 mL	
460-4835-F-8	GW-017338-081809-ACH-08	3010A, 6010B	T	100 mL	100 mL	
460-4869-C-1	GW-017338-081909-ACH-09	3010A, 6010B	T	100 mL	100 mL	
460-4869-C-2	GW-017338-081909-ACH-10	3010A, 6010B	T	100 mL	100 mL	
460-4869-C-3	GW-017338-081909-ACH-11	3010A, 6010B	T	100 mL	100 mL	
460-4869-C-5	GW-017338-081909-ACH-13	3010A, 6010B	T	100 mL	100 mL	
460-4869-C-6	RB-017338-081909-ACH-14	3010A, 6010B	T	100 mL	100 mL	
460-4869-C-7	GW-017338-081909-ACH-15	3010A, 6010B	T	100 mL	100 mL	
460-4880-I-2	FB		T	100 mL	100 mL	

Lot # of hydrochloric acid: H16A02
Lot # of Nitric Acid: H04030
DigestionTubes: A901LS268
Hot Block ID number: 6

Oven, Bath or Block Temperature 1: 95 Degrees C

Metals Worksheet

Batch Number: 460-14861
Method: 3010A
Analyst: Sanagavarapu, Suguna

Date Open: Aug 21 2009 8:00AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-14861/1		3010A, 6010B		
LCS~460-14861/2		3010A, 6010B		
460-4869-C-4	GW-017338-081909-ACH-12	3010A, 6010B	T	
460-4869-A-4~DU	GW-017338-081909-ACH-12	3010A, 6010B	T	
460-4869-C-4~MS	GW-017338-081909-ACH-12	3010A, 6010B	T	
460-4820-C-3	FB081809		T	
460-4825-G-6	FB081709		T	
460-4835-F-1	GW-017338-081709-ACH-01	3010A, 6010B	T	
460-4835-F-2	GW-017338-081709-ACH-02	3010A, 6010B	T	
460-4835-F-3	GW-017338-081709-ACH-03	3010A, 6010B	T	
460-4835-F-4	GW-017338-081809-ACH-04	3010A, 6010B	T	
460-4835-F-5	GW-017338-081809-ACH-05	3010A, 6010B	T	
460-4835-F-6	GW-017338-081809-ACH-06	3010A, 6010B	T	
460-4835-F-7	GW-017338-081809-ACH-07	3010A, 6010B	T	
460-4835-F-8	GW-017338-081809-ACH-08	3010A, 6010B	T	
460-4869-C-1	GW-017338-081909-ACH-09	3010A, 6010B	T	
460-4869-C-2	GW-017338-081909-ACH-10	3010A, 6010B	T	
460-4869-C-3	GW-017338-081909-ACH-11	3010A, 6010B	T	
460-4869-C-5	GW-017338-081909-ACH-13	3010A, 6010B	T	
460-4869-C-6	RB-017338-081909-ACH-14	3010A, 6010B	T	
460-4869-C-7	GW-017338-081909-ACH-15	3010A, 6010B	T	
460-4880-I-2	FB		T	

Batch Comment: 1:1HCL-MPR131

Metals Worksheet

Batch Number: 460-14989
Method: 245.1
Analyst: Cheema, Ali R

Date Open: Aug 23 2009 1:08PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00100	ME_DICV-IN_00099
MB~460-14989/1				100 mL	100 mL		
LCS~460-14989/2				100 mL	100 mL	1 mL	
460-4896-C-4	MW-3D		T	100 mL	100 mL		
460-4896-C-4~DU			T	100 mL	100 mL		
460-4896-C-4~MS			T	100 mL	100 mL	1 mL	
460-4865-F-5	MW-5		T	100 mL	100 mL		
460-4865-F-6	MW-6		T	100 mL	100 mL		
460-4865-F-7	MW-7		T	100 mL	100 mL		
460-4865-F-8	MW-8		T	100 mL	100 mL		
460-4865-F-9	MW-9		T	100 mL	100 mL		
460-4868-H-1	Wellhd-1		T	100 mL	100 mL		
460-4868-G-2	FB-1		T	100 mL	100 mL		
460-4896-D-1	MW-5D		T	100 mL	100 mL		
460-4896-D-2	MW-5S		T	100 mL	100 mL		
460-4896-D-3	MW-3S		T	100 mL	100 mL		
460-4896-D-5	MW-2S		T	100 mL	100 mL		
460-4896-D-6	MW-2D		T	100 mL	100 mL		
460-4896-D-7	MW-1		T	100 mL	100 mL		
460-4896-D-8	MW-4		T	100 mL	100 mL		
460-4896-C-9	FB		T	100 mL	100 mL		
460-4905-D-1	MW-10		T	100 mL	100 mL		
460-4905-D-2	MW-18		T	100 mL	100 mL		
IC~460-14989/23				100 mL	100 mL		
IC~460-14989/24				100 mL	100 mL	0.1 mL	
IC~460-14989/25				100 mL	100 mL	1 mL	

Metals Worksheet

Batch Number: 460-14989
Method: 245.1
Analyst: Cheema, Ali R

Date Open: Aug 23 2009 1:08PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00100	ME_DICV-IN_00099
IC~460-14989/26				100 mL	100 mL	2 mL	
IC~460-14989/27				100 mL	100 mL	5 mL	
IC~460-14989/28				100 mL	100 mL	10 mL	
CCV~460-14989/29		7470A, 7470A		100 mL	100 mL	5 mL	
ICV~460-14989/30		7470A, 7470A		100 mL	100 mL		5 mL

Lot # of Nitric Acid: G17026
Lot # of hydrochloric acid: G49A25
Sulfuric Acid Lot Number: G35029
Potassium Permanganate Lot Number: 00605LH
Stannous Chloride Lot Number: G37640
Hydroxylamine Hydrochloride Lot: G50470
NaCL Lot #: G28618

Metals Worksheet

Batch Number: 460-14991
Method: 7470A
Analyst: Cheema, Ali R

Date Open: Aug 23 2009 1:19PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00100	ME_DICV-IN_00099
MB~460-14991/1		7470A, 7470A		100 mL	100 mL		
LCS~460-14991/2		7470A, 7470A		100 mL	100 mL	1 mL	
460-4869-A-4	GW-017338-081909-ACH-12	7470A, 7470A	T	100 mL	100 mL		
460-4869-A-4~DU	GW-017338-081909-ACH-12	7470A, 7470A	T	100 mL	100 mL		
460-4869-A-4~MS	GW-017338-081909-ACH-12	7470A, 7470A	T	100 mL	100 mL	1 mL	
460-4754-E-1	J 1032-TW03-081209		T	100 mL	100 mL		
460-4825-G-6	FB081709		T	100 mL	100 mL		
460-4835-F-1	GW-017338-081709-ACH-01	7470A, 7470A	T	100 mL	100 mL		
460-4835-F-2	GW-017338-081709-ACH-02	7470A, 7470A	T	100 mL	100 mL		
460-4835-F-3	GW-017338-081709-ACH-03	7470A, 7470A	T	100 mL	100 mL		
460-4835-F-4	GW-017338-081809-ACH-04	7470A, 7470A	T	100 mL	100 mL		
460-4835-F-5	GW-017338-081809-ACH-05	7470A, 7470A	T	100 mL	100 mL		
460-4835-F-6	GW-017338-081809-ACH-06	7470A, 7470A	T	100 mL	100 mL		
460-4835-F-7	GW-017338-081809-ACH-07	7470A, 7470A	T	100 mL	100 mL		
460-4835-F-8	GW-017338-081809-ACH-08	7470A, 7470A	T	100 mL	100 mL		
460-4869-C-1	GW-017338-081909-ACH-09	7470A, 7470A	T	100 mL	100 mL		
460-4869-C-2	GW-017338-081909-ACH-10	7470A, 7470A	T	100 mL	100 mL		
460-4869-C-3	GW-017338-081909-ACH-11	7470A, 7470A	T	100 mL	100 mL		
460-4869-C-5	GW-017338-081909-ACH-13	7470A, 7470A	T	100 mL	100 mL		
IC~460-14991/20				100 mL	100 mL		
IC~460-14991/21				100 mL	100 mL	0.1 mL	
IC~460-14991/22				100 mL	100 mL	1 mL	
IC~460-14991/23				100 mL	100 mL	2 mL	
IC~460-14991/24				100 mL	100 mL	5 mL	
IC~460-14991/25				100 mL	100 mL	10 mL	

Metals Worksheet

Batch Number: 460-14991
Method: 7470A
Analyst: Cheema, Ali R

Date Open: Aug 23 2009 1:19PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00100	ME_DICV-IN_00099
CCV~460-14991/26				100 mL	100 mL	5 mL	
ICV~460-14991/27				100 mL	100 mL		5 mL

Lot # of Nitric Acid:	g17026
Lot # of hydrochloric acid:	g49a25
Sulfuric Acid Lot Number:	g35029
Potassium Permanganate Lot Number:	00605lh
Stannous Chloride Lot Number:	g37640
Hydroxylamine Hydrochloride Lot:	g504470
NaCL Lot #:	g28618

Metals Worksheet

Batch Number: 460-15017
Method: 7470A
Analyst: Staib, Thomas

Date Open: Aug 24 2009 8:00AM
Batch End: Aug 24 2009 10:00AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00100	ME_DICV-IN_00099
IC~460-15017/1				100 mL	100 mL		
IC~460-15017/2				100 mL	100 mL	0.1 mL	
IC~460-15017/3				100 mL	100 mL	1 mL	
IC~460-15017/4				100 mL	100 mL	2 mL	
IC~460-15017/5				100 mL	100 mL	5 mL	
IC~460-15017/6				100 mL	100 mL	10 mL	
CCV~460-15017/7		7470A, 7470A		100 mL	100 mL	5 mL	
CCB~460-15017/8		7470A, 7470A		100 mL	100 mL		
ICV~460-15017/9		7470A, 7470A		100 mL	100 mL		5 mL
MB~460-15017/10		7470A, 7470A		100 mL	100 mL		
LCS~460-15017/11		7470A, 7470A		100 mL	100 mL	1 mL	
460-4869-C-7	GW-017338-081909-ACH-15	7470A, 7470A	T	100 mL	100 mL		
460-4869-C-7~DU		7470A, 7470A	T	100 mL	100 mL		
460-4869-C-7~MS		7470A, 7470A	T	100 mL	100 mL	1 mL	
460-4754-E-2	J 1032-TW11-081209		T	100 mL	100 mL		
460-4754-E-3	J 1032-TW19-081209		T	100 mL	100 mL		
460-4754-E-4	J 1032-TW32-081309		T	100 mL	100 mL		
460-4754-E-5	J 1032-TW35-081309		T	100 mL	100 mL		
460-4754-E-6	J 1032-TW40-081309		T	100 mL	100 mL		
460-4869-C-6	RB-017338-081909-ACH-14	7470A, 7470A	T	100 mL	100 mL		
460-4880-I-2	FB		T	100 mL	100 mL		
460-4909-C-38	FB-18E-082009		T	100 mL	100 mL		
460-4943-H-18	FB		T	100 mL	100 mL		
460-4954-C-58	20090821 FB		T	100 mL	100 mL		
460-4928-A-10	20090819DEB		D	100 mL	100 mL		

Metals Worksheet

Batch Number: 460-15017
Method: 7470A
Analyst: Staib, Thomas

Date Open: Aug 24 2009 8:00AM
Batch End: Aug 24 2009 10:00AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00100	ME_DICV-IN_00099
460-4928-A-12	20090820TW-35SV13 DN		D	100 mL	100 mL		
460-4928-A-14	20090820MW-7V16DN		D	100 mL	100 mL		
460-4928-A-16	20090820TW-34SV14 DN		D	100 mL	100 mL		
460-4928-A-18	20090820DEB		D	100 mL	100 mL		
460-4928-A-2	20090819MW-5V13DN		D	100 mL	100 mL		
460-4928-A-20	20090820TW-33SV13 DN		D	100 mL	100 mL		
460-4928-A-22	20090820TW-32SV14 DN		D	100 mL	100 mL		
460-4847-A-1-A	001		D	100 mL	100 mL		

Oven, Bath or Block Temperature 1:	95 Celsius
Hood ID or number:	#2
ID number of the thermometer:	Prep-1
Temperature:	95
Lot # of Nitric Acid:	H04030
Lot # of hydrochloric acid:	HgR01051
Sulfuric Acid Lot Number:	G35029
Potassium Permanganate Lot Number:	HgR01050
Potassium Persulfate Lot Number:	HgR01053
Stannous Chloride Lot Number:	HgR01054
Hydroxylamine Hydrochloride Lot:	G50470
NaCL Lot #:	G28618

Shipping and Receiving Documents

GM REALM ENCORE

2 COOLERS

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

09/02/2009

4835

ID # Nº 09625

PAGE 1 OF 1

SSOW Ref. Code: C009/009

Required Client Information:

Company: CRA	Report To: Sue Scrocchi
Address: 261 Martindale	Copy To: Greg Carli
Road Unit 3 St. Catherines	Invoice To: Darla Stewart
ON L2W1A2	P.O.: ~~550W#2009009400882787~~
Phone: 905 682 0510	Project Name: GM Wilmington
Fax:	Project Number: 017338
E-mail:	

Laboratory: Test America	
Laboratory Location: Edison, NJ	
Laboratory Contact: Jay Kelly	
Requested Due Date:	TAT:
QA/QC Requirements:	

Analysis and Method

Preservative

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	VOC's	BNA's	TAL Metals													Remarks/Lab ID
Valid Matrix Codes: WG Groundwater, WB Borehole Water, WS Surface Water, SO Soil, SE Sediment, See Back for Additional Codes																										
1. GW-017338-081709-ACM-01	WG	08/17/09	1330	6	2	3		1			X	X	X												1	
2. GW-017338-081709-ACM-02	WG	08/17/09	1430	6	2	3		1			X	X	X												2	
3. GW-017338-081709-ACM-03	WG	08/17/09	1540	6	2	3		1			X	X	X												3	
4. GW-017338-081809-ACM-04	WG	08/18/09	0930	6	2	3		1			X	X	X												4	
5. GW-017338-081809-ACM-05	WG	08/18/09	1030	6	2	3		1			X	X	X												5	
6. GW-017338-081809-ACM-06	WG	08/18/09	1140	6	2	3		1			X	X	X												6	
7. GW-017338-081809-ACM-07	WG	08/18/09	1340	6	2	3		1			X	X	X												7	
8. GW-017338-081809-ACM-08	WG	08/18/09	1450	6	2	3		1			X	X	X												8	
9. TB-017338-081809-ACM-001	W	08/18/09	~~0930~~	3		3					X														9	trip blank
10. ~~TB-017338-081809-ACM-002~~	~~W~~	08/18/09	—	3		3					X															trip blank
11.																										
12.																										
13.																										
14.																										
15.																										
TOTAL NUMBER OF CONTAINERS																										

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Courier	2		08/18/09	1510		8/18	1510
AIRBILL NO.			8/18	1641		8-18	845

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Amanda Hunter

Sampler Signature: Amanda Hunter Date: 08/18/09

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

GM REALM
ENCORE

3.1 $ JRL 98

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

ID # Nº 03113

SSOW Ref. Code: E0091009

Required Client Information:

Company: EBA	Report To: Sue Scracchi
Address: 261 Martindale Road St. Catherines ON L2W 1A2	Copy To: Greg Carli
	Invoice To: Darla Stewart
	P.O.: SSOW # E0091009
Phone: 905 682 0510	Project Name: GM Wilmington
Fax:	Project Number: 017338
E-mail:	

Laboratory: Test America	
Laboratory Location: ~~Beverly~~ Edison, NJ	
Laboratory Contact: Joy Kelly	
Requested Due Date:	TAT: Standard
QA/QC Requirements:	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: VOCs	TAL Metals	BNA's	Remarks/Lab ID
1.	GW-017338-081909-09	WG	08/19/09	0900	6	2	3		1			X	X	X	1
2.	GW-017338-081909-10	WG	08/19/09	0915	6	2	3		1			X	X	X	2
3.	GW-017338-081909-11	WG	08/19/09	1030	6	2	3		1			X	X	X	3
4.	GW-017338-081909-12	WG	08/19/09	1145	18	6	9		3			X	X	X	4/MS/MSD
5.	GW-017336-081909-13	WG	08/19/09	1400	6	2	3		1			X	X	X	5
6.	RB-017338-081909-14	W	08/19/09	1430	6	2	3		1			X	X	X	6
7.	GW-017338-081909-15	WG	08/19/09	1530	6	2	3		1			X	X	X	7
8.	TB-017338-081909-002	W	08/19/09	—	6		6					X			8
9.															
10.															
11.															
12.															
13.															
14.															
15.															
	TOTAL NUMBER OF CONTAINERS														

4869
moved into 4835

Page 1359 of 1361

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Courier/Lab	2	Amanda Hunter	08/19/09	1511			
AIRBILL NO.			8/19	1911		8/19	1911

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

09/09/2009

Additional Comments:

Sampler Name: Amanda Hunter

Sampler Signature: Amanda Hunter Date: 08/19/09

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-4835-1

Login Number: 4835

List Source: TestAmerica Edison

Creator: Abrams, Stacey

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0 °C IR #68
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-4835-1

Login Number: 4869

List Source: TestAmerica Edison

Creator: Abrams, Stacey

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3°C IR# 98
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-7904-1

Job Description: GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304

Attention: Ms. Sue Scrocchi

Approved for release.
Joy Kelly
Project Manager II
11/30/2009 11:45 AM

Joy Kelly
Project Manager II
joy.kelly@testamericainc.com
11/30/2009

cc: Mr. Greg Carli

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Table of Contents

Cover Title Page 1

Data Summaries 5

- Report Narrative 5
- Sample Summary 7
- Executive Summary 8
- Method Summary 11
- Method / Analyst Summary 12
- Sample Datasheets 13
- Surrogate Summary 51
- QC Data Summary 53
- Data Qualifiers 82
- QC Association Summary 83
- Lab Chronicle 87

Organic Sample Data 91

- GC/MS VOA 91
  - Method 8260B 91
    - Method 8260B QC Summary 92
    - Method 8260B Sample Data 112
    - Standards Data 139
      - Method 8260B ICAL Data 139
      - Method 8260B CCAL Data 179
    - Raw QC Data 190
      - Method 8260B Tune Data 190
      - Method 8260B Blank Data 198
      - Method 8260B LCS/LCSD Data 207
      - Method 8260B MS/MSD Data 216

Table of Contents

Method 8260B Run Logs 234

Method 8260B Prep Data 237

GC/MS Semi VOA 246

Method 8270C 246

Method 8270C QC Summary 247

Method 8270C Sample Data 262

Standards Data 354

Method 8270C ICAL Data 354

Method 8270C CCAL Data 447

Raw QC Data 465

Method 8270C Tune Data 465

Method 8270C LCS/LCSD Data 481

Method 8270C MS/MSD Data 488

Method 8270C Run Logs 502

Method 8270C Prep Data 506

Inorganic Sample Data 521

Metals Data 521

Met Cover Page 522

Met Sample Data 523

Met QC Data 528

Met ICV/CCV 528

Met Blanks 532

Met ICSA/ICSAB 537

Met MS/MSD/PDS 541

Met Duplicates 542

Met LCS/LCSD 543

Table of Contents

Met Serial Dilution 545

Met MDL 547

Met IECF 549

Met Linear Ranges 553

Met Preparation Log 554

Met Analysis Run Log 556

Met Raw Data 562

Met Prep Data 624

Shipping and Receiving Documents 628

Client Chain of Custody 629

Sample Receipt Checklist 630

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: GM Wilmington

Report Number: 460-7904-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 11/12/2009; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.0, 1.0, 2.0 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-7904-1 through 460-7904-5 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/16/2009 and analyzed on 11/17/2009.

Aluminum and Iron failed the recovery criteria high for the MS of sample 460-7904-2 in batch 460-22586. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-7904-1 through 460-7904-5 were analyzed for total mercury in accordance with EPA SW-846 Method 7470A. The samples were prepared and analyzed on 11/19/2009.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-7904-1 through 460-7904-6 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/23/2009 and 11/24/2009.

The matrix spike (MS) recoveries for batch 23604 were outside control limits for Benzene due to the high concentration in the sample relative to the spike concentration. The associated laboratory control sample (LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-7904-1 through 460-7904-5 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 11/13/2009 and analyzed on 11/13/2009 and 11/17/2009.

The laboratory control sample (LCS) for batch 22553 exceeded control limits for the following analytes: 2,4-Dinitrophenol, Benzaldehyde, Benzo[g,h,i]perylene and Phenol.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 22553 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-7904-1	EB-017338-111209-ACH-01	Water	11/12/2009 0930	11/12/2009 1900
460-7904-2	GW-017338-111209-ACH-02	Water	11/12/2009 1040	11/12/2009 1900
460-7904-2DU	GW-017338-111209-ACH-02	Water	11/12/2009 1040	11/12/2009 1900
460-7904-2MS	GW-017338-111209-ACH-02	Water	11/12/2009 1040	11/12/2009 1900
460-7904-2MSD	GW-017338-111209-ACH-02	Water	11/12/2009 1040	11/12/2009 1900
460-7904-3	GW-017338-111209-ACH-03	Water	11/12/2009 1150	11/12/2009 1900
460-7904-4	GW-017338-111209-ACH-04	Water	11/12/2009 1200	11/12/2009 1900
460-7904-5	GW-017338-111209-ACH-05	Water	11/12/2009 1310	11/12/2009 1900
460-7904-6TB	TB-017338-111209-ACH-01	Water	11/12/2009 0000	11/12/2009 1900

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-7904-1	**EB-017338-111209-ACH-01**					
Methylene Chloride		1.2		1.0	ug/L	8260B
Calcium		308	J	5000	ug/L	6010B
Magnesium		170	J	5000	ug/L	6010B
Sodium		409	J	5000	ug/L	6010B
460-7904-2	**GW-017338-111209-ACH-02**					
MTBE		0.18	J	1.0	ug/L	8260B
Tetrachloroethene		0.53	J	1.0	ug/L	8260B
Aluminum		6460		200	ug/L	6010B
Barium		283		200	ug/L	6010B
Calcium		53900		5000	ug/L	6010B
Chromium		9.8	J	10.0	ug/L	6010B
Cobalt		4.3	J	50.0	ug/L	6010B
Copper		22.4	J	25.0	ug/L	6010B
Iron		23100		150	ug/L	6010B
Magnesium		26500		5000	ug/L	6010B
Manganese		386		15.0	ug/L	6010B
Nickel		5.7	J	40.0	ug/L	6010B
Potassium		8960		5000	ug/L	6010B
Silver		1.1	J	10.0	ug/L	6010B
Sodium		146000		5000	ug/L	6010B
Vanadium		10.1	J	50.0	ug/L	6010B
Zinc		19.4	J	30.0	ug/L	6010B
Mercury		0.36		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-7904-3	**GW-017338-111209-ACH-03**					
MTBE		8.9		1.0	ug/L	8260B
Cyclohexane		5.3		1.0	ug/L	8260B
Methylcyclohexane		18		1.0	ug/L	8260B
Benzene		12		1.0	ug/L	8260B
Isopropylbenzene		24		1.0	ug/L	8260B
Toluene		0.25	J	1.0	ug/L	8260B
Chlorobenzene		2.8		1.0	ug/L	8260B
Ethylbenzene		0.80	J	1.0	ug/L	8260B
Xylenes, Total		17		3.0	ug/L	8260B
Naphthalene		220		10	ug/L	8270C
Aluminum		2530		200	ug/L	6010B
Arsenic		3.9	J	5.0	ug/L	6010B
Barium		613		200	ug/L	6010B
Calcium		60100		5000	ug/L	6010B
Cobalt		21.8	J	50.0	ug/L	6010B
Iron		85100		150	ug/L	6010B
Magnesium		40800		5000	ug/L	6010B
Manganese		1980		15.0	ug/L	6010B
Potassium		4020	J	5000	ug/L	6010B
Sodium		109000		5000	ug/L	6010B
Vanadium		3.0	J	50.0	ug/L	6010B
460-7904-4	**GW-017338-111209-ACH-04**					
MTBE		9.1		1.0	ug/L	8260B
Cyclohexane		5.1		1.0	ug/L	8260B
Methylcyclohexane		18		1.0	ug/L	8260B
Benzene		12		1.0	ug/L	8260B
Isopropylbenzene		24		1.0	ug/L	8260B
Toluene		0.28	J	1.0	ug/L	8260B
Chlorobenzene		2.8		1.0	ug/L	8260B
Ethylbenzene		0.79	J	1.0	ug/L	8260B
Xylenes, Total		17		3.0	ug/L	8260B
Naphthalene		220		10	ug/L	8270C
Aluminum		2410		200	ug/L	6010B
Arsenic		4.4	J	5.0	ug/L	6010B
Barium		618		200	ug/L	6010B
Calcium		60100		5000	ug/L	6010B
Cobalt		21.4	J	50.0	ug/L	6010B
Iron		85100		150	ug/L	6010B
Magnesium		40800		5000	ug/L	6010B
Manganese		1980		15.0	ug/L	6010B
Potassium		4110	J	5000	ug/L	6010B
Sodium		109000		5000	ug/L	6010B
Vanadium		3.1	J	50.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-7904-5	**GW-017338-111209-ACH-05**					
cis-1,2-Dichloroethene		0.41	J	1.0	ug/L	8260B
Chlorobenzene		0.18	J	1.0	ug/L	8260B
Aluminum		2250		200	ug/L	6010B
Barium		198	J	200	ug/L	6010B
Calcium		40500		5000	ug/L	6010B
Iron		5240		150	ug/L	6010B
Magnesium		11500		5000	ug/L	6010B
Manganese		390		15.0	ug/L	6010B
Potassium		4640	J	5000	ug/L	6010B
Silver		1.3	J	10.0	ug/L	6010B
Sodium		73800		5000	ug/L	6010B
Vanadium		4.9	J	50.0	ug/L	6010B
460-7904-6TB	**TB-017338-111209-ACH-001**					
Methylene Chloride		0.43	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Desai, Saurab	SD
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Szczech, Anna	AS
SW846 6010B	Polidori, Michael	MPP
SW846 7470A	Sheikh, Razia B	RBS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **EB-017338-111209-ACH-01**

Lab Sample ID: 460-7904-1 Date Sampled: 11/12/2009 0930
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p32320.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 1424			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 1424				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.2		0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **EB-017338-111209-ACH-01**

Lab Sample ID: 460-7904-1 Date Sampled: 11/12/2009 0930
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32320.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 1424		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 1424		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 122
Toluene-d8 (Surr)	115		69 - 125
Bromofluorobenzene	97		69 - 135

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **EB-017338-111209-ACH-01**

Lab Sample ID: 460-7904-1 Date Sampled: 11/12/2009 0930
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32320.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 1424		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 1424		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-02**

Lab Sample ID: 460-7904-2 Date Sampled: 11/12/2009 1040
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32312.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 1111		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 1111		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	0.18	J	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	0.53	J	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-02**

Lab Sample ID: 460-7904-2 Date Sampled: 11/12/2009 1040
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p32312.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 1111			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 1111				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 122
Toluene-d8 (Surr)	112		69 - 125
Bromofluorobenzene	92		69 - 135

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-02**

Lab Sample ID: 460-7904-2 Date Sampled: 11/12/2009 1040
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32312.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 1111		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 1111		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-03**

Lab Sample ID: 460-7904-3 Date Sampled: 11/12/2009 1150
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32321.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 1448		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 1448		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	8.9		0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	5.3		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	18		0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	12		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	24		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	0.25	J	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	2.8		0.16	1.0
Ethylbenzene	0.80	J	0.25	1.0
Xylenes, Total	17		0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-03**

Lab Sample ID: 460-7904-3 Date Sampled: 11/12/2009 1150
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p32321.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 1448			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 1448				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 122
Toluene-d8 (Surr)	116		69 - 125
Bromofluorobenzene	95		69 - 135

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-03**

Lab Sample ID: 460-7904-3 Date Sampled: 11/12/2009 1150
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32321.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 1448		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 1448		

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C9H10 Aromatic	9.86	350	T J
	Diethylbenzene isomer	9.91	39	T J
	Diethylbenzene isomer-2	9.98	42	T J
	Diethylbenzene isomer-3	10.11	19	T J
	C10H14 Aromatic	10.36	180	T J
	2,3-dihydro-methyl-1H-Indene isomer	10.41	42	T J
-2	C10H14 Aromatic-1	10.49	17	T J N
	Tetramethylbenzene isomer	10.72	130	T J
	Tetramethylbenzene isomer-2	10.76	85	T J
	2,3-dihydro-methyl-1H-Indene isomer-2	10.92	54	T J
	2,3-dihydro-methyl-1H-Indene isomer-3	11.06	220	T J
	Coeluting Aromatics	11.16	14	T J
	C11H16 Aromatic	11.37	27	T J
91-20-3	Naphthalene	11.63	290	
	C11H16 Aromatic	12.05	18	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-04**

Lab Sample ID: 460-7904-4 Date Sampled: 11/12/2009 1200
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 460-23541 Instrument ID: VOAMS13
Preparation: 5030B Lab File ID: p32332.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 11/23/2009 1913 Final Weight/Volume: 5 mL
Date Prepared: 11/23/2009 1913

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	9.1		0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	5.1		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	18		0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	12		0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	24		0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	0.28	J	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	2.8		0.16	1.0
Ethylbenzene	0.79	J	0.25	1.0
Xylenes, Total	17		0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-04**

Lab Sample ID: 460-7904-4 Date Sampled: 11/12/2009 1200
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p32332.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 1913			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 1913				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 122
Toluene-d8 (Surr)	114		69 - 125
Bromofluorobenzene	94		69 - 135

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-04**

Lab Sample ID: 460-7904-4 Date Sampled: 11/12/2009 1200
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23541	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32332.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 1913		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 1913		

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Dimethylcyclohexane isomer	4.31	15	T J
	C9H10 Aromatic	9.86	350	T J
	Diethylbenzene isomer	9.91	39	T J
	Diethylbenzene isomer-2	9.98	42	T J
	Diethylbenzene isomer-3	10.11	19	T J
	C10H14 Aromatic	10.36	180	T J
	2,3-dihydro-methyl-1H-Indene isomer-1	10.41	41	T J
	C10H14 Aromatic-2	10.49	18	T J
	Tetramethylbenzene isomer	10.72	140	T J
	Tetramethylbenzene isomer-2	10.76	85	T J
	2,3-dihydro-methyl-1H-Indene isomer	10.92	54	T J
	2,3-dihydro-methyl-1H-Indene isomer-2	11.06	220	T J
	C11H16 Aromatic	11.37	27	T J
91-20-3	Naphthalene	11.63	300	
	C11H16 Aromatic-2	12.05	18	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-05**

Lab Sample ID: 460-7904-5 Date Sampled: 11/12/2009 1310
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23604	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32344.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/24/2009 0019		Final Weight/Volume: 5 mL
Date Prepared:	11/24/2009 0019		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	0.41	J	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	0.18	J	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-05**

Lab Sample ID: 460-7904-5 Date Sampled: 11/12/2009 1310
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23604		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p32344.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/24/2009 0019			Final Weight/Volume:	5 mL
Date Prepared:	11/24/2009 0019				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 122
Toluene-d8 (Surr)	117		69 - 125
Bromofluorobenzene	97		69 - 135

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-05**

Lab Sample ID: 460-7904-5 Date Sampled: 11/12/2009 1310
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23604	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32344.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/24/2009 0019		Final Weight/Volume: 5 mL
Date Prepared:	11/24/2009 0019		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **TB-017338-111209-ACH-001**

Lab Sample ID: 460-7904-6TB Date Sampled: 11/12/2009 0000
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23604		Instrument ID:	VOAMS13
Preparation:	5030B			Lab File ID:	p32345.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/24/2009 0043			Final Weight/Volume:	5 mL
Date Prepared:	11/24/2009 0043				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	0.43	J	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **TB-017338-111209-ACH-001**

Lab Sample ID: 460-7904-6TB Date Sampled: 11/12/2009 0000
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23604	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32345.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/24/2009 0043		Final Weight/Volume: 5 mL
Date Prepared:	11/24/2009 0043		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 122
Toluene-d8 (Surr)	114		69 - 125
Bromofluorobenzene	94		69 - 135

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **TB-017338-111209-ACH-001**

Lab Sample ID: 460-7904-6TB Date Sampled: 11/12/2009 0000
Client Matrix: Water Date Received: 11/12/2009 1900

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-23604	Instrument ID: VOAMS13
Preparation:	5030B		Lab File ID: p32345.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/24/2009 0043		Final Weight/Volume: 5 mL
Date Prepared:	11/24/2009 0043		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **EB-017338-111209-ACH-01**

Lab Sample ID: 460-7904-1 Date Sampled: 11/12/2009 0930
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-22586		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5816.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	11/13/2009 1925			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	5.1	U *	0.68	5.1
Phenol	5.1	U *	0.45	5.1
Bis(2-chloroethyl)ether	0.51	U	0.21	0.51
2-Chlorophenol	5.1	U	1.3	5.1
2-Methylphenol	5.1	U	0.85	5.1
Acetophenone	5.1	U	2.2	5.1
N-Nitrosodi-n-propylamine	0.51	U	0.16	0.51
Hexachloroethane	0.51	U	0.26	0.51
Nitrobenzene	0.51	U	0.21	0.51
Isophorone	5.1	U	1.8	5.1
2-Nitrophenol	5.1	U	1.7	5.1
2,4-Dimethylphenol	5.1	U	1.3	5.1
Bis(2-chloroethoxy)methane	5.1	U	1.8	5.1
2,4-Dichlorophenol	5.1	U	1.4	5.1
Naphthalene	5.1	U	1.9	5.1
4-Chloroaniline	5.1	U	1.1	5.1
Hexachlorobutadiene	1.0	U	0.48	1.0
Caprolactam	5.1	U	0.26	5.1
4-Chloro-3-methylphenol	5.1	U	1.0	5.1
2-Methylnaphthalene	5.1	U	1.6	5.1
Hexachlorocyclopentadiene	5.1	U	2.3	5.1
2,4,6-Trichlorophenol	5.1	U	1.6	5.1
2,4,5-Trichlorophenol	5.1	U	1.3	5.1
2-Chloronaphthalene	5.1	U	1.9	5.1
2-Nitroaniline	10	U	2.9	10
Dimethyl phthalate	5.1	U	1.7	5.1
Acenaphthylene	5.1	U	2.1	5.1
2,6-Dinitrotoluene	1.0	U	0.30	1.0
3-Nitroaniline	10	U	2.2	10
Acenaphthene	5.1	U	1.9	5.1
2,4-Dinitrophenol	15	U *	2.5	15
4-Nitrophenol	15	U	1.2	15
Dibenzofuran	5.1	U	1.8	5.1
2,4-Dinitrotoluene	1.0	U	0.22	1.0
Diethyl phthalate	5.1	U	1.9	5.1
4-Chlorophenyl phenyl ether	5.1	U	2.0	5.1
Fluorene	5.1	U	1.7	5.1
4-Nitroaniline	10	U	2.0	10
4,6-Dinitro-2-methylphenol	15	U	2.7	15
N-Nitrosodiphenylamine	5.1	U	2.0	5.1
4-Bromophenyl phenyl ether	5.1	U	2.0	5.1
Hexachlorobenzene	0.51	U	0.14	0.51
Atrazine	5.1	U	2.4	5.1
Pentachlorophenol	15	U	2.6	15
Phenanthrene	5.1	U	1.8	5.1
Anthracene	5.1	U	1.8	5.1

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **EB-017338-111209-ACH-01**

Lab Sample ID: 460-7904-1 Date Sampled: 11/12/2009 0930
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-22586		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5816.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	11/13/2009 1925			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	5.1	U	1.6	5.1
Di-n-butyl phthalate	5.1	U	1.4	5.1
Fluoranthene	5.1	U	1.3	5.1
Pyrene	5.1	U	2.2	5.1
Butyl benzyl phthalate	5.1	U	1.4	5.1
3,3'-Dichlorobenzidine	10	U	3.6	10
Benzo[a]anthracene	0.51	U	0.14	0.51
Chrysene	5.1	U	1.9	5.1
Bis(2-ethylhexyl) phthalate	5.1	U	1.2	5.1
Di-n-octyl phthalate	5.1	U	0.97	5.1
Benzo[b]fluoranthene	0.51	U	0.11	0.51
Benzo[k]fluoranthene	0.51	U	0.15	0.51
Benzo[a]pyrene	0.51	U	0.092	0.51
Indeno[1,2,3-cd]pyrene	0.51	U	0.061	0.51
Dibenz(a,h)anthracene	0.51	U	0.082	0.51
Benzo[g,h,i]perylene	5.1	U *	1.4	5.1
Diphenyl	5.1	U	2.8	5.1
4-Methylphenol	5.1	U	0.81	5.1
bis (2-chloroisopropyl) ether	5.1	U	1.6	5.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	38		14 - 68
2-Fluorobiphenyl	89		61 - 112
Phenol-d5	24		9 - 48
Nitrobenzene-d5	97		61 - 120
2,4,6-Tribromophenol	80		50 - 119
Terphenyl-d14	101		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **EB-017338-111209-ACH-01**

Lab Sample ID: 460-7904-1 Date Sampled: 11/12/2009 0930
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-22586		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5816.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	11/13/2009 1925			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-02**

Lab Sample ID: 460-7904-2 Date Sampled: 11/12/2009 1040
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-22586		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5813.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	11/13/2009 1812			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	5.6	U *	0.74	5.6
Phenol	5.6	U *	0.49	5.6
Bis(2-chloroethyl)ether	0.56	U	0.23	0.56
2-Chlorophenol	5.6	U	1.5	5.6
2-Methylphenol	5.6	U	0.92	5.6
Acetophenone	5.6	U	2.4	5.6
N-Nitrosodi-n-propylamine	0.56	U	0.18	0.56
Hexachloroethane	0.56	U	0.28	0.56
Nitrobenzene	0.56	U	0.23	0.56
Isophorone	5.6	U	2.0	5.6
2-Nitrophenol	5.6	U	1.9	5.6
2,4-Dimethylphenol	5.6	U	1.4	5.6
Bis(2-chloroethoxy)methane	5.6	U	1.9	5.6
2,4-Dichlorophenol	5.6	U	1.5	5.6
Naphthalene	5.6	U	2.0	5.6
4-Chloroaniline	5.6	U	1.2	5.6
Hexachlorobutadiene	1.1	U	0.52	1.1
Caprolactam	5.6	U	0.28	5.6
4-Chloro-3-methylphenol	5.6	U	1.1	5.6
2-Methylnaphthalene	5.6	U	1.7	5.6
Hexachlorocyclopentadiene	5.6	U	2.5	5.6
2,4,6-Trichlorophenol	5.6	U	1.8	5.6
2,4,5-Trichlorophenol	5.6	U	1.4	5.6
2-Chloronaphthalene	5.6	U	2.1	5.6
2-Nitroaniline	11	U	3.2	11
Dimethyl phthalate	5.6	U	1.8	5.6
Acenaphthylene	5.6	U	2.2	5.6
2,6-Dinitrotoluene	1.1	U	0.33	1.1
3-Nitroaniline	11	U	2.4	11
Acenaphthene	5.6	U	2.1	5.6
2,4-Dinitrophenol	17	U *	2.7	17
4-Nitrophenol	17	U	1.3	17
Dibenzofuran	5.6	U	2.0	5.6
2,4-Dinitrotoluene	1.1	U	0.24	1.1
Diethyl phthalate	5.6	U	2.1	5.6
4-Chlorophenyl phenyl ether	5.6	U	2.2	5.6
Fluorene	5.6	U	1.8	5.6
4-Nitroaniline	11	U	2.2	11
4,6-Dinitro-2-methylphenol	17	U	2.9	17
N-Nitrosodiphenylamine	5.6	U	2.2	5.6
4-Bromophenyl phenyl ether	5.6	U	2.2	5.6
Hexachlorobenzene	0.56	U	0.15	0.56
Atrazine	5.6	U	2.6	5.6
Pentachlorophenol	17	U	2.8	17
Phenanthrene	5.6	U	2.0	5.6
Anthracene	5.6	U	2.0	5.6

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-02**

Lab Sample ID: 460-7904-2 Date Sampled: 11/12/2009 1040
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-22586	Instrument ID: BNAMS11
Preparation:	3510C	Prep Batch: 460-22553	Lab File ID: z5813.d
Dilution:	1.0		Initial Weight/Volume: 900 mL
Date Analyzed:	11/13/2009 1812		Final Weight/Volume: 1 mL
Date Prepared:	11/13/2009 0850		Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	5.6	U	1.7	5.6
Di-n-butyl phthalate	5.6	U	1.5	5.6
Fluoranthene	5.6	U	1.5	5.6
Pyrene	5.6	U	2.4	5.6
Butyl benzyl phthalate	5.6	U	1.5	5.6
3,3'-Dichlorobenzidine	11	U	3.9	11
Benzo[a]anthracene	0.56	U	0.15	0.56
Chrysene	5.6	U	2.1	5.6
Bis(2-ethylhexyl) phthalate	5.6	U	1.3	5.6
Di-n-octyl phthalate	5.6	U	1.1	5.6
Benzo[b]fluoranthene	0.56	U	0.12	0.56
Benzo[k]fluoranthene	0.56	U	0.17	0.56
Benzo[a]pyrene	0.56	U	0.10	0.56
Indeno[1,2,3-cd]pyrene	0.56	U	0.067	0.56
Dibenz(a,h)anthracene	0.56	U	0.089	0.56
Benzo[g,h,i]perylene	5.6	U *	1.5	5.6
Diphenyl	5.6	U	3.0	5.6
4-Methylphenol	5.6	U	0.88	5.6
bis (2-chloroisopropyl) ether	5.6	U	1.8	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	37		14 - 68
2-Fluorobiphenyl	87		61 - 112
Phenol-d5	24		9 - 48
Nitrobenzene-d5	95		61 - 120
2,4,6-Tribromophenol	81		50 - 119
Terphenyl-d14	94		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-02**

Lab Sample ID: 460-7904-2 Date Sampled: 11/12/2009 1040
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-22586		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5813.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	11/13/2009 1812			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-03**

Lab Sample ID: 460-7904-3 Date Sampled: 11/12/2009 1150
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-23191		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5933.d
Dilution:	2.0			Initial Weight/Volume:	970 mL
Date Analyzed:	11/17/2009 1643			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	1.4	10
Phenol	10	U *	0.92	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2-Chlorophenol	10	U	2.7	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.4	10
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Hexachloroethane	1.0	U	0.52	1.0
Nitrobenzene	1.0	U	0.42	1.0
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
2,4-Dimethylphenol	10	U	2.6	10
Bis(2-chloroethoxy)methane	10	U	3.6	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	220		3.8	10
4-Chloroaniline	10	U	2.2	10
Hexachlorobutadiene	2.1	U	0.97	2.1
Caprolactam	10	U	0.52	10
4-Chloro-3-methylphenol	10	U	2.1	10
2-Methylnaphthalene	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.7	10
2,4,6-Trichlorophenol	10	U	3.3	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	3.9	10
2-Nitroaniline	21	U	5.9	21
Dimethyl phthalate	10	U	3.4	10
Acenaphthylene	10	U	4.2	10
2,6-Dinitrotoluene	2.1	U	0.61	2.1
3-Nitroaniline	21	U	4.5	21
Acenaphthene	10	U	3.9	10
2,4-Dinitrophenol	31	U *	5.0	31
4-Nitrophenol	31	U	2.4	31
Dibenzofuran	10	U	3.7	10
2,4-Dinitrotoluene	2.1	U	0.44	2.1
Diethyl phthalate	10	U	3.9	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
Fluorene	10	U	3.4	10
4-Nitroaniline	21	U	4.1	21
4,6-Dinitro-2-methylphenol	31	U	5.4	31
N-Nitrosodiphenylamine	10	U	4.0	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Hexachlorobenzene	1.0	U	0.28	1.0
Atrazine	10	U	4.9	10
Pentachlorophenol	31	U	5.3	31
Phenanthrene	10	U	3.7	10
Anthracene	10	U	3.7	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-03**

Lab Sample ID: 460-7904-3 Date Sampled: 11/12/2009 1150
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-23191		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5933.d
Dilution:	2.0			Initial Weight/Volume:	970 mL
Date Analyzed:	11/17/2009 1643			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.9	10
3,3'-Dichlorobenzidine	21	U	7.2	21
Benzo[a]anthracene	1.0	U	0.28	1.0
Chrysene	10	U	3.9	10
Bis(2-ethylhexyl) phthalate	10	U	2.5	10
Di-n-octyl phthalate	10	U	2.0	10
Benzo[b]fluoranthene	1.0	U	0.22	1.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Benzo[a]pyrene	1.0	U	0.19	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U *	2.8	10
Diphenyl	10	U	5.6	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	40		14 - 68
2-Fluorobiphenyl	88		61 - 112
Phenol-d5	24		9 - 48
Nitrobenzene-d5	88		61 - 120
2,4,6-Tribromophenol	100		50 - 119
Terphenyl-d14	81		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-03**

Lab Sample ID: 460-7904-3 Date Sampled: 11/12/2009 1150
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-23191		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5933.d
Dilution:	2.0			Initial Weight/Volume:	970 mL
Date Analyzed:	11/17/2009 1643			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Tentatively Identified Compounds **Number TIC's Found:** **23**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Xylene isomer	2.08	15	T J
	Methylethylbenzene isomer	2.52	22	T J
	Unknown-1	3.28	20	T J
496-11-7	Indane	3.50	240	T J N
	Diethylbenzene isomer-1	3.59	39	T J
	Diethylbenzene isomer-2	3.66	82	T J
	Ethyldimethylbenzene isomer-1	3.82	16	T J
	Ethyldimethylbenzene isomer-2	3.93	16	T J
	Unknown-2	4.01	29	T J
	Tetramethylbenzene isomer	4.13	88	T J
	C10H14 Aromatic	4.16	62	T J
	C10H12 Aromatic-1	4.30	38	T J
	C10H12 Aromatic-2	4.37	160	T J
	C11H16 Aromatic	4.69	19	T J
700-12-9	Benzene, pentamethyl-	5.22	16	T J N
	Unknown-3	5.65	26	T J
	C9H10 Aromatic	5.88	18	T J
	C10H10O Ketone	5.96	20	T J
480-63-7	Benzoic acid, 2,4,6-trimethyl-	6.02	27	T J N
	Unknown-4	6.07	16	T J
528-90-5	Benzoic acid, 2,4,5-trimethyl-	6.32	35	T J N
	Unknown-5	8.24	30	T J
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	9.33	20	T J N

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-04**

Lab Sample ID: 460-7904-4 Date Sampled: 11/12/2009 1200
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-23191		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5934.d
Dilution:	2.0			Initial Weight/Volume:	980 mL
Date Analyzed:	11/17/2009 1707			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	1.4	10
Phenol	10	U *	0.91	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2-Chlorophenol	10	U	2.7	10
2-Methylphenol	10	U	1.7	10
Acetophenone	10	U	4.4	10
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
2,4-Dimethylphenol	10	U	2.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
2,4-Dichlorophenol	10	U	2.8	10
Naphthalene	220		3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Caprolactam	10	U	0.51	10
4-Chloro-3-methylphenol	10	U	2.0	10
2-Methylnaphthalene	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.7	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.8	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.1	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
3-Nitroaniline	20	U	4.4	20
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U *	4.9	31
4-Nitrophenol	31	U	2.4	31
Dibenzofuran	10	U	3.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
Diethyl phthalate	10	U	3.9	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.1	20
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Hexachlorobenzene	1.0	U	0.28	1.0
Atrazine	10	U	4.9	10
Pentachlorophenol	31	U	5.2	31
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-04**

Lab Sample ID: 460-7904-4 Date Sampled: 11/12/2009 1200
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-23191		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5934.d
Dilution:	2.0			Initial Weight/Volume:	980 mL
Date Analyzed:	11/17/2009 1707			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Benzo[a]anthracene	1.0	U	0.28	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U *	2.8	10
Diphenyl	10	U	5.5	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	37		14 - 68
2-Fluorobiphenyl	87		61 - 112
Phenol-d5	21		9 - 48
Nitrobenzene-d5	86		61 - 120
2,4,6-Tribromophenol	93		50 - 119
Terphenyl-d14	80		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-04**

Lab Sample ID: 460-7904-4 Date Sampled: 11/12/2009 1200
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-23191		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5934.d
Dilution:	2.0			Initial Weight/Volume:	980 mL
Date Analyzed:	11/17/2009 1707			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Tentatively Identified Compounds **Number TIC's Found:** **23**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Methylethylbenzene isomer	2.52	22	T J
	Unknown-1	3.27	19	T J
496-11-7	Indane	3.50	240	T J N
	Diethylbenzene isomer-1	3.59	37	T J
	Diethylbenzene isomer-2	3.66	79	T J
	Ethyldimethylbenzene isomer-1	3.82	15	T J
	Ethyldimethylbenzene isomer-2	3.92	15	T J
	Unknown-2	4.00	24	T J
	Tetramethylbenzene isomer-1	4.13	84	T J
	Tetramethylbenzene isomer-2	4.16	57	T J
	C10H12 Aromatic-1	4.30	36	T J
	C10H12 Aromatic-2	4.37	140	T J
	C11H16 Aromatic	4.68	19	T J
700-12-9	Benzene, pentamethyl-	5.22	15	T J N
	C10H10O Ketone-1	5.65	26	T J
	C10H10O Ketone-2	5.88	18	T J
	C17H10O Ketone-3	5.96	20	T J
	Unknown-3	5.98	13	T J
480-63-7	Benzoic acid, 2,4,6-trimethyl-	6.01	26	T J N
	Unknown-4	6.07	18	T J
528-90-5	Benzoic acid, 2,4,5-trimethyl-	6.32	33	T J N
	Unknown-5	8.25	37	T J
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	9.33	21	T J N

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-05**

Lab Sample ID: 460-7904-5 Date Sampled: 11/12/2009 1310
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-22586		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5819.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	11/13/2009 2038			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	5.1	U *	0.68	5.1
Phenol	5.1	U *	0.45	5.1
Bis(2-chloroethyl)ether	0.51	U	0.21	0.51
2-Chlorophenol	5.1	U	1.3	5.1
2-Methylphenol	5.1	U	0.84	5.1
Acetophenone	5.1	U	2.2	5.1
N-Nitrosodi-n-propylamine	0.51	U	0.16	0.51
Hexachloroethane	0.51	U	0.25	0.51
Nitrobenzene	0.51	U	0.21	0.51
Isophorone	5.1	U	1.8	5.1
2-Nitrophenol	5.1	U	1.7	5.1
2,4-Dimethylphenol	5.1	U	1.3	5.1
Bis(2-chloroethoxy)methane	5.1	U	1.8	5.1
2,4-Dichlorophenol	5.1	U	1.4	5.1
Naphthalene	5.1	U	1.8	5.1
4-Chloroaniline	5.1	U	1.1	5.1
Hexachlorobutadiene	1.0	U	0.47	1.0
Caprolactam	5.1	U	0.25	5.1
4-Chloro-3-methylphenol	5.1	U	1.0	5.1
2-Methylnaphthalene	5.1	U	1.6	5.1
Hexachlorocyclopentadiene	5.1	U	2.3	5.1
2,4,6-Trichlorophenol	5.1	U	1.6	5.1
2,4,5-Trichlorophenol	5.1	U	1.3	5.1
2-Chloronaphthalene	5.1	U	1.9	5.1
2-Nitroaniline	10	U	2.9	10
Dimethyl phthalate	5.1	U	1.6	5.1
Acenaphthylene	5.1	U	2.0	5.1
2,6-Dinitrotoluene	1.0	U	0.30	1.0
3-Nitroaniline	10	U	2.2	10
Acenaphthene	5.1	U	1.9	5.1
2,4-Dinitrophenol	15	U *	2.4	15
4-Nitrophenol	15	U	1.2	15
Dibenzofuran	5.1	U	1.8	5.1
2,4-Dinitrotoluene	1.0	U	0.22	1.0
Diethyl phthalate	5.1	U	1.9	5.1
4-Chlorophenyl phenyl ether	5.1	U	2.0	5.1
Fluorene	5.1	U	1.6	5.1
4-Nitroaniline	10	U	2.0	10
4,6-Dinitro-2-methylphenol	15	U	2.6	15
N-Nitrosodiphenylamine	5.1	U	2.0	5.1
4-Bromophenyl phenyl ether	5.1	U	2.0	5.1
Hexachlorobenzene	0.51	U	0.14	0.51
Atrazine	5.1	U	2.4	5.1
Pentachlorophenol	15	U	2.6	15
Phenanthrene	5.1	U	1.8	5.1
Anthracene	5.1	U	1.8	5.1

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-05**

Lab Sample ID: 460-7904-5 Date Sampled: 11/12/2009 1310
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-22586		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5819.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	11/13/2009 2038			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	5.1	U	1.6	5.1
Di-n-butyl phthalate	5.1	U	1.4	5.1
Fluoranthene	5.1	U	1.3	5.1
Pyrene	5.1	U	2.2	5.1
Butyl benzyl phthalate	5.1	U	1.4	5.1
3,3'-Dichlorobenzidine	10	U	3.5	10
Benzo[a]anthracene	0.51	U	0.14	0.51
Chrysene	5.1	U	1.9	5.1
Bis(2-ethylhexyl) phthalate	5.1	U	1.2	5.1
Di-n-octyl phthalate	5.1	U	0.96	5.1
Benzo[b]fluoranthene	0.51	U	0.11	0.51
Benzo[k]fluoranthene	0.51	U	0.15	0.51
Benzo[a]pyrene	0.51	U	0.091	0.51
Indeno[1,2,3-cd]pyrene	0.51	U	0.061	0.51
Dibenz(a,h)anthracene	0.51	U	0.081	0.51
Benzo[g,h,i]perylene	5.1	U *	1.4	5.1
Diphenyl	5.1	U	2.7	5.1
4-Methylphenol	5.1	U	0.80	5.1
bis (2-chloroisopropyl) ether	5.1	U	1.6	5.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	35		14 - 68
2-Fluorobiphenyl	95		61 - 112
Phenol-d5	22		9 - 48
Nitrobenzene-d5	100		61 - 120
2,4,6-Tribromophenol	84		50 - 119
Terphenyl-d14	91		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-05**

Lab Sample ID: 460-7904-5 Date Sampled: 11/12/2009 1310
Client Matrix: Water Date Received: 11/12/2009 1900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 460-22586		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-22553		Lab File ID:	z5819.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	11/13/2009 2038			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **EB-017338-111209-ACH-01**

Lab Sample ID: 460-7904-1 Date Sampled: 11/12/2009 0930
Client Matrix: Water Date Received: 11/12/2009 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-22860		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-22715		Lab File ID:	22613V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	11/17/2009 0217			Final Weight/Volume:	100 mL
Date Prepared:	11/16/2009 0914				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	308	J	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	170	J	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	409	J	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-23225		Instrument ID:	LEEMAN3
Preparation:	7470A	Prep Batch: 460-23174		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	11/19/2009 1539			Final Weight/Volume:	30 mL
Date Prepared:	11/19/2009 1211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-02**

Lab Sample ID: 460-7904-2 Date Sampled: 11/12/2009 1040
Client Matrix: Water Date Received: 11/12/2009 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-22860		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-22715		Lab File ID:	22613V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	11/17/2009 0139			Final Weight/Volume:	100 mL
Date Prepared:	11/16/2009 0914				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	6460		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	283		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	53900		72.2	5000
Chromium	9.8	J	3.2	10.0
Cobalt	4.3	J	2.8	50.0
Copper	22.4	J	3.6	25.0
Iron	23100		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	26500		56.9	5000
Manganese	386		2.5	15.0
Nickel	5.7	J	3.5	40.0
Potassium	8960		209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.1	J	0.97	10.0
Sodium	146000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	10.1	J	2.0	50.0
Zinc	19.4	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-23225		Instrument ID:	LEEMAN3
Preparation:	7470A	Prep Batch: 460-23174		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	11/19/2009 1521			Final Weight/Volume:	30 mL
Date Prepared:	11/19/2009 1211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.36		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-03**

Lab Sample ID: 460-7904-3 Date Sampled: 11/12/2009 1150
Client Matrix: Water Date Received: 11/12/2009 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-22860		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-22715		Lab File ID:	22613V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	11/17/2009 0223			Final Weight/Volume:	100 mL
Date Prepared:	11/16/2009 0914				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	2530		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	3.9	J	3.8	5.0
Barium	613		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	60100		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	21.8	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	85100		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	40800		56.9	5000
Manganese	1980		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	4020	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	109000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	3.0	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-23225		Instrument ID:	LEEMAN3
Preparation:	7470A	Prep Batch: 460-23174		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	11/19/2009 1541			Final Weight/Volume:	30 mL
Date Prepared:	11/19/2009 1211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-04**

Lab Sample ID: 460-7904-4 Date Sampled: 11/12/2009 1200
Client Matrix: Water Date Received: 11/12/2009 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-22860		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-22715		Lab File ID:	22613V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	11/17/2009 0229			Final Weight/Volume:	100 mL
Date Prepared:	11/16/2009 0914				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	2410		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	4.4	J	3.8	5.0
Barium	618		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	60100		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	21.4	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	85100		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	40800		56.9	5000
Manganese	1980		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	4110	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	109000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	3.1	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-23225		Instrument ID:	LEEMAN3
Preparation:	7470A	Prep Batch: 460-23174		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	11/19/2009 1543			Final Weight/Volume:	30 mL
Date Prepared:	11/19/2009 1211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Client Sample ID: **GW-017338-111209-ACH-05**

Lab Sample ID: 460-7904-5 Date Sampled: 11/12/2009 1310
Client Matrix: Water Date Received: 11/12/2009 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-22860		Instrument ID:	ICP2
Preparation:	3010A	Prep Batch: 460-22715		Lab File ID:	22613V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	11/17/2009 0248			Final Weight/Volume:	100 mL
Date Prepared:	11/16/2009 0914				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	2250		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	198	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	40500		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	5240		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	11500		56.9	5000
Manganese	390		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	4640	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.3	J	0.97	10.0
Sodium	73800		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	4.9	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-23225		Instrument ID:	LEEMAN3
Preparation:	7470A	Prep Batch: 460-23174		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	11/19/2009 1545			Final Weight/Volume:	30 mL
Date Prepared:	11/19/2009 1211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-7904-1	EB-017338-111209-ACH-01	107	115	97
460-7904-2	GW-017338-111209-ACH-02	102	112	92
460-7904-3	GW-017338-111209-ACH-03	103	116	95
460-7904-4	GW-017338-111209-ACH-04	105	114	94
460-7904-5	GW-017338-111209-ACH-05	107	117	97
460-7904-6	TB-017338-111209-ACH-001	105	114	94
MB 460-23541/4		106	118	98
MB 460-23604/5		103	113	93
LCS 460-23541/3		99	114	94
LCS 460-23604/3		103	115	95
460-7904-2 MS	GW-017338-111209-ACH-02 MS	104	115	96
460-8015-C-3 MS		107	118	99
460-7904-2 MSD	GW-017338-111209-ACH-02 MSD	100	115	94
460-8015-C-3 MSD		102	115	93

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-7904-1	EB-017338-111209-ACH-01	38	24	97	89	80	101
460-7904-2	GW-017338-111209-ACH-02	37	24	95	87	81	94
460-7904-3	GW-017338-111209-ACH-03	40	24	88	88	100	81
460-7904-4	GW-017338-111209-ACH-04	37	21	86	87	93	80
460-7904-5	GW-017338-111209-ACH-05	35	22	100	95	84	91
LCS 460-22553/2-A		37	24	98	91	93	94
460-7904-2 MS	GW-017338-111209-ACH-02 MS	38	24	97	91	90	89
460-7904-2 MSD	GW-017338-111209-ACH-02 MSD	34	22	95	93	91	92

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	14-68
PHL = Phenol-d5	9-48
NBZ = Nitrobenzene-d5	61-120
FBP = 2-Fluorobiphenyl	61-112
TBP = 2,4,6-Tribromophenol	50-119
TPH = Terphenyl-d14	41-124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Method Blank - Batch: 460-23541

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-23541/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2009 0950
Date Prepared: 11/23/2009 0950

Analysis Batch: 460-23541
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p32309.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Method Blank - Batch: 460-23541

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-23541/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2009 0950
Date Prepared: 11/23/2009 0950

Analysis Batch: 460-23541
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p32309.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 122
Toluene-d8 (Surr)	118	69 - 125
Bromofluorobenzene	98	69 - 135

Method Blank TICs- Batch: 460-23541

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Control Sample - Batch: 460-23541

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-23541/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2009 0855
Date Prepared: 11/23/2009 0855

Analysis Batch: 460-23541
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p32307.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	14.7	74	46 - 145	
Chloromethane	20.0	16.3	81	58 - 146	
Bromomethane	20.0	15.0	75	55 - 153	
Vinyl chloride	20.0	18.7	94	61 - 144	
Chloroethane	20.0	18.3	92	69 - 145	
Trichlorofluoromethane	20.0	17.7	89	69 - 147	
Freon TF	20.0	16.4	82	47 - 139	
Methylene Chloride	20.0	18.1	90	79 - 119	
Acetone	20.0	15.0	75	45 - 156	
Carbon disulfide	20.0	19.1	96	58 - 139	
Methyl acetate	20.0	13.1	65	50 - 151	
1,1-Dichloroethene	20.0	21.0	105	56 - 139	
1,1-Dichloroethane	20.0	17.6	88	78 - 122	
cis-1,2-Dichloroethene	20.0	18.2	91	80 - 120	
trans-1,2-Dichloroethene	20.0	18.3	92	75 - 122	
MTBE	20.0	17.5	88	71 - 115	
Chloroform	20.0	18.1	91	82 - 123	
1,2-Dichloroethane	20.0	16.3	81	74 - 118	
2-Butanone	20.0	16.0	80	65 - 114	
1,1,1-Trichloroethane	20.0	18.4	92	74 - 128	
Cyclohexane	20.0	17.9	89	58 - 133	
Carbon tetrachloride	20.0	16.4	82	73 - 120	
Bromodichloromethane	20.0	17.8	89	79 - 119	
1,2-Dichloropropane	20.0	18.1	90	80 - 120	
cis-1,3-Dichloropropene	20.0	18.4	92	80 - 120	
Trichloroethene	20.0	17.2	86	78 - 119	
Methylcyclohexane	20.0	16.4	82	61 - 129	
Dibromochloromethane	20.0	18.4	92	80 - 120	
1,1,2-Trichloroethane	20.0	17.7	89	79 - 119	
Benzene	20.0	18.8	94	83 - 124	
trans-1,3-Dichloropropene	20.0	17.8	89	78 - 118	
Bromoform	20.0	18.9	94	73 - 123	
Isopropylbenzene	20.0	19.9	99	80 - 125	
4-Methyl-2-pentanone	20.0	14.4	72	53 - 120	
2-Hexanone	20.0	14.4	72	53 - 121	
Tetrachloroethene	20.0	19.8	99	68 - 139	
Toluene	20.0	18.5	93	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	17.3	86	74 - 126	
Chlorobenzene	20.0	18.0	90	81 - 121	
Ethylbenzene	20.0	17.7	88	79 - 126	
Xylenes, Total	60.0	54.3	91	76 - 121	
Styrene	20.0	17.8	89	69 - 112	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Control Sample - Batch: 460-23541

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-23541/3	Analysis Batch:	460-23541	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p32307.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 0855			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 0855				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	20.0	15.7	79	70 - 116	
1,3-Dichlorobenzene	20.0	18.0	90	81 - 126	
1,4-Dichlorobenzene	20.0	18.2	91	83 - 123	
1,2-Dichlorobenzene	20.0	18.1	91	82 - 122	
1,2,4-Trichlorobenzene	20.0	18.6	93	66 - 120	
1,2-Dibromoethane	20.0	17.1	85	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 122
Toluene-d8 (Surr)	114	69 - 125
Bromofluorobenzene	94	69 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-23541

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-7904-2	Analysis Batch:	460-23541	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p32313.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 1135			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 1135				

MSD Lab Sample ID:	460-7904-2	Analysis Batch:	460-23541	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p32314.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 1159			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 1159				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	79	77	46 - 145	1	30		
Chloromethane	87	84	58 - 146	2	30		
Bromomethane	83	84	55 - 153	1	30		
Vinyl chloride	102	99	61 - 144	2	30		
Chloroethane	99	98	69 - 145	1	30		
Trichlorofluoromethane	96	92	69 - 147	4	30		
Freon TF	87	84	47 - 139	4	30		
Methylene Chloride	96	93	79 - 119	4	30		
Acetone	80	76	45 - 156	5	30		
Carbon disulfide	103	101	58 - 139	2	30		
Methyl acetate	72	69	50 - 151	5	30		
1,1-Dichloroethene	112	113	56 - 139	0	30		
1,1-Dichloroethane	93	92	78 - 122	1	30		
cis-1,2-Dichloroethene	93	91	80 - 120	2	30		
trans-1,2-Dichloroethene	96	94	75 - 122	2	30		
MTBE	91	90	71 - 115	2	30		
Chloroform	97	93	82 - 123	4	30		
1,2-Dichloroethane	86	84	74 - 118	3	30		
2-Butanone	82	86	65 - 114	4	30		
1,1,1-Trichloroethane	100	97	74 - 128	2	30		
Cyclohexane	93	91	58 - 133	3	30		
Carbon tetrachloride	86	85	73 - 120	2	30		
Bromodichloromethane	94	91	79 - 119	3	30		
1,2-Dichloropropane	92	91	80 - 120	1	30		
cis-1,3-Dichloropropene	97	95	80 - 120	2	30		
Trichloroethene	91	88	78 - 119	3	30		
Methylcyclohexane	84	84	61 - 129	1	30		
Dibromochloromethane	97	96	80 - 120	2	30		
1,1,2-Trichloroethane	94	91	79 - 119	3	30		
Benzene	98	97	83 - 124	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-23541

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-7904-2	Analysis Batch:	460-23541	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p32313.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 1135			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 1135				

MSD Lab Sample ID:	460-7904-2	Analysis Batch:	460-23541	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p32314.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 1159			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 1159				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	93	91	78 - 118	2	30		
Bromoform	101	101	73 - 123	0	30		
Isopropylbenzene	106	104	80 - 125	1	30		
4-Methyl-2-pentanone	77	78	53 - 120	2	30		
2-Hexanone	80	80	53 - 121	0	30		
Tetrachloroethene	100	105	68 - 139	5	30		
Toluene	94	95	80 - 120	1	30		
1,1,2,2-Tetrachloroethane	90	90	74 - 126	1	30		
Chlorobenzene	94	92	81 - 121	2	30		
Ethylbenzene	94	94	79 - 126	0	30		
Xylenes, Total	96	94	76 - 121	2	30		
Styrene	93	92	69 - 112	0	30		
1,2-Dibromo-3-Chloropropane	83	82	70 - 116	2	30		
1,3-Dichlorobenzene	94	93	81 - 126	1	30		
1,4-Dichlorobenzene	93	92	83 - 123	1	30		
1,2-Dichlorobenzene	94	92	82 - 122	2	30		
1,2,4-Trichlorobenzene	95	95	66 - 120	1	30		
1,2-Dibromoethane	90	89	78 - 118	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	100	70 - 122
Toluene-d8 (Surr)	115	115	69 - 125
Bromofluorobenzene	96	94	69 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-23541

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-7904-2	Units: ug/L	MSD Lab Sample ID:	460-7904-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	11/23/2009 1135		Date Analyzed:	11/23/2009 1159	
Date Prepared:	11/23/2009 1135		Date Prepared:	11/23/2009 1159	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	1.0	U	20.0	20.0	15.7	15.5
Chloromethane	1.0	U	20.0	20.0	17.3	16.9
Bromomethane	1.0	U	20.0	20.0	16.7	16.8
Vinyl chloride	1.0	U	20.0	20.0	20.4	19.9
Chloroethane	1.0	U	20.0	20.0	19.9	19.6
Trichlorofluoromethane	1.0	U	20.0	20.0	19.1	18.4
Freon TF	1.0	U	20.0	20.0	17.4	16.8
Methylene Chloride	1.0	U	20.0	20.0	19.3	18.5
Acetone	10	U	20.0	20.0	16.0	15.1
Carbon disulfide	1.0	U	20.0	20.0	20.5	20.1
Methyl acetate	2.0	U	20.0	20.0	14.4	13.8
1,1-Dichloroethene	1.0	U	20.0	20.0	22.4	22.5
1,1-Dichloroethane	1.0	U	20.0	20.0	18.5	18.3
cis-1,2-Dichloroethene	1.0	U	20.0	20.0	18.6	18.2
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	19.2	18.7
MTBE	0.18	J	20.0	20.0	18.4	18.1
Chloroform	1.0	U	20.0	20.0	19.4	18.6
1,2-Dichloroethane	1.0	U	20.0	20.0	17.3	16.7
2-Butanone	10	U	20.0	20.0	16.5	17.1
1,1,1-Trichloroethane	1.0	U	20.0	20.0	19.9	19.5
Cyclohexane	1.0	U	20.0	20.0	18.7	18.1
Carbon tetrachloride	1.0	U	20.0	20.0	17.2	17.0
Bromodichloromethane	1.0	U	20.0	20.0	18.9	18.3
1,2-Dichloropropane	1.0	U	20.0	20.0	18.5	18.2
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	19.4	19.0
Trichloroethene	1.0	U	20.0	20.0	18.1	17.5
Methylcyclohexane	1.0	U	20.0	20.0	16.9	16.7
Dibromochloromethane	1.0	U	20.0	20.0	19.5	19.1
1,1,2-Trichloroethane	1.0	U	20.0	20.0	18.8	18.3
Benzene	1.0	U	20.0	20.0	19.7	19.5
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	18.6	18.3
Bromoform	1.0	U	20.0	20.0	20.3	20.2
Isopropylbenzene	1.0	U	20.0	20.0	21.2	20.9
4-Methyl-2-pentanone	10	U	20.0	20.0	15.3	15.7
2-Hexanone	10	U	20.0	20.0	16.0	16.1
Tetrachloroethene	0.53	J	20.0	20.0	20.5	21.5
Toluene	1.0	U	20.0	20.0	18.8	18.9
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	18.0	18.1
Chlorobenzene	1.0	U	20.0	20.0	18.8	18.4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-23541

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-7904-2	Units: ug/L	MSD Lab Sample ID:	460-7904-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	11/23/2009 1135		Date Analyzed:	11/23/2009 1159	
Date Prepared:	11/23/2009 1135		Date Prepared:	11/23/2009 1159	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Ethylbenzene	1.0	U	20.0	20.0	18.8	18.7
Xylenes, Total	3.0	U	60.0	60.0	57.7	56.5
Styrene	1.0	U	20.0	20.0	18.5	18.4
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	16.6	16.3
1,3-Dichlorobenzene	1.0	U	20.0	20.0	18.8	18.7
1,4-Dichlorobenzene	1.0	U	20.0	20.0	18.6	18.4
1,2-Dichlorobenzene	1.0	U	20.0	20.0	18.8	18.4
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	18.9	19.1
1,2-Dibromoethane	1.0	U	20.0	20.0	18.0	17.9

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-23604

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-23604/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2009 2210
Date Prepared: 11/23/2009 2210

Analysis Batch: 460-23604
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p32339.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Method Blank - Batch: 460-23604

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-23604/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2009 2210
Date Prepared: 11/23/2009 2210

Analysis Batch: 460-23604
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p32339.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 122
Toluene-d8 (Surr)	113	69 - 125
Bromofluorobenzene	93	69 - 135

Method Blank TICs- Batch: 460-23604

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Control Sample - Batch: 460-23604

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-23604/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2009 2058
Date Prepared: 11/23/2009 2058

Analysis Batch: 460-23604
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p32336.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	15.3	76	46 - 145	
Chloromethane	20.0	16.7	84	58 - 146	
Bromomethane	20.0	16.8	84	55 - 153	
Vinyl chloride	20.0	19.5	98	61 - 144	
Chloroethane	20.0	17.8	89	69 - 145	
Trichlorofluoromethane	20.0	18.3	91	69 - 147	
Freon TF	20.0	17.2	86	47 - 139	
Methylene Chloride	20.0	18.6	93	79 - 119	
Acetone	20.0	18.2	91	45 - 156	
Carbon disulfide	20.0	19.6	98	58 - 139	
Methyl acetate	20.0	14.7	73	50 - 151	
1,1-Dichloroethene	20.0	21.6	108	56 - 139	
1,1-Dichloroethane	20.0	17.9	90	78 - 122	
cis-1,2-Dichloroethene	20.0	18.2	91	80 - 120	
trans-1,2-Dichloroethene	20.0	19.0	95	75 - 122	
MTBE	20.0	18.2	91	71 - 115	
Chloroform	20.0	18.5	92	82 - 123	
1,2-Dichloroethane	20.0	16.9	84	74 - 118	
2-Butanone	20.0	18.8	94	65 - 114	
1,1,1-Trichloroethane	20.0	19.6	98	74 - 128	
Cyclohexane	20.0	18.1	91	58 - 133	
Carbon tetrachloride	20.0	17.0	85	73 - 120	
Bromodichloromethane	20.0	17.9	90	79 - 119	
1,2-Dichloropropane	20.0	18.4	92	80 - 120	
cis-1,3-Dichloropropene	20.0	18.4	92	80 - 120	
Trichloroethene	20.0	17.8	89	78 - 119	
Methylcyclohexane	20.0	17.2	86	61 - 129	
Dibromochloromethane	20.0	18.1	91	80 - 120	
1,1,2-Trichloroethane	20.0	17.4	87	79 - 119	
Benzene	20.0	18.8	94	83 - 124	
trans-1,3-Dichloropropene	20.0	18.1	90	78 - 118	
Bromoform	20.0	19.8	99	73 - 123	
Isopropylbenzene	20.0	20.5	102	80 - 125	
4-Methyl-2-pentanone	20.0	17.3	86	53 - 120	
2-Hexanone	20.0	18.0	90	53 - 121	
Tetrachloroethene	20.0	20.4	102	68 - 139	
Toluene	20.0	18.9	95	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	18.3	92	74 - 126	
Chlorobenzene	20.0	18.4	92	81 - 121	
Ethylbenzene	20.0	18.3	91	79 - 126	
Xylenes, Total	60.0	55.0	92	76 - 121	
Styrene	20.0	18.1	91	69 - 112	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Control Sample - Batch: 460-23604

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-23604/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2009 2058
Date Prepared: 11/23/2009 2058

Analysis Batch: 460-23604
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS13
Lab File ID: p32336.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	20.0	16.7	83	70 - 116	
1,3-Dichlorobenzene	20.0	18.3	92	81 - 126	
1,4-Dichlorobenzene	20.0	18.4	92	83 - 123	
1,2-Dichlorobenzene	20.0	18.1	91	82 - 122	
1,2,4-Trichlorobenzene	20.0	18.5	93	66 - 120	
1,2-Dibromoethane	20.0	17.3	87	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 122
Toluene-d8 (Surr)	115	69 - 125
Bromofluorobenzene	95	69 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-23604

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-8015-C-3 MS	Analysis Batch:	460-23604	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p32341.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 2306			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 2306				

MSD Lab Sample ID:	460-8015-C-3 MSD	Analysis Batch:	460-23604	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p32342.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	11/23/2009 2331			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2009 2331				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	79	78	46 - 145	1	30		
Chloromethane	89	91	58 - 146	2	30		
Bromomethane	85	88	55 - 153	4	30		
Vinyl chloride	101	102	61 - 144	1	30		
Chloroethane	87	85	69 - 145	2	30		
Trichlorofluoromethane	96	93	69 - 147	3	30		
Freon TF	86	84	47 - 139	2	30		
Methylene Chloride	94	93	79 - 119	2	30		
Acetone	107	103	45 - 156	4	30		
Carbon disulfide	98	99	58 - 139	1	30		
Methyl acetate	76	72	50 - 151	6	30		
1,1-Dichloroethene	107	109	56 - 139	2	30		
1,1-Dichloroethane	95	91	78 - 122	4	30		
cis-1,2-Dichloroethene	94	92	80 - 120	3	30		
trans-1,2-Dichloroethene	94	94	75 - 122	1	30		
MTBE	93	92	71 - 115	1	30		
Chloroform	94	93	82 - 123	1	30		
1,2-Dichloroethane	86	84	74 - 118	3	30		
2-Butanone	98	96	65 - 114	2	30		
1,1,1-Trichloroethane	99	98	74 - 128	1	30		
Cyclohexane	95	88	58 - 133	5	30		
Carbon tetrachloride	87	84	73 - 120	3	30		
Bromodichloromethane	89	88	79 - 119	2	30		
1,2-Dichloropropane	94	93	80 - 120	1	30		
cis-1,3-Dichloropropene	96	94	80 - 120	2	30		
Trichloroethene	90	90	78 - 119	0	30		
Methylcyclohexane	88	88	61 - 129	0	30		
Dibromochloromethane	95	94	80 - 120	1	30		
1,1,2-Trichloroethane	99	99	79 - 119	0	30		
Benzene	132	110	83 - 124	2	30	4	4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-23604

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-8015-C-3 MS	Analysis Batch: 460-23604	Instrument ID: VOAMS13
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p32341.d
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 2306		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 2306		

MSD Lab Sample ID:	460-8015-C-3 MSD	Analysis Batch: 460-23604	Instrument ID: VOAMS13
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p32342.d
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	11/23/2009 2331		Final Weight/Volume: 5 mL
Date Prepared:	11/23/2009 2331		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,3-Dichloropropene	91	91	78 - 118	0	30		
Bromoform	102	98	73 - 123	4	30		
Isopropylbenzene	107	106	80 - 125	0	30		
4-Methyl-2-pentanone	84	85	53 - 120	1	30		
2-Hexanone	88	89	53 - 121	0	30		
Tetrachloroethene	104	101	68 - 139	3	30		
Toluene	96	96	80 - 120	0	30		
1,1,2,2-Tetrachloroethane	95	92	74 - 126	2	30		
Chlorobenzene	94	92	81 - 121	2	30		
Ethylbenzene	92	93	79 - 126	2	30		
Xylenes, Total	94	96	76 - 121	1	30		
Styrene	93	92	69 - 112	1	30		
1,2-Dibromo-3-Chloropropane	86	83	70 - 116	4	30		
1,3-Dichlorobenzene	96	92	81 - 126	5	30		
1,4-Dichlorobenzene	95	93	83 - 123	2	30		
1,2-Dichlorobenzene	94	92	82 - 122	2	30		
1,2,4-Trichlorobenzene	95	96	66 - 120	1	30		
1,2-Dibromoethane	90	90	78 - 118	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	102	70 - 122
Toluene-d8 (Surr)	118	115	69 - 125
Bromofluorobenzene	99	93	69 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-23604

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-8015-C-3 MS	Units: ug/L	MSD Lab Sample ID:	460-8015-C-3 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Date Analyzed:	11/23/2009 2306		Date Analyzed:	11/23/2009 2331	
Date Prepared:	11/23/2009 2306		Date Prepared:	11/23/2009 2331	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	10	U	200	200	159		157	
Chloromethane	10	U	200	200	178		182	
Bromomethane	10	U	200	200	170		177	
Vinyl chloride	10	U	200	200	202		203	
Chloroethane	10	U	200	200	174		171	
Trichlorofluoromethane	10	U	200	200	191		186	
Freon TF	10	U	200	200	171		168	
Methylene Chloride	10	U	200	200	188		185	
Acetone	100	U	200	200	213		206	
Carbon disulfide	10	U	200	200	196		197	
Methyl acetate	20	U	200	200	151		143	
1,1-Dichloroethene	10	U	200	200	213		218	
1,1-Dichloroethane	10	U	200	200	189		182	
cis-1,2-Dichloroethene	10	U	200	200	189		183	
trans-1,2-Dichloroethene	10	U	200	200	189		187	
MTBE	5.4	J	200	200	192		190	
Chloroform	10	U	200	200	187		186	
1,2-Dichloroethane	10	U	200	200	173		168	
2-Butanone	100	U	200	200	197		192	
1,1,1-Trichloroethane	10	U	200	200	198		195	
Cyclohexane	110		200	200	295		281	
Carbon tetrachloride	10	U	200	200	174		168	
Bromodichloromethane	10	U	200	200	179		176	
1,2-Dichloropropane	10	U	200	200	187		185	
cis-1,3-Dichloropropene	10	U	200	200	191		188	
Trichloroethene	10	U	200	200	179		180	
Methylcyclohexane	55		200	200	231		230	
Dibromochloromethane	10	U	200	200	190		189	
1,1,2-Trichloroethane	10	U	200	200	199		199	
Benzene	2500		200	200	2780	4	2730	4
trans-1,3-Dichloropropene	10	U	200	200	183		182	
Bromoform	10	U	200	200	204		197	
Isopropylbenzene	29		200	200	242		241	
4-Methyl-2-pentanone	100	U	200	200	169		170	
2-Hexanone	100	U	200	200	177		177	
Tetrachloroethene	10	U	200	200	208		202	
Toluene	33		200	200	224		225	
1,1,2,2-Tetrachloroethane	10	U	200	200	189		185	
Chlorobenzene	10	U	200	200	189		185	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-23604

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-8015-C-3 MS	Units: ug/L	MSD Lab Sample ID:	460-8015-C-3 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Date Analyzed:	11/23/2009 2306		Date Analyzed:	11/23/2009 2331	
Date Prepared:	11/23/2009 2306		Date Prepared:	11/23/2009 2331	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Ethylbenzene	9.9	J	200	200	193	196
Xylenes, Total	37		600	600	603	611
Styrene	10	U	200	200	185	184
1,2-Dibromo-3-Chloropropane	10	U	200	200	172	166
1,3-Dichlorobenzene	10	U	200	200	192	183
1,4-Dichlorobenzene	10	U	200	200	189	185
1,2-Dichlorobenzene	10	U	200	200	189	184
1,2,4-Trichlorobenzene	10	U	200	200	190	191
1,2-Dibromoethane	10	U	200	200	180	181

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Control Sample - Batch: 460-22553

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 460-22553/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2009 1747
Date Prepared: 11/13/2009 0850

Analysis Batch: 460-22586
Prep Batch: 460-22553
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z5812.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	50.0	96.0	192	80 - 154	*
Phenol	50.0	11.8	24	31 - 128	*
Bis(2-chloroethyl)ether	50.0	43.9	88	76 - 132	
2-Chlorophenol	50.0	37.6	75	57 - 96	
2-Methylphenol	50.0	30.6	61	44 - 87	
Acetophenone	50.0	48.3	97	81 - 158	
N-Nitrosodi-n-propylamine	50.0	50.2	100	76 - 117	
Hexachloroethane	50.0	37.9	76	58 - 103	
Nitrobenzene	50.0	43.7	87	66 - 118	
Isophorone	50.0	45.8	92	73 - 108	
2-Nitrophenol	50.0	42.7	85	66 - 110	
2,4-Dimethylphenol	50.0	41.3	83	58 - 98	
Bis(2-chloroethoxy)methane	50.0	47.3	95	74 - 116	
2,4-Dichlorophenol	50.0	42.3	85	66 - 108	
Naphthalene	50.0	41.9	84	64 - 110	
4-Chloroaniline	50.0	35.1	70	63 - 105	
Hexachlorobutadiene	50.0	39.3	79	61 - 117	
Caprolactam	50.0	5.03	10	10 - 44	
4-Chloro-3-methylphenol	50.0	38.8	78	62 - 105	
2-Methylnaphthalene	50.0	42.6	85	71 - 122	
Hexachlorocyclopentadiene	50.0	39.1	78	42 - 110	
2,4,6-Trichlorophenol	50.0	45.7	91	70 - 112	
2,4,5-Trichlorophenol	50.0	46.2	92	67 - 109	
2-Chloronaphthalene	50.0	44.7	89	65 - 109	
2-Nitroaniline	50.0	46.2	92	64 - 114	
Dimethyl phthalate	50.0	50.1	100	70 - 131	
Acenaphthylene	50.0	46.2	92	60 - 119	
2,6-Dinitrotoluene	50.0	48.7	97	67 - 120	
3-Nitroaniline	50.0	38.3	77	62 - 111	
Acenaphthene	50.0	46.1	92	67 - 114	
2,4-Dinitrophenol	50.0	14.7	29	34 - 120	J *
4-Nitrophenol	50.0	12.1	24	10 - 50	J
Dibenzofuran	50.0	46.1	92	71 - 115	
2,4-Dinitrotoluene	50.0	44.8	90	71 - 119	
Diethyl phthalate	50.0	46.7	93	66 - 116	
4-Chlorophenyl phenyl ether	50.0	47.5	95	70 - 115	
Fluorene	50.0	46.3	93	72 - 130	
4-Nitroaniline	50.0	39.7	79	61 - 110	
4,6-Dinitro-2-methylphenol	50.0	39.1	78	64 - 115	
N-Nitrosodiphenylamine	50.0	53.7	107	69 - 114	
4-Bromophenyl phenyl ether	50.0	51.5	103	71 - 118	
Hexachlorobenzene	50.0	50.6	101	73 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Control Sample - Batch: 460-22553

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 460-22553/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2009 1747
Date Prepared: 11/13/2009 0850

Analysis Batch: 460-22586
Prep Batch: 460-22553
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z5812.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	50.0	43.0	86	47 - 129	
Pentachlorophenol	50.0	36.7	73	67 - 125	
Phenanthrene	50.0	48.9	98	65 - 114	
Anthracene	50.0	48.4	97	65 - 113	
Carbazole	50.0	45.5	91	64 - 110	
Di-n-butyl phthalate	50.0	47.8	96	53 - 120	
Fluoranthene	50.0	43.9	88	67 - 115	
Pyrene	50.0	48.9	98	64 - 127	
Butyl benzyl phthalate	50.0	47.9	96	56 - 126	
3,3'-Dichlorobenzidine	50.0	52.7	105	64 - 132	
Benzo[a]anthracene	50.0	46.5	93	65 - 125	
Chrysene	50.0	48.9	98	66 - 130	
Bis(2-ethylhexyl) phthalate	50.0	46.6	93	30 - 134	
Di-n-octyl phthalate	50.0	42.7	85	39 - 117	
Benzo[b]fluoranthene	50.0	52.1	104	60 - 112	
Benzo[k]fluoranthene	50.0	48.4	97	46 - 119	
Benzo[a]pyrene	50.0	40.4	81	47 - 98	
Indeno[1,2,3-cd]pyrene	50.0	49.8	100	54 - 117	
Dibenz(a,h)anthracene	50.0	49.6	99	51 - 112	
Benzo[g,h,i]perylene	50.0	59.9	120	46 - 113	*
Diphenyl	50.0	46.8	94	63 - 123	
bis (2-chloroisopropyl) ether	50.0	52.6	105	71 - 123	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	37	14 - 68
2-Fluorobiphenyl	91	61 - 112
Phenol-d5	24	9 - 48
Nitrobenzene-d5	98	61 - 120
2,4,6-Tribromophenol	93	50 - 119
Terphenyl-d14	94	41 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-22553

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-7904-2	Analysis Batch:	460-22586	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-22553	Lab File ID:	z5814.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	11/13/2009 1836			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

MSD Lab Sample ID:	460-7904-2	Analysis Batch:	460-22586	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-22553	Lab File ID:	z5815.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	11/13/2009 1900			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	176	178	80 - 154	1	30	F	F
Phenol	24	23	31 - 128	2	30	F	F
Bis(2-chloroethyl)ether	87	87	76 - 132	1	30		
2-Chlorophenol	76	72	57 - 96	6	30		
2-Methylphenol	60	58	44 - 87	2	30		
Acetophenone	94	95	81 - 158	1	30		
N-Nitrosodi-n-propylamine	97	99	76 - 117	2	30		
Hexachloroethane	76	76	58 - 103	1	30		
Nitrobenzene	91	89	66 - 118	3	30		
Isophorone	90	92	73 - 108	2	30		
2-Nitrophenol	87	83	66 - 110	4	30		
2,4-Dimethylphenol	81	80	58 - 98	2	30		
Bis(2-chloroethoxy)methane	93	93	74 - 116	0	30		
2,4-Dichlorophenol	87	84	66 - 108	3	30		
Naphthalene	83	83	64 - 110	1	30		
4-Chloroaniline	83	85	63 - 105	2	30		
Hexachlorobutadiene	79	77	61 - 117	2	30		
Caprolactam	12	9	10 - 44	24	30		J F
4-Chloro-3-methylphenol	74	75	62 - 105	1	30		
2-Methylnaphthalene	84	86	71 - 122	2	30		
Hexachlorocyclopentadiene	85	84	42 - 110	0	30		
2,4,6-Trichlorophenol	91	92	70 - 112	1	30		
2,4,5-Trichlorophenol	92	91	67 - 109	0	30		
2-Chloronaphthalene	93	94	65 - 109	1	30		
2-Nitroaniline	92	95	64 - 114	3	30		
Dimethyl phthalate	97	100	70 - 131	3	30		
Acenaphthylene	93	94	60 - 119	2	30		
2,6-Dinitrotoluene	95	97	67 - 120	2	30		
3-Nitroaniline	82	84	62 - 111	2	30		
Acenaphthene	94	95	67 - 114	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-22553

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-7904-2	Analysis Batch:	460-22586	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-22553	Lab File ID:	z5814.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	11/13/2009 1836			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

MSD Lab Sample ID:	460-7904-2	Analysis Batch:	460-22586	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-22553	Lab File ID:	z5815.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	11/13/2009 1900			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,4-Dinitrophenol	43	36	34 - 120	18	30		
4-Nitrophenol	26	22	10 - 50	17	30	J	J
Dibenzofuran	92	95	71 - 115	3	30		
2,4-Dinitrotoluene	91	91	71 - 119	0	30		
Diethyl phthalate	92	93	66 - 116	1	30		
4-Chlorophenyl phenyl ether	95	97	70 - 115	2	30		
Fluorene	92	94	72 - 130	3	30		
4-Nitroaniline	81	83	61 - 110	2	30		
4,6-Dinitro-2-methylphenol	85	79	64 - 115	7	30		
N-Nitrosodiphenylamine	106	105	69 - 114	1	30		
4-Bromophenyl phenyl ether	103	104	71 - 118	2	30		
Hexachlorobenzene	103	102	73 - 120	1	30		
Atrazine	89	86	47 - 129	2	30		
Pentachlorophenol	79	75	67 - 125	6	30		
Phenanthrene	99	98	65 - 114	2	30		
Anthracene	99	99	65 - 113	0	30		
Carbazole	94	92	64 - 110	2	30		
Di-n-butyl phthalate	100	97	53 - 120	3	30		
Fluoranthene	99	91	67 - 115	9	30		
Pyrene	94	97	64 - 127	4	30		
Butyl benzyl phthalate	96	99	56 - 126	3	30		
3,3'-Dichlorobenzidine	101	106	64 - 132	5	30		
Benzo[a]anthracene	93	94	65 - 125	1	30		
Chrysene	101	103	66 - 130	2	30		
Bis(2-ethylhexyl) phthalate	94	97	30 - 134	3	30		
Di-n-octyl phthalate	89	91	39 - 117	2	30		
Benzo[b]fluoranthene	106	102	60 - 112	4	30		
Benzo[k]fluoranthene	101	101	46 - 119	0	30		
Benzo[a]pyrene	82	86	47 - 98	5	30		
Indeno[1,2,3-cd]pyrene	99	107	54 - 117	8	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-22553

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-7904-2	Analysis Batch:	460-22586	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-22553	Lab File ID:	z5814.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	11/13/2009 1836			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

MSD Lab Sample ID:	460-7904-2	Analysis Batch:	460-22586	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-22553	Lab File ID:	z5815.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	11/13/2009 1900			Final Weight/Volume:	1 mL
Date Prepared:	11/13/2009 0850			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dibenz(a,h)anthracene	97	101	51 - 112	4	30		
Benzo[g,h,i]perylene	113	125	46 - 113	10	30		F
Diphenyl	96	97	63 - 123	0	30		
bis (2-chloroisopropyl) ether	104	104	71 - 123	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	38	34	14 - 68
2-Fluorobiphenyl	91	93	61 - 112
Phenol-d5	24	22	9 - 48
Nitrobenzene-d5	97	95	61 - 120
2,4,6-Tribromophenol	90	91	50 - 119
Terphenyl-d14	89	92	41 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-22553

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-7904-2	Units: ug/L	MSD Lab Sample ID:	460-7904-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	11/13/2009 1836		Date Analyzed:	11/13/2009 1900	
Date Prepared:	11/13/2009 0850		Date Prepared:	11/13/2009 0850	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzaldehyde	5.6	U	55.6	55.6	97.9	F	98.8	F
Phenol	5.6	U	55.6	55.6	13.3	F	13.0	F
Bis(2-chloroethyl)ether	0.56	U	55.6	55.6	48.6		48.1	
2-Chlorophenol	5.6	U	55.6	55.6	42.4		39.8	
2-Methylphenol	5.6	U	55.6	55.6	33.1		32.4	
Acetophenone	5.6	U	55.6	55.6	52.5		52.9	
N-Nitrosodi-n-propylamine	0.56	U	55.6	55.6	54.0		55.1	
Hexachloroethane	0.56	U	55.6	55.6	42.4		41.9	
Nitrobenzene	0.56	U	55.6	55.6	50.8		49.3	
Isophorone	5.6	U	55.6	55.6	49.9		50.9	
2-Nitrophenol	5.6	U	55.6	55.6	48.2		46.1	
2,4-Dimethylphenol	5.6	U	55.6	55.6	45.1		44.4	
Bis(2-chloroethoxy)methane	5.6	U	55.6	55.6	51.9		51.9	
2,4-Dichlorophenol	5.6	U	55.6	55.6	48.3		46.9	
Naphthalene	5.6	U	55.6	55.6	46.3		45.9	
4-Chloroaniline	5.6	U	55.6	55.6	46.1		47.0	
Hexachlorobutadiene	1.1	U	55.6	55.6	44.0		43.0	
Caprolactam	5.6	U	55.6	55.6	6.49		5.08	J F
4-Chloro-3-methylphenol	5.6	U	55.6	55.6	41.1		41.7	
2-Methylnaphthalene	5.6	U	55.6	55.6	46.7		47.6	
Hexachlorocyclopentadiene	5.6	U	55.6	55.6	47.0		46.9	
2,4,6-Trichlorophenol	5.6	U	55.6	55.6	50.8		51.3	
2,4,5-Trichlorophenol	5.6	U	55.6	55.6	50.9		50.7	
2-Chloronaphthalene	5.6	U	55.6	55.6	51.6		52.2	
2-Nitroaniline	11	U	55.6	55.6	51.2		52.9	
Dimethyl phthalate	5.6	U	55.6	55.6	54.1		55.8	
Acenaphthylene	5.6	U	55.6	55.6	51.5		52.5	
2,6-Dinitrotoluene	1.1	U	55.6	55.6	52.7		53.7	
3-Nitroaniline	11	U	55.6	55.6	45.4		46.4	
Acenaphthene	5.6	U	55.6	55.6	51.9		53.0	
2,4-Dinitrophenol	17	U	55.6	55.6	23.7		19.8	
4-Nitrophenol	17	U	55.6	55.6	14.7	J	12.3	J
Dibenzofuran	5.6	U	55.6	55.6	51.2		52.5	
2,4-Dinitrotoluene	1.1	U	55.6	55.6	50.4		50.4	
Diethyl phthalate	5.6	U	55.6	55.6	51.2		51.8	
4-Chlorophenyl phenyl ether	5.6	U	55.6	55.6	52.8		54.1	
Fluorene	5.6	U	55.6	55.6	51.1		52.5	
4-Nitroaniline	11	U	55.6	55.6	44.9		45.8	
4,6-Dinitro-2-methylphenol	17	U	55.6	55.6	47.0		43.7	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-22553

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-7904-2	Units: ug/L	MSD Lab Sample ID:	460-7904-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	11/13/2009 1836		Date Analyzed:	11/13/2009 1900	
Date Prepared:	11/13/2009 0850		Date Prepared:	11/13/2009 0850	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
N-Nitrosodiphenylamine	5.6	U	55.6	55.6	59.1	58.6	
4-Bromophenyl phenyl ether	5.6	U	55.6	55.6	57.0	57.9	
Hexachlorobenzene	0.56	U	55.6	55.6	57.0	56.4	
Atrazine	5.6	U	55.6	55.6	49.2	48.0	
Pentachlorophenol	17	U	55.6	55.6	44.1	41.5	
Phenanthrene	5.6	U	55.6	55.6	55.2	54.4	
Anthracene	5.6	U	55.6	55.6	54.9	54.8	
Carbazole	5.6	U	55.6	55.6	52.3	51.1	
Di-n-butyl phthalate	5.6	U	55.6	55.6	55.5	53.9	
Fluoranthene	5.6	U	55.6	55.6	54.9	50.4	
Pyrene	5.6	U	55.6	55.6	52.1	54.1	
Butyl benzyl phthalate	5.6	U	55.6	55.6	53.5	55.0	
3,3'-Dichlorobenzidine	11	U	55.6	55.6	56.4	59.1	
Benzo[a]anthracene	0.56	U	55.6	55.6	51.9	52.3	
Chrysene	5.6	U	55.6	55.6	56.0	57.4	
Bis(2-ethylhexyl) phthalate	5.6	U	55.6	55.6	52.3	53.7	
Di-n-octyl phthalate	5.6	U	55.6	55.6	49.7	50.7	
Benzo[b]fluoranthene	0.56	U	55.6	55.6	58.7	56.5	
Benzo[k]fluoranthene	0.56	U	55.6	55.6	55.9	56.1	
Benzo[a]pyrene	0.56	U	55.6	55.6	45.7	48.0	
Indeno[1,2,3-cd]pyrene	0.56	U	55.6	55.6	54.8	59.2	
Dibenz(a,h)anthracene	0.56	U	55.6	55.6	53.8	56.2	
Benzo[g,h,i]perylene	5.6	U	55.6	55.6	62.9	69.7	F
Diphenyl	5.6	U	55.6	55.6	53.6	53.8	
bis (2-chloroisopropyl) ether	5.6	U	55.6	55.6	57.9	57.5	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-7904-1

Method Blank - Batch: 460-22715

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 460-22715/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2009 0043
Date Prepared: 11/16/2009 0914

Analysis Batch: 460-22860
Prep Batch: 460-22715
Units: ug/L

Instrument ID: Trace2
Lab File ID: 22613V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Control Sample - Batch: 460-22715

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 460-22715/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2009 0049
Date Prepared: 11/16/2009 0914

Analysis Batch: 460-22860
Prep Batch: 460-22715
Units: ug/L

Instrument ID: Trace2
Lab File ID: 22613V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2130	106	80 - 120	
Antimony	500	526	105	80 - 120	
Arsenic	2000	2110	105	80 - 120	
Barium	2000	2150	107	80 - 120	
Beryllium	50.0	53.1	106	80 - 120	
Cadmium	50.0	53.5	107	80 - 120	
Calcium	20000	21700	109	80 - 120	
Chromium	200	215	108	80 - 120	
Cobalt	500	531	106	80 - 120	
Copper	250	261	104	80 - 120	
Iron	1000	1080	108	80 - 120	
Lead	500	533	107	80 - 120	
Magnesium	20000	20630	103	80 - 120	
Manganese	500	539	108	80 - 120	
Nickel	500	533	107	80 - 120	
Potassium	20000	20470	102	80 - 120	
Selenium	2000	2090	104	80 - 120	
Silver	50.0	50.9	102	80 - 120	
Sodium	20000	21670	108	80 - 120	
Thallium	2000	2100	105	80 - 120	
Vanadium	500	534	107	80 - 120	
Zinc	500	563	113	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-7904-1

Matrix Spike - Batch: 460-22715

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-7904-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2009 0152
Date Prepared: 11/16/2009 0914

Analysis Batch: 460-22860
Prep Batch: 460-22715
Units: ug/L

Instrument ID: Trace2
Lab File ID: 22613V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	6460		2000	11660	260	75 - 125	F
Antimony	10.0	U	500	501	100	75 - 125	
Arsenic	5.0	U	2000	2020	101	75 - 125	
Barium	283		2000	2360	104	75 - 125	
Beryllium	2.0	U	50.0	51.0	102	75 - 125	
Cadmium	5.0	U	50.0	50.4	101	75 - 125	
Calcium	53900		20000	75500	108	75 - 125	
Chromium	9.8	J	200	215	103	75 - 125	
Cobalt	4.3	J	500	511	101	75 - 125	
Copper	22.4	J	250	278	102	75 - 125	
Iron	23100		1000	24590	147	75 - 125	4
Lead	5.0	U	500	507	101	75 - 125	
Magnesium	26500		20000	47450	105	75 - 125	
Manganese	386		500	910	105	75 - 125	
Nickel	5.7	J	500	514	102	75 - 125	
Potassium	8960		20000	29690	104	75 - 125	
Selenium	10.0	U	2000	2000	100	75 - 125	
Silver	1.1	J	50.0	49.8	98	75 - 125	
Sodium	146000		20000	170200	118	75 - 125	4
Thallium	10.0	U	2000	2000	100	75 - 125	
Vanadium	10.1	J	500	519	102	75 - 125	
Zinc	19.4	J	500	549	106	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Duplicate - Batch: 460-22715

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-7904-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2009 0133
Date Prepared: 11/16/2009 0914

Analysis Batch: 460-22860
Prep Batch: 460-22715
Units: ug/L

Instrument ID: Trace2
Lab File ID: 22613V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	6460		6940	7	20	
Antimony	10.0	U	10.0	NC	20	U
Arsenic	5.0	U	4.98	NC	20	J
Barium	283		293	3	20	
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	53900		55900	4	20	
Chromium	9.8	J	10.6	8	20	
Cobalt	4.3	J	5.15	18	20	J
Copper	22.4	J	21.1	6	20	J
Iron	23100		23920	3	20	
Lead	5.0	U	5.0	NC	20	U
Magnesium	26500		27170	2	20	
Manganese	386		396	3	20	
Nickel	5.7	J	7.15	22	20	J
Potassium	8960		9210	3	20	
Selenium	10.0	U	10.0	NC	20	U
Silver	1.1	J	1.09	4	20	J
Sodium	146000		148600	1	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	10.1	J	10.7	5	20	J
Zinc	19.4	J	21.8	12	20	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Method Blank - Batch: 460-23174

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 460-23174/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/19/2009 1516
Date Prepared: 11/19/2009 1211

Analysis Batch: 460-23225
Prep Batch: 460-23174
Units: ug/L

Instrument ID: Leeman3
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.18	0.20

Lab Control Sample - Batch: 460-23174

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 460-23174/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/19/2009 1518
Date Prepared: 11/19/2009 1211

Analysis Batch: 460-23225
Prep Batch: 460-23174
Units: ug/L

Instrument ID: Leeman3
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.04	104	80 - 120	

Matrix Spike - Batch: 460-23174

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-7904-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/19/2009 1524
Date Prepared: 11/19/2009 1211

Analysis Batch: 460-23225
Prep Batch: 460-23174
Units: ug/L

Instrument ID: Leeman3
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.36	1.00	1.61	125	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Duplicate - Batch: 460-23174

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-7904-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/19/2009 1523
Date Prepared: 11/19/2009 1211

Analysis Batch: 460-23225
Prep Batch: 460-23174
Units: ug/L

Instrument ID: Leeman3
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.36	0.362	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-23541					
LCS 460-23541/3	Lab Control Sample	T	Water	8260B	
MB 460-23541/4	Method Blank	T	Water	8260B	
460-7904-1	EB-017338-111209-ACH-01	T	Water	8260B	
460-7904-2	GW-017338-111209-ACH-02	T	Water	8260B	
460-7904-2MS	Matrix Spike	T	Water	8260B	
460-7904-2MSD	Matrix Spike Duplicate	T	Water	8260B	
460-7904-3	GW-017338-111209-ACH-03	T	Water	8260B	
460-7904-4	GW-017338-111209-ACH-04	T	Water	8260B	
Analysis Batch:460-23604					
LCS 460-23604/3	Lab Control Sample	T	Water	8260B	
MB 460-23604/5	Method Blank	T	Water	8260B	
460-7904-5	GW-017338-111209-ACH-05	T	Water	8260B	
460-7904-6TB	TB-017338-111209-ACH-001	T	Water	8260B	
460-8015-C-3 MS	Matrix Spike	T	Water	8260B	
460-8015-C-3 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-22553					
LCS 460-22553/2-A	Lab Control Sample	T	Water	3510C	
460-7904-1	EB-017338-111209-ACH-01	T	Water	3510C	
460-7904-2	GW-017338-111209-ACH-02	T	Water	3510C	
460-7904-2MS	Matrix Spike	T	Water	3510C	
460-7904-2MSD	Matrix Spike Duplicate	T	Water	3510C	
460-7904-3	GW-017338-111209-ACH-03	T	Water	3510C	
460-7904-4	GW-017338-111209-ACH-04	T	Water	3510C	
460-7904-5	GW-017338-111209-ACH-05	T	Water	3510C	
Analysis Batch:460-22586					
LCS 460-22553/2-A	Lab Control Sample	T	Water	8270C	460-22553
460-7904-1	EB-017338-111209-ACH-01	T	Water	8270C	460-22553
460-7904-2	GW-017338-111209-ACH-02	T	Water	8270C	460-22553
460-7904-2MS	Matrix Spike	T	Water	8270C	460-22553
460-7904-2MSD	Matrix Spike Duplicate	T	Water	8270C	460-22553
460-7904-5	GW-017338-111209-ACH-05	T	Water	8270C	460-22553
Analysis Batch:460-23191					
460-7904-3	GW-017338-111209-ACH-03	T	Water	8270C	460-22553
460-7904-4	GW-017338-111209-ACH-04	T	Water	8270C	460-22553

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-22715					
LCS 460-22715/2-A	Lab Control Sample	T	Water	3010A	
MB 460-22715/1-A	Method Blank	T	Water	3010A	
460-7904-1	EB-017338-111209-ACH-01	T	Water	3010A	
460-7904-2	GW-017338-111209-ACH-02	T	Water	3010A	
460-7904-2DU	Duplicate	T	Water	3010A	
460-7904-2MS	Matrix Spike	T	Water	3010A	
460-7904-3	GW-017338-111209-ACH-03	T	Water	3010A	
460-7904-4	GW-017338-111209-ACH-04	T	Water	3010A	
460-7904-5	GW-017338-111209-ACH-05	T	Water	3010A	
Analysis Batch:460-22860					
LCS 460-22715/2-A	Lab Control Sample	T	Water	6010B	460-22715
MB 460-22715/1-A	Method Blank	T	Water	6010B	460-22715
460-7904-1	EB-017338-111209-ACH-01	T	Water	6010B	460-22715
460-7904-2	GW-017338-111209-ACH-02	T	Water	6010B	460-22715
460-7904-2DU	Duplicate	T	Water	6010B	460-22715
460-7904-2MS	Matrix Spike	T	Water	6010B	460-22715
460-7904-3	GW-017338-111209-ACH-03	T	Water	6010B	460-22715
460-7904-4	GW-017338-111209-ACH-04	T	Water	6010B	460-22715
460-7904-5	GW-017338-111209-ACH-05	T	Water	6010B	460-22715
Prep Batch: 460-23174					
LCS 460-23174/2-A	Lab Control Sample	T	Water	7470A	
MB 460-23174/1-A	Method Blank	T	Water	7470A	
460-7904-1	EB-017338-111209-ACH-01	T	Water	7470A	
460-7904-2	GW-017338-111209-ACH-02	T	Water	7470A	
460-7904-2DU	Duplicate	T	Water	7470A	
460-7904-2MS	Matrix Spike	T	Water	7470A	
460-7904-3	GW-017338-111209-ACH-03	T	Water	7470A	
460-7904-4	GW-017338-111209-ACH-04	T	Water	7470A	
460-7904-5	GW-017338-111209-ACH-05	T	Water	7470A	
Analysis Batch:460-23225					
LCS 460-23174/2-A	Lab Control Sample	T	Water	7470A	460-23174
MB 460-23174/1-A	Method Blank	T	Water	7470A	460-23174
460-7904-1	EB-017338-111209-ACH-01	T	Water	7470A	460-23174
460-7904-2	GW-017338-111209-ACH-02	T	Water	7470A	460-23174
460-7904-2DU	Duplicate	T	Water	7470A	460-23174
460-7904-2MS	Matrix Spike	T	Water	7470A	460-23174
460-7904-3	GW-017338-111209-ACH-03	T	Water	7470A	460-23174
460-7904-4	GW-017338-111209-ACH-04	T	Water	7470A	460-23174
460-7904-5	GW-017338-111209-ACH-05	T	Water	7470A	460-23174

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Laboratory Chronicle

Lab ID: 460-7904-1 **Client ID: EB-017338-111209-ACH-01**

Sample Date/Time: 11/12/2009 09:30 Received Date/Time: 11/12/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-7904-F-1		460-23541		11/23/2009 14:24	1	TAL EDI	SD
A:8260B	460-7904-F-1		460-23541		11/23/2009 14:24	1	TAL EDI	SD
P:3510C	460-7904-B-1-A		460-22586	460-22553	11/13/2009 08:50	1	TAL EDI	MC
A:8270C	460-7904-B-1-A		460-22586	460-22553	11/13/2009 19:25	1	TAL EDI	AS
P:3010A	460-7904-C-1-A		460-22860	460-22715	11/16/2009 09:14	1	TAL EDI	SS
A:6010B	460-7904-C-1-A		460-22860	460-22715	11/17/2009 02:17	1	TAL EDI	MPP
P:7470A	460-7904-C-1-C		460-23225	460-23174	11/19/2009 12:11	1	TAL EDI	RBS
A:7470A	460-7904-C-1-C		460-23225	460-23174	11/19/2009 15:39	1	TAL EDI	RBS

Lab ID: 460-7904-2 **Client ID: GW-017338-111209-ACH-02**

Sample Date/Time: 11/12/2009 10:40 Received Date/Time: 11/12/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-7904-F-2		460-23541		11/23/2009 11:11	1	TAL EDI	SD
A:8260B	460-7904-F-2		460-23541		11/23/2009 11:11	1	TAL EDI	SD
P:3510C	460-7904-B-2-A		460-22586	460-22553	11/13/2009 08:50	1	TAL EDI	MC
A:8270C	460-7904-B-2-A		460-22586	460-22553	11/13/2009 18:12	1	TAL EDI	AS
P:3010A	460-7904-C-2-A		460-22860	460-22715	11/16/2009 09:14	1	TAL EDI	SS
A:6010B	460-7904-C-2-A		460-22860	460-22715	11/17/2009 01:39	1	TAL EDI	MPP
P:7470A	460-7904-C-2-E		460-23225	460-23174	11/19/2009 12:11	1	TAL EDI	RBS
A:7470A	460-7904-C-2-E		460-23225	460-23174	11/19/2009 15:21	1	TAL EDI	RBS

Lab ID: 460-7904-2 **Client ID: GW-017338-111209-ACH-02**

Sample Date/Time: 11/12/2009 10:40 Received Date/Time: 11/12/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-7904-E-2 MS		460-23541		11/23/2009 11:35	1	TAL EDI	SD
A:8260B	460-7904-E-2 MS		460-23541		11/23/2009 11:35	1	TAL EDI	SD
P:3510C	460-7904-A-2-A MS		460-22586	460-22553	11/13/2009 08:50	1	TAL EDI	MC
A:8270C	460-7904-A-2-A MS		460-22586	460-22553	11/13/2009 18:36	1	TAL EDI	AS
P:3010A	460-7904-C-2-B MS		460-22860	460-22715	11/16/2009 09:14	1	TAL EDI	SS
A:6010B	460-7904-C-2-B MS		460-22860	460-22715	11/17/2009 01:52	1	TAL EDI	MPP
P:7470A	460-7904-C-2-F MS		460-23225	460-23174	11/19/2009 12:11	1	TAL EDI	RBS
A:7470A	460-7904-C-2-F MS		460-23225	460-23174	11/19/2009 15:24	1	TAL EDI	RBS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Laboratory Chronicle

Lab ID: 460-7904-2 **Client ID:** GW-017338-111209-ACH-02

Sample Date/Time: 11/12/2009 10:40 Received Date/Time: 11/12/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-7904-D-2 MSD		460-23541		11/23/2009 11:59	1	TAL EDI	SD
A:8260B	460-7904-D-2 MSD		460-23541		11/23/2009 11:59	1	TAL EDI	SD
P:3510C	460-7904-A-2-B MSD		460-22586	460-22553	11/13/2009 08:50	1	TAL EDI	MC
A:8270C	460-7904-A-2-B MSD		460-22586	460-22553	11/13/2009 19:00	1	TAL EDI	AS

Lab ID: 460-7904-2 **Client ID:** GW-017338-111209-ACH-02

Sample Date/Time: 11/12/2009 10:40 Received Date/Time: 11/12/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-7904-A-2-C DU		460-22860	460-22715	11/16/2009 09:14	1	TAL EDI	SS
A:6010B	460-7904-A-2-C DU		460-22860	460-22715	11/17/2009 01:33	1	TAL EDI	MPP
P:7470A	460-7904-A-2-E DU		460-23225	460-23174	11/19/2009 12:11	1	TAL EDI	RBS
A:7470A	460-7904-A-2-E DU		460-23225	460-23174	11/19/2009 15:23	1	TAL EDI	RBS

Lab ID: 460-7904-3 **Client ID:** GW-017338-111209-ACH-03

Sample Date/Time: 11/12/2009 11:50 Received Date/Time: 11/12/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-7904-F-3		460-23541		11/23/2009 14:48	1	TAL EDI	SD
A:8260B	460-7904-F-3		460-23541		11/23/2009 14:48	1	TAL EDI	SD
P:3510C	460-7904-B-3-A		460-23191	460-22553	11/13/2009 08:50	2	TAL EDI	MC
A:8270C	460-7904-B-3-A		460-23191	460-22553	11/17/2009 16:43	2	TAL EDI	MC
P:3010A	460-7904-C-3-A		460-22860	460-22715	11/16/2009 09:14	1	TAL EDI	SS
A:6010B	460-7904-C-3-A		460-22860	460-22715	11/17/2009 02:23	1	TAL EDI	MPP
P:7470A	460-7904-C-3-C		460-23225	460-23174	11/19/2009 12:11	1	TAL EDI	RBS
A:7470A	460-7904-C-3-C		460-23225	460-23174	11/19/2009 15:41	1	TAL EDI	RBS

Lab ID: 460-7904-4 **Client ID:** GW-017338-111209-ACH-04

Sample Date/Time: 11/12/2009 12:00 Received Date/Time: 11/12/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-7904-F-4		460-23541		11/23/2009 19:13	1	TAL EDI	SD
A:8260B	460-7904-F-4		460-23541		11/23/2009 19:13	1	TAL EDI	SD
P:3510C	460-7904-A-4-A		460-23191	460-22553	11/13/2009 08:50	2	TAL EDI	MC
A:8270C	460-7904-A-4-A		460-23191	460-22553	11/17/2009 17:07	2	TAL EDI	MC
P:3010A	460-7904-C-4-A		460-22860	460-22715	11/16/2009 09:14	1	TAL EDI	SS
A:6010B	460-7904-C-4-A		460-22860	460-22715	11/17/2009 02:29	1	TAL EDI	MPP
P:7470A	460-7904-C-4-C		460-23225	460-23174	11/19/2009 12:11	1	TAL EDI	RBS
A:7470A	460-7904-C-4-C		460-23225	460-23174	11/19/2009 15:43	1	TAL EDI	RBS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Laboratory Chronicle

Lab ID: 460-7904-5 **Client ID: GW-017338-111209-ACH-05**

Sample Date/Time: 11/12/2009 13:10 Received Date/Time: 11/12/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-7904-E-5		460-23604		11/24/2009 00:19	1	TAL EDI	KB
A:8260B	460-7904-E-5		460-23604		11/24/2009 00:19	1	TAL EDI	KB
P:3510C	460-7904-B-5-A		460-22586	460-22553	11/13/2009 08:50	1	TAL EDI	MC
A:8270C	460-7904-B-5-A		460-22586	460-22553	11/13/2009 20:38	1	TAL EDI	AS
P:3010A	460-7904-C-5-A		460-22860	460-22715	11/16/2009 09:14	1	TAL EDI	SS
A:6010B	460-7904-C-5-A		460-22860	460-22715	11/17/2009 02:48	1	TAL EDI	MPP
P:7470A	460-7904-C-5-C		460-23225	460-23174	11/19/2009 12:11	1	TAL EDI	RBS
A:7470A	460-7904-C-5-C		460-23225	460-23174	11/19/2009 15:45	1	TAL EDI	RBS

Lab ID: 460-7904-6 **Client ID: TB-017338-111209-ACH-001**

Sample Date/Time: 11/12/2009 00:00 Received Date/Time: 11/12/2009 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-7904-B-6		460-23604		11/24/2009 00:43	1	TAL EDI	KB
A:8260B	460-7904-B-6		460-23604		11/24/2009 00:43	1	TAL EDI	KB

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-23541/4		460-23541		11/23/2009 09:50	1	TAL EDI	SD
A:8260B	MB 460-23541/4		460-23541		11/23/2009 09:50	1	TAL EDI	SD
P:5030B	MB 460-23604/5		460-23604		11/23/2009 22:10	1	TAL EDI	KB
A:8260B	MB 460-23604/5		460-23604		11/23/2009 22:10	1	TAL EDI	KB
P:3010A	MB 460-22715/1-A		460-22860	460-22715	11/16/2009 09:14	1	TAL EDI	SS
A:6010B	MB 460-22715/1-A		460-22860	460-22715	11/17/2009 00:43	1	TAL EDI	MPP
P:7470A	MB 460-23174/1-A		460-23225	460-23174	11/19/2009 12:11	1	TAL EDI	RBS
A:7470A	MB 460-23174/1-A		460-23225	460-23174	11/19/2009 15:16	1	TAL EDI	RBS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-7904-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-23541/3		460-23541		11/23/2009 08:55	1	TAL EDI	SD
A:8260B	LCS 460-23541/3		460-23541		11/23/2009 08:55	1	TAL EDI	SD
P:5030B	LCS 460-23604/3		460-23604		11/23/2009 20:58	1	TAL EDI	KB
A:8260B	LCS 460-23604/3		460-23604		11/23/2009 20:58	1	TAL EDI	KB
P:3510C	LCS 460-22553/2-A		460-22586	460-22553	11/13/2009 08:50	1	TAL EDI	MC
A:8270C	LCS 460-22553/2-A		460-22586	460-22553	11/13/2009 17:47	1	TAL EDI	AS
P:3010A	LCS 460-22715/2-A		460-22860	460-22715	11/16/2009 09:14	1	TAL EDI	SS
A:6010B	LCS 460-22715/2-A		460-22860	460-22715	11/17/2009 00:49	1	TAL EDI	MPP
P:7470A	LCS 460-23174/2-A		460-23225	460-23174	11/19/2009 12:11	1	TAL EDI	RBS
A:7470A	LCS 460-23174/2-A		460-23225	460-23174	11/19/2009 15:18	1	TAL EDI	RBS

Lab ID: MS **Client ID: N/A**

Sample Date/Time: N/A 11/2009 00:00 Received Date/Time: N/A 17/2009 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-8015-C-3 MS		460-23604		11/23/2009 23:06	10	TAL EDI	KB
A:8260B	460-8015-C-3 MS		460-23604		11/23/2009 23:06	10	TAL EDI	KB

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: N/A 11/2009 00:00 Received Date/Time: N/A 17/2009 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-8015-C-3 MSD		460-23604		11/23/2009 23:31	10	TAL EDI	KB
A:8260B	460-8015-C-3 MSD		460-23604		11/23/2009 23:31	10	TAL EDI	KB

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
EB-017338-111209-A CH-01	460-7904-1	107	115	97
GW-017338-111209-A CH-02	460-7904-2	102	112	92
GW-017338-111209-A CH-03	460-7904-3	103	116	95
GW-017338-111209-A CH-04	460-7904-4	105	114	94
GW-017338-111209-A CH-05	460-7904-5	107	117	97
TB-017338-111209-A CH-001	460-7904-6	105	114	94
	MB 460-23541/4	106	118	98
	MB 460-23604/5	103	113	93
	LCS 460-23541/3	99	114	94
	LCS 460-23604/3	103	115	95
GW-017338-111209-A CH-02 MS	460-7904-2 MS	104	115	96
	460-8015-C-3 MS	107	118	99
GW-017338-111209-A CH-02 MSD	460-7904-2 MSD	100	115	94
	460-8015-C-3 MSD	102	115	93

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32307.d

Lab ID: LCS 460-23541/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	14.7	74	46-145	
Chloromethane	20.0	16.3	81	58-146	
Bromomethane	20.0	15.0	75	55-153	
Vinyl chloride	20.0	18.7	94	61-144	
Chloroethane	20.0	18.3	92	69-145	
Trichlorofluoromethane	20.0	17.7	89	69-147	
Freon TF	20.0	16.4	82	47-139	
Methylene Chloride	20.0	18.1	90	79-119	
Acetone	20.0	15.0	75	45-156	
Carbon disulfide	20.0	19.1	96	58-139	
Methyl acetate	20.0	13.1	65	50-151	
1,1-Dichloroethene	20.0	21.0	105	56-139	
1,1-Dichloroethane	20.0	17.6	88	78-122	
cis-1,2-Dichloroethene	20.0	18.2	91	80-120	
trans-1,2-Dichloroethene	20.0	18.3	92	75-122	
MTBE	20.0	17.5	88	71-115	
Chloroform	20.0	18.1	91	82-123	
1,2-Dichloroethane	20.0	16.3	81	74-118	
2-Butanone	20.0	16.0	80	65-114	
1,1,1-Trichloroethane	20.0	18.4	92	74-128	
Cyclohexane	20.0	17.9	89	58-133	
Carbon tetrachloride	20.0	16.4	82	73-120	
Bromodichloromethane	20.0	17.8	89	79-119	
1,2-Dichloropropane	20.0	18.1	90	80-120	
cis-1,3-Dichloropropene	20.0	18.4	92	80-120	
Trichloroethene	20.0	17.2	86	78-119	
Methylcyclohexane	20.0	16.4	82	61-129	
Dibromochloromethane	20.0	18.4	92	80-120	
1,1,2-Trichloroethane	20.0	17.7	89	79-119	
Benzene	20.0	18.8	94	83-124	
trans-1,3-Dichloropropene	20.0	17.8	89	78-118	
Bromoform	20.0	18.9	94	73-123	
Isopropylbenzene	20.0	19.9	99	80-125	
4-Methyl-2-pentanone	20.0	14.4	72	53-120	
2-Hexanone	20.0	14.4	72	53-121	
Tetrachloroethene	20.0	19.8	99	68-139	
Toluene	20.0	18.5	93	80-120	
1,1,2,2-Tetrachloroethane	20.0	17.3	86	74-126	
Chlorobenzene	20.0	18.0	90	81-121	
Ethylbenzene	20.0	17.7	88	79-126	
Xylenes, Total	60.0	54.3	91	76-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32307.d

Lab ID: LCS 460-23541/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	17.8	89	69-112	
1,2-Dibromo-3-Chloropropane	20.0	15.7	79	70-116	
1,3-Dichlorobenzene	20.0	18.0	90	81-126	
1,4-Dichlorobenzene	20.0	18.2	91	83-123	
1,2-Dichlorobenzene	20.0	18.1	91	82-122	
1,2,4-Trichlorobenzene	20.0	18.6	93	66-120	
1,2-Dibromoethane	20.0	17.1	85	78-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32336.d

Lab ID: LCS 460-23604/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	15.3	76	46-145	
Chloromethane	20.0	16.7	84	58-146	
Bromomethane	20.0	16.8	84	55-153	
Vinyl chloride	20.0	19.5	98	61-144	
Chloroethane	20.0	17.8	89	69-145	
Trichlorofluoromethane	20.0	18.3	91	69-147	
Freon TF	20.0	17.2	86	47-139	
Methylene Chloride	20.0	18.6	93	79-119	
Acetone	20.0	18.2	91	45-156	
Carbon disulfide	20.0	19.6	98	58-139	
Methyl acetate	20.0	14.7	73	50-151	
1,1-Dichloroethene	20.0	21.6	108	56-139	
1,1-Dichloroethane	20.0	17.9	90	78-122	
cis-1,2-Dichloroethene	20.0	18.2	91	80-120	
trans-1,2-Dichloroethene	20.0	19.0	95	75-122	
MTBE	20.0	18.2	91	71-115	
Chloroform	20.0	18.5	92	82-123	
1,2-Dichloroethane	20.0	16.9	84	74-118	
2-Butanone	20.0	18.8	94	65-114	
1,1,1-Trichloroethane	20.0	19.6	98	74-128	
Cyclohexane	20.0	18.1	91	58-133	
Carbon tetrachloride	20.0	17.0	85	73-120	
Bromodichloromethane	20.0	17.9	90	79-119	
1,2-Dichloropropane	20.0	18.4	92	80-120	
cis-1,3-Dichloropropene	20.0	18.4	92	80-120	
Trichloroethene	20.0	17.8	89	78-119	
Methylcyclohexane	20.0	17.2	86	61-129	
Dibromochloromethane	20.0	18.1	91	80-120	
1,1,2-Trichloroethane	20.0	17.4	87	79-119	
Benzene	20.0	18.8	94	83-124	
trans-1,3-Dichloropropene	20.0	18.1	90	78-118	
Bromoform	20.0	19.8	99	73-123	
Isopropylbenzene	20.0	20.5	102	80-125	
4-Methyl-2-pentanone	20.0	17.3	86	53-120	
2-Hexanone	20.0	18.0	90	53-121	
Tetrachloroethene	20.0	20.4	102	68-139	
Toluene	20.0	18.9	95	80-120	
1,1,2,2-Tetrachloroethane	20.0	18.3	92	74-126	
Chlorobenzene	20.0	18.4	92	81-121	
Ethylbenzene	20.0	18.3	91	79-126	
Xylenes, Total	60.0	55.0	92	76-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32336.d

Lab ID: LCS 460-23604/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	18.1	91	69-112	
1,2-Dibromo-3-Chloropropane	20.0	16.7	83	70-116	
1,3-Dichlorobenzene	20.0	18.3	92	81-126	
1,4-Dichlorobenzene	20.0	18.4	92	83-123	
1,2-Dichlorobenzene	20.0	18.1	91	82-122	
1,2,4-Trichlorobenzene	20.0	18.5	93	66-120	
1,2-Dibromoethane	20.0	17.3	87	78-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32313.d

Lab ID: 460-7904-2 MS Client ID: GW-017338-111209-ACH-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	1.0 U	15.7	79	46-145	
Chloromethane	20.0	1.0 U	17.3	87	58-146	
Bromomethane	20.0	1.0 U	16.7	83	55-153	
Vinyl chloride	20.0	1.0 U	20.4	102	61-144	
Chloroethane	20.0	1.0 U	19.9	99	69-145	
Trichlorofluoromethane	20.0	1.0 U	19.1	96	69-147	
Freon TF	20.0	1.0 U	17.4	87	47-139	
Methylene Chloride	20.0	1.0 U	19.3	96	79-119	
Acetone	20.0	10 U	16.0	80	45-156	
Carbon disulfide	20.0	1.0 U	20.5	103	58-139	
Methyl acetate	20.0	2.0 U	14.4	72	50-151	
1,1-Dichloroethene	20.0	1.0 U	22.4	112	56-139	
1,1-Dichloroethane	20.0	1.0 U	18.5	93	78-122	
cis-1,2-Dichloroethene	20.0	1.0 U	18.6	93	80-120	
trans-1,2-Dichloroethene	20.0	1.0 U	19.2	96	75-122	
MTBE	20.0	0.18 J	18.4	91	71-115	
Chloroform	20.0	1.0 U	19.4	97	82-123	
1,2-Dichloroethane	20.0	1.0 U	17.3	86	74-118	
2-Butanone	20.0	10 U	16.5	82	65-114	
1,1,1-Trichloroethane	20.0	1.0 U	19.9	100	74-128	
Cyclohexane	20.0	1.0 U	18.7	93	58-133	
Carbon tetrachloride	20.0	1.0 U	17.2	86	73-120	
Bromodichloromethane	20.0	1.0 U	18.9	94	79-119	
1,2-Dichloropropane	20.0	1.0 U	18.5	92	80-120	
cis-1,3-Dichloropropene	20.0	1.0 U	19.4	97	80-120	
Trichloroethene	20.0	1.0 U	18.1	91	78-119	
Methylcyclohexane	20.0	1.0 U	16.9	84	61-129	
Dibromochloromethane	20.0	1.0 U	19.5	97	80-120	
1,1,2-Trichloroethane	20.0	1.0 U	18.8	94	79-119	
Benzene	20.0	1.0 U	19.7	98	83-124	
trans-1,3-Dichloropropene	20.0	1.0 U	18.6	93	78-118	
Bromoform	20.0	1.0 U	20.3	101	73-123	
Isopropylbenzene	20.0	1.0 U	21.2	106	80-125	
4-Methyl-2-pentanone	20.0	10 U	15.3	77	53-120	
2-Hexanone	20.0	10 U	16.0	80	53-121	
Tetrachloroethene	20.0	0.53 J	20.5	100	68-139	
Toluene	20.0	1.0 U	18.8	94	80-120	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	18.0	90	74-126	
Chlorobenzene	20.0	1.0 U	18.8	94	81-121	
Ethylbenzene	20.0	1.0 U	18.8	94	79-126	
Xylenes, Total	60.0	3.0 U	57.7	96	76-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32313.d

Lab ID: 460-7904-2 MS Client ID: GW-017338-111209-ACH-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	20.0	1.0 U	18.5	93	69-112	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	16.6	83	70-116	
1,3-Dichlorobenzene	20.0	1.0 U	18.8	94	81-126	
1,4-Dichlorobenzene	20.0	1.0 U	18.6	93	83-123	
1,2-Dichlorobenzene	20.0	1.0 U	18.8	94	82-122	
1,2,4-Trichlorobenzene	20.0	1.0 U	18.9	95	66-120	
1,2-Dibromoethane	20.0	1.0 U	18.0	90	78-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32341.d

Lab ID: 460-8015-C-3 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	200	10 U	159	79	46-145	
Chloromethane	200	10 U	178	89	58-146	
Bromomethane	200	10 U	170	85	55-153	
Vinyl chloride	200	10 U	202	101	61-144	
Chloroethane	200	10 U	174	87	69-145	
Trichlorofluoromethane	200	10 U	191	96	69-147	
Freon TF	200	10 U	171	86	47-139	
Methylene Chloride	200	10 U	188	94	79-119	
Acetone	200	100 U	213	107	45-156	
Carbon disulfide	200	10 U	196	98	58-139	
Methyl acetate	200	20 U	151	76	50-151	
1,1-Dichloroethene	200	10 U	213	107	56-139	
1,1-Dichloroethane	200	10 U	189	95	78-122	
cis-1,2-Dichloroethene	200	10 U	189	94	80-120	
trans-1,2-Dichloroethene	200	10 U	189	94	75-122	
MTBE	200	5.4 J	192	93	71-115	
Chloroform	200	10 U	187	94	82-123	
1,2-Dichloroethane	200	10 U	173	86	74-118	
2-Butanone	200	100 U	197	98	65-114	
1,1,1-Trichloroethane	200	10 U	198	99	74-128	
Cyclohexane	200	110	295	95	58-133	
Carbon tetrachloride	200	10 U	174	87	73-120	
Bromodichloromethane	200	10 U	179	89	79-119	
1,2-Dichloropropane	200	10 U	187	94	80-120	
cis-1,3-Dichloropropene	200	10 U	191	96	80-120	
Trichloroethene	200	10 U	179	90	78-119	
Methylcyclohexane	200	55	231	88	61-129	
Dibromochloromethane	200	10 U	190	95	80-120	
1,1,2-Trichloroethane	200	10 U	199	99	79-119	
Benzene	200	2500	2780	132	83-124	4
trans-1,3-Dichloropropene	200	10 U	183	91	78-118	
Bromoform	200	10 U	204	102	73-123	
Isopropylbenzene	200	29	242	107	80-125	
4-Methyl-2-pentanone	200	100 U	169	84	53-120	
2-Hexanone	200	100 U	177	88	53-121	
Tetrachloroethene	200	10 U	208	104	68-139	
Toluene	200	33	224	96	80-120	
1,1,2,2-Tetrachloroethane	200	10 U	189	95	74-126	
Chlorobenzene	200	10 U	189	94	81-121	
Ethylbenzene	200	9.9 J	193	92	79-126	
Xylenes, Total	600	37	603	94	76-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32341.d

Lab ID: 460-8015-C-3 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	200	10 U	185	93	69-112	
1,2-Dibromo-3-Chloropropane	200	10 U	172	86	70-116	
1,3-Dichlorobenzene	200	10 U	192	96	81-126	
1,4-Dichlorobenzene	200	10 U	189	95	83-123	
1,2-Dichlorobenzene	200	10 U	189	94	82-122	
1,2,4-Trichlorobenzene	200	10 U	190	95	66-120	
1,2-Dibromoethane	200	10 U	180	90	78-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32314.d

Lab ID: 460-7904-2 MSD Client ID: GW-017338-111209-ACH-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	15.5	77	1	30	46-145	
Chloromethane	20.0	16.9	84	2	30	58-146	
Bromomethane	20.0	16.8	84	1	30	55-153	
Vinyl chloride	20.0	19.9	99	2	30	61-144	
Chloroethane	20.0	19.6	98	1	30	69-145	
Trichlorofluoromethane	20.0	18.4	92	4	30	69-147	
Freon TF	20.0	16.8	84	4	30	47-139	
Methylene Chloride	20.0	18.5	93	4	30	79-119	
Acetone	20.0	15.1	76	5	30	45-156	
Carbon disulfide	20.0	20.1	101	2	30	58-139	
Methyl acetate	20.0	13.8	69	5	30	50-151	
1,1-Dichloroethene	20.0	22.5	113	0	30	56-139	
1,1-Dichloroethane	20.0	18.3	92	1	30	78-122	
cis-1,2-Dichloroethene	20.0	18.2	91	2	30	80-120	
trans-1,2-Dichloroethene	20.0	18.7	94	2	30	75-122	
MTBE	20.0	18.1	90	2	30	71-115	
Chloroform	20.0	18.6	93	4	30	82-123	
1,2-Dichloroethane	20.0	16.7	84	3	30	74-118	
2-Butanone	20.0	17.1	86	4	30	65-114	
1,1,1-Trichloroethane	20.0	19.5	97	2	30	74-128	
Cyclohexane	20.0	18.1	91	3	30	58-133	
Carbon tetrachloride	20.0	17.0	85	2	30	73-120	
Bromodichloromethane	20.0	18.3	91	3	30	79-119	
1,2-Dichloropropane	20.0	18.2	91	1	30	80-120	
cis-1,3-Dichloropropene	20.0	19.0	95	2	30	80-120	
Trichloroethene	20.0	17.5	88	3	30	78-119	
Methylcyclohexane	20.0	16.7	84	1	30	61-129	
Dibromochloromethane	20.0	19.1	96	2	30	80-120	
1,1,2-Trichloroethane	20.0	18.3	91	3	30	79-119	
Benzene	20.0	19.5	97	1	30	83-124	
trans-1,3-Dichloropropene	20.0	18.3	91	2	30	78-118	
Bromoform	20.0	20.2	101	0	30	73-123	
Isopropylbenzene	20.0	20.9	104	1	30	80-125	
4-Methyl-2-pentanone	20.0	15.7	78	2	30	53-120	
2-Hexanone	20.0	16.1	80	0	30	53-121	
Tetrachloroethene	20.0	21.5	105	5	30	68-139	
Toluene	20.0	18.9	95	1	30	80-120	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	1	30	74-126	
Chlorobenzene	20.0	18.4	92	2	30	81-121	
Ethylbenzene	20.0	18.7	94	0	30	79-126	
Xylenes, Total	60.0	56.5	94	2	30	76-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32314.d

Lab ID: 460-7904-2 MSD Client ID: GW-017338-111209-ACH-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	18.4	92	0	30	69-112	
1,2-Dibromo-3-Chloropropane	20.0	16.3	82	2	30	70-116	
1,3-Dichlorobenzene	20.0	18.7	93	1	30	81-126	
1,4-Dichlorobenzene	20.0	18.4	92	1	30	83-123	
1,2-Dichlorobenzene	20.0	18.4	92	2	30	82-122	
1,2,4-Trichlorobenzene	20.0	19.1	95	1	30	66-120	
1,2-Dibromoethane	20.0	17.9	89	1	30	78-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32342.d

Lab ID: 460-8015-C-3 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	200	157	78	1	30	46-145	
Chloromethane	200	182	91	2	30	58-146	
Bromomethane	200	177	88	4	30	55-153	
Vinyl chloride	200	203	102	1	30	61-144	
Chloroethane	200	171	85	2	30	69-145	
Trichlorofluoromethane	200	186	93	3	30	69-147	
Freon TF	200	168	84	2	30	47-139	
Methylene Chloride	200	185	93	2	30	79-119	
Acetone	200	206	103	4	30	45-156	
Carbon disulfide	200	197	99	1	30	58-139	
Methyl acetate	200	143	72	6	30	50-151	
1,1-Dichloroethene	200	218	109	2	30	56-139	
1,1-Dichloroethane	200	182	91	4	30	78-122	
cis-1,2-Dichloroethene	200	183	92	3	30	80-120	
trans-1,2-Dichloroethene	200	187	94	1	30	75-122	
MTBE	200	190	92	1	30	71-115	
Chloroform	200	186	93	1	30	82-123	
1,2-Dichloroethane	200	168	84	3	30	74-118	
2-Butanone	200	192	96	2	30	65-114	
1,1,1-Trichloroethane	200	195	98	1	30	74-128	
Cyclohexane	200	281	88	5	30	58-133	
Carbon tetrachloride	200	168	84	3	30	73-120	
Bromodichloromethane	200	176	88	2	30	79-119	
1,2-Dichloropropane	200	185	93	1	30	80-120	
cis-1,3-Dichloropropene	200	188	94	2	30	80-120	
Trichloroethene	200	180	90	0	30	78-119	
Methylcyclohexane	200	230	88	0	30	61-129	
Dibromochloromethane	200	189	94	1	30	80-120	
1,1,2-Trichloroethane	200	199	99	0	30	79-119	
Benzene	200	2730	110	2	30	83-124	4
trans-1,3-Dichloropropene	200	182	91	0	30	78-118	
Bromoform	200	197	98	4	30	73-123	
Isopropylbenzene	200	241	106	0	30	80-125	
4-Methyl-2-pentanone	200	170	85	1	30	53-120	
2-Hexanone	200	177	89	0	30	53-121	
Tetrachloroethene	200	202	101	3	30	68-139	
Toluene	200	225	96	0	30	80-120	
1,1,2,2-Tetrachloroethane	200	185	92	2	30	74-126	
Chlorobenzene	200	185	92	2	30	81-121	
Ethylbenzene	200	196	93	2	30	79-126	
Xylenes, Total	600	611	96	1	30	76-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p32342.d

Lab ID: 460-8015-C-3 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	200	184	92	1	30	69-112	
1,2-Dibromo-3-Chloropropane	200	166	83	4	30	70-116	
1,3-Dichlorobenzene	200	183	92	5	30	81-126	
1,4-Dichlorobenzene	200	185	93	2	30	83-123	
1,2-Dichlorobenzene	200	184	92	2	30	82-122	
1,2,4-Trichlorobenzene	200	191	96	1	30	66-120	
1,2-Dibromoethane	200	181	90	0	30	78-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab File ID: p32309.d Lab Sample ID: MB 460-23541/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 11/23/2009 09:50

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-23541/3	p32307.d	11/23/2009 08:55
GW-017338-111209-ACH-02	460-7904-2	p32312.d	11/23/2009 11:11
GW-017338-111209-ACH-02 MS	460-7904-2 MS	p32313.d	11/23/2009 11:35
GW-017338-111209-ACH-02 MSD	460-7904-2 MSD	p32314.d	11/23/2009 11:59
EB-017338-111209-ACH-01	460-7904-1	p32320.d	11/23/2009 14:24
GW-017338-111209-ACH-03	460-7904-3	p32321.d	11/23/2009 14:48
GW-017338-111209-ACH-04	460-7904-4	p32332.d	11/23/2009 19:13

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab File ID: p32339.d Lab Sample ID: MB 460-23604/5

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 11/23/2009 22:10

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-23604/3	p32336.d	11/23/2009 20:58
	460-8015-C-3 MS	p32341.d	11/23/2009 23:06
	460-8015-C-3 MSD	p32342.d	11/23/2009 23:31
GW-017338-111209-ACH-05	460-7904-5	p32344.d	11/24/2009 00:19
TB-017338-111209-ACH-001	460-7904-6	p32345.d	11/24/2009 00:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab File ID: p32022.d BFB Injection Date: 10/21/2009

Instrument ID: VOAMS13 BFB Injection Time: 19:22

Analysis Batch No.: 20360

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.0	
75	30.0 - 60.0 % of mass 95	52.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	1.0	(1.3)1
174	50.0 - 120.00 % of mass 95	77.3	
175	5.0 - 9.0 % of mass 174	6.2	(8.1)1
176	95.0 - 101.0 % of mass 174	75.2	(97.4)1
177	5.0 - 9.0 % of mass 176	4.7	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-20360/2	p32025.d	10/21/2009	20:38
	IC 460-20360/3	p32027.d	10/21/2009	21:29
	ICIS 460-20360/4	p32028.d	10/21/2009	21:54
	IC 460-20360/5	p32029.d	10/21/2009	22:19
	IC 460-20360/6	p32030.d	10/21/2009	22:45
	IC 460-20360/7	p32031.d	10/21/2009	23:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab File ID: p32304.d BFB Injection Date: 11/23/2009

Instrument ID: VOAMS13 BFB Injection Time: 07:34

Analysis Batch No.: 23541

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.8	
75	30.0 - 60.0 % of mass 95	51.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	1.2	(1.5)1
174	50.0 - 120.00 % of mass 95	76.7	
175	5.0 - 9.0 % of mass 174	5.8	(7.6)1
176	95.0 - 101.0 % of mass 174	75.1	(97.9)1
177	5.0 - 9.0 % of mass 176	4.3	(5.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-23541/2	p32306.d	11/23/2009	08:28
	LCS 460-23541/3	p32307.d	11/23/2009	08:55
	MB 460-23541/4	p32309.d	11/23/2009	09:50
GW-017338-111209-ACH-02	460-7904-2	p32312.d	11/23/2009	11:11
GW-017338-111209-ACH-02 MS	460-7904-2 MS	p32313.d	11/23/2009	11:35
GW-017338-111209-ACH-02 MSD	460-7904-2 MSD	p32314.d	11/23/2009	11:59
EB-017338-111209-ACH-01	460-7904-1	p32320.d	11/23/2009	14:24
GW-017338-111209-ACH-03	460-7904-3	p32321.d	11/23/2009	14:48
GW-017338-111209-ACH-04	460-7904-4	p32332.d	11/23/2009	19:13

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab File ID: p32333.d BFB Injection Date: 11/23/2009

Instrument ID: VOAMS13 BFB Injection Time: 19:35

Analysis Batch No.: 23604

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.4	
75	30.0 - 60.0 % of mass 95	51.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	82.8	
175	5.0 - 9.0 % of mass 174	6.8	(8.2)1
176	95.0 - 101.0 % of mass 174	81.0	(97.8)1
177	5.0 - 9.0 % of mass 176	5.4	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-23604/2	p32334.d	11/23/2009	19:53
	LCS 460-23604/3	p32336.d	11/23/2009	20:58
	MB 460-23604/5	p32339.d	11/23/2009	22:10
	460-8015-C-3 MS	p32341.d	11/23/2009	23:06
	460-8015-C-3 MSD	p32342.d	11/23/2009	23:31
GW-017338-111209-ACH-05	460-7904-5	p32344.d	11/24/2009	00:19
TB-017338-111209-ACH-001	460-7904-6	p32345.d	11/24/2009	00:43

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Sample No.: CCVIS 460-23541/2 Date Analyzed: 11/23/2009 08:28

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p32306.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		1050905	3.23	718545	6.50	402897	9.67
UPPER LIMIT		2101810	3.73	1437090	7.00	805794	10.17
LOWER LIMIT		525453	2.73	359273	6.00	201449	9.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-23541/3		1063350	3.23	724928	6.50	401489	9.67
MB 460-23541/4		995839	3.23	676547	6.50	379617	9.67
460-7904-2	GW-017338-111209-ACH-02	1035649	3.23	698954	6.50	390707	9.67
460-7904-2 MS	GW-017338-111209-ACH-02 MS	991280	3.23	676931	6.50	383112	9.67
460-7904-2 MSD	GW-017338-111209-ACH-02 MSD	1034226	3.23	695170	6.50	394381	9.67
460-7904-1	EB-017338-111209-ACH-01	959578	3.23	661470	6.50	365300	9.67
460-7904-3	GW-017338-111209-ACH-03	994824	3.23	675869	6.50	381944	9.67
460-7904-4	GW-017338-111209-ACH-04	955839	3.23	649420	6.50	369925	9.67

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Sample No.: CCVIS 460-23604/2 Date Analyzed: 11/23/2009 19:53

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p32334.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		913755	3.23	625727	6.50	349543	9.67
UPPER LIMIT		1827510	3.73	1251454	7.00	699086	10.17
LOWER LIMIT		456878	2.73	312864	6.00	174772	9.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-23604/3		958945	3.23	670535	6.50	373259	9.67
MB 460-23604/5		967949	3.23	667216	6.50	369249	9.67
460-8015-C-3 MS		911771	3.23	625796	6.50	350946	9.67
460-8015-C-3 MSD		956693	3.23	656295	6.50	375009	9.67
460-7904-5	GW-017338-111209-ACH-05	929425	3.23	642111	6.50	357896	9.67
460-7904-6	TB-017338-111209-ACH-001	954552	3.23	646771	6.50	362125	9.67

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: EB-017338-111209-ACH-01 | Lab Sample ID: 460-7904-1

Matrix: Water | Lab File ID: p32320.d

Analysis Method: 8260B | Date Collected: 11/12/2009 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 14:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.2		1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: EB-017338-111209-ACH-01 Lab Sample ID: 460-7904-1

Matrix: Water Lab File ID: p32320.d

Analysis Method: 8260B Date Collected: 11/12/2009 09:30

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 14:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107	70-122	
2037-26-5	Toluene-d8 (Surr)	115	69-125	
460-00-4	Bromofluorobenzene	97	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: EB-017338-111209-ACH-01 Lab Sample ID: 460-7904-1

Matrix: Water Lab File ID: p32320.d

Analysis Method: 8260B Date Collected: 11/12/2009 09:30

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 14:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32320.d
Report Date: 23-Nov-2009 14:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32320.d
Lab Smp Id: 460-7904-F-1 Client Smp ID: EB-017338-111209-AC
Inj Date : 23-NOV-2009 14:24
Operator : Inst ID: VOAMS13.i
Smp Info : 460-7904-F-1
Misc Info : 460-7904-F-1
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	1.597	1.597	(0.494)	5367	1.17193	1.2
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	232230	53.7280	54
* 52 Fluorobenzene	96	3.230	3.230	(1.000)	959578	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.691	4.684	(0.722)	653310	57.5650	58
* 78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	661470	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	217320	48.5776	48
* 108 1,4-Dichlorobenzene-d4	152	9.669	9.670	(1.000)	365300	50.0000	

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32320.d
Report Date: 23-Nov-2009 14:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32320.d
Lab Smp Id: 460-7904-F-1 Client Smp ID: EB-017338-111209-AC
Inj Date : 23-NOV-2009 14:24
Operator : Inst ID: VOAMS13.i
Smp Info : 460-7904-F-1
Misc Info : 460-7904-F-1
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

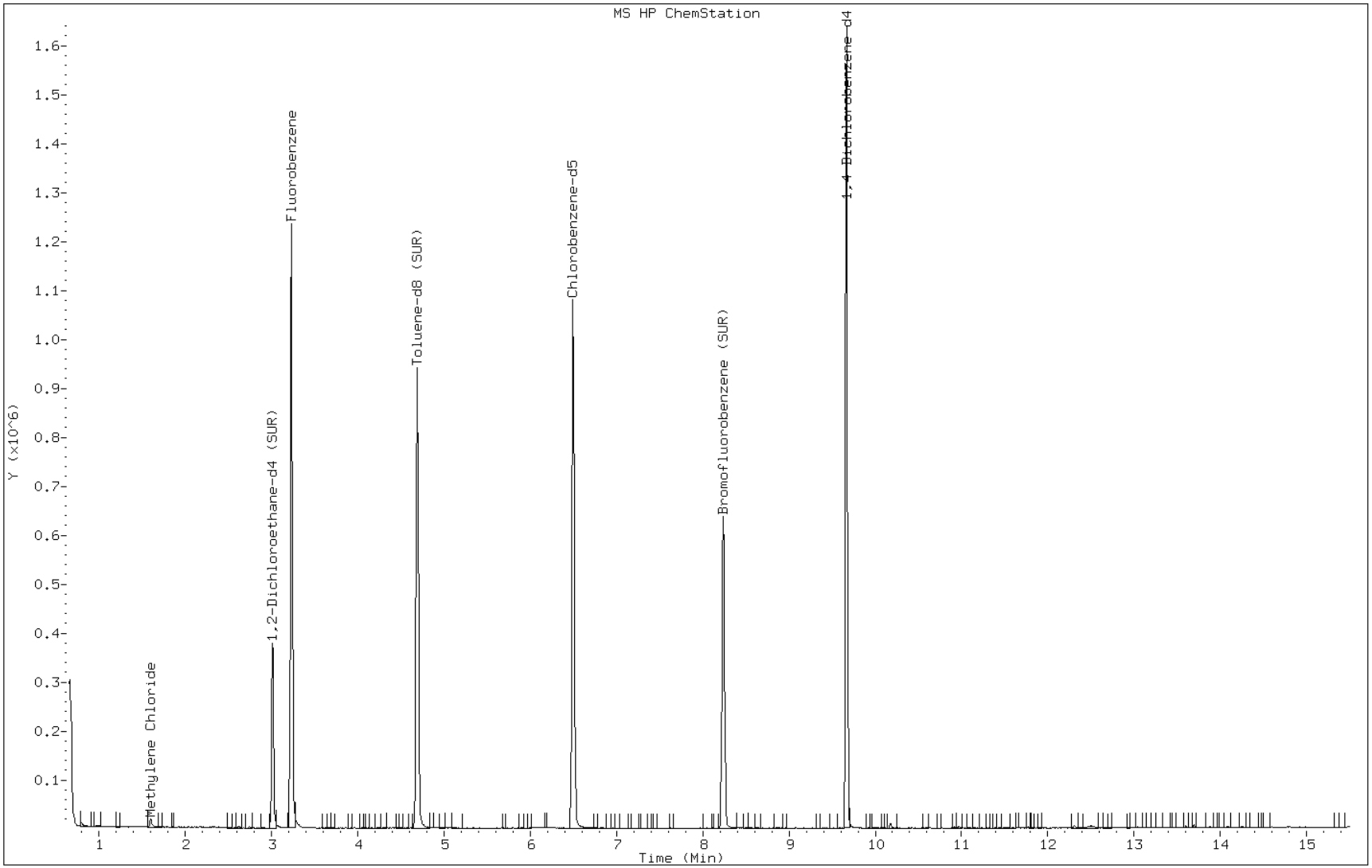
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p32320.d

Date: 23-NOV-2009 14:24

Client ID: EB-017338-111209-AC Instrument: VOAMS13.i

Sample Info: 460-7904-F-1 Operator:



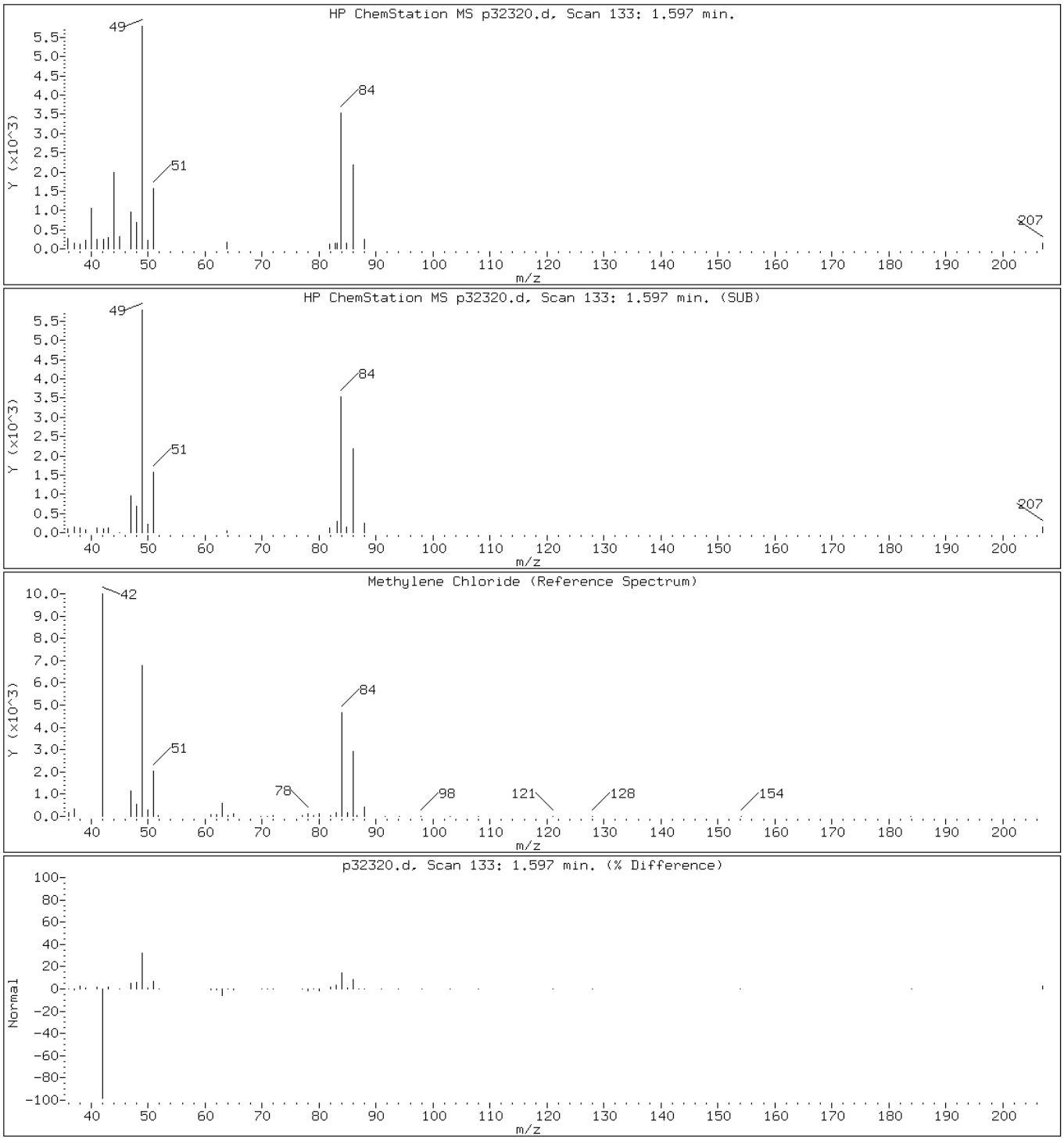
Data File: p32320.d

Date: 23-NOV-2009 14:24

Client ID: EB-017338-111209-AC Instrument: VOAMS13.i

Sample Info: 460-7904-F-1 Operator:

22 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2

Matrix: Water | Lab File ID: p32312.d

Analysis Method: 8260B | Date Collected: 11/12/2009 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 11:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	0.18	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	0.53	J	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2

Matrix: Water | Lab File ID: p32312.d

Analysis Method: 8260B | Date Collected: 11/12/2009 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 11:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102	70-122	
2037-26-5	Toluene-d8 (Surr)	112	69-125	
460-00-4	Bromofluorobenzene	92	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 Lab Sample ID: 460-7904-2

Matrix: Water Lab File ID: p32312.d

Analysis Method: 8260B Date Collected: 11/12/2009 10:40

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 11:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32312.d
Report Date: 23-Nov-2009 12:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32312.d
Lab Smp Id: 460-7904-F-2 Client Smp ID: GW-017338-111209-AC
Inj Date : 23-NOV-2009 11:11
Operator : Inst ID: VOAMS13.i
Smp Info : 460-7904-F-2
Misc Info : 460-7904-F-2
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
28 MTBE	73	1.740	1.740	(0.539)	2983	0.18142	0.18(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	237316	50.8717	51
* 52 Fluorobenzene	96	3.230	3.230	(1.000)	1035649	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.691	4.684	(0.722)	674579	56.2514	56
71 Tetrachloroethene	166	5.142	5.143	(0.792)	2350	0.52646	0.53(a)
* 78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	698954	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	221062	46.2008	46
* 108 1,4-Dichlorobenzene-d4	152	9.669	9.670	(1.000)	390707	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32312.d
Report Date: 23-Nov-2009 12:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32312.d
Lab Smp Id: 460-7904-F-2 Client Smp ID: GW-017338-111209-AC
Inj Date : 23-NOV-2009 11:11
Operator : Inst ID: VOAMS13.i
Smp Info : 460-7904-F-2
Misc Info : 460-7904-F-2
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

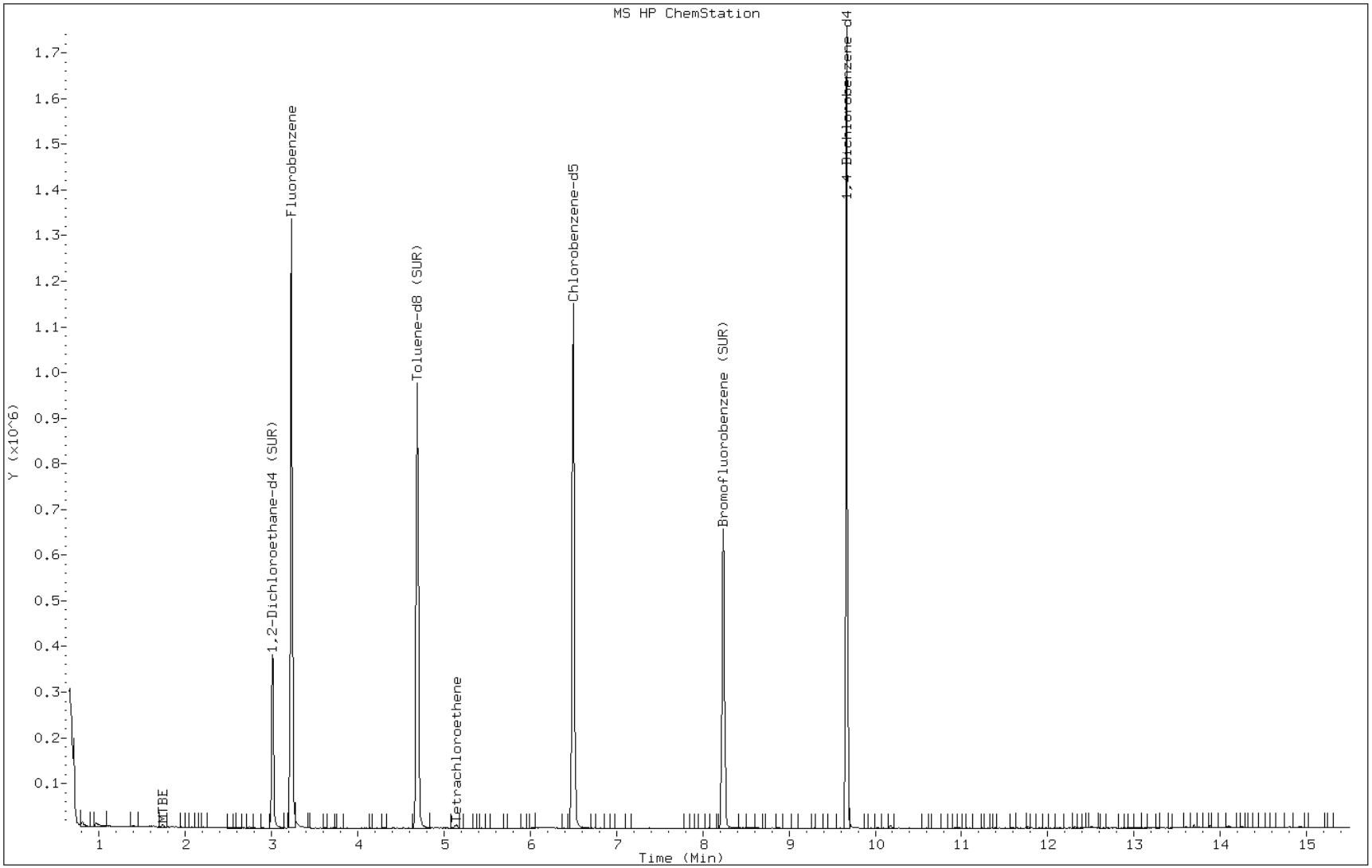
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p32312.d

Date: 23-NOV-2009 11:11

Client ID: GW-017338-111209-AC Instrument: VOAMS13.i

Sample Info: 460-7904-F-2 Operator:



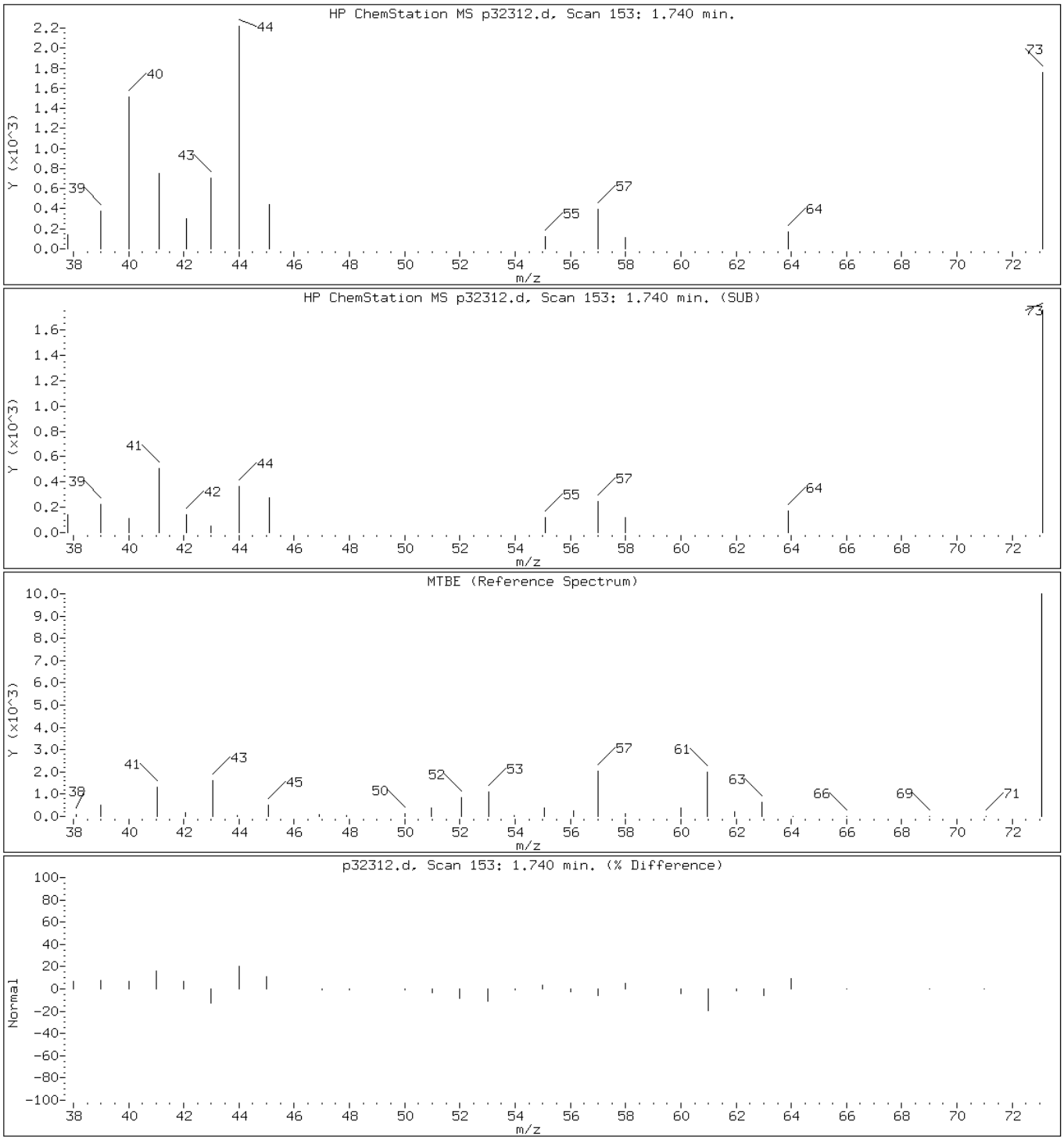
Data File: p32312.d

Date: 23-NOV-2009 11:11

Client ID: GW-017338-111209-AC Instrument: VOAMS13.i

Sample Info: 460-7904-F-2 Operator:

28 MTBE



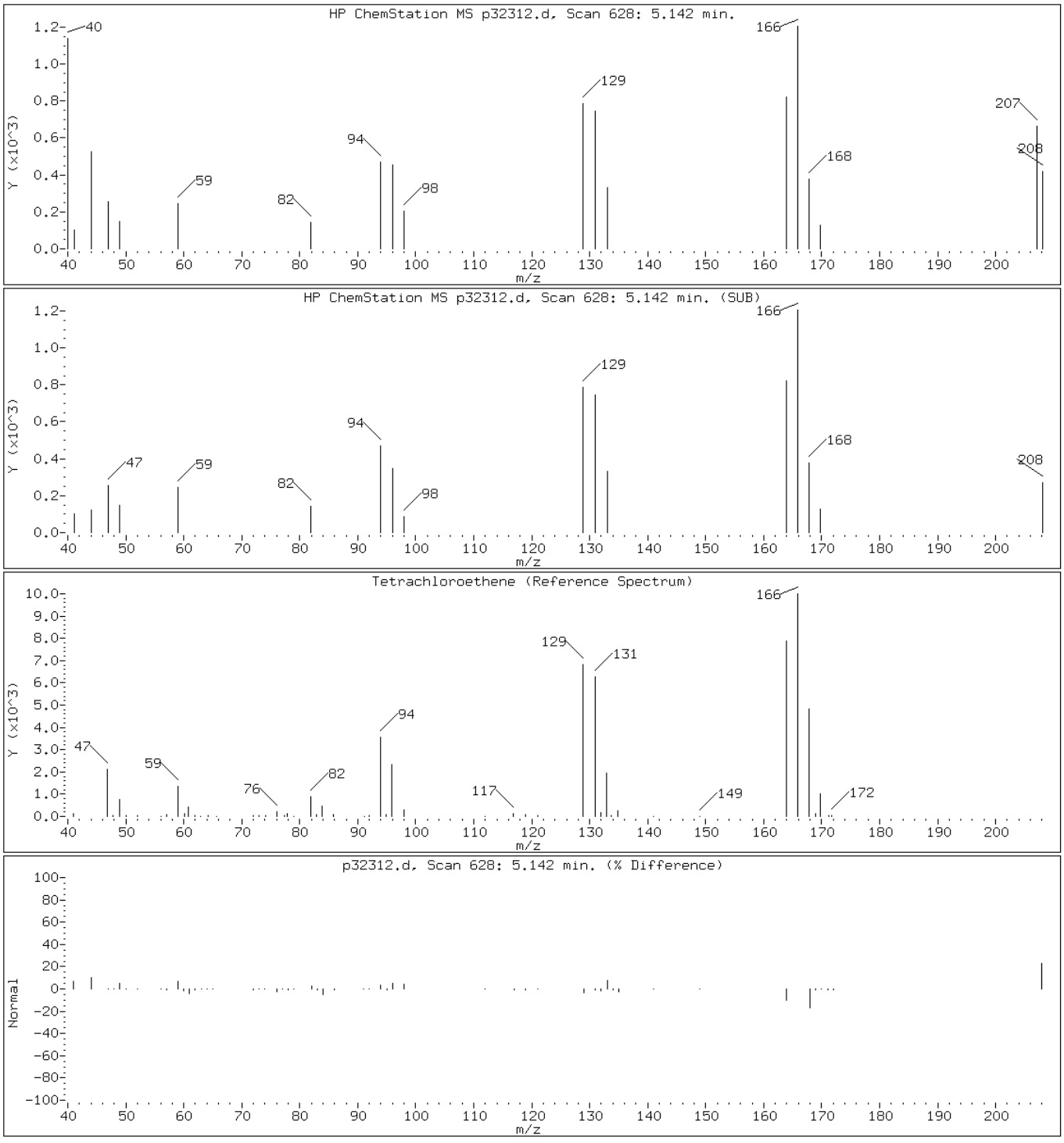
Data File: p32312.d

Date: 23-NOV-2009 11:11

Client ID: GW-017338-111209-AC Instrument: VOAMS13.i

Sample Info: 460-7904-F-2 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-03 | Lab Sample ID: 460-7904-3

Matrix: Water | Lab File ID: p32321.d

Analysis Method: 8260B | Date Collected: 11/12/2009 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 14:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	8.9		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	5.3		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	18		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	12		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	24		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-03 | Lab Sample ID: 460-7904-3

Matrix: Water | Lab File ID: p32321.d

Analysis Method: 8260B | Date Collected: 11/12/2009 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 14:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.25	J	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	2.8		1.0	0.16
100-41-4	Ethylbenzene	0.80	J	1.0	0.25
1330-20-7	Xylenes, Total	17		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	70-122	
2037-26-5	Toluene-d8 (Surr)	116	69-125	
460-00-4	Bromofluorobenzene	95	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-03 Lab Sample ID: 460-7904-3

Matrix: Water Lab File ID: p32321.d

Analysis Method: 8260B Date Collected: 11/12/2009 11:50

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 14:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

Number TICs Found: 15 TIC Result Total: 1527

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C9H10 Aromatic	9.86	350	T J
	Diethylbenzene isomer	9.91	39	T J
	Diethylbenzene isomer-2	9.98	42	T J
	Diethylbenzene isomer-3	10.11	19	T J
	C10H14 Aromatic	10.36	180	T J
	2,3-dihydro-methyl-1H-Indene isomer	10.41	42	T J
-2	C10H14 Aromatic-1	10.49	17	T J N
	Tetramethylbenzene isomer	10.72	130	T J
	Tetramethylbenzene isomer-2	10.76	85	T J
	2,3-dihydro-methyl-1H-Indene isomer-2	10.92	54	T J
	2,3-dihydro-methyl-1H-Indene isomer-3	11.06	220	T J
	Coeluting Aromatics	11.16	14	T J
	C11H16 Aromatic	11.37	27	T J
91-20-3	Naphthalene	11.63	290	
	C11H16 Aromatic	12.05	18	T J

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-04 | Lab Sample ID: 460-7904-4

Matrix: Water | Lab File ID: p32332.d

Analysis Method: 8260B | Date Collected: 11/12/2009 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 19:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	9.1		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	5.1		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	18		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	12		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	24		1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-04 Lab Sample ID: 460-7904-4

Matrix: Water Lab File ID: p32332.d

Analysis Method: 8260B Date Collected: 11/12/2009 12:00

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 19:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.28	J	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	2.8		1.0	0.16
100-41-4	Ethylbenzene	0.79	J	1.0	0.25
1330-20-7	Xylenes, Total	17		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105	70-122	
2037-26-5	Toluene-d8 (Surr)	114	69-125	
460-00-4	Bromofluorobenzene	94	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-04 Lab Sample ID: 460-7904-4

Matrix: Water Lab File ID: p32332.d

Analysis Method: 8260B Date Collected: 11/12/2009 12:00

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 19:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

Number TICs Found: 15 TIC Result Total: 1548

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Dimethylcyclohexane isomer	4.31	15	T J
	C9H10 Aromatic	9.86	350	T J
	Diethylbenzene isomer	9.91	39	T J
	Diethylbenzene isomer-2	9.98	42	T J
	Diethylbenzene isomer-3	10.11	19	T J
	C10H14 Aromatic	10.36	180	T J
	2,3-dihydro-methyl-1H-Indene isomer-1	10.41	41	T J
	C10H14 Aromatic-2	10.49	18	T J
	Tetramethylbenzene isomer	10.72	140	T J
	Tetramethylbenzene isomer-2	10.76	85	T J
	2,3-dihydro-methyl-1H-Indene isomer	10.92	54	T J
	2,3-dihydro-methyl-1H-Indene isomer-2	11.06	220	T J
	C11H16 Aromatic	11.37	27	T J
91-20-3	Naphthalene	11.63	300	
	C11H16 Aromatic-2	12.05	18	T J

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-05 | Lab Sample ID: 460-7904-5

Matrix: Water | Lab File ID: p32344.d

Analysis Method: 8260B | Date Collected: 11/12/2009 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/24/2009 00:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23604 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	0.41	J	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-05 | Lab Sample ID: 460-7904-5

Matrix: Water | Lab File ID: p32344.d

Analysis Method: 8260B | Date Collected: 11/12/2009 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/24/2009 00:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23604 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	0.18	J	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107	70-122	
2037-26-5	Toluene-d8 (Surr)	117	69-125	
460-00-4	Bromofluorobenzene	97	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-05 Lab Sample ID: 460-7904-5

Matrix: Water Lab File ID: p32344.d

Analysis Method: 8260B Date Collected: 11/12/2009 13:10

Sample wt/vol: 5(mL) Date Analyzed: 11/24/2009 00:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: TB-017338-111209-ACH-001 | Lab Sample ID: 460-7904-6

Matrix: Water | Lab File ID: p32345.d

Analysis Method: 8260B | Date Collected: 11/12/2009 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/24/2009 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23604 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	0.43	J	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: TB-017338-111209-ACH-001 Lab Sample ID: 460-7904-6

Matrix: Water Lab File ID: p32345.d

Analysis Method: 8260B Date Collected: 11/12/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 11/24/2009 00:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105	70-122	
2037-26-5	Toluene-d8 (Surr)	114	69-125	
460-00-4	Bromofluorobenzene	94	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: TB-017338-111209-ACH-001 Lab Sample ID: 460-7904-6

Matrix: Water Lab File ID: p32345.d

Analysis Method: 8260B Date Collected: 11/12/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 11/24/2009 00:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-20360/2	p32025.d
Level 2	IC 460-20360/3	p32027.d
Level 3	ICIS 460-20360/4	p32028.d
Level 4	IC 460-20360/5	p32029.d
Level 5	IC 460-20360/6	p32030.d
Level 6	IC 460-20360/7	p32031.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
2-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
3-Chloro-1-propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave											
Dimethylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
Methylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
Propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave								15.0			
Dichlorodifluoromethane	0.1179 0.2551	0.2354	0.2417	0.2521	0.2665	LinF		0.2567							0.9996		0.9900
Vinyl chloride	0.2927 0.3429	0.3264	0.3226	0.3396	0.3578	Ave		0.3303				6.8		30.0			
Chloromethane	0.3919 0.3649	0.3673	0.3472	0.3622	0.3764	Ave		0.3683			0.1000	4.1		15.0			
Bromomethane	0.1691 0.1356	0.1373	0.1197	0.1232	0.1240	Ave		0.1348				13.5		15.0			
Chloroethane	0.2317 0.1714	0.2025	0.1778	0.1775	0.1836	Ave		0.1908				11.9		15.0			
Trichlorofluoromethane	0.2055 0.3522	0.3370	0.3543	0.3543	0.3788	LinF		0.3561							0.9990		0.9900
2-Methyl-1,3-butadiene	0.2508 0.3896	0.2963	0.3593	0.3772	0.3994	LinF		0.3909							0.9998		0.9900
Ethyl ether	0.4078 0.2486	0.2567	0.2282	0.2421	0.2521	LinF		0.2490							0.9999		0.9900
1,1-Dichloroethene	0.1484 0.1850	0.1472	0.1461	0.1673	0.1787	Ave		0.1621				10.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	0.6258 0.8201	0.5780	0.6492	0.7127	0.8014	Ave		0.6979				14.0		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1159 0.2156	0.1318	0.1796	0.1965	0.2142	LinF		0.2152							0.9998		0.9900
Acrolein	0.0381 0.0311	0.0322	0.0291	0.0307	0.0315	Ave		0.0321				9.7		15.0			
Isopropyl alcohol	0.0267 0.0284	0.0270	0.0270	0.0281	0.0289	Ave		0.0277				3.2		15.0			
Methylene Chloride	0.2639 0.2433	0.2393	0.2108	0.2326	0.2419	Ave		0.2386				7.2		15.0			
Acetone	0.0425 0.0342	0.0446	0.0361	0.0370	0.0353	Ave		0.0383				11.0		15.0			
trans-1,2-Dichloroethene	0.2324 0.2327	0.1976	0.1867	0.2148	0.2266	Ave		0.2151				9.0		15.0			
Methyl acetate	0.1061 0.1046	0.1000	0.0898	0.0961	0.1054	Ave		0.1003				6.4		15.0			
Hexane	0.1360 0.2425	0.1714	0.2182	0.2306	0.2482	LinF		0.2432							0.9998		0.9900
Methyl tert-butyl ether	0.7519 0.8453	0.7817	0.7562	0.7884	0.8395	Ave		0.7938				5.1		15.0			
2-Methyl-2-propanol	0.0362 0.0415	0.0404	0.0339	0.0371	0.0409	Ave		0.0383				8.0		15.0			
Acetonitrile	0.0109 0.0099	0.0086	0.0077	0.0088	0.0102	Ave		0.0093				12.9		15.0			
Isopropyl ether	1.0857 1.0866	1.0252	1.0090	1.0615	1.0978	Ave		1.0609				3.4		15.0			
1,1-Dichloroethane	0.5593 0.4969	0.4479	0.4284	0.4739	0.4958	Ave		0.4837			0.1000	9.5		15.0			
Acrylonitrile	0.1422 0.1500	0.1511	0.1357	0.1437	0.1498	Ave		0.1454				4.1		15.0			
Tert-butyl ethyl ether	0.8381 0.9450	0.8604	0.8383	0.8839	0.9342	Ave		0.8833				5.3		15.0			
Vinyl acetate	0.4163 0.3750	0.4017	0.4050	0.4211	0.4189	Ave		0.4063				4.2		15.0			
cis-1,2-Dichloroethene	0.2856 0.2483	0.2349	0.2175	0.2326	0.2455	Ave		0.2440				9.5		15.0			
2,2-Dichloropropane	0.3439 0.3545	0.3021	0.2913	0.3376	0.3542	Ave		0.3306				8.2		15.0			
Cyclohexane	0.2640 0.5159	0.3453	0.4397	0.4752	0.5103	LinF		0.5147							0.9998		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorobromomethane	0.1140 0.1175	0.1089	0.1015	0.1093	0.1158	Ave		0.1111				5.3		15.0			
Chloroform	0.4353 0.4286	0.3934	0.3609	0.3964	0.4230	Ave		0.4063				6.9		30.0			
Carbon tetrachloride	0.2116 0.3116	0.2036	0.2259	0.2754	0.3006	LinF		0.3098							0.9994		0.9900
Ethyl acetate	0.0287 0.0375	0.0325	0.0305	0.0324	0.0367	Ave		0.0331				10.5		15.0			
Tetrahydrofuran	0.2090 0.1899	0.1759	0.1555	0.1738	0.1865	Ave		0.1817				9.9		15.0			
1,1,1-Trichloroethane	0.3224 0.3727	0.2772	0.2890	0.3436	0.3643	Ave		0.3282				12.0		15.0			
1,1-Dichloropropene	0.3027 0.3588	0.2658	0.2848	0.3337	0.3570	Ave		0.3171				12.2		15.0			
2-Butanone (MEK)	0.0414 0.0574	0.0444	0.0491	0.0528	0.0562	Ave		0.0502				12.8		15.0			
n-Heptane	0.1102 0.2064	0.1317	0.1585	0.1821	0.2044	LinF		0.2059							0.9997		0.9900
Benzene	1.6188 1.4104	1.3899	1.2908	1.4005	1.4164	Ave		1.4211				7.6		15.0			
Tert-amyl methyl ether	0.5897 0.8282	0.6752	0.6836	0.7475	0.8088	Ave		0.7222				12.5		15.0			
1,2-Dichloroethane	0.4063 0.3786	0.3709	0.3391	0.3612	0.3768	Ave		0.3721				5.9		15.0			
Isopropyl acetate	0.5474 0.7619	0.6288	0.6044	0.6734	0.7473	Ave		0.6605				12.7		15.0			
Methylcyclohexane	0.2138 0.4553	0.2721	0.3762	0.4110	0.4491	LinF		0.4540							0.9998		0.9900
Trichloroethene	0.3088 0.2641	0.2232	0.2071	0.2333	0.2509	Ave		0.2479				14.5		15.0			
Dibromomethane	0.1536 0.1609	0.1483	0.1352	0.1486	0.1574	Ave		0.1507				6.0		15.0			
n-Butanol	0.0052 0.0090	0.0060	0.0061	0.0074	0.0085	QuaF		176.49	-126.2						0.9933		0.9900
1,2-Dichloropropane	0.3066 0.2983	0.2712	0.2564	0.2797	0.2916	Ave		0.2840				6.5		30.0			
Dichlorobromomethane	0.3373 0.3547	0.3011	0.2821	0.3144	0.3414	Ave		0.3218				8.5		15.0			
Ethyl acrylate	0.3693 0.4745	0.4249	0.3818	0.4132	0.4569	Ave		0.4201				9.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl methacrylate	0.0652 0.0814	0.0624	0.0660	0.0731	0.0801	Ave		0.0714				11.3		15.0			
1,4-Dioxane	0.0037 0.0042	0.0040	0.0038	0.0039	0.0042	Ave		0.0040				5.5		15.0			
n-Propyl acetate	0.4408 0.5918	0.5100	0.4824	0.5292	0.5824	Ave		0.5228				11.1		15.0			
2-Chloroethyl vinyl ether	0.1724 0.2375	0.2003	0.1904	0.2077	0.2304	Ave		0.2064				11.9		15.0			
cis-1,3-Dichloropropene	0.6288 0.6140	0.5486	0.5375	0.5891	0.6110	Ave		0.5882				6.4		15.0			
Toluene	2.0291 1.4896	1.4740	1.3199	1.4631	1.4967	LinF		1.4902							1.0000		0.9900
Epichlorohydrin	0.0457 0.0552	0.0535	0.0491	0.0533	0.0562	Ave		0.0522				7.6		15.0			
Tetrachloroethene	0.3327 0.3550	0.2696	0.2737	0.3309	0.3540	Ave		0.3193				12.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.4340 0.5625	0.4625	0.4531	0.5070	0.5531	Ave		0.4954				10.9		15.0			
trans-1,3-Dichloropropene	0.5377 0.6031	0.5133	0.5001	0.5659	0.5958	Ave		0.5527				7.7		15.0			
1,1,2-Trichloroethane	0.2921 0.2829	0.2741	0.2542	0.2736	0.2799	Ave		0.2761				4.6		15.0			
Chlorodibromomethane	0.3131 0.3605	0.3051	0.2918	0.3256	0.3514	Ave		0.3246				8.3		15.0			
1,3-Dichloropropane	0.6237 0.6108	0.5919	0.5499	0.6001	0.6114	Ave		0.5980				4.3		15.0			
Ethylene Dibromide	0.3342 0.3386	0.3236	0.2927	0.3225	0.3349	Ave		0.3244				5.2		15.0			
n-Butyl acetate	0.0954 0.1199	0.1091	0.1003	0.1115	0.1190	Ave		0.1092				9.0		15.0			
2-Hexanone	0.3485 0.3995	0.3796	0.3708	0.4070	0.4097	Ave		0.3858				6.2		15.0			
Chlorobenzene	1.0543 0.9351	0.8324	0.8025	0.8925	0.9260	Ave		0.9071			0.3000	9.8		15.0			
Ethylbenzene	0.6132 0.5276	0.4228	0.4216	0.4950	0.5178	Ave		0.4997				14.4		30.0			
1,1,1,2-Tetrachloroethane	0.3168 0.3347	0.2809	0.2723	0.3032	0.3247	Ave		0.3054				8.1		15.0			
m-Xylene & p-Xylene	0.6910 0.6579	0.5302	0.5181	0.6095	0.6441	Ave		0.6085				11.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
o-Xylene	0.6615 0.6159	0.5166	0.5003	0.5834	0.6119	Ave		0.5816				10.7		15.0			
Bromoform	0.1884 +++++	0.2011	0.1914	0.2276	0.2584	Ave		0.2134			0.1000	13.8		15.0			
Styrene	1.1397 1.0922	0.9102	0.9021	1.0294	1.0723	Ave		1.0243				9.6		15.0			
n-Butyl acrylate	0.2122 0.3157	0.2746	0.2537	0.2906	0.3126	Ave		0.2765				14.2		15.0			
Isopropylbenzene	1.5508 1.5856	1.1365	1.1851	1.4975	1.5934	Ave		1.4248				14.6		15.0			
Camphene	0.3701 0.6043	0.4171	0.5025	0.5587	0.5998	LinF		0.6032							0.9998		0.9900
Amyl acetate (mixed isomers)	0.3835 0.4540	0.4039	0.3771	0.4012	0.4494	Ave		0.4115				8.0		15.0			
Bromobenzene	0.8237 0.7369	0.6503	0.6344	0.6817	0.7330	Ave		0.7100				9.8		15.0			
N-Propylbenzene	3.6366 3.7948	2.5991	2.7499	3.4138	3.7763	LinF		3.7883							0.9997		0.9900
1,1,2,2-Tetrachloroethane	0.8032 0.8922	0.7589	0.7467	0.7943	0.8831	Ave		0.8131			0.3000	7.6		15.0			
2-Chlorotoluene	2.4892 2.2521	1.7754	1.7950	1.9956	2.1917	Ave		2.0832				13.4		15.0			
1,2,3-Trichloropropane	0.2255 0.2638	0.2216	0.2227	0.2402	0.2632	Ave		0.2395				8.3		15.0			
1,3,5-Trimethylbenzene	2.5954 2.6448	1.7625	1.8940	2.3178	2.5974	LinF		2.6352							0.9996		0.9900
trans-1,4-Dichloro-2-butene	0.2860 0.3677	0.2877	0.2899	0.3095	0.3545	Ave		0.3159				11.5		15.0			
4-Chlorotoluene	2.6878 2.4418	1.9891	1.9206	2.1796	2.3856	Ave		2.2674				12.9		15.0			
tert-Butylbenzene	1.9897 2.2406	1.3452	1.5276	1.9822	2.2195	LinF		2.2351							0.9996		0.9900
1,2,4-Trimethylbenzene	2.7565 2.7709	1.9769	2.0063	2.4076	2.7004	LinF		2.7580							0.9995		0.9900
Butyl Methacrylate	0.6357 +++++	0.7631	0.7507	0.8315	0.9381	Ave		0.7838				14.2		15.0			
sec-Butylbenzene	2.6164 3.3225	1.9531	2.2005	3.0219	3.3891	LinF		3.3283							0.9996		0.9900
1,3-Dichlorobenzene	1.6625 1.4905	1.2243	1.2030	1.3645	1.4643	Ave		1.4015				12.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Isopropyltoluene	2.4927 2.8964	1.7297	1.8946	2.5611	2.8885	LinF		2.8918							0.9996		0.9900
1,4-Dichlorobenzene	1.8363 1.4965	1.3080	1.2597	1.4087	1.5003	Ave		1.4683				14.0		15.0			
2-Octanone	1.1514 1.5825	1.3903	1.2660	1.3869	1.5506	Ave		1.3879				11.8		15.0			
Benzyl chloride	1.3099 1.7675	1.3975	1.3934	1.5706	1.7754	Ave		1.5357				13.1		15.0			
n-Butylbenzene	2.2944 2.6760	1.5748	1.7311	2.4943	2.8132	LinF		2.6933							0.9992		0.9900
1,2-Dichlorobenzene	1.6346 1.4214	1.2539	1.2045	1.3470	1.4247	Ave		1.3810				11.0		15.0			
1,2-Dibromo-3-Chloropropane	0.2067 0.2154	0.1826	0.1812	0.1933	0.2179	Ave		0.1995				8.1		15.0			
1,2,4-Trichlorobenzene	1.1372 1.1778	0.8919	0.8512	1.0239	1.1286	Ave		1.0351				13.2		15.0			
Hexachlorobutadiene	0.3211 0.5199	0.2385	0.2747	0.4364	0.5035	LinF		0.5169							0.9990		0.9900
Camphor	0.0961 0.1240	0.1167	0.1002	0.1100	0.1256	Ave		0.1121				10.9		15.0			
Naphthalene	3.2394 2.6209	2.9125	2.7676	3.0233	3.1924	Ave		2.9594				8.1		15.0			
1,2,3-Trichlorobenzene	1.0691 1.0329	0.9009	0.8192	0.9696	1.0318	Ave		0.9706				9.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2302 0.2551	0.2305	0.2186	0.1810	0.2360	Ave		0.2252				11.0		15.0			
Toluene-d8 (Surr)	0.8804 0.8938	0.8887	0.8619	0.7190	0.9034	Ave		0.8579				8.1		15.0			
4-Bromofluorobenzene	0.6332 0.6445	0.6231	0.6199	0.5060	0.6472	Ave		0.6123				8.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-20360/2	p32025.d
Level 2	IC 460-20360/3	p32027.d
Level 3	ICIS 460-20360/4	p32028.d
Level 4	IC 460-20360/5	p32029.d
Level 5	IC 460-20360/6	p32030.d
Level 6	IC 460-20360/7	p32031.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
2-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
3-Chloro-1-propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dimethylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Methylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dichlorodifluoromethane	FB	LinF	2250 2655271	22730	98070	250827	1073404	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5586 3569433	31517	130874	337824	1441167	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7480 3798243	35474	140851	360320	1516302	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3227 1411774	13255	48561	122558	499306	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4422 1783743	19560	72126	176584	739707	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	LinF	3922 3666540	32544	143737	352491	1525854	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	LinF	4786 4055869	28613	145777	375267	1608939	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	LinF	7782 2587467	24791	92581	240872	1015489	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	2833 1925730	14217	59279	166452	719899	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	11942 8536237	55817	263415	708961	3228127	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	LinF	2212 2244297	12731	72870	195470	862771	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	2911 258601	12442	23615	61045	127051	4.00 400	20.0	40.0	100	200
Isopropyl alcohol	FB	Ave	509270 3541717	1044267	1644663	2239864	2911922	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	5036 2533048	23105	85527	231361	974426	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	8108 356359	12917	14643	36808	142380	10.0 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4435 2422530	19080	75731	213670	912924	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	2025 1088963	9656	36439	95615	424504	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	2596 2524613	16548	88514	229418	999851	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	14350 8798425	75495	306813	784227	3381568	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	13798 8642790	77968	275093	738261	3298871	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	4162 2060220	16563	62279	174162	823477	20.0 10000	100	400	1000	4000
Isopropyl ether	FB	Ave	20719 11310147	99005	409373	1055973	4421831	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	10673 5172596	43254	173803	471417	1997030	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	5427 624679	29175	55055	142957	301712	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	15995 9836247	83095	340143	879302	3762890	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	7944 3903081	38790	164303	418877	1687154	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5450 2584241	22684	88243	231352	988770	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	6564 3690264	29177	118171	335882	1426832	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	5039 5369555	33342	178382	472707	2055495	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	2175 1223031	10515	41163	108715	466488	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	8307 4461658	37989	146445	394343	1703949	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	LinF	4039 3243562	19666	91661	273912	1210997	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	1097 781386	6274	24719	64397	295983	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	3988 1976324	16983	63081	172859	751425	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6153 3879377	26767	117270	341837	1467386	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5777 3734442	25666	115573	331961	1438159	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	7900 597797	12877	19938	52544	226359	10.0 500	15.0	20.0	50.0	200
n-Heptane	FB	LinF	2104 2148444	12715	64306	181195	823248	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	21029 11041519	91176	360324	971374	4155040	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	11254 8620517	65208	277346	743608	3257837	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	7753 3940481	35820	137565	359313	1517749	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	20892 15860563	121455	490429	1339685	6020472	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	LinF	4080 4738817	26277	152629	408810	1808845	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	5894 2748673	21555	84010	232047	1010792	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2931 1674881	14319	54849	147782	634158	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	QuaF	49746 561449	115759	185178	293650	429258	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	5851 3104787	26188	104020	278266	1174749	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	6438 3692216	29082	114449	312751	1375275	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	7047 4938662	41035	154924	411029	1840297	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1245 847314	6028	26763	72688	322494	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	70490 527830	152996	229253	309152	421235	1000 6000	2000	3000	4000	5000
n-Propyl acetate	FB	Ave	16824 12320605	98500	391473	1052770	4692152	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloroethyl vinyl ether	FB	Ave	3290 2472606	19342	77242	206625	927966	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	8169 4806935	35987	150036	408630	1792444	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	LinF	26360 11662021	96694	368449	1014800	4390453	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	11883 8638576	70238	273971	739354	3296251	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	4322 2779300	17683	76393	229519	1038602	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	56375 4403343	91019	126474	351652	1622617	10.0 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	6985 4721781	33674	139594	392494	1747788	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3795 2214573	17978	70969	189776	821141	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	4067 2822570	20016	81452	225809	1030756	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	8102 4781623	38830	153491	416260	1793684	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	4341 2650852	21230	81693	223694	982296	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	2479 1877829	14312	56014	154617	698062	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	45270 3127525	74705	103512	282261	1201813	10.0 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	13696 7320548	54603	224009	619004	2716477	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	7966 4130361	27738	117681	343304	1518991	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4115 2619909	18425	76008	210288	952628	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	17952 10300771	69566	289234	845554	3778942	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	8593 4821628	33891	139653	404678	1795121	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2447 +++++	13192	53434	157868	758143	1.00 +++++	5.00	20.0	50.0	200
Styrene	CBZ	Ave	14805 8550694	59709	251825	713988	3145508	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	2756 2471352	18010	70816	201565	917074	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	CBZ	Ave	20146 12413312	74551	330828	1038676	4674322	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	LinF	4808 4730644	27359	140264	387492	1759559	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	2754 1943474	14912	57784	158896	727654	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	5915 3154387	24007	97219	269992	1186998	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	LinF	26114 16244730	95946	421386	1352072	6114873	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5768 3819087	28014	114425	314609	1429940	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	17875 9640614	65540	275055	790369	3548869	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1619 1129358	8180	34118	95130	426122	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	LinF	18637 11321695	65064	290231	917980	4205815	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	2054 1573998	10622	44416	122574	574105	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	19301 10452615	73428	294310	863258	3862944	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	LinF	14288 9591553	49658	234082	785090	3593964	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	LinF	19794 11861534	72977	307438	953564	4372636	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	4565 +++++	28170	115035	329334	1519072	1.00 +++++	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	LinF	18788 14222672	72099	337196	1196876	5487858	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	11938 6380542	45197	184345	540443	2371108	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	LinF	17900 12398790	63853	290327	1014368	4677306	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	13186 6406340	48287	193027	557937	2429348	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	8268 6774100	51324	193995	549292	2510797	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	9406 7566018	51589	213523	622062	2874803	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	LinF	16476 11455251	58133	265264	987917	4555335	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 20360

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2009 20:38 Calibration End Date: 10/21/2009 23:10 Calibration ID: 3598

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichlorobenzene	DCB	Ave	11738 6084810	46288	184573	533511	2306995	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1484 921958	6742	27773	76556	352860	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	8166 5041714	32924	130436	405534	1827576	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	LinF	2306 2225579	8806	42091	172837	815288	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	3450 2654888	21548	76750	217924	1016990	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	23262 11219510	107518	424089	1197428	5169292	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	7677 4421423	33257	125526	384028	1670755	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	219615 265529	222613	221768	180026	237609	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	571869 699746	582951	601470	498696	662560	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	227365 275911	230029	237466	200418	261979	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32025.d
Report Date: 22-Oct-2009 01:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32025.d
Lab Smp Id: IC-VM8CAL1
Inj Date : 21-OCT-2009 20:38
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL1
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/8260_09.m
Meth Date : 22-Oct-2009 01:21 ken Quant Type: ISTD
Cal Date : 21-OCT-2009 20:38 Cal File: p32025.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.737	(0.226)	2250	1.00000	1.0
3 Chloromethane	50	0.859	0.866	(0.266)	7480	1.00000	1.0
4 Vinyl Chloride	62	0.852	0.852	(0.264)	5586	1.00000	1.0
6 Bromomethane	94	0.981	0.981	(0.304)	3227	1.00000	1.0
5 Chloroethane	64	1.031	1.031	(0.319)	4422	1.00000	1.0
7 Trichlorofluoromethane	101	1.081	1.088	(0.335)	3922	1.00000	1.0
10 Isoprene	67	1.217	1.217	(0.377)	4786	1.00000	1.0
11 Ethyl Ether	59	1.232	1.232	(0.381)	7782	1.00000	1.0
13 Acrolein	56	1.482	1.482	(0.459)	2911	4.00000	4.0
15 1,1-Dichloroethene	96	1.318	1.310	(0.408)	2833	1.00000	1.0
14 Freon TF	101	1.339	1.332	(0.415)	2212	1.00000	1.0
16 Acetone	58	1.640	1.640	(0.508)	8108	10.0000	10
18 Carbon Disulfide	76	1.325	1.325	(0.410)	11942	1.00000	1.0
19 Isopropanol	45	1.590	1.597	(0.492)	509270	1000.00	1000
21 Acetonitrile	39	1.883	1.883	(0.583)	4162	20.0000	20
27 Methyl Acetate	74	1.697	1.697	(0.525)	2025	1.00000	1.0

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32025.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.604	1.604	(0.497)	5036	1.00000	1.0
	24 TBA	59	1.826	1.826	(0.565)	13798	20.0000	20
	25 trans-1,2-Dichloroethene	96	1.676	1.676	(0.519)	4435	1.00000	1.0
	26 Acrylonitrile	53	2.055	2.055	(0.636)	5427	2.00000	2.0
	28 MTBE	73	1.747	1.747	(0.541)	14350	1.00000	1.0
	29 Hexane	56	1.719	1.712	(0.532)	2596	1.00000	1.0
	30 1,1-Dichloroethane	63	2.012	2.012	(0.623)	10673	1.00000	1.0
	31 Vinyl Acetate	43	2.177	2.177	(0.674)	7944	1.00000	1.0
	32 DIPE	45	1.955	1.955	(0.605)	20719	1.00000	1.0
	34 n-Propanol	60	2.234	2.242	(0.692)	26014	1000.00	1000
	35 t-Butyl-ethyl-ether	59	2.170	2.170	(0.672)	15995	1.00000	1.0
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	6564	1.00000	1.0
	36 cis-1,2-Dichloroethene	96	2.335	2.335	(0.723)	5450	1.00000	1.0
	38 2-Butanone	72	2.750	2.750	(0.851)	7900	10.0000	10
	39 Ethyl Acetate	70	2.628	2.628	(0.814)	1097	2.00000	2.0
	40 Bromochloromethane	128	2.464	2.464	(0.763)	2175	1.00000	1.0
	41 Tetrahydrofuran	42	2.628	2.628	(0.814)	3988	1.00000	1.0
	42 Chloroform	83	2.514	2.521	(0.778)	8307	1.00000	1.0
	43 1,1,1-Trichloroethane	97	2.636	2.643	(0.816)	6153	1.00000	1.0
	44 Cyclohexane	56	2.449	2.449	(0.758)	5039	1.00000	1.0
	45 Carbon Tetrachloride	117	2.593	2.593	(0.803)	4039	1.00000	1.0
	46 1,1-Dichloropropene	75	2.729	2.729	(0.845)	5777	1.00000	1.0
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.015	(0.933)	219615	50.0000	50
	48 Benzene	78	2.908	2.908	(0.448)	21029	1.00000	1.0
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	7753	1.00000	1.0
	51 n-Heptane	57	2.893	2.893	(0.896)	2104	1.00000	1.0(a)
	50 t-Amyl-methyl-ether	73	3.022	3.022	(0.936)	11254	1.00000	1.0
	61 Isopropyl Acetate	43	3.323	3.316	(1.029)	20892	2.00000	2.0
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	954213	50.0000	
	54 Trichloroethene	95	3.366	3.366	(1.042)	5894	1.00000	1.0
	53 n-Butanol	56	3.767	3.767	(1.166)	49746	500.000	500
	56 Methyl cyclohexane	83	3.345	3.338	(1.035)	4080	1.00000	1.0
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	7047	1.00000	1.0
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	5851	1.00000	1.0
	58 Dibromomethane	93	3.717	3.717	(1.151)	2931	1.00000	1.0
	60 1,4-Dioxane	88	4.104	4.097	(1.271)	70490	1000.00	1000
	59 Methyl Methacrylate	100	4.090	4.090	(1.266)	1245	1.00000	1.0
	75 Propyl Acetate	43	4.247	4.240	(1.315)	16824	2.00000	2.0
	68 Bromodichloromethane	83	3.889	3.889	(1.204)	6438	1.00000	1.0
	62 2-Chloroethyl Vinyl Ether	63	4.491	4.491	(1.390)	3290	1.00000	1.0
	63 Epichlorohydrin	57	4.792	4.792	(0.738)	11883	20.0000	20
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	8169	1.00000	1.0
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.804)	56375	10.0000	10
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.722)	571869	50.0000	50
	66 Toluene	91	4.741	4.741	(0.730)	26360	1.00000	1.0
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.806)	6985	1.00000	1.0
	69 1,1,2-Trichloroethane	83	5.400	5.408	(0.831)	3795	1.00000	1.0

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32025.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	5.143	5.143	(0.792)	4322	1.00000	1.0
	72 1,3-Dichloropropane	76	5.708	5.708	(0.879)	8102	1.00000	1.0
	73 2-Hexanone	43	6.260	6.253	(0.964)	45270	10.0000	10
	74 Dibromochloromethane	129	5.587	5.587	(0.860)	4067	1.00000	1.0
	76 Butyl Acetate	73	6.196	6.196	(0.954)	2479	2.00000	2.0
	77 1,2-Dibromoethane	107	5.823	5.823	(0.896)	4341	1.00000	1.0
*	78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	649540	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.003)	13696	1.00000	1.0
	80 1,1,1,2-Tetrachloroethane	131	6.633	6.633	(1.021)	4115	1.00000	1.0
	81 Ethylbenzene	106	6.604	6.604	(1.017)	7966	1.00000	1.0
	82 m+p-Xylene	106	6.819	6.819	(1.050)	17952	2.00000	2.0
	84 o-Xylene	106	7.392	7.392	(1.138)	8593	1.00000	1.0
	85 Styrene	104	7.485	7.485	(1.152)	14805	1.00000	1.0
	83 Butyl Acrylate	73	7.836	7.829	(1.206)	2756	1.00000	1.0
	86 Bromoform	173	7.449	7.449	(1.147)	2447	1.00000	1.0
	87 Amyl Acetate	43	8.251	8.244	(0.853)	2754	1.00000	1.0
	88 Isopropylbenzene	105	7.879	7.879	(1.213)	20146	1.00000	1.0
$	89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	227365	50.0000	50
	90 Camphene (total)	93	7.965	7.972	(1.226)	4808	1.00000	1.0
	91 Bromobenzene	156	8.337	8.337	(0.862)	5915	1.00000	1.0
	92 1,1,2,2-Tetrachloroethane	83	8.660	8.652	(0.896)	5768	1.00000	1.0
	93 1,2,3-Trichloropropane	110	8.767	8.767	(0.907)	1619	1.00000	1.0
	94 trans-1,4-Dichloro-2-butene	53	8.889	8.882	(0.919)	2054	1.00000	1.0
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	26114	1.00000	1.0
	96 2-Chlorotoluene	91	8.660	8.652	(0.896)	17875	1.00000	1.0
	97 1,3,5-Trimethylbenzene	105	8.824	8.824	(0.913)	18637	1.00000	1.0
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	19301	1.00000	1.0
	99 Butyl Methacrylate	87	9.311	9.311	(0.963)	4565	1.00000	1.0
	100 tert-Butylbenzene	119	9.197	9.197	(0.951)	14288	1.00000	1.0
	101 1,2,4-Trimethylbenzene	105	9.290	9.290	(0.961)	19794	1.00000	1.0
	102 2-Octanone	43	9.920	9.920	(1.026)	8268	1.00000	1.0
	103 sec-Butylbenzene	105	9.412	9.405	(0.973)	18788	1.00000	1.0
	105 1,3-Dichlorobenzene	146	9.576	9.577	(0.990)	11938	1.00000	1.0
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	17900	1.00000	1.0
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	359045	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	13186	1.00000	1.0
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	9406	1.00000	1.0
	106 n-Butylbenzene	91	10.028	10.021	(1.037)	16476	1.00000	1.0
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	11738	1.00000	1.0
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	1484	1.00000	1.0
	113 Camphor	95	11.611	11.611	(1.201)	3450	5.00000	5.0
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	8166	1.00000	1.0
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	2306	1.00000	1.0
	116 Naphthalene	128	11.632	11.632	(1.203)	23262	1.00000	1.0
	117 1,2,3-Trichlorobenzene	180	11.776	11.776	(1.218)	7677	1.00000	1.0
M	120 1,2-Dichloroethene (Total)	100				9885	2.00000	2.0
M	121 Xylene (Total)	100				26545	3.00000	3.0

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32025.d
Report Date: 22-Oct-2009 01:21

QC Flag Legend

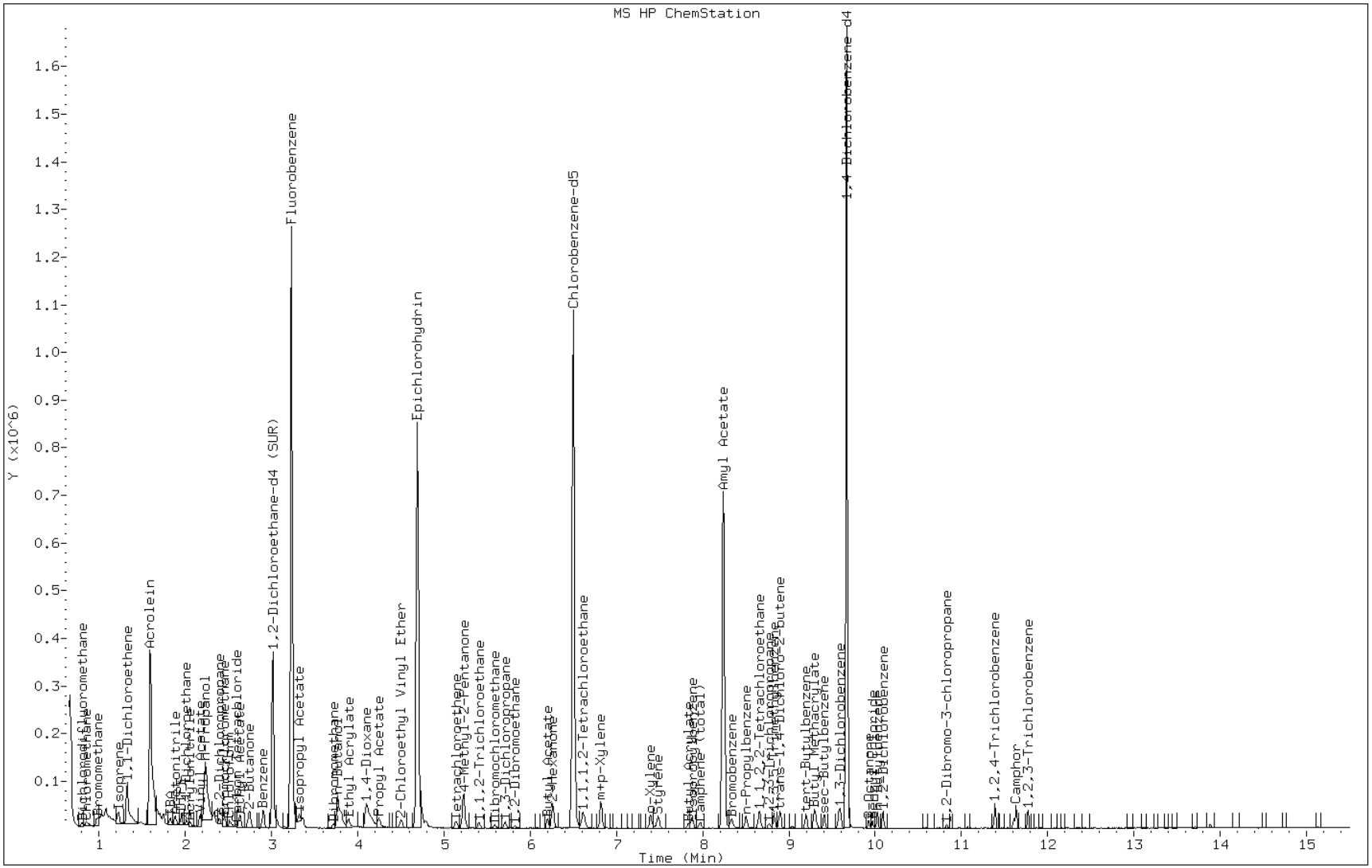
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p32025.d

Date: 21-OCT-2009 20:38

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL1 Operator:



Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32027.d
Report Date: 22-Oct-2009 01:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32027.d
Lab Smp Id: IC-VM8CAL2
Inj Date : 21-OCT-2009 21:29
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL2
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/8260_09.m
Meth Date : 22-Oct-2009 01:21 ken Quant Type: ISTD
Cal Date : 21-OCT-2009 21:29 Cal File: p32027.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.737	0.737	(0.228)	22730	5.00000	5.0
3 Chloromethane	50	0.866	0.866	(0.268)	35474	5.00000	4.8
4 Vinyl Chloride	62	0.852	0.852	(0.264)	31517	5.00000	5.3
6 Bromomethane	94	0.981	0.981	(0.304)	13255	5.00000	4.5
5 Chloroethane	64	1.031	1.031	(0.319)	19560	5.00000	4.7
7 Trichlorofluoromethane	101	1.081	1.088	(0.335)	32544	5.00000	5.0
10 Isoprene	67	1.210	1.217	(0.375)	28613	5.00000	5.0
11 Ethyl Ether	59	1.232	1.232	(0.381)	24791	5.00000	4.8
13 Acrolein	56	1.482	1.482	(0.459)	12442	20.0000	18
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	14217	5.00000	5.0
14 Freon TF	101	1.332	1.332	(0.412)	12731	5.00000	5.0
16 Acetone	58	1.640	1.640	(0.508)	12917	15.0000	15
18 Carbon Disulfide	76	1.325	1.325	(0.410)	55817	5.00000	4.8
19 Isopropanol	45	1.597	1.597	(0.494)	1044267	2000.00	2000
21 Acetonitrile	39	1.883	1.883	(0.583)	16563	100.000	88
27 Methyl Acetate	74	1.697	1.697	(0.525)	9656	5.00000	4.8

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32027.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.597	1.604	(0.494)	23105	5.00000	4.8
	24 TBA	59	1.826	1.826	(0.565)	77968	100.000	100
	25 trans-1,2-Dichloroethene	96	1.676	1.676	(0.519)	19080	5.00000	4.6
	26 Acrylonitrile	53	2.055	2.055	(0.636)	29175	10.0000	10
	28 MTBE	73	1.747	1.747	(0.541)	75495	5.00000	5.1
	29 Hexane	56	1.712	1.712	(0.530)	16548	5.00000	5.0
	30 1,1-Dichloroethane	63	2.012	2.012	(0.623)	43254	5.00000	4.4
	31 Vinyl Acetate	43	2.177	2.177	(0.674)	38790	5.00000	4.9
	32 DIPE	45	1.955	1.955	(0.605)	99005	5.00000	4.8
	34 n-Propanol	60	2.242	2.242	(0.694)	50407	2000.00	2000
	35 t-Butyl-ethyl-ether	59	2.170	2.170	(0.672)	83095	5.00000	5.1
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	29177	5.00000	4.7
	36 cis-1,2-Dichloroethene	96	2.335	2.335	(0.723)	22684	5.00000	4.5
	38 2-Butanone	72	2.750	2.750	(0.851)	12877	15.0000	16
	39 Ethyl Acetate	70	2.628	2.628	(0.814)	6274	10.0000	11
	40 Bromochloromethane	128	2.464	2.464	(0.763)	10515	5.00000	4.9
	41 Tetrahydrofuran	42	2.628	2.628	(0.814)	16983	5.00000	4.6
	42 Chloroform	83	2.514	2.521	(0.778)	37989	5.00000	4.7
	43 1,1,1-Trichloroethane	97	2.636	2.643	(0.816)	26767	5.00000	4.6
	44 Cyclohexane	56	2.442	2.449	(0.756)	33342	5.00000	5.0
	45 Carbon Tetrachloride	117	2.593	2.593	(0.803)	19666	5.00000	5.0(H)
	46 1,1-Dichloropropene	75	2.729	2.729	(0.845)	25666	5.00000	4.7
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.015	(0.933)	222613	50.0000	50
	48 Benzene	78	2.908	2.908	(0.448)	91176	5.00000	4.6
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	35820	5.00000	4.8
	51 n-Heptane	57	2.893	2.893	(0.896)	12715	5.00000	5.0
	50 t-Amyl-methyl-ether	73	3.022	3.022	(0.936)	65208	5.00000	5.3
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	121455	10.0000	11
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	965721	50.0000	
	54 Trichloroethene	95	3.366	3.366	(1.042)	21555	5.00000	4.2
	53 n-Butanol	56	3.767	3.767	(1.166)	115759	1000.00	1000
	56 Methyl cyclohexane	83	3.338	3.338	(1.033)	26277	5.00000	5.0
	55 Ethyl Acrylate	55	3.903	3.896	(1.208)	41035	5.00000	5.4
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	26188	5.00000	4.7
	58 Dibromomethane	93	3.717	3.717	(1.151)	14319	5.00000	4.9
	60 1,4-Dioxane	88	4.104	4.097	(1.271)	152996	2000.00	2100
	59 Methyl Methacrylate	100	4.090	4.090	(1.266)	6028	5.00000	4.9
	75 Propyl Acetate	43	4.247	4.240	(1.315)	98500	10.0000	11
	68 Bromodichloromethane	83	3.889	3.889	(1.204)	29082	5.00000	4.7
	62 2-Chloroethyl Vinyl Ether	63	4.484	4.491	(1.388)	19342	5.00000	5.4
	63 Epichlorohydrin	57	4.792	4.792	(0.738)	70238	100.000	110
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	35987	5.00000	4.6
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.804)	91019	15.0000	15
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.722)	582951	50.0000	50
	66 Toluene	91	4.741	4.741	(0.730)	96694	5.00000	4.9
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.806)	33674	5.00000	4.9
	69 1,1,2-Trichloroethane	83	5.408	5.408	(0.832)	17978	5.00000	4.8

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32027.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	5.143	5.143	(0.792)	17683	5.00000	4.5
	72 1,3-Dichloropropane	76	5.708	5.708	(0.879)	38830	5.00000	4.9
	73 2-Hexanone	43	6.260	6.253	(0.964)	74705	15.0000	16
	74 Dibromochloromethane	129	5.587	5.587	(0.860)	20016	5.00000	4.9
	76 Butyl Acetate	73	6.203	6.196	(0.955)	14312	10.0000	11
	77 1,2-Dibromoethane	107	5.823	5.823	(0.896)	21230	5.00000	4.9
*	78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	655981	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.003)	54603	5.00000	4.4
	80 1,1,1,2-Tetrachloroethane	131	6.633	6.633	(1.021)	18425	5.00000	4.7
	81 Ethylbenzene	106	6.604	6.604	(1.017)	27738	5.00000	4.1
	82 m+p-Xylene	106	6.819	6.819	(1.050)	69566	10.0000	8.7
	84 o-Xylene	106	7.392	7.392	(1.138)	33891	5.00000	4.4
	85 Styrene	104	7.485	7.485	(1.152)	59709	5.00000	4.4
	83 Butyl Acrylate	73	7.836	7.829	(1.206)	18010	5.00000	5.6
	86 Bromoform	173	7.456	7.449	(1.148)	13192	5.00000	5.2
	87 Amyl Acetate	43	8.244	8.244	(0.853)	14912	5.00000	5.1
	88 Isopropylbenzene	105	7.879	7.879	(1.213)	74551	5.00000	4.2
$	89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	230029	50.0000	50
	90 Camphene (total)	93	7.972	7.972	(1.227)	27359	5.00000	5.0
	91 Bromobenzene	156	8.337	8.337	(0.862)	24007	5.00000	4.4
	92 1,1,2,2-Tetrachloroethane	83	8.660	8.652	(0.896)	28014	5.00000	4.8
	93 1,2,3-Trichloropropane	110	8.774	8.767	(0.907)	8180	5.00000	5.0
	94 trans-1,4-Dichloro-2-butene	53	8.889	8.882	(0.919)	10622	5.00000	5.0
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	95946	5.00000	4.9
	96 2-Chlorotoluene	91	8.660	8.652	(0.896)	65540	5.00000	4.2
	97 1,3,5-Trimethylbenzene	105	8.824	8.824	(0.913)	65064	5.00000	4.9
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	73428	5.00000	4.2
	99 Butyl Methacrylate	87	9.311	9.311	(0.963)	28170	5.00000	5.4
	100 tert-Butylbenzene	119	9.197	9.197	(0.951)	49658	5.00000	4.9
	101 1,2,4-Trimethylbenzene	105	9.290	9.290	(0.961)	72977	5.00000	4.9
	102 2-Octanone	43	9.920	9.920	(1.026)	51324	5.00000	5.5
	103 sec-Butylbenzene	105	9.405	9.405	(0.973)	72099	5.00000	4.9
	105 1,3-Dichlorobenzene	146	9.577	9.577	(0.990)	45197	5.00000	4.2
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	63853	5.00000	4.9
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	369156	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	48287	5.00000	4.2
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	51589	5.00000	5.2
	106 n-Butylbenzene	91	10.028	10.021	(1.037)	58133	5.00000	4.9
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	46288	5.00000	4.3
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	6742	5.00000	4.7
	113 Camphor	95	11.611	11.611	(1.201)	21548	25.0000	27
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	32924	5.00000	4.4
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	8806	5.00000	4.9
	116 Naphthalene	128	11.632	11.632	(1.203)	107518	5.00000	4.7
	117 1,2,3-Trichlorobenzene	180	11.776	11.776	(1.218)	33257	5.00000	4.6
M	120 1,2-Dichloroethene (Total)	100				41764	10.0000	9.1
M	121 Xylene (Total)	100				103457	15.0000	13

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32027.d
Report Date: 22-Oct-2009 01:21

QC Flag Legend

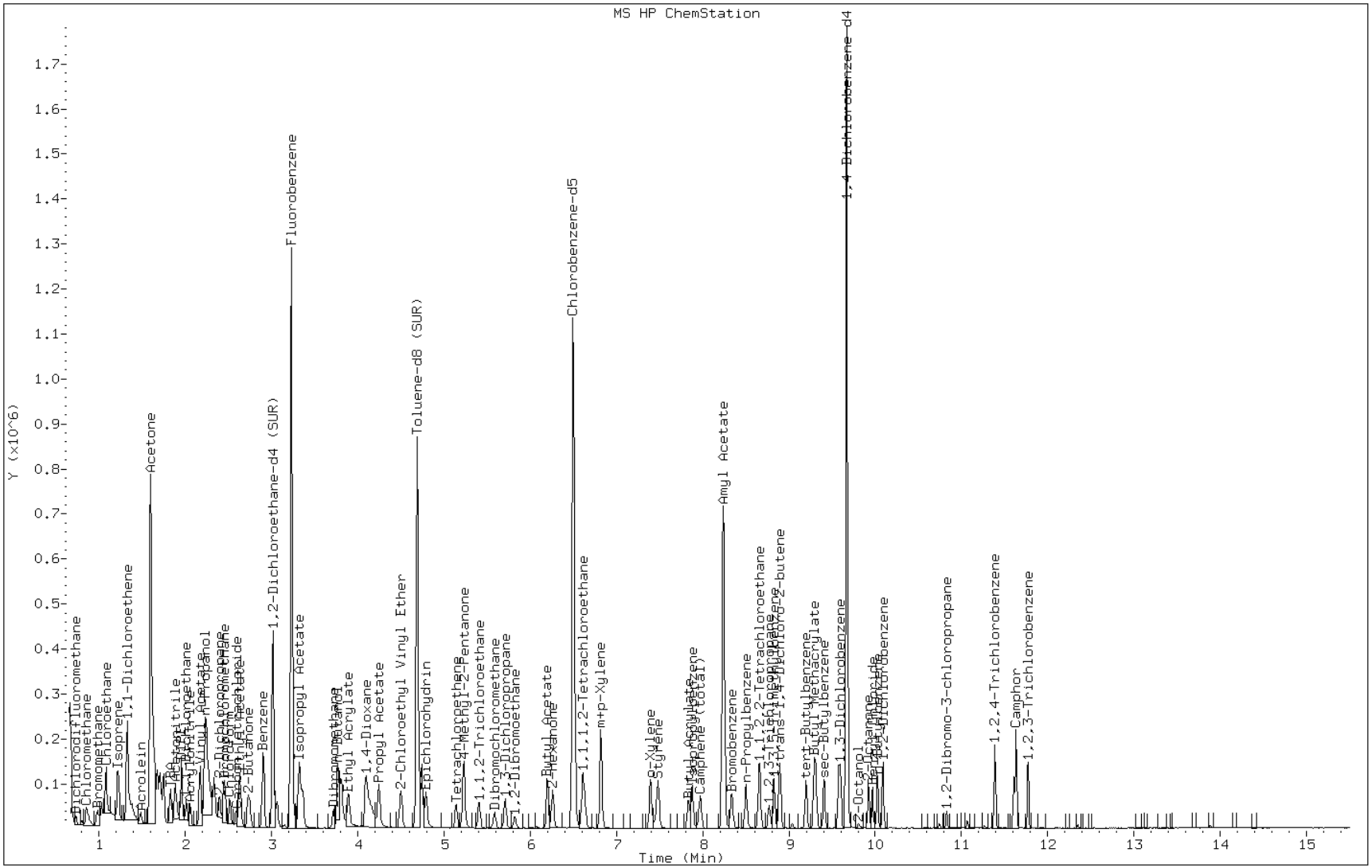
H - Operator selected an alternate compound hit.

Data File: p32027.d

Date: 21-OCT-2009 21:29

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL2 Operator:



Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32028.d
Report Date: 22-Oct-2009 01:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32028.d
Lab Smp Id: ICIS-VM8CAL3
Inj Date : 21-OCT-2009 21:54
Operator : Inst ID: VOAMS13.i
Smp Info : ICIS-VM8CAL3
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/8260_09.m
Meth Date : 22-Oct-2009 01:21 ken Quant Type: ISTD
Cal Date : 21-OCT-2009 21:54 Cal File: p32028.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.737	0.737	(0.228)	98070	20.0000	20
3 Chloromethane	50	0.866	0.866	(0.268)	140851	20.0000	19
4 Vinyl Chloride	62	0.852	0.852	(0.264)	130874	20.0000	20
6 Bromomethane	94	0.981	0.981	(0.304)	48561	20.0000	17
5 Chloroethane	64	1.031	1.031	(0.319)	72126	20.0000	17
7 Trichlorofluoromethane	101	1.088	1.088	(0.337)	143737	20.0000	20
10 Isoprene	67	1.217	1.217	(0.377)	145777	20.0000	20
11 Ethyl Ether	59	1.232	1.232	(0.381)	92581	20.0000	20
13 Acrolein	56	1.482	1.482	(0.459)	23615	40.0000	35
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	59279	20.0000	20
14 Freon TF	101	1.332	1.332	(0.412)	72870	20.0000	20
16 Acetone	58	1.640	1.640	(0.508)	14643	20.0000	18
18 Carbon Disulfide	76	1.325	1.325	(0.410)	263415	20.0000	21
19 Isopropanol	45	1.597	1.597	(0.494)	1644663	3000.00	3000
21 Acetonitrile	39	1.883	1.883	(0.583)	62279	400.000	340
27 Methyl Acetate	74	1.697	1.697	(0.525)	36439	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32028.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.604	1.604	(0.497)	85527	20.0000	18
	24 TBA	59	1.826	1.826	(0.565)	275093	400.000	370
	25 trans-1,2-Dichloroethene	96	1.676	1.676	(0.519)	75731	20.0000	18
	26 Acrylonitrile	53	2.055	2.055	(0.636)	55055	20.0000	19
	28 MTBE	73	1.747	1.747	(0.541)	306813	20.0000	20
	29 Hexane	56	1.712	1.712	(0.530)	88514	20.0000	20
	30 1,1-Dichloroethane	63	2.012	2.012	(0.623)	173803	20.0000	18
	31 Vinyl Acetate	43	2.177	2.177	(0.674)	164303	20.0000	20
	32 DIPE	45	1.955	1.955	(0.605)	409373	20.0000	19
	34 n-Propanol	60	2.242	2.242	(0.694)	59669	3000.00	2400
	35 t-Butyl-ethyl-ether	59	2.170	2.170	(0.672)	340143	20.0000	20
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	118171	20.0000	19
	36 cis-1,2-Dichloroethene	96	2.335	2.335	(0.723)	88243	20.0000	18
	38 2-Butanone	72	2.750	2.750	(0.851)	19938	20.0000	22
	39 Ethyl Acetate	70	2.628	2.628	(0.814)	24719	40.0000	40
	40 Bromochloromethane	128	2.464	2.464	(0.763)	41163	20.0000	19
	41 Tetrahydrofuran	42	2.628	2.628	(0.814)	63081	20.0000	17
	42 Chloroform	83	2.521	2.521	(0.780)	146445	20.0000	18
	43 1,1,1-Trichloroethane	97	2.643	2.643	(0.818)	117270	20.0000	20
	44 Cyclohexane	56	2.449	2.449	(0.758)	178382	20.0000	20
	45 Carbon Tetrachloride	117	2.593	2.593	(0.803)	91661	20.0000	20
	46 1,1-Dichloropropene	75	2.729	2.729	(0.845)	115573	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.015	(0.933)	221768	50.0000	48
	48 Benzene	78	2.908	2.908	(0.448)	360324	20.0000	18
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	137565	20.0000	18
	51 n-Heptane	57	2.893	2.893	(0.896)	64306	20.0000	20
	50 t-Amyl-methyl-ether	73	3.022	3.022	(0.936)	277346	20.0000	21
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	490429	40.0000	41
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	1014338	50.0000	
	54 Trichloroethene	95	3.366	3.366	(1.042)	84010	20.0000	17
	53 n-Butanol	56	3.767	3.767	(1.166)	185178	1500.00	1500
	56 Methyl cyclohexane	83	3.338	3.338	(1.033)	152629	20.0000	20
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	154924	20.0000	19
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	104020	20.0000	18
	58 Dibromomethane	93	3.717	3.717	(1.151)	54849	20.0000	18
	60 1,4-Dioxane	88	4.097	4.097	(1.268)	229253	3000.00	3000
	59 Methyl Methacrylate	100	4.090	4.090	(1.266)	26763	20.0000	20
	75 Propyl Acetate	43	4.240	4.240	(1.313)	391473	40.0000	40
	68 Bromodichloromethane	83	3.889	3.889	(1.204)	114449	20.0000	18
	62 2-Chloroethyl Vinyl Ether	63	4.491	4.491	(1.390)	77242	20.0000	20
	63 Epichlorohydrin	57	4.792	4.792	(0.738)	273971	400.000	400
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	150036	20.0000	19
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.804)	126474	20.0000	20
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.722)	601470	50.0000	49
	66 Toluene	91	4.741	4.741	(0.730)	368449	20.0000	20
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.806)	139594	20.0000	19
	69 1,1,2-Trichloroethane	83	5.408	5.408	(0.832)	70969	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32028.d
Report Date: 22-Oct-2009 01:21

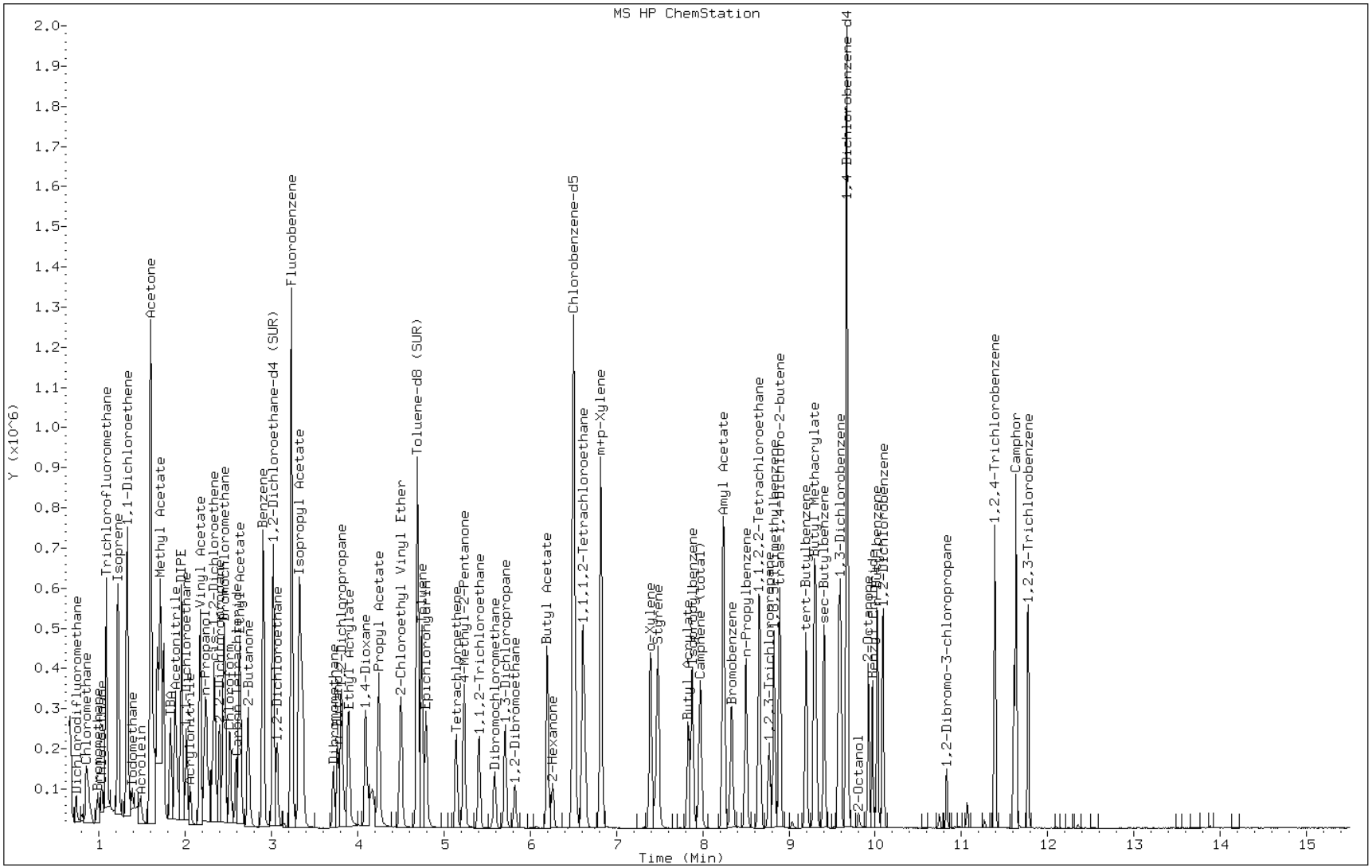
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	5.143	5.143	(0.792)	76393	20.0000	19
	72 1,3-Dichloropropane	76	5.708	5.708	(0.879)	153491	20.0000	19
	73 2-Hexanone	43	6.253	6.253	(0.962)	103512	20.0000	20
	74 Dibromochloromethane	129	5.587	5.587	(0.860)	81452	20.0000	19
	76 Butyl Acetate	73	6.196	6.196	(0.954)	56014	40.0000	39
	77 1,2-Dibromoethane	107	5.823	5.823	(0.896)	81693	20.0000	18
*	78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	697869	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.003)	224009	20.0000	18
	80 1,1,1,2-Tetrachloroethane	131	6.633	6.633	(1.021)	76008	20.0000	19
	81 Ethylbenzene	106	6.604	6.604	(1.017)	117681	20.0000	17
	82 m+p-Xylene	106	6.819	6.819	(1.050)	289234	40.0000	36
	84 o-Xylene	106	7.392	7.392	(1.138)	139653	20.0000	18
	85 Styrene	104	7.485	7.485	(1.152)	251825	20.0000	18
	83 Butyl Acrylate	73	7.829	7.829	(1.205)	70816	20.0000	20
	86 Bromoform	173	7.449	7.449	(1.147)	53434	20.0000	20
	87 Amyl Acetate	43	8.244	8.244	(0.853)	57784	20.0000	19
	88 Isopropylbenzene	105	7.879	7.879	(1.213)	330828	20.0000	18
$	89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	237466	50.0000	50
	90 Camphene (total)	93	7.972	7.972	(1.227)	140264	20.0000	20
	91 Bromobenzene	156	8.337	8.337	(0.862)	97219	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	8.652	8.652	(0.895)	114425	20.0000	19
	93 1,2,3-Trichloropropane	110	8.767	8.767	(0.907)	34118	20.0000	20
	94 trans-1,4-Dichloro-2-butene	53	8.882	8.882	(0.918)	44416	20.0000	20
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	421386	20.0000	20
	96 2-Chlorotoluene	91	8.652	8.652	(0.895)	275055	20.0000	18
	97 1,3,5-Trimethylbenzene	105	8.824	8.824	(0.913)	290231	20.0000	20
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	294310	20.0000	17
	99 Butyl Methacrylate	87	9.311	9.311	(0.963)	115035	20.0000	21
	100 tert-Butylbenzene	119	9.197	9.197	(0.951)	234082	20.0000	20
	101 1,2,4-Trimethylbenzene	105	9.290	9.290	(0.961)	307438	20.0000	20
	102 2-Octanone	43	9.920	9.920	(1.026)	193995	20.0000	20
	103 sec-Butylbenzene	105	9.405	9.405	(0.973)	337196	20.0000	20
	105 1,3-Dichlorobenzene	146	9.577	9.577	(0.990)	184345	20.0000	18
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	290327	20.0000	20
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	383088	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	193027	20.0000	17
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	213523	20.0000	20
	106 n-Butylbenzene	91	10.021	10.021	(1.036)	265264	20.0000	20
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	184573	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	27773	20.0000	19
	113 Camphor	95	11.611	11.611	(1.201)	76750	100.000	96
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	130436	20.0000	18
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	42091	20.0000	20
	116 Naphthalene	128	11.632	11.632	(1.203)	424089	20.0000	19
	117 1,2,3-Trichlorobenzene	180	11.776	11.776	(1.218)	125526	20.0000	18
M	120 1,2-Dichloroethene (Total)	100				163974	40.0000	36
M	121 Xylene (Total)	100				428887	60.0000	54

Data File: p32028.d

Date: 21-OCT-2009 21:54

Client ID: Instrument: VOAMS13.i

Sample Info: ICIS-VM8CAL3 Operator:



Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32029.d
Report Date: 22-Oct-2009 01:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32029.d
Lab Smp Id: IC-VM8CAL4
Inj Date : 21-OCT-2009 22:19
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL4
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/8260_09.m
Meth Date : 22-Oct-2009 01:21 ken Quant Type: ISTD
Cal Date : 21-OCT-2009 22:19 Cal File: p32029.d
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.737	0.737	(0.228)	250827	50.0000	50
3 Chloromethane	50	0.866	0.866	(0.268)	360320	50.0000	49
4 Vinyl Chloride	62	0.852	0.852	(0.264)	337824	50.0000	53
6 Bromomethane	94	0.981	0.981	(0.304)	122558	50.0000	45
5 Chloroethane	64	1.031	1.031	(0.319)	176584	50.0000	45
7 Trichlorofluoromethane	101	1.088	1.088	(0.337)	352491	50.0000	50
10 Isoprene	67	1.217	1.217	(0.377)	375267	50.0000	50
11 Ethyl Ether	59	1.232	1.232	(0.381)	240872	50.0000	50
13 Acrolein	56	1.482	1.482	(0.459)	61045	100.000	94
15 1,1-Dichloroethene	96	1.317	1.310	(0.408)	166452	50.0000	55
14 Freon TF	101	1.332	1.332	(0.412)	195470	50.0000	51
16 Acetone	58	1.640	1.640	(0.508)	36808	50.0000	46
18 Carbon Disulfide	76	1.325	1.325	(0.410)	708961	50.0000	56
19 Isopropanol	45	1.597	1.597	(0.494)	2239864	4000.00	4100
21 Acetonitrile	39	1.883	1.883	(0.583)	174162	1000.00	980
27 Methyl Acetate	74	1.697	1.697	(0.525)	95615	50.0000	49

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32029.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.604	1.604	(0.497)	231361	50.0000	49
	24 TBA	59	1.826	1.826	(0.565)	738261	1000.00	1000
	25 trans-1,2-Dichloroethene	96	1.676	1.676	(0.519)	213670	50.0000	52
	26 Acrylonitrile	53	2.055	2.055	(0.636)	142957	50.0000	50
	28 MTBE	73	1.747	1.747	(0.541)	784227	50.0000	51
	29 Hexane	56	1.719	1.712	(0.532)	229418	50.0000	50
	30 1,1-Dichloroethane	63	2.012	2.012	(0.623)	471417	50.0000	50
	31 Vinyl Acetate	43	2.177	2.177	(0.674)	418877	50.0000	51
	32 DIPE	45	1.955	1.955	(0.605)	1055973	50.0000	51
	34 n-Propanol	60	2.241	2.242	(0.694)	102306	4000.00	4200
	35 t-Butyl-ethyl-ether	59	2.170	2.170	(0.672)	879302	50.0000	52
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	335882	50.0000	53
	36 cis-1,2-Dichloroethene	96	2.335	2.335	(0.723)	231352	50.0000	48
	38 2-Butanone	72	2.750	2.750	(0.851)	52544	50.0000	56
	39 Ethyl Acetate	70	2.628	2.628	(0.814)	64397	100.000	100
	40 Bromochloromethane	128	2.464	2.464	(0.763)	108715	50.0000	50
	41 Tetrahydrofuran	42	2.628	2.628	(0.814)	172859	50.0000	49
	42 Chloroform	83	2.521	2.521	(0.780)	394343	50.0000	50
	43 1,1,1-Trichloroethane	97	2.643	2.643	(0.818)	341837	50.0000	56
	44 Cyclohexane	56	2.449	2.449	(0.758)	472707	50.0000	50
	45 Carbon Tetrachloride	117	2.592	2.593	(0.803)	273912	50.0000	51
	46 1,1-Dichloropropene	75	2.729	2.729	(0.845)	331961	50.0000	56
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.015	(0.933)	180026	50.0000	42
	48 Benzene	78	2.908	2.908	(0.448)	971374	50.0000	49
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	359313	50.0000	49
	51 n-Heptane	57	2.893	2.893	(0.896)	181195	50.0000	51
	50 t-Amyl-methyl-ether	73	3.022	3.022	(0.936)	743608	50.0000	55
	61 Isopropyl Acetate	43	3.316	3.316	(1.027)	1339685	100.000	110
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	994768	50.0000	
	54 Trichloroethene	95	3.366	3.366	(1.042)	232047	50.0000	48
	53 n-Butanol	56	3.767	3.767	(1.166)	293650	2000.00	2000
	56 Methyl cyclohexane	83	3.337	3.338	(1.033)	408810	50.0000	51
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	411029	50.0000	52
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	278266	50.0000	50
	58 Dibromomethane	93	3.717	3.717	(1.151)	147782	50.0000	51
	60 1,4-Dioxane	88	4.104	4.097	(1.271)	309152	4000.00	4100
	59 Methyl Methacrylate	100	4.090	4.090	(1.266)	72688	50.0000	55
	75 Propyl Acetate	43	4.240	4.240	(1.313)	1052770	100.000	110
	68 Bromodichloromethane	83	3.889	3.889	(1.204)	312751	50.0000	51
	62 2-Chloroethyl Vinyl Ether	63	4.491	4.491	(1.390)	206625	50.0000	54
	63 Epichlorohydrin	57	4.792	4.792	(0.738)	739354	1000.00	1000
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	408630	50.0000	51
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.804)	351652	50.0000	55
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.722)	498696	50.0000	43
	66 Toluene	91	4.741	4.741	(0.730)	1014800	50.0000	51
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.806)	392494	50.0000	53
	69 1,1,2-Trichloroethane	83	5.408	5.408	(0.832)	189776	50.0000	50

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32029.d
Report Date: 22-Oct-2009 01:21

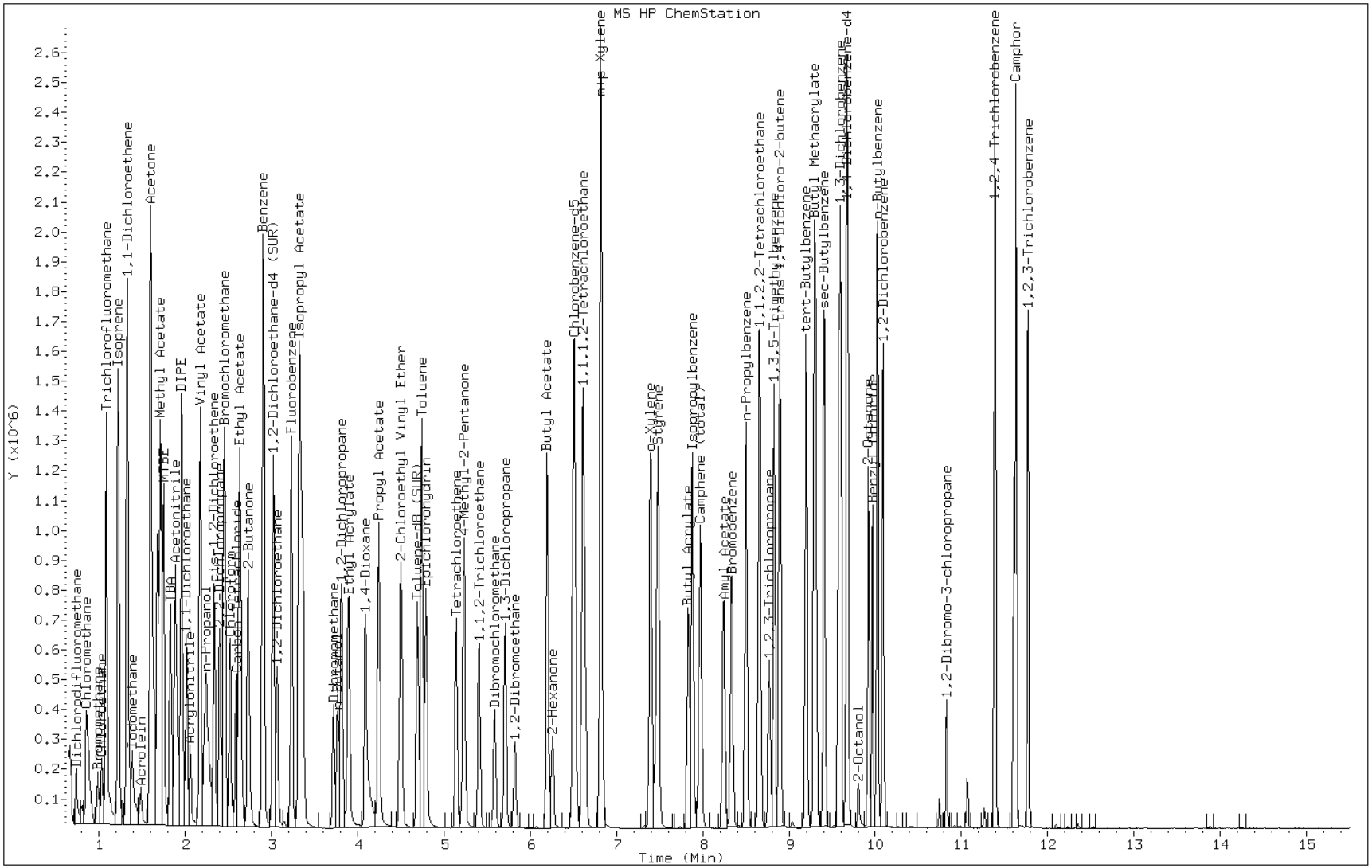
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	5.143	5.143	(0.792)	229519	50.0000	55
	72 1,3-Dichloropropane	76	5.708	5.708	(0.879)	416260	50.0000	51
	73 2-Hexanone	43	6.260	6.253	(0.964)	282261	50.0000	54
	74 Dibromochloromethane	129	5.587	5.587	(0.860)	225809	50.0000	53
	76 Butyl Acetate	73	6.195	6.196	(0.954)	154617	100.000	110
	77 1,2-Dibromoethane	107	5.823	5.823	(0.896)	223694	50.0000	51
*	78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	693596	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.003)	619004	50.0000	50
	80 1,1,1,2-Tetrachloroethane	131	6.632	6.633	(1.021)	210288	50.0000	52
	81 Ethylbenzene	106	6.611	6.604	(1.018)	343304	50.0000	51
	82 m+p-Xylene	106	6.819	6.819	(1.050)	845554	100.000	100
	84 o-Xylene	106	7.399	7.392	(1.139)	404678	50.0000	52
	85 Styrene	104	7.485	7.485	(1.152)	713988	50.0000	52
	83 Butyl Acrylate	73	7.829	7.829	(1.205)	201565	50.0000	56
	86 Bromoform	173	7.449	7.449	(1.147)	157868	50.0000	56
	87 Amyl Acetate	43	8.251	8.244	(0.853)	158896	50.0000	51
	88 Isopropylbenzene	105	7.879	7.879	(1.213)	1038676	50.0000	56
$	89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	200418	50.0000	42
	90 Camphene (total)	93	7.972	7.972	(1.227)	387492	50.0000	51
	91 Bromobenzene	156	8.337	8.337	(0.862)	269992	50.0000	49
	92 1,1,2,2-Tetrachloroethane	83	8.660	8.652	(0.896)	314609	50.0000	51
	93 1,2,3-Trichloropropane	110	8.767	8.767	(0.907)	95130	50.0000	53
	94 trans-1,4-Dichloro-2-butene	53	8.889	8.882	(0.919)	122574	50.0000	53
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	1352072	50.0000	51
	96 2-Chlorotoluene	91	8.660	8.652	(0.896)	790369	50.0000	50
	97 1,3,5-Trimethylbenzene	105	8.824	8.824	(0.913)	917980	50.0000	51
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	863258	50.0000	50
	99 Butyl Methacrylate	87	9.311	9.311	(0.963)	329334	50.0000	56
	100 tert-Butylbenzene	119	9.197	9.197	(0.951)	785090	50.0000	51
	101 1,2,4-Trimethylbenzene	105	9.290	9.290	(0.961)	953564	50.0000	51
	102 2-Octanone	43	9.920	9.920	(1.026)	549292	50.0000	53
	103 sec-Butylbenzene	105	9.405	9.405	(0.973)	1196876	50.0000	52
	105 1,3-Dichlorobenzene	146	9.576	9.577	(0.990)	540443	50.0000	50
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	1014368	50.0000	52
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	396065	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	557937	50.0000	48
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	622062	50.0000	55
	106 n-Butylbenzene	91	10.028	10.021	(1.037)	987917	50.0000	52
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	533511	50.0000	50
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	76556	50.0000	51
	113 Camphor	95	11.611	11.611	(1.201)	217924	250.000	260
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	405534	50.0000	52
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	172837	50.0000	52
	116 Naphthalene	128	11.632	11.632	(1.203)	1197428	50.0000	51
	117 1,2,3-Trichlorobenzene	180	11.775	11.776	(1.218)	384028	50.0000	52
M	120 1,2-Dichloroethene (Total)	100				445022	100.000	99
M	121 Xylene (Total)	100				1250232	150.000	160

Data File: p32029.d

Date: 21-OCT-2009 22:19

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL4 Operator:



Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32030.d
Report Date: 22-Oct-2009 01:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32030.d
Lab Smp Id: IC-VM8CAL5
Inj Date : 21-OCT-2009 22:45
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL5
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/8260_09.m
Meth Date : 22-Oct-2009 01:21 ken Quant Type: ISTD
Cal Date : 21-OCT-2009 22:45 Cal File: p32030.d
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.737	0.737	(0.228)	1073404	200.000	200
3 Chloromethane	50	0.866	0.866	(0.268)	1516302	200.000	200
4 Vinyl Chloride	62	0.852	0.852	(0.264)	1441167	200.000	220
6 Bromomethane	94	0.981	0.981	(0.304)	499306	200.000	180
5 Chloroethane	64	1.031	1.031	(0.319)	739707	200.000	190
7 Trichlorofluoromethane	101	1.088	1.088	(0.337)	1525854	200.000	200
10 Isoprene	67	1.217	1.217	(0.377)	1608939	200.000	200
11 Ethyl Ether	59	1.231	1.232	(0.381)	1015489	200.000	200
13 Acrolein	56	1.482	1.482	(0.459)	127051	200.000	200
15 1,1-Dichloroethene	96	1.317	1.310	(0.408)	719899	200.000	230
14 Freon TF	101	1.332	1.332	(0.412)	862771	200.000	200
16 Acetone	58	1.640	1.640	(0.508)	142380	200.000	180
18 Carbon Disulfide	76	1.324	1.325	(0.410)	3228127	200.000	240
19 Isopropanol	45	1.597	1.597	(0.494)	2911922	5000.00	5200
21 Acetonitrile	39	1.883	1.883	(0.583)	823477	4000.00	4400
27 Methyl Acetate	74	1.697	1.697	(0.525)	424504	200.000	210

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32030.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.604	1.604	(0.497)	974426	200.000	200
	24 TBA	59	1.833	1.826	(0.568)	3298871	4000.00	4300
	25 trans-1,2-Dichloroethene	96	1.683	1.676	(0.521)	912924	200.000	210
	26 Acrylonitrile	53	2.055	2.055	(0.636)	301712	100.000	100
	28 MTBE	73	1.747	1.747	(0.541)	3381568	200.000	210
	29 Hexane	56	1.718	1.712	(0.532)	999851	200.000	200
	30 1,1-Dichloroethane	63	2.012	2.012	(0.623)	1997030	200.000	210
	31 Vinyl Acetate	43	2.177	2.177	(0.674)	1687154	200.000	200
	32 DIPE	45	1.955	1.955	(0.605)	4421831	200.000	210
	34 n-Propanol	60	2.241	2.242	(0.694)	129651	5000.00	5200
	35 t-Butyl-ethyl-ether	59	2.170	2.170	(0.672)	3762890	200.000	210
	37 2,2-Dichloropropane	77	2.399	2.399	(0.743)	1426832	200.000	220
	36 cis-1,2-Dichloroethene	96	2.334	2.335	(0.723)	988770	200.000	200
	38 2-Butanone	72	2.750	2.750	(0.851)	226359	200.000	230
	39 Ethyl Acetate	70	2.628	2.628	(0.814)	295983	400.000	460
	40 Bromochloromethane	128	2.463	2.464	(0.763)	466488	200.000	210
	41 Tetrahydrofuran	42	2.628	2.628	(0.814)	751425	200.000	210
	42 Chloroform	83	2.521	2.521	(0.780)	1703949	200.000	210
	43 1,1,1-Trichloroethane	97	2.642	2.643	(0.818)	1467386	200.000	230
	44 Cyclohexane	56	2.449	2.449	(0.758)	2055495	200.000	200
	45 Carbon Tetrachloride	117	2.592	2.593	(0.803)	1210997	200.000	200
	46 1,1-Dichloropropene	75	2.728	2.729	(0.845)	1438159	200.000	230
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.015	3.015	(0.933)	237609	50.0000	54
	48 Benzene	78	2.907	2.908	(0.447)	4155040	200.000	200
	49 1,2-Dichloroethane	62	3.065	3.065	(0.949)	1517749	200.000	200
	51 n-Heptane	57	2.900	2.893	(0.898)	823248	200.000	200
	50 t-Amyl-methyl-ether	73	3.022	3.022	(0.936)	3257837	200.000	230
	61 Isopropyl Acetate	43	3.323	3.316	(1.029)	6020472	400.000	470
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	1007010	50.0000	
	54 Trichloroethene	95	3.366	3.366	(1.042)	1010792	200.000	200
	53 n-Butanol	56	3.767	3.767	(1.166)	429258	2500.00	2500
	56 Methyl cyclohexane	83	3.344	3.338	(1.035)	1808845	200.000	200
	55 Ethyl Acrylate	55	3.903	3.896	(1.208)	1840297	200.000	220
	57 1,2-Dichloropropane	63	3.810	3.810	(1.180)	1174749	200.000	210
	58 Dibromomethane	93	3.717	3.717	(1.151)	634158	200.000	210
	60 1,4-Dioxane	88	4.104	4.097	(1.271)	421235	5000.00	5400
	59 Methyl Methacrylate	100	4.089	4.090	(1.266)	322494	200.000	230
	75 Propyl Acetate	43	4.247	4.240	(1.315)	4692152	400.000	460
	68 Bromodichloromethane	83	3.889	3.889	(1.204)	1375275	200.000	220
	62 2-Chloroethyl Vinyl Ether	63	4.490	4.491	(1.390)	927966	200.000	230
	63 Epichlorohydrin	57	4.799	4.792	(0.738)	3296251	4000.00	4400
	67 cis-1,3-Dichloropropene	75	4.512	4.505	(0.694)	1792444	200.000	210
	70 4-Methyl-2-Pentanone	43	5.228	5.221	(0.804)	1622617	200.000	230
$	65 Toluene-d8 (SUR)	98	4.691	4.691	(0.721)	662560	50.0000	53
	66 Toluene	91	4.741	4.741	(0.729)	4390453	200.000	200
	64 trans-1,3-Dichloropropene	75	5.243	5.236	(0.806)	1747788	200.000	220
	69 1,1,2-Trichloroethane	83	5.407	5.408	(0.831)	821141	200.000	200

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32030.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	5.142	5.143	(0.791)	1038602	200.000	230
	72 1,3-Dichloropropane	76	5.708	5.708	(0.878)	1793684	200.000	200
	73 2-Hexanone	43	6.260	6.253	(0.963)	1201813	200.000	210
	74 Dibromochloromethane	129	5.586	5.587	(0.859)	1030756	200.000	220
	76 Butyl Acetate	73	6.202	6.196	(0.954)	698062	400.000	440
	77 1,2-Dibromoethane	107	5.823	5.823	(0.895)	982296	200.000	210
*	78 Chlorobenzene-d5	117	6.503	6.496	(1.000)	733377	50.0000	
	79 Chlorobenzene	112	6.525	6.518	(1.003)	2716477	200.000	200
	80 1,1,1,2-Tetrachloroethane	131	6.639	6.633	(1.021)	952628	200.000	220
	81 Ethylbenzene	106	6.611	6.604	(1.017)	1518991	200.000	210
	82 m+p-Xylene	106	6.826	6.819	(1.050)	3778942	400.000	430
	84 o-Xylene	106	7.399	7.392	(1.138)	1795121	200.000	210
	85 Styrene	104	7.485	7.485	(1.151)	3145508	200.000	210
	83 Butyl Acrylate	73	7.836	7.829	(1.205)	917074	200.000	230
	86 Bromoform	173	7.456	7.449	(1.146)	758143	200.000	240(A)
	87 Amyl Acetate	43	8.251	8.244	(0.853)	727654	200.000	220
	88 Isopropylbenzene	105	7.886	7.879	(1.213)	4674322	200.000	230
$	89 Bromofluorobenzene (SUR)	174	8.244	8.237	(0.852)	261979	50.0000	53
	90 Camphene (total)	93	7.979	7.972	(1.227)	1759559	200.000	200
	91 Bromobenzene	156	8.337	8.337	(0.862)	1186998	200.000	210
	92 1,1,2,2-Tetrachloroethane	83	8.659	8.652	(0.895)	1429940	200.000	220
	93 1,2,3-Trichloropropane	110	8.774	8.767	(0.907)	426122	200.000	220
	94 trans-1,4-Dichloro-2-butene	53	8.889	8.882	(0.919)	574105	200.000	230
	95 n-Propylbenzene	91	8.509	8.502	(0.879)	6114873	200.000	200
	96 2-Chlorotoluene	91	8.659	8.652	(0.895)	3548869	200.000	210
	97 1,3,5-Trimethylbenzene	105	8.838	8.824	(0.913)	4205815	200.000	200
	98 4-Chlorotoluene	91	8.903	8.896	(0.920)	3862944	200.000	210
	99 Butyl Methacrylate	87	9.318	9.311	(0.963)	1519072	200.000	240(A)
	100 tert-Butylbenzene	119	9.204	9.197	(0.951)	3593964	200.000	200
	101 1,2,4-Trimethylbenzene	105	9.297	9.290	(0.961)	4372636	200.000	200
	102 2-Octanone	43	9.927	9.920	(1.026)	2510797	200.000	230
	103 sec-Butylbenzene	105	9.412	9.405	(0.973)	5487858	200.000	200
	105 1,3-Dichlorobenzene	146	9.583	9.577	(0.990)	2371108	200.000	210
	107 p-Isopropyltoluene	119	9.605	9.598	(0.993)	4677306	200.000	200
*	108 1,4-Dichlorobenzene-d4	152	9.677	9.670	(1.000)	404816	50.0000	
	109 1,4-Dichlorobenzene	146	9.691	9.684	(1.001)	2429348	200.000	200
	110 Benzyl Chloride	91	9.970	9.970	(1.030)	2874803	200.000	240
	106 n-Butylbenzene	91	10.028	10.021	(1.036)	4555335	200.000	200
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.043)	2306995	200.000	210
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.119)	352860	200.000	220
	113 Camphor	95	11.611	11.611	(1.200)	1016990	1000.00	1100
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.177)	1827576	200.000	220
	115 Hexachlorobutadiene	225	11.396	11.396	(1.178)	815288	200.000	200
	116 Naphthalene	128	11.632	11.632	(1.202)	5169292	200.000	210
	117 1,2,3-Trichlorobenzene	180	11.775	11.776	(1.217)	1670755	200.000	220
M	120 1,2-Dichloroethene (Total)	100				1901694	400.000	420
M	121 Xylene (Total)	100				5574063	600.000	640

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32030.d
Report Date: 22-Oct-2009 01:21

QC Flag Legend

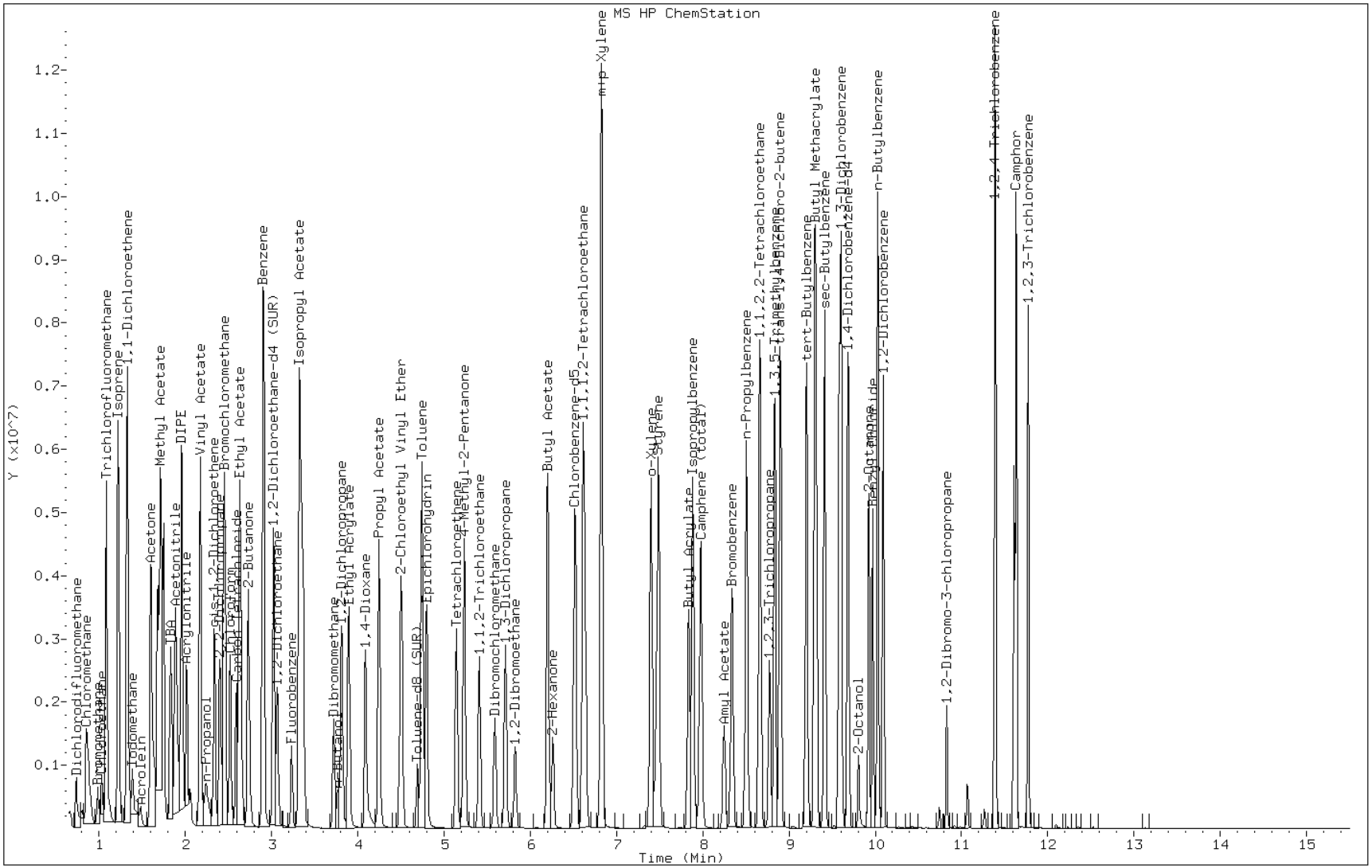
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: p32030.d

Date: 21-OCT-2009 22:45

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL5 Operator:



Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32031.d
Report Date: 22-Oct-2009 01:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32031.d
Lab Smp Id: IC-VM8CAL6
Inj Date : 21-OCT-2009 23:10
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VM8CAL6
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/8260_09.m
Meth Date : 22-Oct-2009 01:21 ken Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 9 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.737	0.737	(0.228)	2655271	500.000	500
3 Chloromethane	50	0.866	0.866	(0.268)	3798243	500.000	500
4 Vinyl Chloride	62	0.852	0.852	(0.263)	3569433	500.000	520(A)
6 Bromomethane	94	0.981	0.981	(0.303)	1411774	500.000	500(A)
5 Chloroethane	64	1.031	1.031	(0.318)	1783743	500.000	450
7 Trichlorofluoromethane	101	1.088	1.088	(0.336)	3666540	500.000	490
10 Isoprene	67	1.217	1.217	(0.376)	4055869	500.000	500
11 Ethyl Ether	59	1.231	1.232	(0.380)	2587467	500.000	500
13 Acrolein	56	1.482	1.482	(0.458)	258601	400.000	390
15 1,1-Dichloroethene	96	1.317	1.310	(0.407)	1925730	500.000	570(A)
14 Freon TF	101	1.339	1.332	(0.414)	2244297	500.000	500(A)
16 Acetone	58	1.640	1.640	(0.507)	356359	500.000	450
18 Carbon Disulfide	76	1.325	1.325	(0.409)	8536237	500.000	590(A)
19 Isopropanol	45	1.597	1.597	(0.493)	3541717	6000.00	6100(A)
21 Acetonitrile	39	1.890	1.883	(0.584)	2060220	10000.0	10000(A)
27 Methyl Acetate	74	1.697	1.697	(0.524)	1088963	500.000	520(A)

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32031.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.604	1.604	(0.495)	2533048	500.000	510(A)
	24 TBA	59	1.840	1.826	(0.568)	8642790	10000.0	11000(A)
	25 trans-1,2-Dichloroethene	96	1.683	1.676	(0.520)	2422530	500.000	540(A)
	26 Acrylonitrile	53	2.055	2.055	(0.635)	624679	200.000	210
	28 MTBE	73	1.747	1.747	(0.540)	8798425	500.000	530(A)
	29 Hexane	56	1.718	1.712	(0.531)	2524613	500.000	500
	30 1,1-Dichloroethane	63	2.019	2.012	(0.624)	5172596	500.000	510(A)
	31 Vinyl Acetate	43	2.177	2.177	(0.672)	3903081	500.000	460
	32 DIPE	45	1.962	1.955	(0.606)	11310147	500.000	510(A)
	34 n-Propanol	60	2.249	2.242	(0.695)	154086	6000.00	6000
	35 t-Butyl-ethyl-ether	59	2.170	2.170	(0.670)	9836247	500.000	530(A)
	37 2,2-Dichloropropane	77	2.406	2.399	(0.743)	3690264	500.000	540(A)
	36 cis-1,2-Dichloroethene	96	2.342	2.335	(0.723)	2584241	500.000	510(A)
	38 2-Butanone	72	2.750	2.750	(0.850)	597797	500.000	570(A)
	39 Ethyl Acetate	70	2.628	2.628	(0.812)	781386	1000.00	1100(A)
	40 Bromochloromethane	128	2.463	2.464	(0.761)	1223031	500.000	530(A)
	41 Tetrahydrofuran	42	2.635	2.628	(0.814)	1976324	500.000	520(A)
	42 Chloroform	83	2.521	2.521	(0.779)	4461658	500.000	530(A)
	43 1,1,1-Trichloroethane	97	2.650	2.643	(0.819)	3879377	500.000	570(A)
	44 Cyclohexane	56	2.449	2.449	(0.757)	5369555	500.000	500(A)
	45 Carbon Tetrachloride	117	2.592	2.593	(0.801)	3243562	500.000	500(A)
	46 1,1-Dichloropropene	75	2.728	2.729	(0.843)	3734442	500.000	560(A)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.022	3.015	(0.934)	265529	50.0000	57
	48 Benzene	78	2.908	2.908	(0.447)	11041519	500.000	500
	49 1,2-Dichloroethane	62	3.072	3.065	(0.949)	3940481	500.000	510(A)
	51 n-Heptane	57	2.900	2.893	(0.896)	2148444	500.000	500(A)
	50 t-Amyl-methyl-ether	73	3.029	3.022	(0.936)	8620517	500.000	570(A)
	61 Isopropyl Acetate	43	3.323	3.316	(1.027)	15860563	1000.00	1200(A)
*	52 Fluorobenzene	96	3.237	3.230	(1.000)	1040908	50.0000	
	54 Trichloroethene	95	3.373	3.366	(1.042)	2748673	500.000	530(A)
	53 n-Butanol	56	3.774	3.767	(1.166)	561449	3000.00	2900
	56 Methyl cyclohexane	83	3.344	3.338	(1.033)	4738817	500.000	500(A)
	55 Ethyl Acrylate	55	3.903	3.896	(1.206)	4938662	500.000	560(A)
	57 1,2-Dichloropropane	63	3.817	3.810	(1.179)	3104787	500.000	520(A)
	58 Dibromomethane	93	3.724	3.717	(1.150)	1674881	500.000	530(A)
	60 1,4-Dioxane	88	4.111	4.097	(1.270)	527830	6000.00	6400(A)
	59 Methyl Methacrylate	100	4.097	4.090	(1.266)	847314	500.000	570(A)
	75 Propyl Acetate	43	4.247	4.240	(1.312)	12320605	1000.00	1100(A)
	68 Bromodichloromethane	83	3.896	3.889	(1.204)	3692216	500.000	550(A)
	62 2-Chloroethyl Vinyl Ether	63	4.498	4.491	(1.389)	2472606	500.000	580(A)
	63 Epichlorohydrin	57	4.813	4.792	(0.739)	8638576	10000.0	10000(A)
	67 cis-1,3-Dichloropropene	75	4.519	4.505	(0.694)	4806935	500.000	520(A)
	70 4-Methyl-2-Pentanone	43	5.236	5.221	(0.804)	4403343	500.000	570(A)
$	65 Toluene-d8 (SUR)	98	4.698	4.691	(0.722)	699746	50.0000	52
	66 Toluene	91	4.748	4.741	(0.729)	11662021	500.000	500
	64 trans-1,3-Dichloropropene	75	5.250	5.236	(0.806)	4721781	500.000	540(A)
	69 1,1,2-Trichloroethane	83	5.415	5.408	(0.832)	2214573	500.000	510(A)

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32031.d
Report Date: 22-Oct-2009 01:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	5.150	5.143	(0.791)	2779300	500.000	560(A)
	72 1,3-Dichloropropane	76	5.723	5.708	(0.879)	4781623	500.000	510(A)
	73 2-Hexanone	43	6.267	6.253	(0.963)	3127525	500.000	520(A)
	74 Dibromochloromethane	129	5.594	5.587	(0.859)	2822570	500.000	560(A)
	76 Butyl Acetate	73	6.210	6.196	(0.954)	1877829	1000.00	1100(A)
	77 1,2-Dibromoethane	107	5.830	5.823	(0.895)	2650852	500.000	520(A)
*	78 Chlorobenzene-d5	117	6.511	6.496	(1.000)	782876	50.0000	
	79 Chlorobenzene	112	6.532	6.518	(1.003)	7320548	500.000	520(A)
	80 1,1,1,2-Tetrachloroethane	131	6.647	6.633	(1.021)	2619909	500.000	550(A)
	81 Ethylbenzene	106	6.625	6.604	(1.018)	4130361	500.000	530(A)
	82 m+p-Xylene	106	6.840	6.819	(1.051)	10300771	1000.00	1100(A)
	84 o-Xylene	106	7.413	7.392	(1.139)	4821628	500.000	530(A)
	85 Styrene	104	7.499	7.485	(1.152)	8550694	500.000	530(A)
	83 Butyl Acrylate	73	7.843	7.829	(1.205)	2471352	500.000	570(A)
	86 Bromoform	173	7.463	7.449	(1.146)	2099566	500.000	630(A)
	87 Amyl Acetate	43	8.258	8.244	(0.853)	1943474	500.000	550(A)
	88 Isopropylbenzene	105	7.893	7.879	(1.212)	12413312	500.000	560(A)
$	89 Bromofluorobenzene (SUR)	174	8.251	8.237	(0.852)	275911	50.0000	53
	90 Camphene (total)	93	7.986	7.972	(1.227)	4730644	500.000	500(A)
	91 Bromobenzene	156	8.351	8.337	(0.862)	3154387	500.000	520(A)
	92 1,1,2,2-Tetrachloroethane	83	8.667	8.652	(0.895)	3819087	500.000	550(A)
	93 1,2,3-Trichloropropane	110	8.781	8.767	(0.907)	1129358	500.000	550(A)
	94 trans-1,4-Dichloro-2-butene	53	8.903	8.882	(0.919)	1573998	500.000	580(A)
	95 n-Propylbenzene	91	8.516	8.502	(0.879)	16244730	500.000	500(A)
	96 2-Chlorotoluene	91	8.674	8.652	(0.896)	9640614	500.000	540(A)
	97 1,3,5-Trimethylbenzene	105	8.853	8.824	(0.914)	11321695	500.000	500(A)
	98 4-Chlorotoluene	91	8.917	8.896	(0.921)	10452615	500.000	540(A)
	99 Butyl Methacrylate	87	9.326	9.311	(0.963)	4215232	500.000	630(A)
	100 tert-Butylbenzene	119	9.211	9.197	(0.951)	9591553	500.000	500(A)
	101 1,2,4-Trimethylbenzene	105	9.304	9.290	(0.961)	11861534	500.000	500(A)
	102 2-Octanone	43	9.934	9.920	(1.026)	6774100	500.000	570(A)
	103 sec-Butylbenzene	105	9.419	9.405	(0.973)	14222672	500.000	500
	105 1,3-Dichlorobenzene	146	9.591	9.577	(0.990)	6380542	500.000	530(A)
	107 p-Isopropyltoluene	119	9.612	9.598	(0.993)	12398790	500.000	500(A)
*	108 1,4-Dichlorobenzene-d4	152	9.684	9.670	(1.000)	428074	50.0000	
	109 1,4-Dichlorobenzene	146	9.698	9.684	(1.001)	6406340	500.000	510(A)
	110 Benzyl Chloride	91	9.977	9.970	(1.030)	7566018	500.000	580(A)
	106 n-Butylbenzene	91	10.035	10.021	(1.036)	11455251	500.000	500
	111 1,2-Dichlorobenzene	146	10.099	10.092	(1.043)	6084810	500.000	510(A)
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.118)	921958	500.000	540(A)
	113 Camphor	95	11.611	11.611	(1.199)	2654888	2500.00	2800(A)
	114 1,2,4-Trichlorobenzene	180	11.396	11.389	(1.177)	5041714	500.000	570(A)
	115 Hexachlorobutadiene	225	11.396	11.396	(1.177)	2225579	500.000	500(A)
	116 Naphthalene	128	11.639	11.632	(1.202)	11219510	500.000	440
	117 1,2,3-Trichlorobenzene	180	11.783	11.776	(1.217)	4421423	500.000	530(A)
M	120 1,2-Dichloroethene (Total)	100				5006771	1000.00	1000(A)
M	121 Xylene (Total)	100				15122399	1500.00	1600(A)

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32031.d
Report Date: 22-Oct-2009 01:21

QC Flag Legend

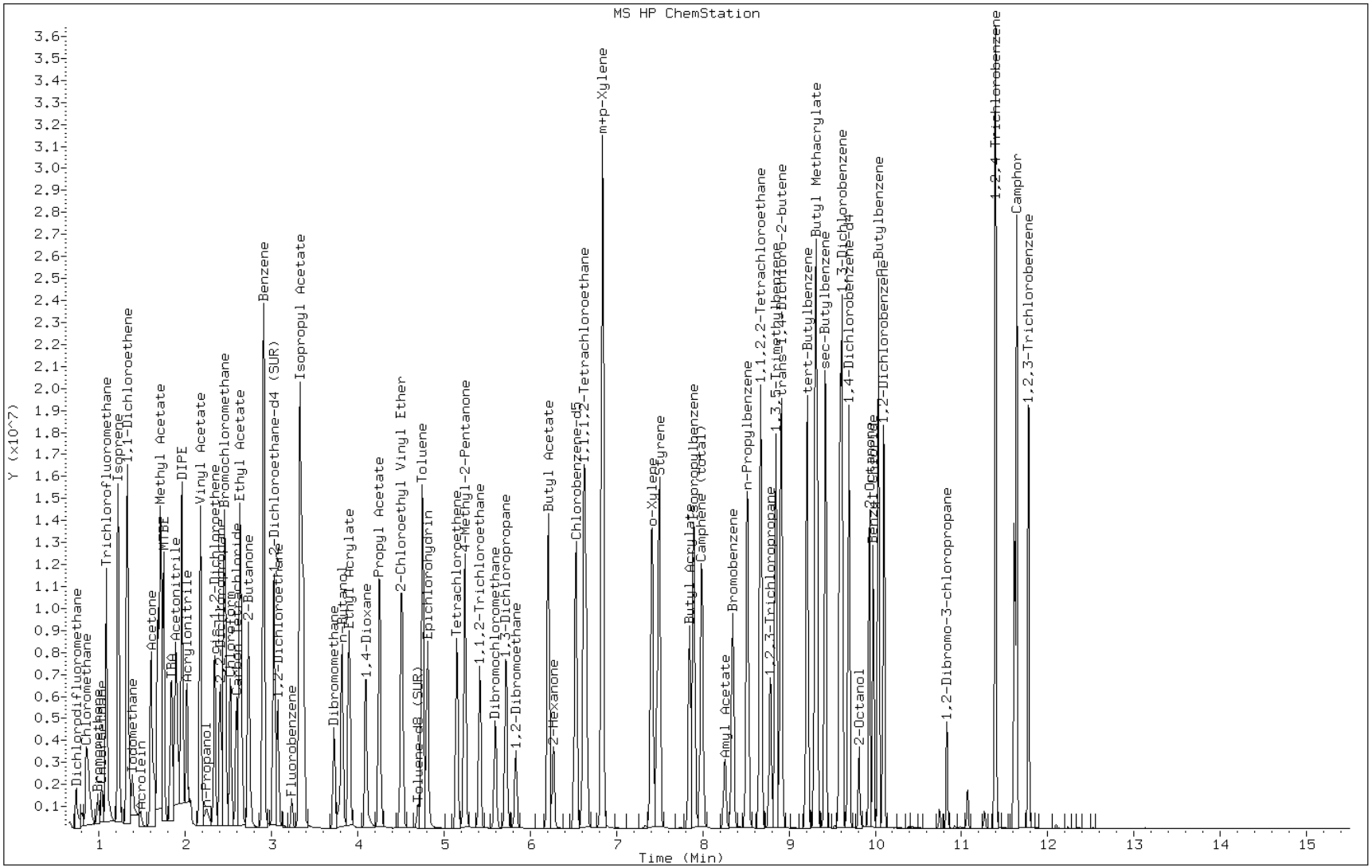
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: p32031.d

Date: 21-OCT-2009 23:10

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VM8CAL6 Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-23541/2 Calibration Date: 11/23/2009 08:28

Instrument ID: VOAMS13 Calib Start Date: 10/21/2009 20:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/21/2009 23:10

Lab File ID: p32306.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.2281	0.1978		15.4	20.0	-22.9	50.0
Chloromethane	Ave	0.3683	0.2977	0.1000	16.2	20.0	-19.2	50.0
Vinyl chloride	Ave	0.3303	0.2878		17.4	20.0	-12.9	20.0
Bromomethane	Ave	0.1348	0.1035		15.4	20.0	-23.2	50.0
Chloroethane	Ave	0.1908	0.1360		14.3	20.0	-28.7	50.0
Trichlorofluoromethane	LinF	0.3304	0.2825		15.9	20.0	-20.7	50.0
2-Methyl-1,3-butadiene	LinF	0.3454	0.4135		21.2	20.0	5.8	50.0
Ethyl ether	LinF	0.2726	0.2638		21.2	20.0	6.0	50.0
1,1-Dichloroethene	Ave	0.1621	0.1442		17.8	20.0	-11.1	20.0
Carbon disulfide	Ave	0.6979	0.7111		20.4	20.0	1.9	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	LinF	0.1756	0.2180		20.3	20.0	1.3	50.0
Acrolein	Ave	0.0321	0.0115		14.3	40.0	-64.4	99.0
Isopropyl alcohol	Ave	0.0277	0.0188		2030	3000	-32.2	50.0
Methylene Chloride	Ave	0.2386	0.2115		17.7	20.0	-11.4	50.0
Acetone	Ave	0.0383	0.0338		17.6	20.0	-11.8	50.0
trans-1,2-Dichloroethene	Ave	0.2151	0.1938		18.0	20.0	-9.9	50.0
Methyl acetate	Ave	0.1003	0.0927		18.5	20.0	-7.6	50.0
Hexane	LinF	0.2078	0.2641		21.7	20.0	8.6	50.0
Methyl tert-butyl ether	Ave	0.7938	0.8303		20.9	20.0	4.6	50.0
2-Methyl-2-propanol	Ave	0.0383	0.0293		306	400	-23.5	50.0
Acetonitrile	Ave	0.0093	0.0087		371	400	-7.4	50.0
Isopropyl ether	Ave	1.061	1.191		22.4	20.0	12.2	50.0
1,1-Dichloroethane	Ave	0.4837	0.4178	0.1000	17.3	20.0	-13.6	50.0
Acrylonitrile	Ave	0.1454	0.1475		20.3	20.0	1.4	50.0
Tert-butyl ethyl ether	Ave	0.8833	0.9752	0.0100	22.1	20.0	10.4	50.0
Vinyl acetate	Ave	0.4063	0.4367		21.5	20.0	7.5	50.0
cis-1,2-Dichloroethene	Ave	0.2440	0.2216		18.2	20.0	-9.2	50.0
2,2-Dichloropropane	Ave	0.3306	0.3315		20.1	20.0	0.3	50.0
Cyclohexane	LinF	0.4250	0.5612		21.8	20.0	9.0	50.0
Chlorobromomethane	Ave	0.1111	0.1015		18.3	20.0	-8.7	50.0
Chloroform	Ave	0.4063	0.3626		17.8	20.0	-10.8	20.0
Carbon tetrachloride	LinF	0.2548	0.2476		16.0	20.0	-20.1	50.0
Ethyl acetate	Ave	0.0331	0.0306		37.0	40.0	-7.4	50.0
Tetrahydrofuran	Ave	0.1817	0.1493		16.4	20.0	-17.9	50.0
1,1,1-Trichloroethane	Ave	0.3282	0.2989		18.2	20.0	-8.9	50.0
1,1-Dichloropropene	Ave	0.3171	0.2946		18.6	20.0	-7.1	50.0
2-Butanone (MEK)	Ave	0.0502	0.0474		18.9	20.0	-5.6	50.0
n-Heptane	LinF	0.1656	0.2063		20.0	20.0	0.2	50.0
Benzene	Ave	1.421	1.310		18.4	20.0	-7.8	50.0
Tert-amyl methyl ether	Ave	0.7222	0.7889		21.8	20.0	9.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-23541/2 Calibration Date: 11/23/2009 08:28

Instrument ID: VOAMS13 Calib Start Date: 10/21/2009 20:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/21/2009 23:10

Lab File ID: p32306.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.3721	0.3022		16.2	20.0	-18.8	50.0
Isopropyl acetate	Ave	0.6605	0.6057		36.7	40.0	-8.3	50.0
Methylcyclohexane	LinF	0.3629	0.4618		20.3	20.0	1.7	50.0
Trichloroethene	Ave	0.2479	0.2061		16.6	20.0	-16.9	50.0
Dibromomethane	Ave	0.1507	0.1250		16.6	20.0	-17.0	50.0
n-Butanol	QuaF	0.0070	0.0054		1260	1500	-15.7	50.0
1,2-Dichloropropane	Ave	0.2840	0.2509		17.7	20.0	-11.6	20.0
Dichlorobromomethane	Ave	0.3218	0.2830		17.6	20.0	-12.1	50.0
Ethyl acrylate	Ave	0.4201	0.3807		18.1	20.0	-9.4	50.0
Methyl methacrylate	Ave	0.0714	0.0682		19.1	20.0	-4.5	50.0
1,4-Dioxane	Ave	0.0040	0.0030		2310	3000	-23.1	50.0
n-Propyl acetate	Ave	0.5228	0.4729		36.2	40.0	-9.5	50.0
2-Chloroethyl vinyl ether	Ave	0.2064	0.2044		19.8	20.0	-1.0	50.0
cis-1,3-Dichloropropene	Ave	0.5882	0.5346		18.2	20.0	-9.1	50.0
Toluene	LinF	1.545	1.371		18.4	20.0	-8.0	20.0
Epichlorohydrin	Ave	0.0522	0.0472		362	400	-9.5	50.0
Tetrachloroethene	Ave	0.3193	0.3039		19.0	20.0	-4.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4954	0.4423		17.9	20.0	-10.7	50.0
trans-1,3-Dichloropropene	Ave	0.5527	0.4896		17.7	20.0	-11.4	50.0
1,1,2-Trichloroethane	Ave	0.2761	0.2406		17.4	20.0	-12.9	50.0
Chlorodibromomethane	Ave	0.3246	0.2932		18.1	20.0	-9.7	50.0
1,3-Dichloropropane	Ave	0.5980	0.5257		17.6	20.0	-12.1	50.0
Ethylene Dibromide	Ave	0.3244	0.2722		16.8	20.0	-16.1	50.0
n-Butyl acetate	Ave	0.1092	0.0957		35.1	40.0	-12.4	50.0
2-Hexanone	Ave	0.3858	0.3493		18.1	20.0	-9.5	50.0
Chlorobenzene	Ave	0.9071	0.8204	0.3000	18.1	20.0	-9.6	50.0
Ethylbenzene	Ave	0.4997	0.4426		17.7	20.0	-11.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3054	0.2770		18.1	20.0	-9.3	50.0
m-Xylene & p-Xylene	Ave	0.6085	0.5458		35.9	40.0	-10.3	50.0
o-Xylene	Ave	0.5816	0.5181		17.8	20.0	-10.9	50.0
Bromoform	Ave	0.2134	0.1967	0.1000	18.4	20.0	-7.8	50.0
Styrene	Ave	1.024	0.9040		17.7	20.0	-11.7	50.0
n-Butyl acrylate	Ave	0.2765	0.2695		19.5	20.0	-2.5	50.0
Isopropylbenzene	Ave	1.425	1.347		18.9	20.0	-5.4	50.0
Camphene	LinF	0.5087	0.6146		20.4	20.0	1.9	50.0
Amyl acetate (mixed isomers)	Ave	0.4115	0.2947		14.3	20.0	-28.4	50.0
Bromobenzene	Ave	0.7100	0.6370		17.9	20.0	-10.3	50.0
N-Propylbenzene	LinF	3.328	3.099		16.4	20.0	-18.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8131	0.6793	0.3000	16.7	20.0	-16.5	50.0
2-Chlorotoluene	Ave	2.083	1.835		17.6	20.0	-11.9	50.0
1,2,3-Trichloropropane	Ave	0.2395	0.1930		16.1	20.0	-19.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-23541/2 Calibration Date: 11/23/2009 08:28

Instrument ID: VOAMS13 Calib Start Date: 10/21/2009 20:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/21/2009 23:10

Lab File ID: p32306.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	LinF	2.302	2.035		15.4	20.0	-22.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3159	0.3004		19.0	20.0	-4.9	50.0
4-Chlorotoluene	Ave	2.267	1.997		17.6	20.0	-11.9	50.0
tert-Butylbenzene	LinF	1.884	1.835		16.4	20.0	-17.9	50.0
1,2,4-Trimethylbenzene	LinF	2.436	2.135		15.5	20.0	-22.6	50.0
Butyl Methacrylate	Ave	0.7838	0.8319		21.2	20.0	6.1	50.0
sec-Butylbenzene	LinF	2.751	2.764		16.6	20.0	-16.9	50.0
1,3-Dichlorobenzene	Ave	1.402	1.255		17.9	20.0	-10.5	50.0
4-Isopropyltoluene	LinF	2.411	2.347		16.2	20.0	-18.8	50.0
1,4-Dichlorobenzene	Ave	1.468	1.313		17.9	20.0	-10.6	50.0
2-Octanone	Ave	1.388	1.287		18.5	20.0	-7.3	50.0
Benzyl chloride	Ave	1.536	1.854		24.1	20.0	20.7	50.0
n-Butylbenzene	LinF	2.264	2.263		16.8	20.0	-16.0	50.0
1,2-Dichlorobenzene	Ave	1.381	1.244		18.0	20.0	-10.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1995	0.1430		14.3	20.0	-28.3	50.0
1,2,4-Trichlorobenzene	Ave	1.035	0.9442		18.2	20.0	-8.8	50.0
Hexachlorobutadiene	LinF	0.3824	0.4493		17.4	20.0	-13.1	50.0
Camphor	Ave	0.1121	0.0892		79.6	100	-20.4	50.0
Naphthalene	Ave	2.959	2.458		16.6	20.0	-17.0	50.0
1,2,3-Trichlorobenzene	Ave	0.9706	0.8535		17.6	20.0	-12.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2252	0.2271		50.4	50.0	0.8	50.0
Toluene-d8 (Surr)	Ave	0.8579	0.9912		57.8	50.0	15.5	50.0
4-Bromofluorobenzene	Ave	0.6123	0.5733		46.8	50.0	-6.4	50.0

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32306.d
Report Date: 23-Nov-2009 08:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32306.d
Lab Smp Id: CCVIS
Inj Date : 23-NOV-2009 08:28
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	83155	20.0000	15
3 Chloromethane	50	0.845	0.845	(0.262)	125159	20.0000	16
4 Vinyl Chloride	62	0.845	0.845	(0.262)	120977	20.0000	17
6 Bromomethane	94	0.974	0.974	(0.301)	43518	20.0000	15
5 Chloroethane	64	1.024	1.024	(0.317)	57181	20.0000	14
7 Trichlorofluoromethane	101	1.081	1.081	(0.335)	118769	20.0000	16
10 Isoprene	67	1.210	1.210	(0.375)	173811	20.0000	21
11 Ethyl Ether	59	1.224	1.224	(0.379)	110909	20.0000	21
13 Acrolein	56	1.475	1.475	(0.457)	9628	40.0000	14
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	60607	20.0000	18
14 Freon TF	101	1.325	1.325	(0.410)	91631	20.0000	20
16 Acetone	58	1.625	1.625	(0.503)	14193	20.0000	18
18 Carbon Disulfide	76	1.317	1.317	(0.408)	298916	20.0000	20
19 Isopropanol	45	1.582	1.582	(0.490)	1183521	3000.00	2000
21 Acetonitrile	39	1.876	1.876	(0.581)	72763	400.000	370
27 Methyl Acetate	74	1.690	1.690	(0.523)	38983	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32306.d
Report Date: 23-Nov-2009 08:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	1.597	1.597	(0.494)	88887	20.0000	18
	24 TBA	59	1.812	1.812	(0.561)	246531	400.000	300
	25 trans-1,2-Dichloroethene	96	1.668	1.668	(0.517)	81468	20.0000	18
	26 Acrylonitrile	53	2.048	2.048	(0.634)	61986	20.0000	20
	28 MTBE	73	1.740	1.740	(0.539)	349009	20.0000	21
	29 Hexane	56	1.711	1.711	(0.530)	111021	20.0000	22
	30 1,1-Dichloroethane	63	2.005	2.005	(0.621)	175606	20.0000	17
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	183571	20.0000	21
	32 DIPE	45	1.948	1.948	(0.603)	500606	20.0000	22
	34 n-Propanol	60	2.227	2.227	(0.690)	61270	3000.00	2300
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	409948	20.0000	22
	37 2,2-Dichloropropane	77	2.392	2.392	(0.741)	139356	20.0000	20
	36 cis-1,2-Dichloroethene	96	2.327	2.327	(0.721)	93165	20.0000	18
	38 2-Butanone	72	2.743	2.743	(0.849)	19929	20.0000	19
	39 Ethyl Acetate	70	2.621	2.621	(0.812)	25729	40.0000	37
	40 Bromochloromethane	128	2.456	2.456	(0.760)	42677	20.0000	18
	41 Tetrahydrofuran	42	2.621	2.621	(0.812)	62738	20.0000	16
	42 Chloroform	83	2.514	2.514	(0.778)	152401	20.0000	18
	43 1,1,1-Trichloroethane	97	2.635	2.635	(0.816)	125655	20.0000	18
	44 Cyclohexane	56	2.442	2.442	(0.756)	235921	20.0000	22
	45 Carbon Tetrachloride	117	2.585	2.585	(0.800)	104098	20.0000	16
	46 1,1-Dichloropropene	75	2.721	2.721	(0.843)	123831	20.0000	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	238696	50.0000	50
	48 Benzene	78	2.900	2.900	(0.446)	376451	20.0000	18
	49 1,2-Dichloroethane	62	3.058	3.058	(0.947)	127013	20.0000	16
	51 n-Heptane	57	2.893	2.893	(0.896)	86712	20.0000	20
	50 t-Amyl-methyl-ether	73	3.015	3.015	(0.933)	331636	20.0000	22
	61 Isopropyl Acetate	43	3.309	3.309	(1.024)	509182	40.0000	37
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	1050905	50.0000	
	54 Trichloroethene	95	3.359	3.359	(1.040)	86625	20.0000	17
	53 n-Butanol	56	3.753	3.753	(1.162)	170288	1500.00	1300
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	194119	20.0000	20
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	160009	20.0000	18
	57 1,2-Dichloropropane	63	3.803	3.803	(1.177)	105480	20.0000	18
	58 Dibromomethane	93	3.710	3.710	(1.149)	52533	20.0000	16
	60 1,4-Dioxane	88	4.097	4.097	(1.268)	191751	3000.00	2300
	59 Methyl Methacrylate	100	4.082	4.082	(1.264)	28655	20.0000	19
	75 Propyl Acetate	43	4.240	4.240	(1.313)	397577	40.0000	36
	68 Bromodichloromethane	83	3.882	3.882	(1.202)	118943	20.0000	18
	62 2-Chloroethyl Vinyl Ether	63	4.484	4.484	(1.388)	85913	20.0000	20
	63 Epichlorohydrin	57	4.784	4.784	(0.736)	271264	400.000	360
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	153664	20.0000	18
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.804)	127112	20.0000	18
$	65 Toluene-d8 (SUR)	98	4.684	4.684	(0.721)	712338	50.0000	58
	66 Toluene	91	4.734	4.734	(0.729)	393910	20.0000	18
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.806)	140719	20.0000	18
	69 1,1,2-Trichloroethane	83	5.400	5.400	(0.831)	69165	20.0000	17

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32306.d
Report Date: 23-Nov-2009 08:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	5.143	5.143	(0.792)	87356	20.0000	19
	72 1,3-Dichloropropane	76	5.708	5.708	(0.879)	151086	20.0000	18
	73 2-Hexanone	43	6.253	6.253	(0.962)	100386	20.0000	18
	74 Dibromochloromethane	129	5.587	5.587	(0.860)	84266	20.0000	18
	76 Butyl Acetate	73	6.195	6.195	(0.954)	55020	40.0000	35
	77 1,2-Dibromoethane	107	5.816	5.816	(0.895)	78229	20.0000	17
*	78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	718545	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.003)	235807	20.0000	18
	80 1,1,1,2-Tetrachloroethane	131	6.632	6.632	(1.021)	79608	20.0000	18
	81 Ethylbenzene	106	6.604	6.604	(1.017)	127211	20.0000	18
	82 m+p-Xylene	106	6.819	6.819	(1.050)	313751	40.0000	36
	84 o-Xylene	106	7.392	7.392	(1.138)	148914	20.0000	18
	85 Styrene	104	7.478	7.478	(1.151)	259834	20.0000	18
	83 Butyl Acrylate	73	7.829	7.829	(1.205)	77465	20.0000	19
	86 Bromoform	173	7.449	7.449	(1.147)	56527	20.0000	18
	87 Amyl Acetate	43	8.244	8.244	(0.853)	47491	20.0000	14
	88 Isopropylbenzene	105	7.879	7.879	(1.213)	387253	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	231001	50.0000	47
	90 Camphene (total)	93	7.972	7.972	(1.227)	176632	20.0000	20
	91 Bromobenzene	156	8.337	8.337	(0.862)	102653	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	8.652	8.652	(0.895)	109472	20.0000	17
	93 1,2,3-Trichloropropane	110	8.767	8.767	(0.907)	31095	20.0000	16
	94 trans-1,4-Dichloro-2-butene	53	8.882	8.882	(0.918)	48408	20.0000	19
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	499401	20.0000	16
	96 2-Chlorotoluene	91	8.652	8.652	(0.895)	295746	20.0000	18
	97 1,3,5-Trimethylbenzene	105	8.824	8.824	(0.913)	328019	20.0000	15
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	321867	20.0000	18
	99 Butyl Methacrylate	87	9.311	9.311	(0.963)	134067	20.0000	21
	100 tert-Butylbenzene	119	9.197	9.197	(0.951)	295689	20.0000	16
	101 1,2,4-Trimethylbenzene	105	9.290	9.290	(0.961)	344149	20.0000	15
	102 2-Octanone	43	9.920	9.920	(1.026)	207425	20.0000	18
	103 sec-Butylbenzene	105	9.405	9.405	(0.973)	445476	20.0000	17
	105 1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	202251	20.0000	18
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	378238	20.0000	16
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	402897	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	211539	20.0000	18
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	298772	20.0000	24
	106 n-Butylbenzene	91	10.021	10.021	(1.036)	364768	20.0000	17
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	200416	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	23042	20.0000	14
	113 Camphor	95	11.611	11.611	(1.201)	71906	100.000	80(H)
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	152165	20.0000	18
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	72401	20.0000	17(H)
	116 Naphthalene	128	11.632	11.632	(1.203)	396086	20.0000	17
	117 1,2,3-Trichlorobenzene	180	11.775	11.775	(1.218)	137549	20.0000	18
M	120 1,2-Dichloroethene (Total)	100				174633	40.0000	36
M	121 Xylene (Total)	100				462665	60.0000	54

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32306.d
Report Date: 23-Nov-2009 08:59

QC Flag Legend

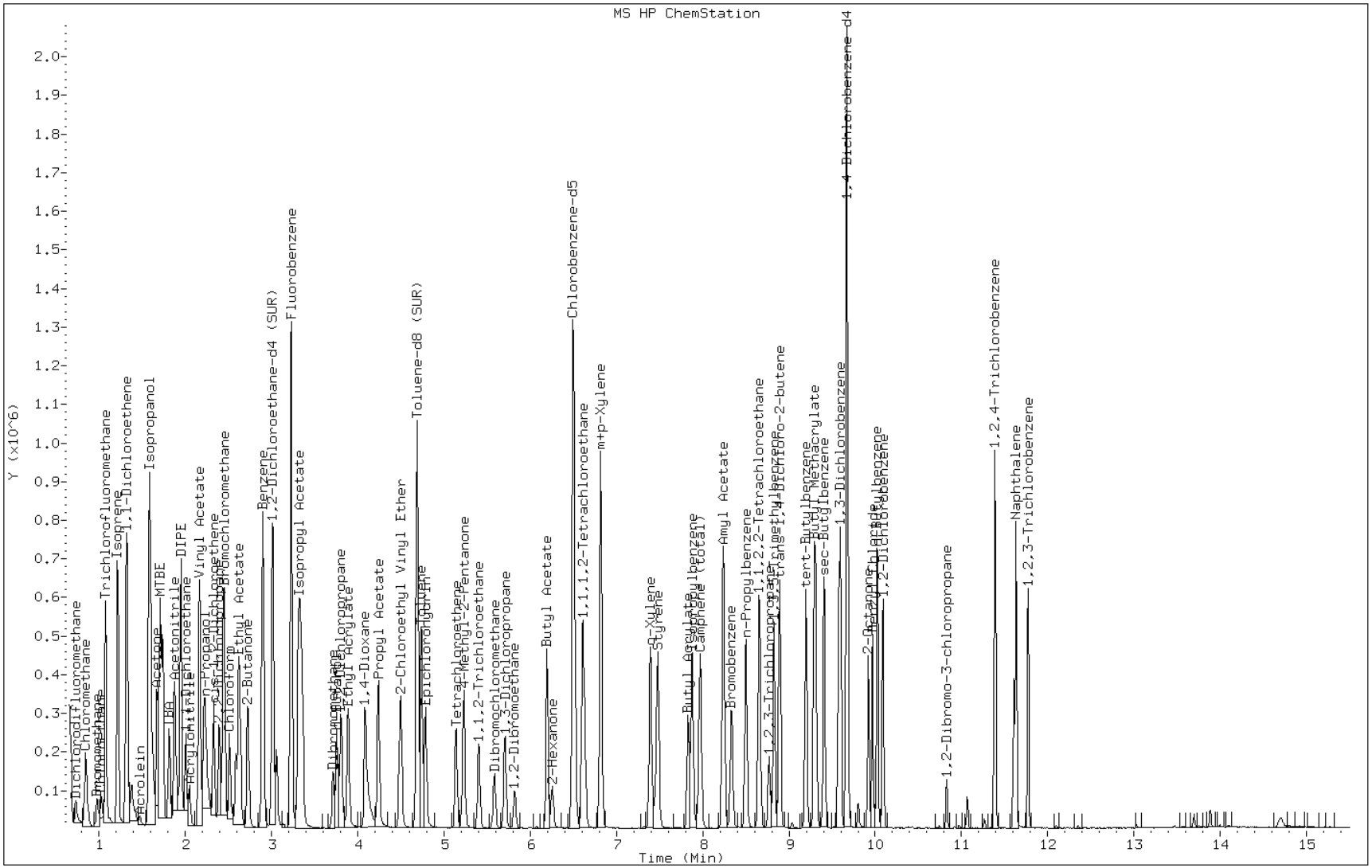
H - Operator selected an alternate compound hit.

Data File: p32306.d

Date: 23-NOV-2009 08:28

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-23604/2 Calibration Date: 11/23/2009 19:53

Instrument ID: VOAMS13 Calib Start Date: 10/21/2009 20:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/21/2009 23:10

Lab File ID: p32334.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.2281	0.2316		18.0	20.0	-9.8	50.0
Chloromethane	Ave	0.3683	0.3501	0.1000	19.0	20.0	-4.9	50.0
Vinyl chloride	Ave	0.3303	0.3405		20.6	20.0	3.1	20.0
Bromomethane	Ave	0.1348	0.1193		17.7	20.0	-11.5	50.0
Chloroethane	Ave	0.1908	0.1751		18.4	20.0	-8.2	50.0
Trichlorofluoromethane	LinF	0.3304	0.3396		19.1	20.0	-4.6	50.0
2-Methyl-1,3-butadiene	LinF	0.3454	0.3907		20.0	20.0	0.0	50.0
Ethyl ether	LinF	0.2726	0.2479		19.9	20.0	-0.4	50.0
1,1-Dichloroethene	Ave	0.1621	0.1669		20.6	20.0	2.9	20.0
Carbon disulfide	Ave	0.6979	0.6951		19.9	20.0	-0.4	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	LinF	0.1756	0.2072		19.3	20.0	-3.7	50.0
Acrolein	Ave	0.0321	0.0186		23.1	40.0	-42.2	99.0
Isopropyl alcohol	Ave	0.0277	0.0230		2500	3000	-16.8	50.0
Methylene Chloride	Ave	0.2386	0.2525		21.2	20.0	5.8	50.0
Acetone	Ave	0.0383	0.0378		19.7	20.0	-1.3	50.0
trans-1,2-Dichloroethene	Ave	0.2151	0.2276		21.2	20.0	5.8	50.0
Methyl acetate	Ave	0.1003	0.0879		17.5	20.0	-12.4	50.0
Hexane	LinF	0.2078	0.2503		20.6	20.0	2.9	50.0
Methyl tert-butyl ether	Ave	0.7938	0.7998		20.2	20.0	0.8	50.0
2-Methyl-2-propanol	Ave	0.0383	0.0319		332	400	-16.9	50.0
Acetonitrile	Ave	0.0093	0.0085		362	400	-9.4	50.0
Isopropyl ether	Ave	1.061	1.143		21.5	20.0	7.7	50.0
1,1-Dichloroethane	Ave	0.4837	0.4959	0.1000	20.5	20.0	2.5	50.0
Acrylonitrile	Ave	0.1454	0.1670		23.0	20.0	14.8	50.0
Tert-butyl ethyl ether	Ave	0.8833	0.9120	0.0100	20.6	20.0	3.2	50.0
Vinyl acetate	Ave	0.4063	0.4591		22.6	20.0	13.0	50.0
cis-1,2-Dichloroethene	Ave	0.2440	0.2503		20.5	20.0	2.5	50.0
2,2-Dichloropropane	Ave	0.3306	0.3516		21.3	20.0	6.3	50.0
Cyclohexane	LinF	0.4250	0.5145		20.0	20.0	0.0	50.0
Chlorobromomethane	Ave	0.1111	0.1134		20.4	20.0	2.0	50.0
Chloroform	Ave	0.4063	0.4155		20.5	20.0	2.3	20.0
Carbon tetrachloride	LinF	0.2548	0.2663		17.2	20.0	-14.0	50.0
Ethyl acetate	Ave	0.0331	0.0295		35.6	40.0	-10.9	50.0
Tetrahydrofuran	Ave	0.1817	0.1569		17.3	20.0	-13.6	50.0
1,1,1-Trichloroethane	Ave	0.3282	0.3265		19.9	20.0	-0.5	50.0
1,1-Dichloropropene	Ave	0.3171	0.3194		20.1	20.0	0.7	50.0
2-Butanone (MEK)	Ave	0.0502	0.0483		19.2	20.0	-3.8	50.0
n-Heptane	LinF	0.1656	0.1916		18.6	20.0	-7.0	50.0
Benzene	Ave	1.421	1.491		21.0	20.0	4.9	50.0
Tert-amyl methyl ether	Ave	0.7222	0.7280		20.2	20.0	0.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-23604/2 Calibration Date: 11/23/2009 19:53

Instrument ID: VOAMS13 Calib Start Date: 10/21/2009 20:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/21/2009 23:10

Lab File ID: p32334.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.3721	0.3560		19.1	20.0	-4.3	50.0
Isopropyl acetate	Ave	0.6605	0.6031		36.5	40.0	-8.7	50.0
Methylcyclohexane	LinF	0.3629	0.4281		18.9	20.0	-5.7	50.0
Trichloroethene	Ave	0.2479	0.2373		19.1	20.0	-4.3	50.0
Dibromomethane	Ave	0.1507	0.1466		19.5	20.0	-2.7	50.0
n-Butanol	QuaF	0.0070	0.0069		1550	1500	3.5	50.0
1,2-Dichloropropane	Ave	0.2840	0.2914		20.5	20.0	2.6	20.0
Dichlorobromomethane	Ave	0.3218	0.3298		20.5	20.0	2.5	50.0
Ethyl acrylate	Ave	0.4201	0.3659		17.4	20.0	-12.9	50.0
Methyl methacrylate	Ave	0.0714	0.0667		18.7	20.0	-6.5	50.0
1,4-Dioxane	Ave	0.0040	0.0035		2630	3000	-12.5	50.0
n-Propyl acetate	Ave	0.5228	0.4840		37.0	40.0	-7.4	50.0
2-Chloroethyl vinyl ether	Ave	0.2064	0.1965		19.0	20.0	-4.8	50.0
cis-1,3-Dichloropropene	Ave	0.5882	0.6139		20.9	20.0	4.4	50.0
Toluene	LinF	1.545	1.513		20.3	20.0	1.5	20.0
Epichlorohydrin	Ave	0.0522	0.0489		375	400	-6.2	50.0
Tetrachloroethene	Ave	0.3193	0.3268		20.5	20.0	2.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4954	0.4625		18.7	20.0	-6.6	50.0
trans-1,3-Dichloropropene	Ave	0.5527	0.5616		20.3	20.0	1.6	50.0
1,1,2-Trichloroethane	Ave	0.2761	0.2806		20.3	20.0	1.6	50.0
Chlorodibromomethane	Ave	0.3246	0.3370		20.8	20.0	3.8	50.0
1,3-Dichloropropane	Ave	0.5980	0.6198		20.7	20.0	3.7	50.0
Ethylene Dibromide	Ave	0.3244	0.3214		19.8	20.0	-0.9	50.0
n-Butyl acetate	Ave	0.1092	0.1002		36.7	40.0	-8.3	50.0
2-Hexanone	Ave	0.3858	0.3773		19.6	20.0	-2.2	50.0
Chlorobenzene	Ave	0.9071	0.9235	0.3000	20.4	20.0	1.8	50.0
Ethylbenzene	Ave	0.4997	0.4692		18.8	20.0	-6.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3054	0.3089		20.2	20.0	1.1	50.0
m-Xylene & p-Xylene	Ave	0.6085	0.5794		38.1	40.0	-4.8	50.0
o-Xylene	Ave	0.5816	0.5598		19.3	20.0	-3.7	50.0
Bromoform	Ave	0.2134	0.2300	0.1000	21.6	20.0	7.8	50.0
Styrene	Ave	1.024	1.001		19.5	20.0	-2.3	50.0
n-Butyl acrylate	Ave	0.2765	0.2651		19.2	20.0	-4.1	50.0
Isopropylbenzene	Ave	1.425	1.375		19.3	20.0	-3.5	50.0
Camphene	LinF	0.5087	0.5604		18.6	20.0	-7.1	50.0
Amyl acetate (mixed isomers)	Ave	0.4115	0.2882		14.0	20.0	-30.0	50.0
Bromobenzene	Ave	0.7100	0.7109		20.0	20.0	0.1	50.0
N-Propylbenzene	LinF	3.328	3.162		16.7	20.0	-16.5	50.0
2-Chlorotoluene	Ave	2.083	1.960		18.8	20.0	-5.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8131	0.8260	0.3000	20.3	20.0	1.6	50.0
1,2,3-Trichloropropane	Ave	0.2395	0.2339		19.5	20.0	-2.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-23604/2 Calibration Date: 11/23/2009 19:53

Instrument ID: VOAMS13 Calib Start Date: 10/21/2009 20:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/21/2009 23:10

Lab File ID: p32334.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	LinF	2.302	2.144		16.3	20.0	-18.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3159	0.3032		19.2	20.0	-4.0	50.0
4-Chlorotoluene	Ave	2.267	2.148		18.9	20.0	-5.3	50.0
tert-Butylbenzene	LinF	1.884	1.835		16.4	20.0	-17.9	50.0
1,2,4-Trimethylbenzene	LinF	2.436	2.235		16.2	20.0	-19.0	50.0
Butyl Methacrylate	Ave	0.7838	0.7830		20.0	20.0	-0.1	50.0
sec-Butylbenzene	LinF	2.751	2.783		16.7	20.0	-16.4	50.0
1,3-Dichlorobenzene	Ave	1.402	1.376		19.6	20.0	-1.8	50.0
4-Isopropyltoluene	LinF	2.411	2.355		16.3	20.0	-18.6	50.0
1,4-Dichlorobenzene	Ave	1.468	1.427		19.4	20.0	-2.8	50.0
2-Octanone	Ave	1.388	1.269		18.3	20.0	-8.6	50.0
Benzyl chloride	Ave	1.536	1.822		23.7	20.0	18.7	50.0
n-Butylbenzene	LinF	2.264	2.349		17.4	20.0	-12.8	50.0
1,2-Dichlorobenzene	Ave	1.381	1.376		19.9	20.0	-0.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1995	0.1867		18.7	20.0	-6.4	50.0
1,2,4-Trichlorobenzene	Ave	1.035	1.016		19.6	20.0	-1.8	50.0
Hexachlorobutadiene	LinF	0.3824	0.4896		18.9	20.0	-5.3	50.0
Camphor	Ave	0.1121	0.1052		93.8	100	-6.2	50.0
Naphthalene	Ave	2.959	4.420		29.9	20.0	49.3	50.0
1,2,3-Trichlorobenzene	Ave	0.9706	0.9561		19.7	20.0	-1.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2252	0.2444		54.3	50.0	8.5	50.0
Toluene-d8 (Surr)	Ave	0.8579	1.054		61.4	50.0	22.9	50.0
4-Bromofluorobenzene	Ave	0.6123	0.6101		49.8	50.0	-0.4	50.0

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32022.d
Report Date: 21-Oct-2009 19:53

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32022.d
Lab Smp Id: BFB
Inj Date : 21-OCT-2009 19:22
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

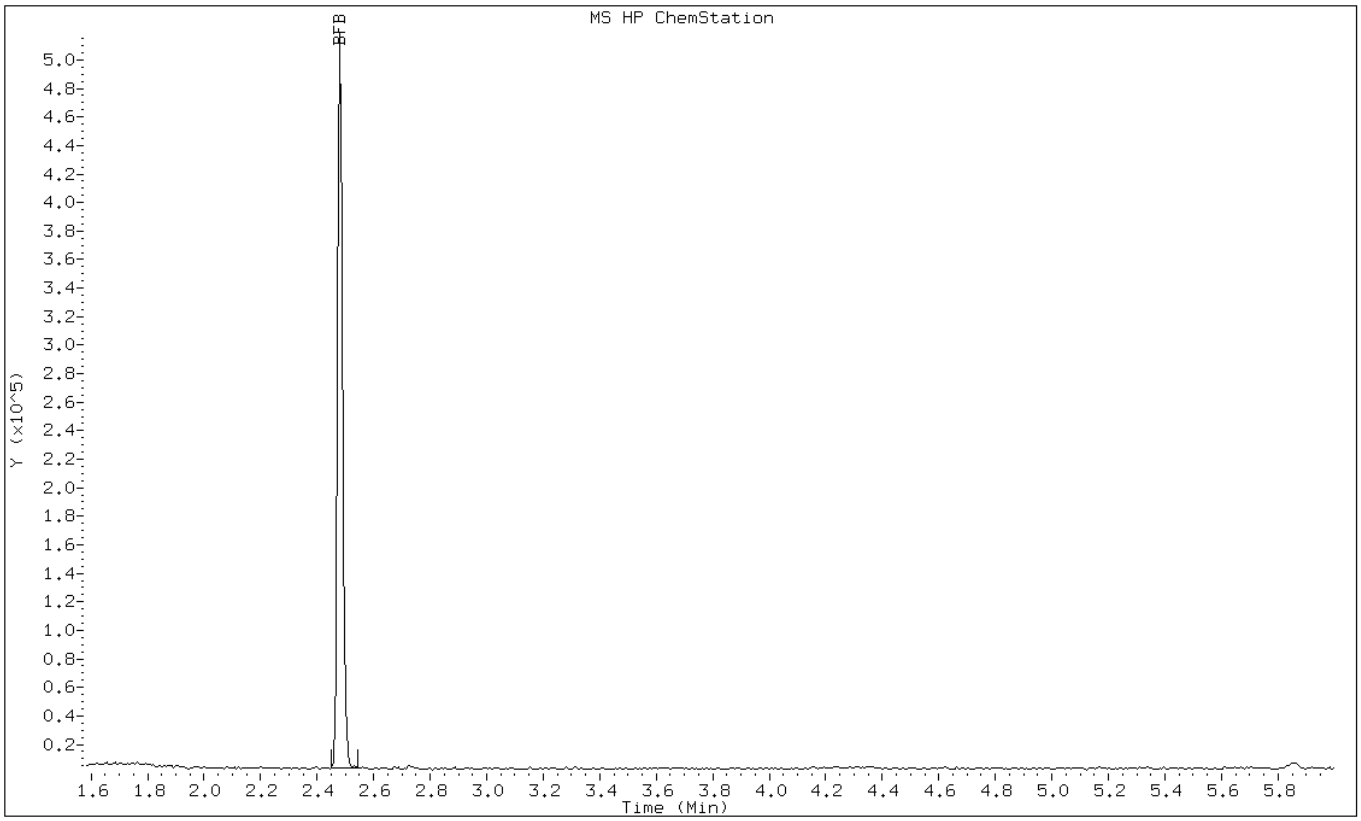
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.480	2.480 (0.000)	95	81906			0.00- 100.00	100.00
2.480	2.480 (0.000)	50	18045			15.00- 40.00	22.03
2.480	2.480 (0.000)	75	42680			30.00- 60.00	52.11
2.480	2.480 (0.000)	96	5526			5.00- 9.00	6.75
2.480	2.480 (0.000)	173	837			0.00- 2.00	1.32
2.480	2.480 (0.000)	174	63293			50.00- 100.00	77.28
2.480	2.480 (0.000)	175	5112			5.00- 9.00	8.08
2.480	2.480 (0.000)	176	61624			95.00- 101.00	97.36
2.480	2.480 (0.000)	177	3870			5.00- 9.00	6.28

Data File: p32022.d

Date: 21-OCT-2009 19:22

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



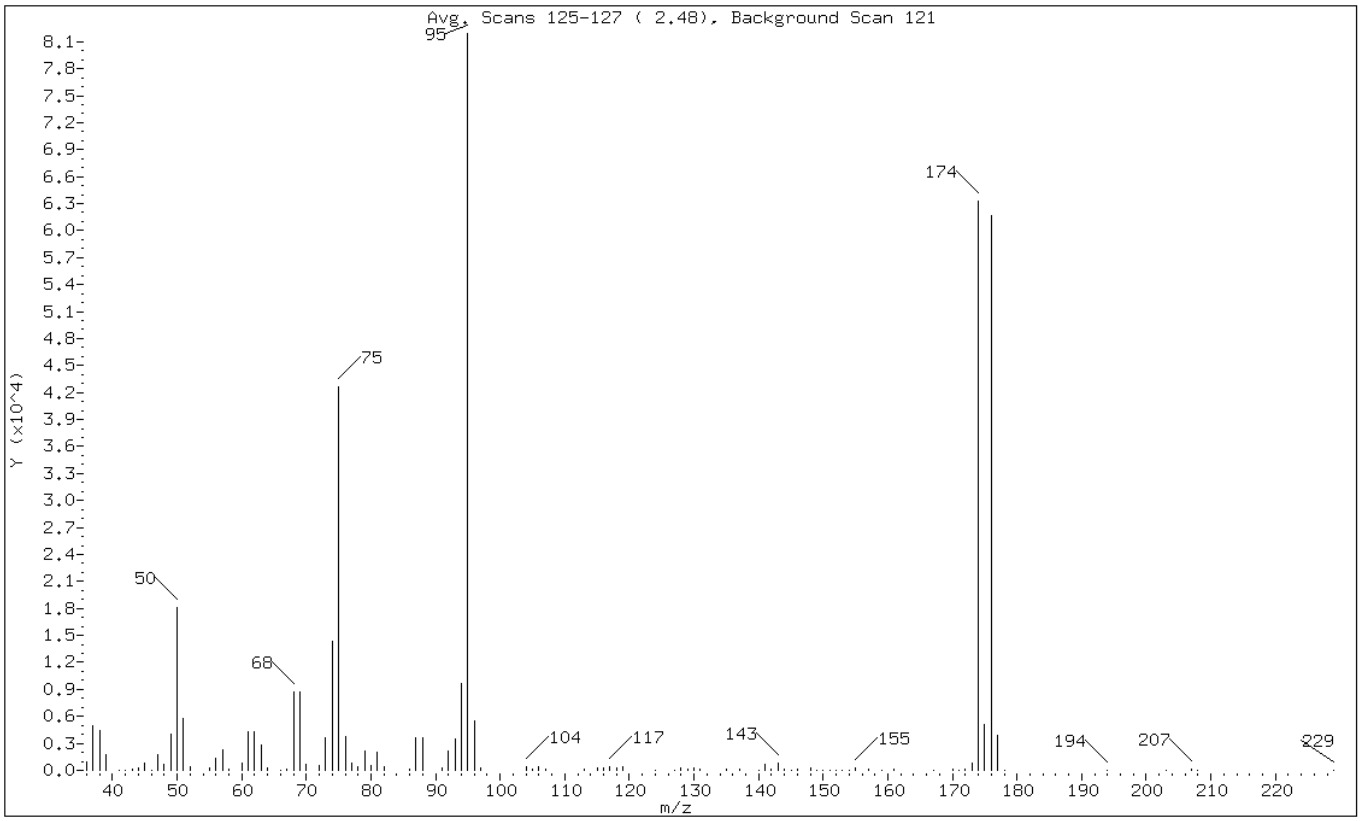
Data File: p32022.d

Date: 21-OCT-2009 19:22

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.03
75	30.00 - 60.00% of mass 95	52.11
96	5.00 - 9.00% of mass 95	6.75
173	Less than 2.00% of mass 174	1.02 (1.32)
174	50.00 - 100.00% of mass 95	77.28
175	5.00 - 9.00% of mass 174	6.24 (8.08)
176	95.00 - 101.00% of mass 174	75.24 (97.36)
177	5.00 - 9.00% of mass 176	4.72 (6.28)

Data File: p32022.d

Date: 21-OCT-2009 19:22

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b/p32022.d
Spectrum: Avg. Scans 125-127 (2.48), Background Scan 121
Location of Maximum: 95.00
Number of points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	950	67.00	184	105.00	117	150.00	40
37.00	5018	68.00	8700	106.00	354	151.00	34
38.00	4408	69.00	8721	107.00	90	152.00	40
39.00	1794	70.00	665	113.00	106	153.00	56
41.00	52	72.00	540	115.00	205	154.00	42
42.00	36	73.00	3664	116.00	249	155.00	260
43.00	130	74.00	14311	117.00	444	157.00	124
44.00	316	75.00	42680	118.00	241	159.00	55
45.00	816	76.00	3688	119.00	411	161.00	114
46.00	38	77.00	868	124.00	51	167.00	35
47.00	1677	78.00	404	127.00	40	170.00	77
48.00	611	79.00	2211	128.00	312	171.00	35
49.00	4061	80.00	588	129.00	104	172.00	99
50.00	18040	81.00	2012	130.00	308	173.00	837
51.00	5726	82.00	383	131.00	134	174.00	63288
52.00	339	86.00	116	135.00	165	175.00	5112
55.00	320	87.00	3681	137.00	91	176.00	61624
56.00	1395	88.00	3601	140.00	41	177.00	3870
57.00	2293	91.00	331	141.00	734	178.00	55
58.00	100	92.00	2114	142.00	118	194.00	40
60.00	797	93.00	3500	143.00	767	203.00	35
61.00	4292	94.00	9613	144.00	73	207.00	98
62.00	4298	95.00	81904	145.00	47	208.00	50
63.00	2842	96.00	5526	146.00	166	229.00	42
64.00	247	97.00	213	148.00	247		
66.00	53	104.00	403	149.00	47		

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32304.d
Report Date: 23-Nov-2009 07:44

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32304.d
Lab Smp Id: BFB
Inj Date : 23-NOV-2009 07:34
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/VOABFB.m
Meth Date : 08-Apr-2009 22:49 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.451	2.480 (0.000)	95	78688			0.00- 100.00	100.00
2.451	2.480 (0.000)	50	17192			15.00- 40.00	21.85
2.451	2.480 (0.000)	75	40648			30.00- 60.00	51.66
2.451	2.480 (0.000)	96	5551			5.00- 9.00	7.05
2.451	2.480 (0.000)	173	926			0.00- 2.00	1.53
2.451	2.480 (0.000)	174	60360			50.00- 100.00	76.71
2.451	2.480 (0.000)	175	4580			5.00- 9.00	7.59
2.451	2.480 (0.000)	176	59088			95.00- 101.00	97.89
2.451	2.480 (0.000)	177	3372			5.00- 9.00	5.71

Data File: p32304.d

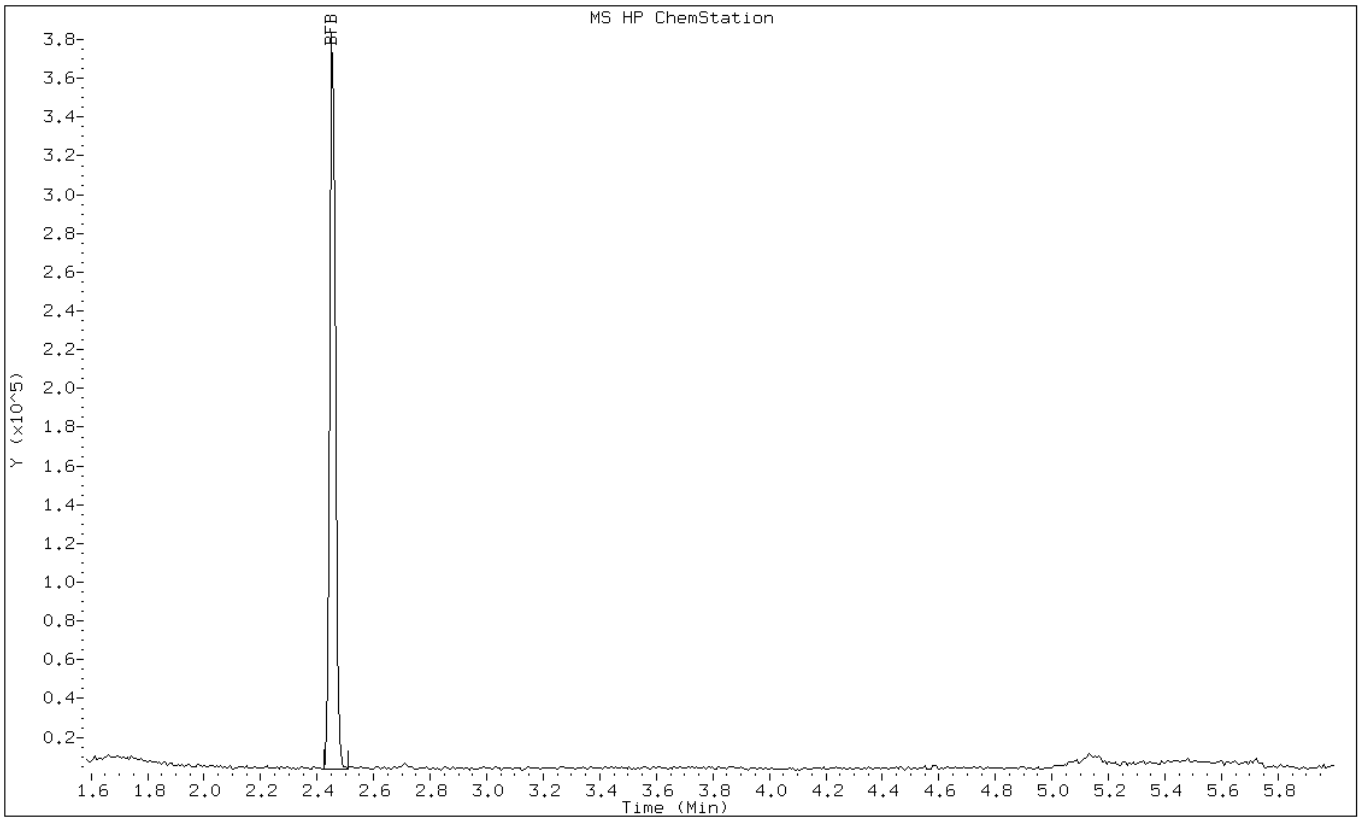
Date: 23-NOV-2009 07:34

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1



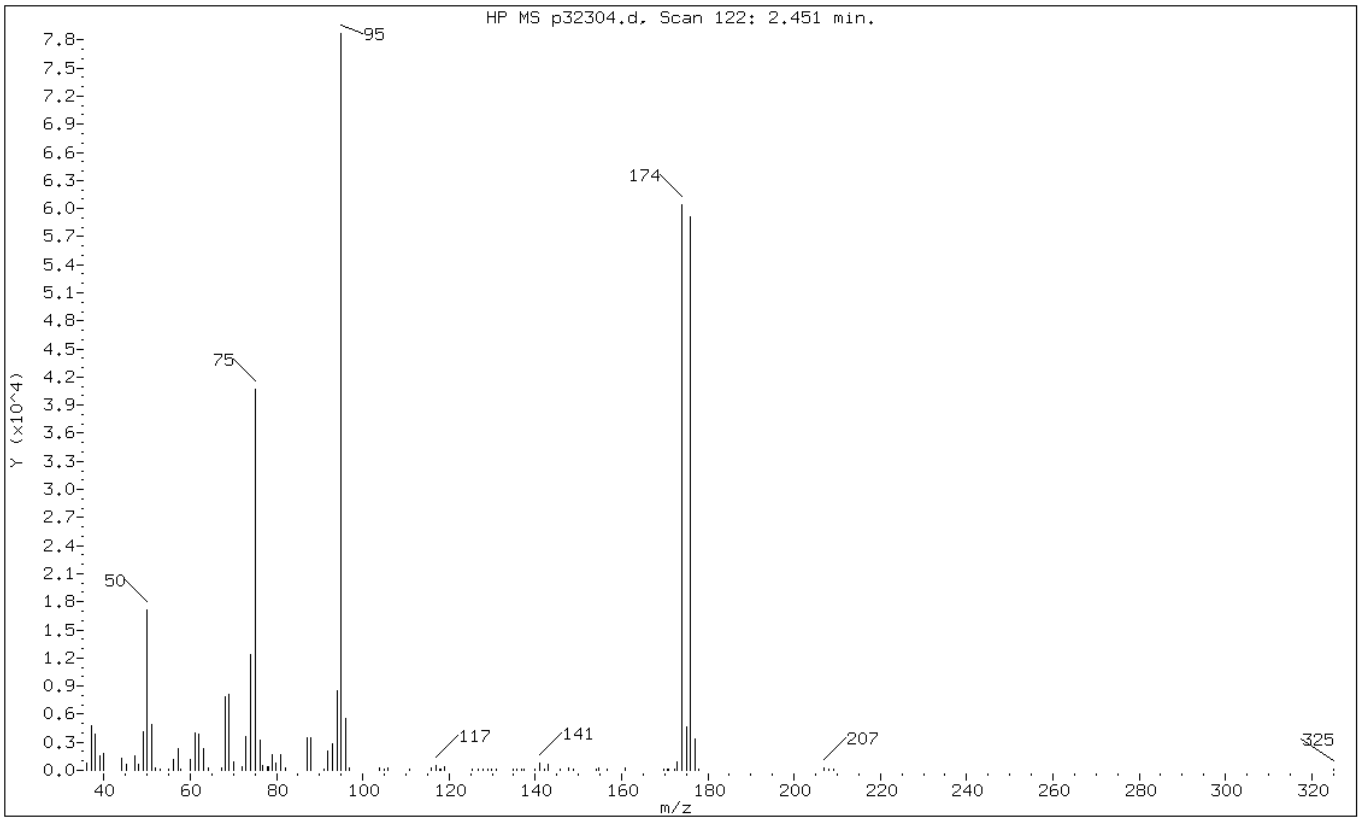
Data File: p32304.d

Date: 23-NOV-2009 07:34

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.85
75	30.00 - 60.00% of mass 95	51.66
96	5.00 - 9.00% of mass 95	7.05
173	Less than 2.00% of mass 174	1.18 (1.53)
174	50.00 - 100.00% of mass 95	76.71
175	5.00 - 9.00% of mass 174	5.82 (7.59)
176	95.00 - 101.00% of mass 174	75.09 (97.89)
177	5.00 - 9.00% of mass 176	4.29 (5.71)

Data File: p32304.d

Date: 23-NOV-2009 07:34

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32304.d
Spectrum: HP MS p32304.d, Scan 122: 2.451 min.
Location of Maximum: 95.00
Number of points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	790	68.00	7836	103.90	271	147.80	306
37.00	4741	69.00	8103	105.10	111	148.80	107
38.00	3880	70.00	899	105.90	302	154.20	102
39.10	1556	72.10	446	110.90	118	154.80	236
40.00	1827	73.00	3605	115.90	213	156.80	163
44.00	1315	74.00	12373	116.90	504	160.90	200
45.10	654	75.10	40648	117.80	138	169.80	124
47.10	1486	76.10	3175	118.00	129	170.50	121
48.10	630	76.90	544	118.90	426	170.80	103
49.00	4099	77.80	354	125.30	113	172.20	177
50.10	17192	78.20	334	126.70	171	172.90	926
51.10	4834	78.90	1707	128.00	114	174.00	60360
52.00	276	79.90	722	129.10	115	175.00	4580
53.10	109	81.00	1623	129.80	164	176.00	59088
55.00	179	82.10	284	131.00	150	177.00	3372
56.00	1109	87.00	3527	135.00	185	177.90	180
57.10	2337	88.00	3472	135.80	149	207.00	317
57.90	186	90.90	139	136.80	151	208.00	125
60.10	1166	92.00	2041	137.50	118	209.10	124
61.00	4010	93.00	2814	139.80	108	325.10	106
62.10	3889	94.10	8506	140.90	744		
63.10	2337	95.00	78688	142.10	175		
64.10	248	96.10	5551	143.00	656		
67.20	307	96.90	235	145.80	165		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-23541/4

Matrix: Water Lab File ID: p32309.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 09:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-23541/4

Matrix: Water | Lab File ID: p32309.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 09:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106	70-122	
2037-26-5	Toluene-d8 (Surr)	118	69-125	
460-00-4	Bromofluorobenzene	98	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-23541/4

Matrix: Water Lab File ID: p32309.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 09:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32309.d
Report Date: 23-Nov-2009 10:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32309.d
Lab Smp Id: MB
Inj Date : 23-NOV-2009 09:50
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	237691	52.9890	53
* 52 Fluorobenzene	96	3.230	3.230	(1.000)	995839	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.684	4.684	(0.721)	687544	59.2314	59
* 78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	676547	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	227945	49.0310	49
* 108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	379617	50.0000	

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32309.d
Report Date: 23-Nov-2009 10:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32309.d
Lab Smp Id: MB
Inj Date : 23-NOV-2009 09:50
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p32309.d

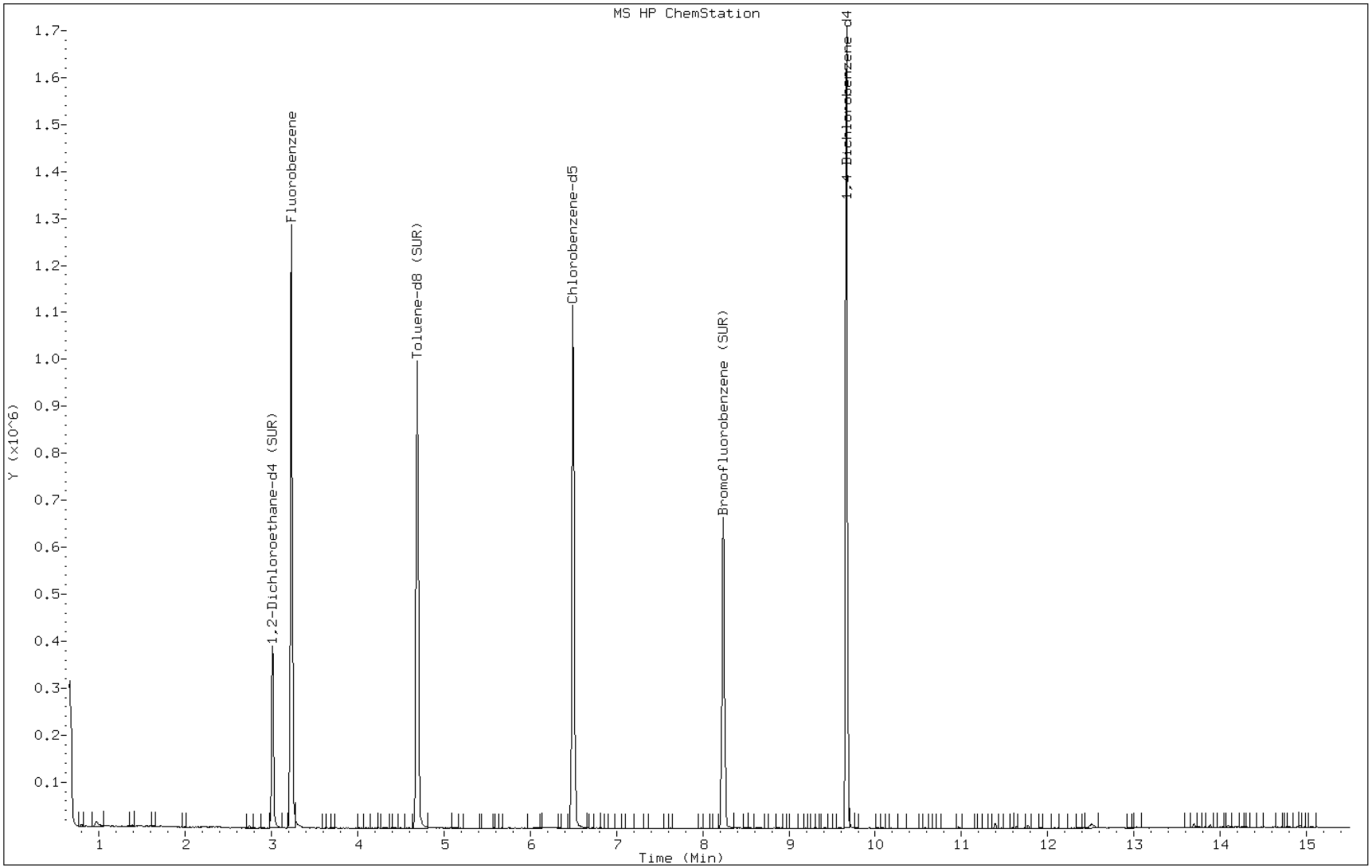
Date: 23-NOV-2009 09:50

Client ID:

Instrument: VOAMS13.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-23604/5

Matrix: Water Lab File ID: p32339.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 22:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
76-13-1	Freon TF	1.0	U	1.0	0.28
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
1634-04-4	MTBE	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-23604/5

Matrix: Water Lab File ID: p32339.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 22:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	70-122	
2037-26-5	Toluene-d8 (Surr)	113	69-125	
460-00-4	Bromofluorobenzene	93	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-23604/5

Matrix: Water Lab File ID: p32339.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 22:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-23541/3

Matrix: Water Lab File ID: p32307.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 08:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	14.7		1.0	0.29
74-87-3	Chloromethane	16.3		1.0	0.21
74-83-9	Bromomethane	15.0		1.0	0.31
75-01-4	Vinyl chloride	18.7		1.0	0.13
75-00-3	Chloroethane	18.3		1.0	0.45
75-69-4	Trichlorofluoromethane	17.7		1.0	0.16
76-13-1	Freon TF	16.4		1.0	0.28
75-09-2	Methylene Chloride	18.1		1.0	0.19
67-64-1	Acetone	15.0		10	2.5
75-15-0	Carbon disulfide	19.1		1.0	0.15
79-20-9	Methyl acetate	13.1		2.0	0.33
75-35-4	1,1-Dichloroethene	21.0		1.0	0.14
75-34-3	1,1-Dichloroethane	17.6		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.14
1634-04-4	MTBE	17.5		1.0	0.18
67-66-3	Chloroform	18.1		1.0	0.15
107-06-2	1,2-Dichloroethane	16.3		1.0	0.24
78-93-3	2-Butanone	16.0		10	0.82
71-55-6	1,1,1-Trichloroethane	18.4		1.0	0.25
110-82-7	Cyclohexane	17.9		1.0	0.13
56-23-5	Carbon tetrachloride	16.4		1.0	0.19
75-27-4	Bromodichloromethane	17.8		1.0	0.093
78-87-5	1,2-Dichloropropane	18.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.4		1.0	0.11
79-01-6	Trichloroethene	17.2		1.0	0.18
108-87-2	Methylcyclohexane	16.4		1.0	0.090
124-48-1	Dibromochloromethane	18.4		1.0	0.11
79-00-5	1,1,2-Trichloroethane	17.7		1.0	0.10
71-43-2	Benzene	18.8		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	17.8		1.0	0.12
75-25-2	Bromoform	18.9		1.0	0.10
98-82-8	Isopropylbenzene	19.9		1.0	0.21
108-10-1	4-Methyl-2-pentanone	14.4		10	0.68
591-78-6	2-Hexanone	14.4		10	0.55
127-18-4	Tetrachloroethene	19.8		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-23541/3

Matrix: Water | Lab File ID: p32307.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 08:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.5		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.0	0.090
108-90-7	Chlorobenzene	18.0		1.0	0.16
100-41-4	Ethylbenzene	17.7		1.0	0.25
1330-20-7	Xylenes, Total	54.3		3.0	0.43
100-42-5	Styrene	17.8		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	15.7		1.0	0.15
541-73-1	1,3-Dichlorobenzene	18.0		1.0	0.22
106-46-7	1,4-Dichlorobenzene	18.2		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.1		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.44
106-93-4	1,2-Dibromoethane	17.1		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	70-122	
2037-26-5	Toluene-d8 (Surr)	114	69-125	
460-00-4	Bromofluorobenzene	94	69-135	

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32307.d
Report Date: 23-Nov-2009 09:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32307.d
Lab Smp Id: LCS
Inj Date : 23-NOV-2009 08:55
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	80304	14.7120	15
3 Chloromethane	50	0.845	0.845	(0.262)	127595	16.2889	16
4 Vinyl Chloride	62	0.845	0.845	(0.262)	131547	18.7259	19
6 Bromomethane	94	0.981	0.974	(0.304)	43100	15.0339	15
5 Chloroethane	64	1.031	1.024	(0.319)	74272	18.3082	18
7 Trichlorofluoromethane	101	1.088	1.081	(0.337)	134217	17.7215	18
10 Isoprene	67	1.217	1.210	(0.377)	145300	17.4796	17
11 Ethyl Ether	59	1.224	1.224	(0.379)	95364	18.0096	18
13 Acrolein	56	1.475	1.475	(0.457)	9981	14.6121	15
15 1,1-Dichloroethene	96	1.310	1.310	(0.406)	72360	20.9853	21
14 Freon TF	101	1.332	1.325	(0.412)	75198	16.4293	16
16 Acetone	58	1.633	1.625	(0.505)	12194	14.9746	15
18 Carbon Disulfide	76	1.325	1.317	(0.410)	284120	19.1439	19
19 Isopropanol	45	1.575	1.582	(0.488)	1206221	2048.09	2000
21 Acetonitrile	39	1.876	1.876	(0.581)	61654	310.467	310
27 Methyl Acetate	74	1.690	1.690	(0.523)	27865	13.0587	13

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32307.d
Report Date: 23-Nov-2009 09:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.597	1.597	(0.494)	91786	18.0864	18
	24 TBA	59	1.805	1.812	(0.559)	201017	246.587	250
	25 trans-1,2-Dichloroethene	96	1.676	1.668	(0.519)	83748	18.3050	18
	26 Acrylonitrile	53	2.048	2.048	(0.634)	51085	16.5191	16
	28 MTBE	73	1.740	1.740	(0.539)	295872	17.5255	18
	29 Hexane	56	1.711	1.711	(0.530)	95212	18.4086	18
	30 1,1-Dichloroethane	63	2.005	2.005	(0.621)	180674	17.5640	18
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	128593	14.8823	15
	32 DIPE	45	1.948	1.948	(0.603)	419949	18.6122	19
	34 n-Propanol	60	2.220	2.227	(0.687)	63447	2401.08	2400
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	349062	18.5812	18
	37 2,2-Dichloropropane	77	2.399	2.392	(0.743)	138492	19.6965	20
	36 cis-1,2-Dichloroethene	96	2.335	2.327	(0.723)	94248	18.1593	18
	38 2-Butanone	72	2.736	2.743	(0.847)	17047	15.9555	16
	39 Ethyl Acetate	70	2.621	2.621	(0.811)	21156	30.0950	30
	40 Bromochloromethane	128	2.456	2.456	(0.760)	42343	17.9131	18
	41 Tetrahydrofuran	42	2.621	2.621	(0.811)	52008	13.4555	13
	42 Chloroform	83	2.514	2.514	(0.778)	156395	18.1007	18
	43 1,1,1-Trichloroethane	97	2.636	2.635	(0.816)	128704	18.4391	18
	44 Cyclohexane	56	2.442	2.442	(0.756)	195772	17.8858	18
	45 Carbon Tetrachloride	117	2.585	2.585	(0.800)	108000	16.3929	16
	46 1,1-Dichloropropene	75	2.729	2.721	(0.845)	124513	18.4611	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	236580	49.3929	49
	48 Benzene	78	2.901	2.900	(0.446)	387714	18.8172	19
	49 1,2-Dichloroethane	62	3.058	3.058	(0.947)	128850	16.2811	16
	51 n-Heptane	57	2.893	2.893	(0.896)	70816	16.1730	16
	50 t-Amyl-methyl-ether	73	3.015	3.015	(0.933)	278887	18.1588	18
	61 Isopropyl Acetate	43	3.309	3.309	(1.024)	424105	30.1913	30
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	1063350	50.0000	
	54 Trichloroethene	95	3.359	3.359	(1.040)	90722	17.2084	17
	53 n-Butanol	56	3.746	3.753	(1.160)	174154	1276.11	1300
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	158657	16.4331	16
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	138539	15.5070	16
	57 1,2-Dichloropropane	63	3.810	3.803	(1.180)	109112	18.0677	18
	58 Dibromomethane	93	3.710	3.710	(1.149)	56004	17.4794	17(R)
	60 1,4-Dioxane	88	4.097	4.097	(1.268)	198846	2365.63	2400
	59 Methyl Methacrylate	100	4.082	4.082	(1.264)	24265	15.9896	16
	75 Propyl Acetate	43	4.240	4.240	(1.313)	327308	29.4404	29
	68 Bromodichloromethane	83	3.882	3.882	(1.202)	121945	17.8158	18
	62 2-Chloroethyl Vinyl Ether	63	4.484	4.484	(1.388)	70663	16.0946	16
	63 Epichlorohydrin	57	4.784	4.784	(0.736)	222357	293.991	290
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	157285	18.4438	18
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.804)	103368	14.3929	14
$	65 Toluene-d8 (SUR)	98	4.684	4.684	(0.721)	710978	57.1624	57
	66 Toluene	91	4.741	4.734	(0.730)	400629	18.5430	18
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.806)	142460	17.7794	18
	69 1,1,2-Trichloroethane	83	5.408	5.400	(0.832)	70886	17.7055	18

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32307.d
Report Date: 23-Nov-2009 09:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	5.143	5.143	(0.792)	91756	19.8195	20
	72 1,3-Dichloropropane	76	5.708	5.708	(0.879)	152277	17.5642	18
	73 2-Hexanone	43	6.253	6.253	(0.962)	80279	14.3507	14
	74 Dibromochloromethane	129	5.587	5.587	(0.860)	86539	18.3897	18
	76 Butyl Acetate	73	6.196	6.195	(0.954)	47461	29.9770	30
	77 1,2-Dibromoethane	107	5.816	5.816	(0.895)	80405	17.0953	17
*	78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	724928	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.003)	236995	18.0198	18
	80 1,1,1,2-Tetrachloroethane	131	6.632	6.632	(1.021)	80676	18.2191	18
	81 Ethylbenzene	106	6.604	6.604	(1.017)	127925	17.6586	18
	82 m+p-Xylene	106	6.819	6.819	(1.050)	318902	36.1491	36
	84 o-Xylene	106	7.392	7.392	(1.138)	153326	18.1827	18
	85 Styrene	104	7.478	7.478	(1.151)	264887	17.8362	18
	83 Butyl Acrylate	73	7.829	7.829	(1.205)	67874	16.9282	17
	86 Bromoform	173	7.449	7.449	(1.147)	58432	18.8869	19
	87 Amyl Acetate	43	8.244	8.244	(0.853)	161269	48.8041	49(R)
	88 Isopropylbenzene	105	7.879	7.879	(1.213)	410463	19.8695	20
$	89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	230453	46.8700	47
	90 Camphene (total)	93	7.965	7.972	(1.226)	152861	17.4796	17
	91 Bromobenzene	156	8.337	8.337	(0.862)	103991	18.2400	18
	92 1,1,2,2-Tetrachloroethane	83	8.652	8.652	(0.895)	112801	17.2776	17
	93 1,2,3-Trichloropropane	110	8.767	8.767	(0.907)	31702	16.4864	16
	94 trans-1,4-Dichloro-2-butene	53	8.882	8.882	(0.918)	41446	16.3397	16
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	496383	16.3181	16
	96 2-Chlorotoluene	91	8.652	8.652	(0.895)	294581	17.6108	18
	97 1,3,5-Trimethylbenzene	105	8.824	8.824	(0.913)	328084	15.5051	16
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	325952	17.9027	18
	99 Butyl Methacrylate	87	9.311	9.311	(0.963)	115716	18.3852	18
	100 tert-Butylbenzene	119	9.197	9.197	(0.951)	295921	16.4883	16
	101 1,2,4-Trimethylbenzene	105	9.290	9.290	(0.961)	341979	15.4421	15
	102 2-Octanone	43	9.920	9.920	(1.026)	162045	14.5400	14
	103 sec-Butylbenzene	105	9.405	9.405	(0.973)	444323	16.6252	17
	105 1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	202973	18.0357	18
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	376070	16.1953	16
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	401489	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	214602	18.2025	18
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	235085	19.0640	19
	106 n-Butylbenzene	91	10.021	10.021	(1.036)	361002	16.6927	17
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	200957	18.1216	18
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	25167	15.7093	16
	113 Camphor	95	11.611	11.611	(1.201)	63021	70.0025	70
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	154641	18.6054	19
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	66980	16.1366	16
	116 Naphthalene	128	11.632	11.632	(1.203)	419319	17.6459	18
	117 1,2,3-Trichlorobenzene	180	11.776	11.775	(1.218)	142793	18.3221	18
M	120 1,2-Dichloroethene (Total)	100				177997	36.4551	36
M	121 Xylene (Total)	100				472229	54.3286	54

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32307.d
Report Date: 23-Nov-2009 09:10

QC Flag Legend

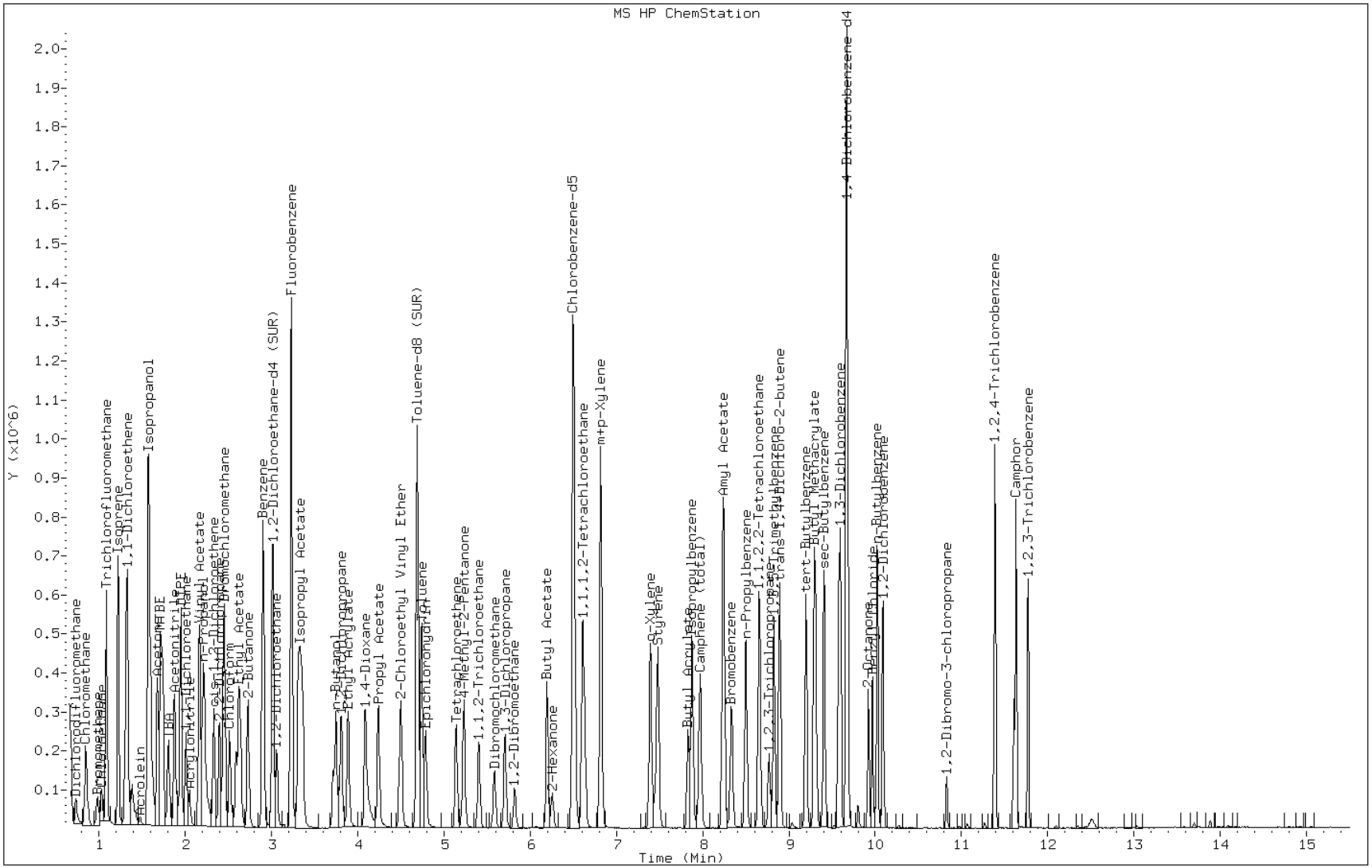
R - Spike/Surrogate failed recovery limits.

Data File: p32307.d

Date: 23-NOV-2009 08:55

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-23604/3

Matrix: Water Lab File ID: p32336.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 20:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	15.3		1.0	0.29
74-87-3	Chloromethane	16.7		1.0	0.21
74-83-9	Bromomethane	16.8		1.0	0.31
75-01-4	Vinyl chloride	19.5		1.0	0.13
75-00-3	Chloroethane	17.8		1.0	0.45
75-69-4	Trichlorofluoromethane	18.3		1.0	0.16
76-13-1	Freon TF	17.2		1.0	0.28
75-09-2	Methylene Chloride	18.6		1.0	0.19
67-64-1	Acetone	18.2		10	2.5
75-15-0	Carbon disulfide	19.6		1.0	0.15
79-20-9	Methyl acetate	14.7		2.0	0.33
75-35-4	1,1-Dichloroethene	21.6		1.0	0.14
75-34-3	1,1-Dichloroethane	17.9		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.14
1634-04-4	MTBE	18.2		1.0	0.18
67-66-3	Chloroform	18.5		1.0	0.15
107-06-2	1,2-Dichloroethane	16.9		1.0	0.24
78-93-3	2-Butanone	18.8		10	0.82
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.25
110-82-7	Cyclohexane	18.1		1.0	0.13
56-23-5	Carbon tetrachloride	17.0		1.0	0.19
75-27-4	Bromodichloromethane	17.9		1.0	0.093
78-87-5	1,2-Dichloropropane	18.4		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.4		1.0	0.11
79-01-6	Trichloroethene	17.8		1.0	0.18
108-87-2	Methylcyclohexane	17.2		1.0	0.090
124-48-1	Dibromochloromethane	18.1		1.0	0.11
79-00-5	1,1,2-Trichloroethane	17.4		1.0	0.10
71-43-2	Benzene	18.8		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.12
75-25-2	Bromoform	19.8		1.0	0.10
98-82-8	Isopropylbenzene	20.5		1.0	0.21
108-10-1	4-Methyl-2-pentanone	17.3		10	0.68
591-78-6	2-Hexanone	18.0		10	0.55
127-18-4	Tetrachloroethene	20.4		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-23604/3

Matrix: Water Lab File ID: p32336.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 20:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.9		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	18.3		1.0	0.090
108-90-7	Chlorobenzene	18.4		1.0	0.16
100-41-4	Ethylbenzene	18.3		1.0	0.25
1330-20-7	Xylenes, Total	55.0		3.0	0.43
100-42-5	Styrene	18.1		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	16.7		1.0	0.15
541-73-1	1,3-Dichlorobenzene	18.3		1.0	0.22
106-46-7	1,4-Dichlorobenzene	18.4		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.1		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	18.5		1.0	0.44
106-93-4	1,2-Dibromoethane	17.3		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	70-122	
2037-26-5	Toluene-d8 (Surr)	115	69-125	
460-00-4	Bromofluorobenzene	95	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 Lab Sample ID: 460-7904-2 MS

Matrix: Water Lab File ID: p32313.d

Analysis Method: 8260B Date Collected: 11/12/2009 10:40

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 11:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23541 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	15.7		1.0	0.29
74-87-3	Chloromethane	17.3		1.0	0.21
74-83-9	Bromomethane	16.7		1.0	0.31
75-01-4	Vinyl chloride	20.4		1.0	0.13
75-00-3	Chloroethane	19.9		1.0	0.45
75-69-4	Trichlorofluoromethane	19.1		1.0	0.16
76-13-1	Freon TF	17.4		1.0	0.28
75-09-2	Methylene Chloride	19.3		1.0	0.19
67-64-1	Acetone	16.0		10	2.5
75-15-0	Carbon disulfide	20.5		1.0	0.15
79-20-9	Methyl acetate	14.4		2.0	0.33
75-35-4	1,1-Dichloroethene	22.4		1.0	0.14
75-34-3	1,1-Dichloroethane	18.5		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.14
1634-04-4	MTBE	18.4		1.0	0.18
67-66-3	Chloroform	19.4		1.0	0.15
107-06-2	1,2-Dichloroethane	17.3		1.0	0.24
78-93-3	2-Butanone	16.5		10	0.82
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.25
110-82-7	Cyclohexane	18.7		1.0	0.13
56-23-5	Carbon tetrachloride	17.2		1.0	0.19
75-27-4	Bromodichloromethane	18.9		1.0	0.093
78-87-5	1,2-Dichloropropane	18.5		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.11
79-01-6	Trichloroethene	18.1		1.0	0.18
108-87-2	Methylcyclohexane	16.9		1.0	0.090
124-48-1	Dibromochloromethane	19.5		1.0	0.11
79-00-5	1,1,2-Trichloroethane	18.8		1.0	0.10
71-43-2	Benzene	19.7		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.12
75-25-2	Bromoform	20.3		1.0	0.10
98-82-8	Isopropylbenzene	21.2		1.0	0.21
108-10-1	4-Methyl-2-pentanone	15.3		10	0.68
591-78-6	2-Hexanone	16.0		10	0.55
127-18-4	Tetrachloroethene	20.5		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2 MS

Matrix: Water | Lab File ID: p32313.d

Analysis Method: 8260B | Date Collected: 11/12/2009 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 11:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.8		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	18.0		1.0	0.090
108-90-7	Chlorobenzene	18.8		1.0	0.16
100-41-4	Ethylbenzene	18.8		1.0	0.25
1330-20-7	Xylenes, Total	57.7		3.0	0.43
100-42-5	Styrene	18.5		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	16.6		1.0	0.15
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.22
106-46-7	1,4-Dichlorobenzene	18.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.8		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	18.9		1.0	0.44
106-93-4	1,2-Dibromoethane	18.0		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
2037-26-5	Toluene-d8 (Surr)	115	69-125	
460-00-4	Bromofluorobenzene	96	69-135	

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32313.d
Report Date: 23-Nov-2009 12:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32313.d
Lab Smp Id: 460-7904-E-2 MS Client Smp ID: GW-017338-111209-AC
Inj Date : 23-NOV-2009 11:35
Operator : Inst ID: VOAMS13.i
Smp Info : 460-7904-E-2 MS
Misc Info : 460-7904-E-2 MS
Comment   :
Method   : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 9 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	80014	15.7246	16
3 Chloromethane	50	0.852	0.845	(0.264)	126419	17.3121	17
4 Vinyl Chloride	62	0.845	0.845	(0.262)	133438	20.3760	20
6 Bromomethane	94	0.981	0.974	(0.304)	44508	16.6537	17
5 Chloroethane	64	1.031	1.024	(0.319)	75103	19.8589	20
7 Trichlorofluoromethane	101	1.088	1.081	(0.337)	134885	19.1046	19
10 Isoprene	67	1.217	1.210	(0.377)	136397	17.6016	18
11 Ethyl Ether	59	1.224	1.224	(0.379)	90506	18.3348	18
13 Acrolein	56	1.482	1.475	(0.459)	12939	20.3193	20
15 1,1-Dichloroethene	96	1.317	1.310	(0.408)	72102	22.4306	22
14 Freon TF	101	1.332	1.325	(0.412)	74427	17.4429	17
16 Acetone	58	1.625	1.625	(0.503)	12142	15.9951	16
18 Carbon Disulfide	76	1.325	1.317	(0.410)	283733	20.5077	20
19 Isopropanol	45	1.575	1.582	(0.488)	1229436	2239.28	2200
21 Acetonitrile	39	1.876	1.876	(0.581)	63157	341.161	340
27 Methyl Acetate	74	1.690	1.690	(0.523)	28678	14.4169	14

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32313.d
Report Date: 23-Nov-2009 12:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.597	1.597	(0.494)	91236	19.2851	19
	24 TBA	59	1.805	1.812	(0.559)	205521	270.440	270
	25 trans-1,2-Dichloroethene	96	1.676	1.668	(0.519)	81746	19.1663	19
	26 Acrylonitrile	53	2.048	2.048	(0.634)	55352	19.2002	19
	28 MTBE	73	1.740	1.740	(0.539)	290178	18.4378	18
	29 Hexane	56	1.711	1.711	(0.530)	93179	19.3255	19
	30 1,1-Dichloroethane	63	2.012	2.005	(0.623)	177851	18.5467	18
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	121647	15.1020	15
	32 DIPE	45	1.948	1.948	(0.603)	410787	19.5298	20
	34 n-Propanol	60	2.220	2.227	(0.687)	65258	2649.17	2600
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	338369	19.3216	19
	37 2,2-Dichloropropane	77	2.399	2.392	(0.743)	138642	21.1514	21
	36 cis-1,2-Dichloroethene	96	2.335	2.327	(0.723)	89968	18.5950	18
	38 2-Butanone	72	2.736	2.743	(0.847)	16404	16.4708	16
	39 Ethyl Acetate	70	2.621	2.621	(0.811)	22569	34.4403	34
	40 Bromochloromethane	128	2.456	2.456	(0.760)	41466	18.8175	19
	41 Tetrahydrofuran	42	2.621	2.621	(0.811)	52071	14.4514	14
	42 Chloroform	83	2.514	2.514	(0.778)	156283	19.4029	19
	43 1,1,1-Trichloroethane	97	2.643	2.635	(0.818)	129598	19.9172	20
	44 Cyclohexane	56	2.442	2.442	(0.756)	190385	18.6582	19
	45 Carbon Tetrachloride	117	2.592	2.585	(0.803)	105717	17.2130	17
	46 1,1-Dichloropropene	75	2.729	2.721	(0.845)	123226	19.5986	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	232059	51.9715	52
	48 Benzene	78	2.908	2.900	(0.448)	378962	19.6965	20
	49 1,2-Dichloroethane	62	3.065	3.058	(0.949)	127521	17.2847	17
	51 n-Heptane	57	2.893	2.893	(0.896)	67473	16.5301	16
	50 t-Amyl-methyl-ether	73	3.015	3.015	(0.933)	265960	18.5761	18
	61 Isopropyl Acetate	43	3.309	3.309	(1.024)	419480	32.0332	32
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	991280	50.0000	
	54 Trichloroethene	95	3.366	3.359	(1.042)	89072	18.1239	18
	53 n-Butanol	56	3.746	3.753	(1.160)	187345	1442.51	1400
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	151669	16.8514	17
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	138904	16.6783	17
	57 1,2-Dichloropropane	63	3.810	3.803	(1.180)	103907	18.4568	18
	58 Dibromomethane	93	3.717	3.710	(1.151)	53981	18.0731	18
	60 1,4-Dioxane	88	4.097	4.097	(1.268)	190553	2431.79	2400
	59 Methyl Methacrylate	100	4.082	4.082	(1.264)	23157	16.3691	16
	75 Propyl Acetate	43	4.240	4.240	(1.313)	319104	30.7893	31
	68 Bromodichloromethane	83	3.882	3.882	(1.202)	120495	18.8839	19
	63 Epichlorohydrin	57	4.784	4.784	(0.736)	192046	271.919	270
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	154338	19.3815	19
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.804)	102918	15.3462	15
$	65 Toluene-d8 (SUR)	98	4.684	4.684	(0.721)	665611	57.3093	57
	66 Toluene	91	4.741	4.734	(0.730)	379703	18.8206	19
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.806)	139430	18.6350	19
	69 1,1,2-Trichloroethane	83	5.408	5.400	(0.832)	70229	18.7852	19
	71 Tetrachloroethene	166	5.143	5.143	(0.792)	88634	20.5024	20

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32313.d
Report Date: 23-Nov-2009 12:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	72 1,3-Dichloropropane	76	5.708	5.708	(0.879)	147581	18.2295	18
	73 2-Hexanone	43	6.253	6.253	(0.962)	83580	16.0002	16
	74 Dibromochloromethane	129	5.587	5.587	(0.860)	85643	19.4896	19
	76 Butyl Acetate	73	6.195	6.195	(0.954)	48735	32.9644	33
	77 1,2-Dibromoethane	107	5.816	5.816	(0.895)	79119	18.0145	18
*	78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	676931	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.003)	230691	18.7842	19
	80 1,1,1,2-Tetrachloroethane	131	6.632	6.632	(1.021)	77607	18.7688	19
	81 Ethylbenzene	106	6.604	6.604	(1.017)	126940	18.7650	19
	82 m+p-Xylene	106	6.819	6.819	(1.050)	317099	38.4934	38
	84 o-Xylene	106	7.392	7.392	(1.138)	150963	19.1718	19
	85 Styrene	104	7.478	7.478	(1.151)	256774	18.5159	18
	83 Butyl Acrylate	73	7.829	7.829	(1.205)	68019	18.1671	18
	86 Bromoform	173	7.449	7.449	(1.147)	58599	20.2840	20
	87 Amyl Acetate	43	8.244	8.244	(0.853)	163028	51.7030	52(R)
	88 Isopropylbenzene	105	7.879	7.879	(1.213)	408416	21.1722	21
$	89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	225186	47.9957	48
	90 Camphene (total)	93	7.965	7.972	(1.226)	51134	6.26173	6.3(R)
	91 Bromobenzene	156	8.337	8.337	(0.862)	102835	18.9025	19
	92 1,1,2,2-Tetrachloroethane	83	8.652	8.652	(0.895)	112067	17.9886	18
	93 1,2,3-Trichloropropane	110	8.767	8.767	(0.907)	30979	16.8834	17
	94 trans-1,4-Dichloro-2-butene	53	8.882	8.882	(0.918)	42746	17.6607	18
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	496927	17.1196	17
	96 2-Chlorotoluene	91	8.652	8.652	(0.895)	296229	18.5588	18
	97 1,3,5-Trimethylbenzene	105	8.824	8.824	(0.913)	334568	16.5699	16
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	326392	18.7867	19
	99 Butyl Methacrylate	87	9.311	9.311	(0.963)	112765	18.7758	19
	100 tert-Butylbenzene	119	9.197	9.197	(0.951)	293194	17.1200	17
	101 1,2,4-Trimethylbenzene	105	9.290	9.290	(0.961)	344443	16.2995	16
	102 2-Octanone	43	9.920	9.920	(1.026)	167706	15.7698	16
	103 sec-Butylbenzene	105	9.405	9.405	(0.973)	448114	17.5714	18
	105 1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	202334	18.8413	19
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	376096	16.9734	17
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	383112	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	209431	18.6160	19
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	230663	19.6027	20
	106 n-Butylbenzene	91	10.021	10.021	(1.036)	363210	17.6005	18
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	199287	18.8331	19
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	25389	16.6079	17
	113 Camphor	95	11.611	11.611	(1.201)	66079	76.9208	77
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	150222	18.9408	19
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	65491	16.5348	16
	116 Naphthalene	128	11.632	11.632	(1.203)	405630	17.8886	18
	117 1,2,3-Trichlorobenzene	180	11.775	11.775	(1.218)	134408	18.0736	18
M	120 1,2-Dichloroethene (Total)	100				171714	37.7253	38
M	121 Xylene (Total)	100				468063	57.6675	58

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32313.d
Report Date: 23-Nov-2009 12:45

QC Flag Legend

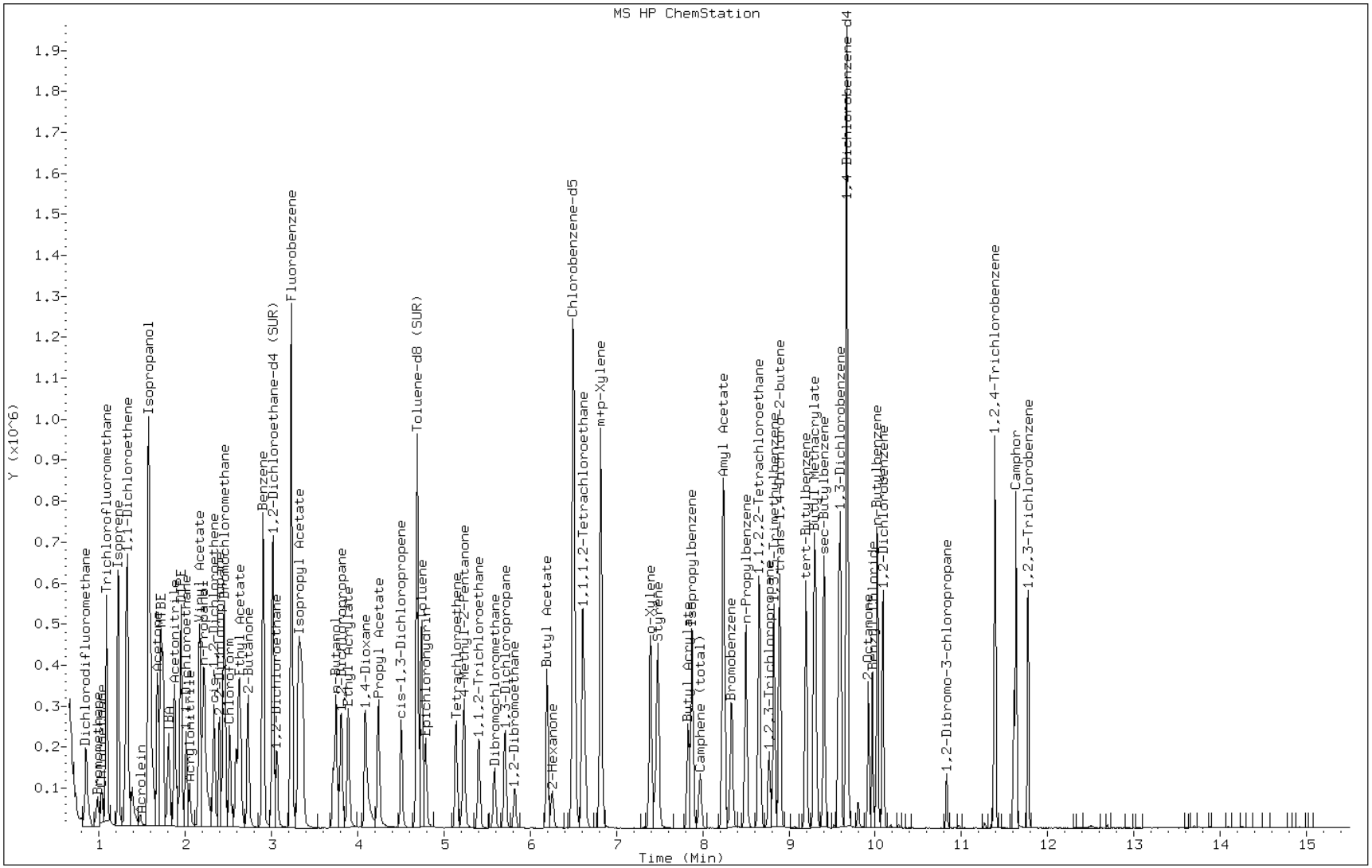
R - Spike/Surrogate failed recovery limits.

Data File: p32313.d

Date: 23-NOV-2009 11:35

Client ID: GW-017338-111209-AC Instrument: VOAMS13.i

Sample Info: 460-7904-E-2 MS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-8015-C-3 MS

Matrix: Water | Lab File ID: p32341.d

Analysis Method: 8260B | Date Collected: 11/11/2009 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 23:06

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23604 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	159		10	2.9
74-87-3	Chloromethane	178		10	2.1
74-83-9	Bromomethane	170		10	3.1
75-01-4	Vinyl chloride	202		10	1.3
75-00-3	Chloroethane	174		10	4.5
75-69-4	Trichlorofluoromethane	191		10	1.6
76-13-1	Freon TF	171		10	2.8
75-09-2	Methylene Chloride	188		10	1.9
67-64-1	Acetone	213		100	25
75-15-0	Carbon disulfide	196		10	1.5
79-20-9	Methyl acetate	151		20	3.3
75-35-4	1,1-Dichloroethene	213		10	1.4
75-34-3	1,1-Dichloroethane	189		10	1.0
156-59-2	cis-1,2-Dichloroethene	189		10	2.0
156-60-5	trans-1,2-Dichloroethene	189		10	1.4
1634-04-4	MTBE	192		10	1.8
67-66-3	Chloroform	187		10	1.5
107-06-2	1,2-Dichloroethane	173		10	2.4
78-93-3	2-Butanone	197		100	8.2
71-55-6	1,1,1-Trichloroethane	198		10	2.5
110-82-7	Cyclohexane	295		10	1.3
56-23-5	Carbon tetrachloride	174		10	1.9
75-27-4	Bromodichloromethane	179		10	0.93
78-87-5	1,2-Dichloropropane	187		10	0.90
10061-01-5	cis-1,3-Dichloropropene	191		10	1.1
79-01-6	Trichloroethene	179		10	1.8
108-87-2	Methylcyclohexane	231		10	0.90
124-48-1	Dibromochloromethane	190		10	1.1
79-00-5	1,1,2-Trichloroethane	199		10	1.0
71-43-2	Benzene	2780		10	1.3
10061-02-6	trans-1,3-Dichloropropene	183		10	1.2
75-25-2	Bromoform	204		10	1.0
98-82-8	Isopropylbenzene	242		10	2.1
108-10-1	4-Methyl-2-pentanone	169		100	6.8
591-78-6	2-Hexanone	177		100	5.5
127-18-4	Tetrachloroethene	208		10	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-8015-C-3 MS

Matrix: Water Lab File ID: p32341.d

Analysis Method: 8260B Date Collected: 11/11/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 23:06

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	224		10	0.90
79-34-5	1,1,2,2-Tetrachloroethane	189		10	0.90
108-90-7	Chlorobenzene	189		10	1.6
100-41-4	Ethylbenzene	193		10	2.5
1330-20-7	Xylenes, Total	603		30	4.3
100-42-5	Styrene	185		10	1.3
96-12-8	1,2-Dibromo-3-Chloropropane	172		10	1.5
541-73-1	1,3-Dichlorobenzene	192		10	2.2
106-46-7	1,4-Dichlorobenzene	189		10	1.5
95-50-1	1,2-Dichlorobenzene	189		10	1.6
120-82-1	1,2,4-Trichlorobenzene	190		10	4.4
106-93-4	1,2-Dibromoethane	180		10	0.90

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107	70-122	
2037-26-5	Toluene-d8 (Surr)	118	69-125	
460-00-4	Bromofluorobenzene	99	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2 MSD

Matrix: Water | Lab File ID: p32314.d

Analysis Method: 8260B | Date Collected: 11/12/2009 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 11:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	15.5		1.0	0.29
74-87-3	Chloromethane	16.9		1.0	0.21
74-83-9	Bromomethane	16.8		1.0	0.31
75-01-4	Vinyl chloride	19.9		1.0	0.13
75-00-3	Chloroethane	19.6		1.0	0.45
75-69-4	Trichlorofluoromethane	18.4		1.0	0.16
76-13-1	Freon TF	16.8		1.0	0.28
75-09-2	Methylene Chloride	18.5		1.0	0.19
67-64-1	Acetone	15.1		10	2.5
75-15-0	Carbon disulfide	20.1		1.0	0.15
79-20-9	Methyl acetate	13.8		2.0	0.33
75-35-4	1,1-Dichloroethene	22.5		1.0	0.14
75-34-3	1,1-Dichloroethane	18.3		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.20
156-60-5	trans-1,2-Dichloroethene	18.7		1.0	0.14
1634-04-4	MTBE	18.1		1.0	0.18
67-66-3	Chloroform	18.6		1.0	0.15
107-06-2	1,2-Dichloroethane	16.7		1.0	0.24
78-93-3	2-Butanone	17.1		10	0.82
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.25
110-82-7	Cyclohexane	18.1		1.0	0.13
56-23-5	Carbon tetrachloride	17.0		1.0	0.19
75-27-4	Bromodichloromethane	18.3		1.0	0.093
78-87-5	1,2-Dichloropropane	18.2		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.11
79-01-6	Trichloroethene	17.5		1.0	0.18
108-87-2	Methylcyclohexane	16.7		1.0	0.090
124-48-1	Dibromochloromethane	19.1		1.0	0.11
79-00-5	1,1,2-Trichloroethane	18.3		1.0	0.10
71-43-2	Benzene	19.5		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.12
75-25-2	Bromoform	20.2		1.0	0.10
98-82-8	Isopropylbenzene	20.9		1.0	0.21
108-10-1	4-Methyl-2-pentanone	15.7		10	0.68
591-78-6	2-Hexanone	16.1		10	0.55
127-18-4	Tetrachloroethene	21.5		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2 MSD

Matrix: Water | Lab File ID: p32314.d

Analysis Method: 8260B | Date Collected: 11/12/2009 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 11:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23541 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.9		1.0	0.090
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.090
108-90-7	Chlorobenzene	18.4		1.0	0.16
100-41-4	Ethylbenzene	18.7		1.0	0.25
1330-20-7	Xylenes, Total	56.5		3.0	0.43
100-42-5	Styrene	18.4		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	16.3		1.0	0.15
541-73-1	1,3-Dichlorobenzene	18.7		1.0	0.22
106-46-7	1,4-Dichlorobenzene	18.4		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.4		1.0	0.16
120-82-1	1,2,4-Trichlorobenzene	19.1		1.0	0.44
106-93-4	1,2-Dibromoethane	17.9		1.0	0.090

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100	70-122	
2037-26-5	Toluene-d8 (Surr)	115	69-125	
460-00-4	Bromofluorobenzene	94	69-135	

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32314.d
Report Date: 23-Nov-2009 12:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32314.d
Lab Smp Id: 460-7904-D-2 MSD Client Smp ID: GW-017338-111209-AC
Inj Date : 23-NOV-2009 11:59
Operator : Inst ID: VOAMS13.i
Smp Info : 460-7904-D-2 MSD
Misc Info : 460-7904-D-2 MSD
Comment   :
Method   : /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/8260_09.m
Meth Date : 23-Nov-2009 08:59 desais Quant Type: ISTD
Cal Date : 21-OCT-2009 23:10 Cal File: p32031.d
Als bottle: 10 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.730	0.730	(0.226)	82238	15.4906	15
3 Chloromethane	50	0.852	0.845	(0.264)	128718	16.8951	17
4 Vinyl Chloride	62	0.845	0.845	(0.262)	135933	19.8950	20
6 Bromomethane	94	0.981	0.974	(0.304)	46765	16.7718	17
5 Chloroethane	64	1.031	1.024	(0.319)	77531	19.6495	20
7 Trichlorofluoromethane	101	1.088	1.081	(0.337)	135428	18.3849	18
10 Isoprene	67	1.217	1.210	(0.377)	140237	17.3456	17
11 Ethyl Ether	59	1.224	1.224	(0.379)	93518	18.1582	18
13 Acrolein	56	1.475	1.475	(0.457)	13031	19.6140	20
15 1,1-Dichloroethene	96	1.317	1.310	(0.408)	75470	22.5037	22
14 Freon TF	101	1.332	1.325	(0.412)	74964	16.8393	17
16 Acetone	58	1.633	1.625	(0.505)	11997	15.1476	15
18 Carbon Disulfide	76	1.325	1.317	(0.410)	290363	20.1155	20
19 Isopropanol	45	1.575	1.582	(0.488)	1295738	2262.04	2300
21 Acetonitrile	39	1.876	1.876	(0.581)	60108	311.206	310
27 Methyl Acetate	74	1.690	1.690	(0.523)	28571	13.7665	14

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32314.d
Report Date: 23-Nov-2009 12:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	1.597	1.597	(0.494)	91482	18.5340	18
	24 TBA	59	1.805	1.812	(0.559)	219541	276.893	280
	25 trans-1,2-Dichloroethene	96	1.676	1.668	(0.519)	83259	18.7106	19
	26 Acrylonitrile	53	2.048	2.048	(0.634)	55889	18.5816	18
	28 MTBE	73	1.740	1.740	(0.539)	297816	18.1374	18
	29 Hexane	56	1.711	1.711	(0.530)	94146	18.7152	19
	30 1,1-Dichloroethane	63	2.012	2.005	(0.623)	183502	18.3413	18
	31 Vinyl Acetate	43	2.170	2.170	(0.672)	121763	14.4886	14
	32 DIPE	45	1.948	1.948	(0.603)	418205	19.0568	19
	34 n-Propanol	60	2.220	2.227	(0.687)	67139	2612.37	2600
	35 t-Butyl-ethyl-ether	59	2.163	2.163	(0.670)	348673	19.0832	19
	37 2,2-Dichloropropane	77	2.399	2.392	(0.743)	141697	20.7199	21
	36 cis-1,2-Dichloroethene	96	2.335	2.327	(0.723)	91931	18.2117	18
	38 2-Butanone	72	2.736	2.743	(0.847)	17817	17.1459	17
	39 Ethyl Acetate	70	2.621	2.621	(0.812)	22692	33.1902	33
	40 Bromochloromethane	128	2.456	2.456	(0.760)	43074	18.7357	19
	41 Tetrahydrofuran	42	2.621	2.621	(0.812)	54927	14.6108	15
	42 Chloroform	83	2.514	2.514	(0.778)	156684	18.6448	19
	43 1,1,1-Trichloroethane	97	2.643	2.635	(0.818)	132246	19.4802	19
	44 Cyclohexane	56	2.442	2.442	(0.756)	192937	18.1232	18
	45 Carbon Tetrachloride	117	2.585	2.585	(0.800)	108639	16.9542	17
	46 1,1-Dichloropropene	75	2.729	2.721	(0.845)	125229	19.0902	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.008	3.008	(0.931)	232338	49.8733	50
	48 Benzene	78	2.901	2.900	(0.446)	384700	19.4701	19
	49 1,2-Dichloroethane	62	3.065	3.058	(0.949)	128824	16.7363	17
	51 n-Heptane	57	2.893	2.893	(0.896)	69049	16.2138	16
	50 t-Amyl-methyl-ether	73	3.015	3.015	(0.933)	278907	18.6715	19
	61 Isopropyl Acetate	43	3.309	3.309	(1.024)	427163	31.2654	31
*	52 Fluorobenzene	96	3.230	3.230	(1.000)	1034226	50.0000	
	54 Trichloroethene	95	3.366	3.359	(1.042)	89804	17.5141	18
	53 n-Butanol	56	3.746	3.753	(1.160)	195937	1445.47	1400
	56 Methyl cyclohexane	83	3.337	3.337	(1.033)	157260	16.7470	17
	55 Ethyl Acrylate	55	3.896	3.896	(1.206)	143668	16.5339	16
	57 1,2-Dichloropropane	63	3.810	3.803	(1.180)	107157	18.2438	18
	58 Dibromomethane	93	3.717	3.710	(1.151)	54641	17.5342	18(R)
	60 1,4-Dioxane	88	4.097	4.097	(1.268)	205351	2511.81	2500
	59 Methyl Methacrylate	100	4.082	4.082	(1.264)	25980	17.6016	18
	75 Propyl Acetate	43	4.240	4.240	(1.313)	332338	30.7346	31
	68 Bromodichloromethane	83	3.882	3.882	(1.202)	121610	18.2672	18
	63 Epichlorohydrin	57	4.784	4.784	(0.736)	182721	251.928	250
	67 cis-1,3-Dichloropropene	75	4.505	4.505	(0.693)	155037	18.9585	19
	70 4-Methyl-2-Pentanone	43	5.221	5.221	(0.804)	107872	15.6629	16
$	65 Toluene-d8 (SUR)	98	4.684	4.684	(0.721)	683547	57.3095	57
	66 Toluene	91	4.741	4.734	(0.730)	392368	18.9381	19
	64 trans-1,3-Dichloropropene	75	5.236	5.236	(0.806)	140297	18.2589	18
	69 1,1,2-Trichloroethane	83	5.400	5.400	(0.831)	70244	18.2962	18
	71 Tetrachloroethene	166	5.143	5.143	(0.792)	95616	21.5371	22

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32314.d
Report Date: 23-Nov-2009 12:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	72 1,3-Dichloropropane	76	5.708	5.708	(0.879)	151133	18.1785	18
	73 2-Hexanone	43	6.253	6.253	(0.962)	86227	16.0738	16
	74 Dibromochloromethane	129	5.587	5.587	(0.860)	86388	19.1434	19
	76 Butyl Acetate	73	6.196	6.195	(0.954)	48802	32.1436	32
	77 1,2-Dibromoethane	107	5.816	5.816	(0.895)	80554	17.8600	18
*	78 Chlorobenzene-d5	117	6.496	6.496	(1.000)	695170	50.0000	
	79 Chlorobenzene	112	6.518	6.518	(1.003)	232025	18.3972	18
	80 1,1,1,2-Tetrachloroethane	131	6.632	6.632	(1.021)	80485	18.9541	19
	81 Ethylbenzene	106	6.604	6.604	(1.017)	129927	18.7026	19
	82 m+p-Xylene	106	6.819	6.819	(1.050)	318622	37.6634	38
	84 o-Xylene	106	7.392	7.392	(1.138)	152653	18.8779	19
	85 Styrene	104	7.478	7.478	(1.151)	262412	18.4260	18
	83 Butyl Acrylate	73	7.829	7.829	(1.205)	69869	18.1717	18
	86 Bromoform	173	7.449	7.449	(1.147)	59942	20.2042	20
	87 Amyl Acetate	43	8.244	8.244	(0.853)	164260	50.6051	51(R)
	88 Isopropylbenzene	105	7.879	7.879	(1.213)	413887	20.8929	21
$	89 Bromofluorobenzene (SUR)	174	8.237	8.237	(0.852)	226920	46.9833	47
	90 Camphene (total)	93	7.965	7.972	(1.226)	38771	4.62324	4.6(R)
	91 Bromobenzene	156	8.337	8.337	(0.862)	103199	18.4274	18
	92 1,1,2,2-Tetrachloroethane	83	8.652	8.652	(0.895)	116046	18.0950	18
	93 1,2,3-Trichloropropane	110	8.767	8.767	(0.907)	31208	16.5217	16
	94 trans-1,4-Dichloro-2-butene	53	8.882	8.882	(0.918)	41942	16.8332	17
	95 n-Propylbenzene	91	8.502	8.502	(0.879)	506534	16.9520	17
	96 2-Chlorotoluene	91	8.652	8.652	(0.895)	299465	18.2255	18
	97 1,3,5-Trimethylbenzene	105	8.824	8.824	(0.913)	339885	16.3523	16
	98 4-Chlorotoluene	91	8.896	8.896	(0.920)	330880	18.5009	18
	99 Butyl Methacrylate	87	9.311	9.311	(0.963)	117225	18.9606	19
	100 tert-Butylbenzene	119	9.197	9.197	(0.951)	297098	16.8523	17
	101 1,2,4-Trimethylbenzene	105	9.290	9.290	(0.961)	345872	15.8994	16
	102 2-Octanone	43	9.920	9.920	(1.026)	168979	15.4354	15
	103 sec-Butylbenzene	105	9.405	9.405	(0.973)	456454	17.3870	17
	105 1,3-Dichlorobenzene	146	9.576	9.576	(0.990)	206641	18.6925	19
	107 p-Isopropyltoluene	119	9.598	9.598	(0.993)	386683	16.9525	17
*	108 1,4-Dichlorobenzene-d4	152	9.670	9.670	(1.000)	394381	50.0000	
	109 1,4-Dichlorobenzene	146	9.684	9.684	(1.001)	213429	18.4293	18
	110 Benzyl Chloride	91	9.970	9.970	(1.031)	235098	19.4087	19
	106 n-Butylbenzene	91	10.021	10.021	(1.036)	374027	17.6067	18
	111 1,2-Dichlorobenzene	146	10.092	10.092	(1.044)	200398	18.3969	18
	112 1,2-Dibromo-3-chloropropane	75	10.830	10.830	(1.120)	25681	16.3191	16
	113 Camphor	95	11.611	11.611	(1.201)	71003	80.2902	80
	114 1,2,4-Trichlorobenzene	180	11.389	11.389	(1.178)	155878	19.0923	19
	115 Hexachlorobutadiene	225	11.396	11.396	(1.179)	68687	16.8462	17
	116 Naphthalene	128	11.632	11.632	(1.203)	423992	18.1641	18
	117 1,2,3-Trichlorobenzene	180	11.776	11.775	(1.218)	142908	18.6674	19
M	120 1,2-Dichloroethene (Total)	100				175191	36.8910	37
M	121 Xylene (Total)	100				471276	56.5399	56

Data File: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b/p32314.d
Report Date: 23-Nov-2009 12:45

QC Flag Legend

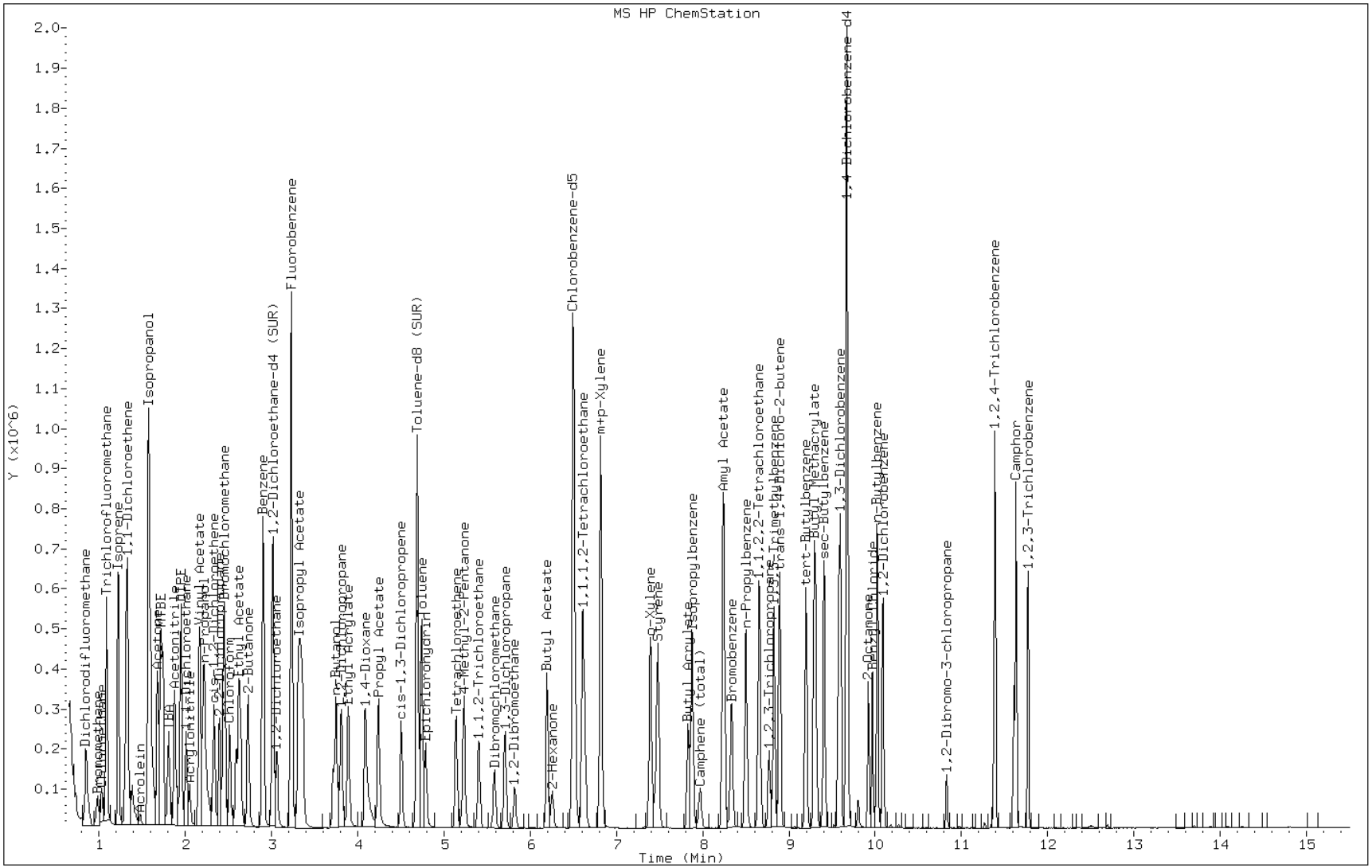
R - Spike/Surrogate failed recovery limits.

Data File: p32314.d

Date: 23-NOV-2009 11:59

Client ID: GW-017338-111209-AC Instrument: VOAMS13.i

Sample Info: 460-7904-D-2 MSD Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-8015-C-3 MSD

Matrix: Water | Lab File ID: p32342.d

Analysis Method: 8260B | Date Collected: 11/11/2009 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/23/2009 23:31

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 23604 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	157		10	2.9
74-87-3	Chloromethane	182		10	2.1
74-83-9	Bromomethane	177		10	3.1
75-01-4	Vinyl chloride	203		10	1.3
75-00-3	Chloroethane	171		10	4.5
75-69-4	Trichlorofluoromethane	186		10	1.6
76-13-1	Freon TF	168		10	2.8
75-09-2	Methylene Chloride	185		10	1.9
67-64-1	Acetone	206		100	25
75-15-0	Carbon disulfide	197		10	1.5
79-20-9	Methyl acetate	143		20	3.3
75-35-4	1,1-Dichloroethene	218		10	1.4
75-34-3	1,1-Dichloroethane	182		10	1.0
156-59-2	cis-1,2-Dichloroethene	183		10	2.0
156-60-5	trans-1,2-Dichloroethene	187		10	1.4
1634-04-4	MTBE	190		10	1.8
67-66-3	Chloroform	186		10	1.5
107-06-2	1,2-Dichloroethane	168		10	2.4
78-93-3	2-Butanone	192		100	8.2
71-55-6	1,1,1-Trichloroethane	195		10	2.5
110-82-7	Cyclohexane	281		10	1.3
56-23-5	Carbon tetrachloride	168		10	1.9
75-27-4	Bromodichloromethane	176		10	0.93
78-87-5	1,2-Dichloropropane	185		10	0.90
10061-01-5	cis-1,3-Dichloropropene	188		10	1.1
79-01-6	Trichloroethene	180		10	1.8
108-87-2	Methylcyclohexane	230		10	0.90
124-48-1	Dibromochloromethane	189		10	1.1
79-00-5	1,1,2-Trichloroethane	199		10	1.0
71-43-2	Benzene	2730		10	1.3
10061-02-6	trans-1,3-Dichloropropene	182		10	1.2
75-25-2	Bromoform	197		10	1.0
98-82-8	Isopropylbenzene	241		10	2.1
108-10-1	4-Methyl-2-pentanone	170		100	6.8
591-78-6	2-Hexanone	177		100	5.5
127-18-4	Tetrachloroethene	202		10	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-8015-C-3 MSD

Matrix: Water Lab File ID: p32342.d

Analysis Method: 8260B Date Collected: 11/11/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 11/23/2009 23:31

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 23604 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	225		10	0.90
79-34-5	1,1,2,2-Tetrachloroethane	185		10	0.90
108-90-7	Chlorobenzene	185		10	1.6
100-41-4	Ethylbenzene	196		10	2.5
1330-20-7	Xylenes, Total	611		30	4.3
100-42-5	Styrene	184		10	1.3
96-12-8	1,2-Dibromo-3-Chloropropane	166		10	1.5
541-73-1	1,3-Dichlorobenzene	183		10	2.2
106-46-7	1,4-Dichlorobenzene	185		10	1.5
95-50-1	1,2-Dichlorobenzene	184		10	1.6
120-82-1	1,2,4-Trichlorobenzene	191		10	4.4
106-93-4	1,2-Dibromoethane	181		10	0.90

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102	70-122	
2037-26-5	Toluene-d8 (Surr)	115	69-125	
460-00-4	Bromofluorobenzene	93	69-135	

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 10/21/2009 19:22

Analysis Batch Number: 20360 End Date: 10/22/2009 06:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-20360/1		10/21/2009 19:22	1	p32022.d	DB-624 0.18(mm)
IC 460-20360/2		10/21/2009 20:38	1	p32025.d	DB-624 0.18(mm)
IC 460-20360/3		10/21/2009 21:29	1	p32027.d	DB-624 0.18(mm)
ICIS 460-20360/4		10/21/2009 21:54	1	p32028.d	DB-624 0.18(mm)
IC 460-20360/5		10/21/2009 22:19	1	p32029.d	DB-624 0.18(mm)
IC 460-20360/6		10/21/2009 22:45	1	p32030.d	DB-624 0.18(mm)
IC 460-20360/7		10/21/2009 23:10	1	p32031.d	DB-624 0.18(mm)
ZZZZZ		10/22/2009 00:31	1		DB-624 0.18(mm)
ZZZZZ		10/22/2009 00:31	1		DB-624 0.18(mm)
ZZZZZ		10/22/2009 01:47	1		DB-624 0.18(mm)
ZZZZZ		10/22/2009 02:12	500		DB-624 0.18(mm)
ZZZZZ		10/22/2009 02:38	50		DB-624 0.18(mm)
ZZZZZ		10/22/2009 02:38	50		DB-624 0.18(mm)
ZZZZZ		10/22/2009 03:03	100		DB-624 0.18(mm)
ZZZZZ		10/22/2009 03:03	100		DB-624 0.18(mm)
ZZZZZ		10/22/2009 03:29	100		DB-624 0.18(mm)
ZZZZZ		10/22/2009 03:54	100		DB-624 0.18(mm)
ZZZZZ		10/22/2009 04:45	1		DB-624 0.18(mm)
ZZZZZ		10/22/2009 05:10	1		DB-624 0.18(mm)
ZZZZZ		10/22/2009 05:36	1		DB-624 0.18(mm)
ZZZZZ		10/22/2009 06:01	1		DB-624 0.18(mm)
ZZZZZ		10/22/2009 06:52	5		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 11/23/2009 07:34

Analysis Batch Number: 23541 End Date: 11/23/2009 19:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-23541/1		11/23/2009 07:34	1	p32304.d	DB-624 0.18(mm)
CCVIS 460-23541/2		11/23/2009 08:28	1	p32306.d	DB-624 0.18(mm)
LCS 460-23541/3		11/23/2009 08:55	1	p32307.d	DB-624 0.18(mm)
MB 460-23541/4		11/23/2009 09:50	1	p32309.d	DB-624 0.18(mm)
ZZZZZ		11/23/2009 10:22	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 10:47	1		DB-624 0.18(mm)
460-7904-2	GW-017338-111209-ACH-02	11/23/2009 11:11	1	p32312.d	DB-624 0.18(mm)
460-7904-2 MS	GW-017338-111209-ACH-02 MS	11/23/2009 11:35	1	p32313.d	DB-624 0.18(mm)
460-7904-2 MSD	GW-017338-111209-ACH-02 MSD	11/23/2009 11:59	1	p32314.d	DB-624 0.18(mm)
ZZZZZ		11/23/2009 12:47	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 13:11	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 13:35	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 14:00	1		DB-624 0.18(mm)
460-7904-1	EB-017338-111209-ACH-01	11/23/2009 14:24	1	p32320.d	DB-624 0.18(mm)
460-7904-3	GW-017338-111209-ACH-03	11/23/2009 14:48	1	p32321.d	DB-624 0.18(mm)
ZZZZZ		11/23/2009 16:00	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 16:24	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 16:48	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 17:12	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 17:37	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 18:01	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 18:25	1		DB-624 0.18(mm)
ZZZZZ		11/23/2009 18:49	1		DB-624 0.18(mm)
460-7904-4	GW-017338-111209-ACH-04	11/23/2009 19:13	1	p32332.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 11/23/2009 19:35

Analysis Batch Number: 23604 End Date: 11/24/2009 07:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-23604/1		11/23/2009 19:35	1	p32333.d	DB-624 0.18(mm)
CCVIS 460-23604/2		11/23/2009 19:53	1	p32334.d	DB-624 0.18(mm)
LCS 460-23604/3		11/23/2009 20:58	1	p32336.d	DB-624 0.18(mm)
ZZZZZ		11/23/2009 21:22	1		DB-624 0.18(mm)
MB 460-23604/5		11/23/2009 22:10	1	p32339.d	DB-624 0.18(mm)
ZZZZZ		11/23/2009 22:42	10		DB-624 0.18(mm)
460-8015-C-3 MS		11/23/2009 23:06	10	p32341.d	DB-624 0.18(mm)
460-8015-C-3 MSD		11/23/2009 23:31	10	p32342.d	DB-624 0.18(mm)
460-7904-5	GW-017338-111209-ACH-05	11/24/2009 00:19	1	p32344.d	DB-624 0.18(mm)
460-7904-6	TB-017338-111209-ACH-001	11/24/2009 00:43	1	p32345.d	DB-624 0.18(mm)
ZZZZZ		11/24/2009 01:08	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 01:32	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 01:56	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 02:20	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 02:44	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 03:08	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 03:33	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 03:57	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 05:34	10		DB-624 0.18(mm)
ZZZZZ		11/24/2009 05:58	10		DB-624 0.18(mm)
ZZZZZ		11/24/2009 06:23	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 06:47	1		DB-624 0.18(mm)
ZZZZZ		11/24/2009 07:12	10		DB-624 0.18(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b

Date Generated: 10/22/2009

Page 1

20360

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/21/09 1922	p32022.d	2	BFB		0	0	1	all		8260 HIGH	G
10/21/09 1947	p32023.d	1	BLK		5	0	1	all		8260 IS: 241858 SURR 500:	NG
10/21/09 2012	p32024.d	2	IC-VM8CAL1		5	0	1	all		SURR 250: 238489 GAS 500: 244445	Not used
10/21/09 2038	p32025.d	3	IC-VM8CAL1		5	0	1	all		MIX 1 500: 221622 MIX 2 500:	G
10/21/09 2103	p32026.d	4	IC-VM8CAL2		5	0	1	all		221639 MIX 3: 221633 AC/AC:	Not used
10/21/09 2129	p32027.d	5	IC-VM8CAL2		5	0	1	all		221635 GAS SP: 244446 8260 SP:	G
10/21/09 2154	p32028.d	6	ICIS-VM8CAL3		5	0	1	all		221632 MIX 3 SP: 221634 AC/AC SP:	G
10/21/09 2219	p32029.d	7	IC-VM8CAL4		5	0	1	all		221636 MISC: Ketone 221637 BFB	G
10/21/09 2245	p32030.d	8	IC-VM8CAL5		5	0	1	all		155461 MeOH: G3LE19	G
10/21/09 2310	p32031.d	9	IC-VM8CAL6		5	0	1	all			G
10/21/09 2335	p32032.d	10	BLK		5	0	1	all			NG
10/22/09 0005	p32033.d	11	BLK		5	0	1	all			NG
10/22/09 0031	p32034.d	12	LCS		5	0	1	all			G
10/22/09 0031	p32034a.	12	ICV		5	0	1	all			G

ICV · Std

GAS SP: 244446

8260 SP: 221632

MIX 3 SP: 221634

AC/AC SP: 221636

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b

Date Generated: 10/22/2009

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/22/09 0056	p32035.d	13	MB		5	0	1	all			NG
10/22/09 0121	p32036.d	14	MB		5	0	1	all			NG
10/22/09 0147	p32037.d	15	MB		5	0	1	all			G
10/22/09 0212	p32038.d	16	460-6873-B-1	W 1	5	0	500	all	<2		G
10/22/09 0238	p32039.d	17	460-6853-B-3	FTW (153-183)	5	0	50	all	<2		G
10/22/09 0303	p32040.d	18	460-6853-C-2	FTW (243-273)	5	0	100	all	<2		G
10/22/09 0329	p32041.d	19	460-6853-C-2MS		5	0	100	all	<2		G
10/22/09 0354	p32042.d	20	460-6853-C-2MSD		5	0	100	all	<2		G
10/22/09 0419	p32043.d	21	BLK		5	0	1	all			NG
10/22/09 0445	p32044.d	22	460-6992-C-6	MTVL-FB102009	5	0	1	all	<2		G
10/22/09 0510	p32045.d	23	460-6992-B-9	MTVL-TB102009	5	0	1	all	<2		G
10/22/09 0536	p32046.d	24	460-6992-B-13	MTVL-TB102009	5	0	1	all	<2		G
10/22/09 0601	p32047.d	25	460-6992-D-11	MTVL-UST-1-25	5	0	1	all	<2		G
10/22/09 0626	p32048.d	26	460-6853-C-1	TB101409	5	0	1	all	<2		RR 10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/10-21-09/21oct09.b

Date Generated: 10/22/2009

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/22/09 0652	p32049.d	27	460-6992-D-12 D1 VP 10-22-09	MTVL-UST-6-25 D1	5	0	5	all	7		G See IX run VP 10-22-09
10/22/09 0717	p32050.d	28	BLK		5	0	1	all			NG

Signed: Samatha Desai for Kenny Read and Understood by: Samatha Desai

Date: 10/22/09 Date: 10/22/09

11/30/2009

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b

Date Generated: 11/23/2009

Page 1

#23541

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
11/23/09 0734	p32304.d	2	BFB		0	0	1	all		8260 HIGH	G
11/23/09 0748	p32305.d	1	CCVIS		5	0	1	all		8260 IS: 241858 SURR 500:	NG 1,1-DCE low
11/23/09 0828	p32306.d	2	CCVIS		5	0	1	all		SURR 250: 294688 GAS 500: 287105	G
11/23/09 0855	p32307.d	3	LCS		5	0	1	all		MIX 1 500: 260669	G
11/23/09 0926	p32308.d	4	MB		5	0	1	all		MIX 2 500: 260697 MIX 3: 260671	N.U.
11/23/09 0950	p32309.d	5	MB		5	0	1	all		AC/AC: 260673 GAS SP: 287106	G
11/23/09 1022	p32310.d	6	460-7947-J-1	MW-1	5	0	1	all	<2	8260 SP: 260695 MIX 3 SP: 260672	G
11/23/09 1047	p32311.d	7	460-7947-H-2	MW-4	5	0	1	all	<2	AC/AC SP: 260674 MISC:	G
11/23/09 1111	p32312.d	8	460-7904-F-2	GW-017338-111209-AC	5	0	1	all	<2	BFB 135461 MEOH G49E42	G
11/23/09 1135	p32313.d	9	460-7904-E-2 MS	GW-017338-111209-AC	5	0	1	all	<2		G
11/23/09 1159	p32314.d	10	460-7904-D-2 MSD	GW-017338-111209-AC	5	0	1	all	<2		G
11/23/09 1223	p32315.d	11	BLANK		5	0	1	all			NG C10
11/23/09 1247	p32316.d	12	460-7947-K-20	MW-3	5	0	1	all	<2		G
11/23/09 1321	p32317.d	13	460-7947-I-21	EQUIP BLANK	5	0	1	all	<2		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b

Date Generated: 11/23/2009

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
11/23/09 1335	p32318.d	14	460-7947-B-22	TRIP BLANK	5	0	1	all	<2		G
11/23/09 1400	p32319.d	15	460-7947-C-24	MW-5	5	0	1	all	<2		G
11/23/09 1424	p32320.d	16	460-7904-F-1	EB-017338-111209-AC	5	0	1	all	<2		G
11/23/09 1448	p32321.d	17	460-7904-F-3	GW-017338-111209-AC	5	0	1	all	<2		G
11/23/09 1512	p32322.d	18	460-7904-F-5	GW-017338-111209-AC	5	0	1	all	<2		RR 1L C/O
11/23/09 1536	p32323.d	19	460-7904-C-6	TB-017338-111209-AC	5	0	1	all	<2		RR 1* C/O
11/23/09 1600	p32324.d	20	460-7904-C-7	TB	5	0	1	all	<2		G
11/23/09 1624	p32325.d	21	460-7955-C-1	MTVL-DEP-34-122	5	0	1	all	<2		G
11/23/09 1648	p32326.d	22	460-7955-D-2	MTVL-DEP-34-110	5	0	1	all	<2		G
11/23/09 1712	p32327.d	23	460-7955-D-3	MTVL-DEP-34-90	5	0	1	all	<2		G
11/23/09 1737	p32328.d	24	460-7955-C-4	MTVL-FB111109	5	0	1	all	<2		G
11/23/09 1801	p32329.d	25	460-7955-D-5	MTVL-DEP-34-70	5	0	1	all	<2		G
11/23/09 1825	p32330.d	26	460-7955-D-6	MTVL-DEP-34-50	5	0	1	all	<2		G
11/23/09 1849	p32331.d	27	460-7955-D-7	MTVL-DEP-34-30	5	0	1	all	<2		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/10-21-09/23nov09.b

Date Generated: 11/23/2009

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
11/23/09 1913	p32332.d	28	460-7904-F-4	GW-017338-111209-AC	5	0	1	all	<2		G

Signed: KB for Saurabh Desai Read and Understood by: Ken Boston

Date: 11/23/09 Date: 11/23/09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/10-21-09/23nov09a.b

Date Generated: 11/24/2009

Page 1

23604

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
11/23/09 1935	p32333.d	2	BFB		0	0	1	all		8260 HIGH	G
11/23/09 1953	p32334.d	1	CCVIS		5	0	1	all		8260 IS: 241858 SURR 500:	G
11/23/09 2033	p32335.d	2	LCS		5	0	1	all		SURR 250: 294688 GAS 500: 28703	NG
11/23/09 2058	p32336.d	3	LCS		5	0	1	all		MIX 1 500: 260669	G
11/23/09 2122	p32337.d	4	LCSD		5	0	1	all		MIX 2 500: 260697 MIX 3: 260671	G
11/23/09 2146	p32338.d	5	MB		5	0	1	all		AC/AC: 260673 GAS SP: 28716	NG
11/23/09 2210	p32339.d	6	MB		5	0	1	all		8260 SP: 260699 MIX 3 SP: 260672	G
11/23/09 2242	p32340.d	7	460-8015-C-3	MW-M-1-day0	5	0	10	all	LL	AC/AC SP: 260674 MISC: BFB	G
11/23/09 2306	p32341.d	8	460-8015-C-3MS		5	0	10	all	LL	157461 MEOH	G
11/23/09 2331	p32342.d	9	460-8015-C-3MSD		5	0	10	all	LL	G49EH2	G
11/23/09 2355	p32343.d	10	BLK		5	0	1	all			NG
11/24/09 0019	p32344.d	11	460-7904-E-5	GW-017338-111209-AC	5	0	1	all	LL		G
11/24/09 0043	p32345.d	12	460-7904-B-6	TB-017338-111209-AC	5	0	1	all	LL		G
11/24/09 0108	p32346.d	13	460-7955-C-8	MTVL-FB111209	5	0	1	all	LL		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/10-21-09/23nov09a.b

Date Generated: 11/24/2009

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
11/24/09 0132	p32347.d	14	460-7955-C-9	MTVL-TB111209	5	0	1	all	12		G
11/24/09 0156	p32348.d	15	460-7951-B-6	TRIP BLANK	5	0	1	all	12		G
11/24/09 0220	p32349.d	16	460-7951-B-5	FIELD BLANK	5	0	1	all	12		G
11/24/09 0244	p32350.d	17	460-7951-C-1	MW-1	5	0	1	all	12		G
11/24/09 0308	p32351.d	18	460-7951-C-4	MW-4	5	0	1	all	12		G
11/24/09 0333	p32352.d	19	460-8015-C-10	MW-M-3-5	5	0	1	all	12		G
11/24/09 0357	p32353.d	20	460-7951-C-3	MW-3	5	0	1	all	12		G
11/24/09 0421	p32354.d	21	460-7951-C-2	MW-2	5	0	2	all	12		RR. Straight
11/24/09 0445	p32355.d	22	BLK		5	0	1	all			NG
11/24/09 0510	p32356.d	23	460-8015-C-9	MW-M-2-5	5	0	5	all	12		RR. Straight
11/24/09 0534	p32357.d	24	460-8015-C-4	MW-M-2-day0	5	0	10	all	12		G
11/24/09 0558	p32358.d	25	460-8015-C-8	MW-M-1-5	5	0	10	all	12		G
11/24/09 0623	p32359.d	26	460-8015-C-6	MW-G-2-5	5	0	1	all	12		G
11/24/09 0647	p32360.d	27	460-8015-C-7	MW-G-3-5	5	0	1	all	12		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/10-21-09/23nov09a.b

Date Generated: 11/24/2009

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
11/24/09 0712	p32361.d	28	460-8015-C-2	MW-G-2-day0	5	0	5/10 kr 11/25	all	<2		~~RR Straight~~ G km 11/25
11/24/09 0736	p32362.d	31	BLK		5	0	1	all			NG

Signed: Samudh Desai for Kenny Read and Understood by: Samudh Desai

Date: 11/24/09 Date: 11/24/09

11/30/2009

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
EB-017338-111209-A CH-01	460-7904-1	38	24	97	89	80	101
GW-017338-111209-A CH-02	460-7904-2	37	24	95	87	81	94
GW-017338-111209-A CH-03	460-7904-3	40	24	88	88	100	81
GW-017338-111209-A CH-04	460-7904-4	37	21	86	87	93	80
GW-017338-111209-A CH-05	460-7904-5	35	22	100	95	84	91
	LCS 460-22553/2-A	37	24	98	91	93	94
GW-017338-111209-A CH-02 MS	460-7904-2 MS	38	24	97	91	90	89
GW-017338-111209-A CH-02 MSD	460-7904-2 MSD	34	22	95	93	91	92

	QC LIMITS
2FP = 2-Fluorophenol	14-68
PHL = Phenol-d5	9-48
NBZ = Nitrobenzene-d5	61-120
FBP = 2-Fluorobiphenyl	61-112
TBP = 2,4,6-Tribromophenol	50-119
TPH = Terphenyl-d14	41-124

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z5812.d

Lab ID: LCS 460-22553/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	50.0	96.0	192	80-154	*
Phenol	50.0	11.8	24	31-128	*
Bis(2-chloroethyl)ether	50.0	43.9	88	76-132	
2-Chlorophenol	50.0	37.6	75	57-96	
2-Methylphenol	50.0	30.6	61	44-87	
Acetophenone	50.0	48.3	97	81-158	
N-Nitrosodi-n-propylamine	50.0	50.2	100	76-117	
Hexachloroethane	50.0	37.9	76	58-103	
Nitrobenzene	50.0	43.7	87	66-118	
Isophorone	50.0	45.8	92	73-108	
2-Nitrophenol	50.0	42.7	85	66-110	
2,4-Dimethylphenol	50.0	41.3	83	58-98	
Bis(2-chloroethoxy)methane	50.0	47.3	95	74-116	
2,4-Dichlorophenol	50.0	42.3	85	66-108	
Naphthalene	50.0	41.9	84	64-110	
4-Chloroaniline	50.0	35.1	70	63-105	
Hexachlorobutadiene	50.0	39.3	79	61-117	
Caprolactam	50.0	5.03	10	10-44	
4-Chloro-3-methylphenol	50.0	38.8	78	62-105	
2-Methylnaphthalene	50.0	42.6	85	71-122	
Hexachlorocyclopentadiene	50.0	39.1	78	42-110	
2,4,6-Trichlorophenol	50.0	45.7	91	70-112	
2,4,5-Trichlorophenol	50.0	46.2	92	67-109	
2-Chloronaphthalene	50.0	44.7	89	65-109	
2-Nitroaniline	50.0	46.2	92	64-114	
Dimethyl phthalate	50.0	50.1	100	70-131	
Acenaphthylene	50.0	46.2	92	60-119	
2,6-Dinitrotoluene	50.0	48.7	97	67-120	
3-Nitroaniline	50.0	38.3	77	62-111	
Acenaphthene	50.0	46.1	92	67-114	
2,4-Dinitrophenol	50.0	14.7 J	29	34-120	*
4-Nitrophenol	50.0	12.1 J	24	10-50	
Dibenzofuran	50.0	46.1	92	71-115	
2,4-Dinitrotoluene	50.0	44.8	90	71-119	
Diethyl phthalate	50.0	46.7	93	66-116	
4-Chlorophenyl phenyl ether	50.0	47.5	95	70-115	
Fluorene	50.0	46.3	93	72-130	
4-Nitroaniline	50.0	39.7	79	61-110	
4,6-Dinitro-2-methylphenol	50.0	39.1	78	64-115	
N-Nitrosodiphenylamine	50.0	53.7	107	69-114	
4-Bromophenyl phenyl ether	50.0	51.5	103	71-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z5812.d

Lab ID: LCS 460-22553/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Hexachlorobenzene	50.0	50.6	101	73-120	
Atrazine	50.0	43.0	86	47-129	
Pentachlorophenol	50.0	36.7	73	67-125	
Phenanthrene	50.0	48.9	98	65-114	
Anthracene	50.0	48.4	97	65-113	
Carbazole	50.0	45.5	91	64-110	
Di-n-butyl phthalate	50.0	47.8	96	53-120	
Fluoranthene	50.0	43.9	88	67-115	
Pyrene	50.0	48.9	98	64-127	
Butyl benzyl phthalate	50.0	47.9	96	56-126	
3,3'-Dichlorobenzidine	50.0	52.7	105	64-132	
Benzo[a]anthracene	50.0	46.5	93	65-125	
Chrysene	50.0	48.9	98	66-130	
Bis(2-ethylhexyl) phthalate	50.0	46.6	93	30-134	
Di-n-octyl phthalate	50.0	42.7	85	39-117	
Benzo[b]fluoranthene	50.0	52.1	104	60-112	
Benzo[k]fluoranthene	50.0	48.4	97	46-119	
Benzo[a]pyrene	50.0	40.4	81	47-98	
Indeno[1,2,3-cd]pyrene	50.0	49.8	100	54-117	
Dibenz(a,h)anthracene	50.0	49.6	99	51-112	
Benzo[g,h,i]perylene	50.0	59.9	120	46-113	*
Diphenyl	50.0	46.8	94	63-123	
bis (2-chloroisopropyl) ether	50.0	52.6	105	71-123	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z5814.d

Lab ID: 460-7904-2 MS Client ID: GW-017338-111209-ACH-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzaldehyde	55.6	5.6 U	97.9	176	80-154	F
Phenol	55.6	5.6 U	13.3	24	31-128	F
Bis(2-chloroethyl)ether	55.6	0.56 U	48.6	87	76-132	
2-Chlorophenol	55.6	5.6 U	42.4	76	57-96	
2-Methylphenol	55.6	5.6 U	33.1	60	44-87	
Acetophenone	55.6	5.6 U	52.5	94	81-158	
N-Nitrosodi-n-propylamine	55.6	0.56 U	54.0	97	76-117	
Hexachloroethane	55.6	0.56 U	42.4	76	58-103	
Nitrobenzene	55.6	0.56 U	50.8	91	66-118	
Isophorone	55.6	5.6 U	49.9	90	73-108	
2-Nitrophenol	55.6	5.6 U	48.2	87	66-110	
2,4-Dimethylphenol	55.6	5.6 U	45.1	81	58-98	
Bis(2-chloroethoxy)methane	55.6	5.6 U	51.9	93	74-116	
2,4-Dichlorophenol	55.6	5.6 U	48.3	87	66-108	
Naphthalene	55.6	5.6 U	46.3	83	64-110	
4-Chloroaniline	55.6	5.6 U	46.1	83	63-105	
Hexachlorobutadiene	55.6	1.1 U	44.0	79	61-117	
Caprolactam	55.6	5.6 U	6.49	12	10-44	
4-Chloro-3-methylphenol	55.6	5.6 U	41.1	74	62-105	
2-Methylnaphthalene	55.6	5.6 U	46.7	84	71-122	
Hexachlorocyclopentadiene	55.6	5.6 U	47.0	85	42-110	
2,4,6-Trichlorophenol	55.6	5.6 U	50.8	91	70-112	
2,4,5-Trichlorophenol	55.6	5.6 U	50.9	92	67-109	
2-Chloronaphthalene	55.6	5.6 U	51.6	93	65-109	
2-Nitroaniline	55.6	11 U	51.2	92	64-114	
Dimethyl phthalate	55.6	5.6 U	54.1	97	70-131	
Acenaphthylene	55.6	5.6 U	51.5	93	60-119	
2,6-Dinitrotoluene	55.6	1.1 U	52.7	95	67-120	
3-Nitroaniline	55.6	11 U	45.4	82	62-111	
Acenaphthene	55.6	5.6 U	51.9	94	67-114	
2,4-Dinitrophenol	55.6	17 U	23.7	43	34-120	
4-Nitrophenol	55.6	17 U	14.7 J	26	10-50	
Dibenzofuran	55.6	5.6 U	51.2	92	71-115	
2,4-Dinitrotoluene	55.6	1.1 U	50.4	91	71-119	
Diethyl phthalate	55.6	5.6 U	51.2	92	66-116	
4-Chlorophenyl phenyl ether	55.6	5.6 U	52.8	95	70-115	
Fluorene	55.6	5.6 U	51.1	92	72-130	
4-Nitroaniline	55.6	11 U	44.9	81	61-110	
4,6-Dinitro-2-methylphenol	55.6	17 U	47.0	85	64-115	
N-Nitrosodiphenylamine	55.6	5.6 U	59.1	106	69-114	
4-Bromophenyl phenyl ether	55.6	5.6 U	57.0	103	71-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z5814.d

Lab ID: 460-7904-2 MS Client ID: GW-017338-111209-ACH-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Hexachlorobenzene	55.6	0.56 U	57.0	103	73-120	
Atrazine	55.6	5.6 U	49.2	89	47-129	
Pentachlorophenol	55.6	17 U	44.1	79	67-125	
Phenanthrene	55.6	5.6 U	55.2	99	65-114	
Anthracene	55.6	5.6 U	54.9	99	65-113	
Carbazole	55.6	5.6 U	52.3	94	64-110	
Di-n-butyl phthalate	55.6	5.6 U	55.5	100	53-120	
Fluoranthene	55.6	5.6 U	54.9	99	67-115	
Pyrene	55.6	5.6 U	52.1	94	64-127	
Butyl benzyl phthalate	55.6	5.6 U	53.5	96	56-126	
3,3'-Dichlorobenzidine	55.6	11 U	56.4	101	64-132	
Benzo[a]anthracene	55.6	0.56 U	51.9	93	65-125	
Chrysene	55.6	5.6 U	56.0	101	66-130	
Bis(2-ethylhexyl) phthalate	55.6	5.6 U	52.3	94	30-134	
Di-n-octyl phthalate	55.6	5.6 U	49.7	89	39-117	
Benzo[b]fluoranthene	55.6	0.56 U	58.7	106	60-112	
Benzo[k]fluoranthene	55.6	0.56 U	55.9	101	46-119	
Benzo[a]pyrene	55.6	0.56 U	45.7	82	47-98	
Indeno[1,2,3-cd]pyrene	55.6	0.56 U	54.8	99	54-117	
Dibenz(a,h)anthracene	55.6	0.56 U	53.8	97	51-112	
Benzo[g,h,i]perylene	55.6	5.6 U	62.9	113	46-113	
Diphenyl	55.6	5.6 U	53.6	96	63-123	
bis (2-chloroisopropyl) ether	55.6	5.6 U	57.9	104	71-123	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z5815.d

Lab ID: 460-7904-2 MSD Client ID: GW-017338-111209-ACH-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	55.6	98.8	178	1	30	80-154	F
Phenol	55.6	13.0	23	2	30	31-128	F
Bis(2-chloroethyl)ether	55.6	48.1	87	1	30	76-132	
2-Chlorophenol	55.6	39.8	72	6	30	57-96	
2-Methylphenol	55.6	32.4	58	2	30	44-87	
Acetophenone	55.6	52.9	95	1	30	81-158	
N-Nitrosodi-n-propylamine	55.6	55.1	99	2	30	76-117	
Hexachloroethane	55.6	41.9	76	1	30	58-103	
Nitrobenzene	55.6	49.3	89	3	30	66-118	
Isophorone	55.6	50.9	92	2	30	73-108	
2-Nitrophenol	55.6	46.1	83	4	30	66-110	
2,4-Dimethylphenol	55.6	44.4	80	2	30	58-98	
Bis(2-chloroethoxy)methane	55.6	51.9	93	0	30	74-116	
2,4-Dichlorophenol	55.6	46.9	84	3	30	66-108	
Naphthalene	55.6	45.9	83	1	30	64-110	
4-Chloroaniline	55.6	47.0	85	2	30	63-105	
Hexachlorobutadiene	55.6	43.0	77	2	30	61-117	
Caprolactam	55.6	5.08 J	9	24	30	10-44	F
4-Chloro-3-methylphenol	55.6	41.7	75	1	30	62-105	
2-Methylnaphthalene	55.6	47.6	86	2	30	71-122	
Hexachlorocyclopentadiene	55.6	46.9	84	0	30	42-110	
2,4,6-Trichlorophenol	55.6	51.3	92	1	30	70-112	
2,4,5-Trichlorophenol	55.6	50.7	91	0	30	67-109	
2-Chloronaphthalene	55.6	52.2	94	1	30	65-109	
2-Nitroaniline	55.6	52.9	95	3	30	64-114	
Dimethyl phthalate	55.6	55.8	100	3	30	70-131	
Acenaphthylene	55.6	52.5	94	2	30	60-119	
2,6-Dinitrotoluene	55.6	53.7	97	2	30	67-120	
3-Nitroaniline	55.6	46.4	84	2	30	62-111	
Acenaphthene	55.6	53.0	95	2	30	67-114	
2,4-Dinitrophenol	55.6	19.8	36	18	30	34-120	
4-Nitrophenol	55.6	12.3 J	22	17	30	10-50	
Dibenzofuran	55.6	52.5	95	3	30	71-115	
2,4-Dinitrotoluene	55.6	50.4	91	0	30	71-119	
Diethyl phthalate	55.6	51.8	93	1	30	66-116	
4-Chlorophenyl phenyl ether	55.6	54.1	97	2	30	70-115	
Fluorene	55.6	52.5	94	3	30	72-130	
4-Nitroaniline	55.6	45.8	83	2	30	61-110	
4,6-Dinitro-2-methylphenol	55.6	43.7	79	7	30	64-115	
N-Nitrosodiphenylamine	55.6	58.6	105	1	30	69-114	
4-Bromophenyl phenyl ether	55.6	57.9	104	2	30	71-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z5815.d

Lab ID: 460-7904-2 MSD Client ID: GW-017338-111209-ACH-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobenzene	55.6	56.4	102	1	30	73-120	
Atrazine	55.6	48.0	86	2	30	47-129	
Pentachlorophenol	55.6	41.5	75	6	30	67-125	
Phenanthrene	55.6	54.4	98	2	30	65-114	
Anthracene	55.6	54.8	99	0	30	65-113	
Carbazole	55.6	51.1	92	2	30	64-110	
Di-n-butyl phthalate	55.6	53.9	97	3	30	53-120	
Fluoranthene	55.6	50.4	91	9	30	67-115	
Pyrene	55.6	54.1	97	4	30	64-127	
Butyl benzyl phthalate	55.6	55.0	99	3	30	56-126	
3,3'-Dichlorobenzidine	55.6	59.1	106	5	30	64-132	
Benzo[a]anthracene	55.6	52.3	94	1	30	65-125	
Chrysene	55.6	57.4	103	2	30	66-130	
Bis(2-ethylhexyl) phthalate	55.6	53.7	97	3	30	30-134	
Di-n-octyl phthalate	55.6	50.7	91	2	30	39-117	
Benzo[b]fluoranthene	55.6	56.5	102	4	30	60-112	
Benzo[k]fluoranthene	55.6	56.1	101	0	30	46-119	
Benzo[a]pyrene	55.6	48.0	86	5	30	47-98	
Indeno[1,2,3-cd]pyrene	55.6	59.2	107	8	30	54-117	
Dibenz(a,h)anthracene	55.6	56.2	101	4	30	51-112	
Benzo[g,h,i]perylene	55.6	69.7	125	10	30	46-113	F
Diphenyl	55.6	53.8	97	0	30	63-123	
bis (2-chloroisopropyl) ether	55.6	57.5	104	1	30	71-123	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab File ID: z5459.d DFTPP Injection Date: 11/03/2009

Instrument ID: BNAMS11 DFTPP Injection Time: 13:41

Analysis Batch No.: 21625

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	37.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	25.5	
365	Greater than 1.0 % of mass 198	2.8	
441	Present but less than mass 443	11.2	
442	Greater than 40.0 % of mass 198	78.9	
443	17.0 - 23.0 % of mass 442	15.8	(20.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-21625/2	z5460.d	11/03/2009	13:59
	IC 460-21625/3	z5461.d	11/03/2009	14:27
	IC 460-21625/4	z5462.d	11/03/2009	14:51
	IC 460-21625/5	z5463.d	11/03/2009	15:16
	IC 460-21625/6	z5464.d	11/03/2009	15:41
	IC 460-21625/7	z5465.d	11/03/2009	16:05

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab File ID: z5793.d DFTPP Injection Date: 11/13/2009

Instrument ID: BNAMS11 DFTPP Injection Time: 09:08

Analysis Batch No.: 22586

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	37.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	36.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	25.2	
365	Greater than 1.0 % of mass 198	2.5	
441	Present but less than mass 443	12.1	
442	Greater than 40.0 % of mass 198	84.0	
443	17.0 - 23.0 % of mass 442	16.1	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-22586/2	z5794.d	11/13/2009	09:25
	LCS 460-22553/2-A	z5812.d	11/13/2009	17:47
GW-017338-111209-ACH-02	460-7904-2	z5813.d	11/13/2009	18:12
GW-017338-111209-ACH-02 MS	460-7904-2 MS	z5814.d	11/13/2009	18:36
GW-017338-111209-ACH-02 MSD	460-7904-2 MSD	z5815.d	11/13/2009	19:00
EB-017338-111209-ACH-01	460-7904-1	z5816.d	11/13/2009	19:25
GW-017338-111209-ACH-05	460-7904-5	z5819.d	11/13/2009	20:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab File ID: z5842.d DFTPP Injection Date: 11/16/2009

Instrument ID: BNAMS11 DFTPP Injection Time: 02:00

Analysis Batch No.: 22779

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	41.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	36.7	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.3	
275	10.0 - 30.0 % of mass 198	24.6	
365	Greater than 1.0 % of mass 198	2.2	
441	Present but less than mass 443	11.0	
442	Greater than 40.0 % of mass 198	80.6	
443	17.0 - 23.0 % of mass 442	15.3	(19.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-22779/2	z5843.d	11/16/2009	02:14
	IC 460-22779/3	z5844.d	11/16/2009	02:42
	IC 460-22779/4	z5845.d	11/16/2009	03:07
	IC 460-22779/5	z5846.d	11/16/2009	03:31
	IC 460-22779/6	z5847.d	11/16/2009	03:55
	IC 460-22779/7	z5848.d	11/16/2009	04:19

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab File ID: z5918.d DFTPP Injection Date: 11/17/2009

Instrument ID: BNAMS11 DFTPP Injection Time: 10:31

Analysis Batch No.: 23191

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.0	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	39.8	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	24.3	
365	Greater than 1.0 % of mass 198	2.4	
441	Present but less than mass 443	10.8	
442	Greater than 40.0 % of mass 198	73.5	
443	17.0 - 23.0 % of mass 442	14.0	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-23191/2	z5919.d	11/17/2009	10:45
GW-017338-111209-ACH-03	460-7904-3	z5933.d	11/17/2009	16:43
GW-017338-111209-ACH-04	460-7904-4	z5934.d	11/17/2009	17:07

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Sample No.: CCVIS 460-22586/2 Date Analyzed: 11/13/2009 09:25

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z5794.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		313950	3.42	1064337	4.72	488746	6.46
UPPER LIMIT		627900	3.92	2128674	5.22	977492	6.96
LOWER LIMIT		156975	2.92	532169	4.22	244373	5.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-22553/2-A		259990	3.41	867298	4.72	405721	6.46
460-7904-2	GW-017338-111209-ACH-02	289539	3.41	976251	4.71	462668	6.46
460-7904-2 MS	GW-017338-111209-ACH-02 MS	258357	3.41	841624	4.72	379264	6.46
460-7904-2 MSD	GW-017338-111209-ACH-02 MSD	248627	3.41	832171	4.72	379579	6.46
460-7904-1	EB-017338-111209-ACH-01	279396	3.41	941155	4.71	447902	6.46
460-7904-5	GW-017338-111209-ACH-05	309122	3.41	1022775	4.71	472950	6.46

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Sample No.: CCVIS 460-22586/2 Date Analyzed: 11/13/2009 09:25

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z5794.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		641116	7.90	364522	10.48	220704	12.11
UPPER LIMIT		1282232	8.40	729044	10.98	441408	12.61
LOWER LIMIT		320558	7.40	182261	9.98	110352	11.61
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-22553/2-A		528672	7.90	313835	10.47	207693	12.10
460-7904-2	GW-017338-111209-ACH-02	626170	7.90	400635	10.47	227897	12.10
460-7904-2 MS	GW-017338-111209-ACH-02 MS	490979	7.90	343514	10.47	227314	12.10
460-7904-2 MSD	GW-017338-111209-ACH-02 MSD	495542	7.90	307501	10.47	201126	12.10
460-7904-1	EB-017338-111209-ACH-01	581893	7.89	342335	10.47	193041	12.10
460-7904-5	GW-017338-111209-ACH-05	616378	7.90	382001	10.47	235171	12.10

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Sample No.: CCVIS 460-23191/2 Date Analyzed: 11/17/2009 10:45

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z5919.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		306520	3.32	1059948	4.63	517731	6.37
UPPER LIMIT		613040	3.82	2119896	5.13	1035462	6.87
LOWER LIMIT		153260	2.82	529974	4.13	258866	5.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-7904-3	GW-017338-111209-ACH-03	287272	3.31	1019719	4.63	524392	6.37
460-7904-4	GW-017338-111209-ACH-04	266035	3.31	921901	4.62	477691	6.37

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Sample No.: CCVIS 460-23191/2 Date Analyzed: 11/17/2009 10:45

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z5919.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		694050	7.82	449607	10.42	269503	12.02
UPPER LIMIT		1388100	8.32	899214	10.92	539006	12.52
LOWER LIMIT		347025	7.32	224804	9.92	134752	11.52
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-7904-3	GW-017338-111209-ACH-03	755415	7.82	591778	10.42	379639	12.06
460-7904-4	GW-017338-111209-ACH-04	643508	7.82	497047	10.41	319062	12.06

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: EB-017338-111209-ACH-01 | Lab Sample ID: 460-7904-1

Matrix: Water | Lab File ID: z5816.d

Analysis Method: 8270C | Date Collected: 11/12/2009 09:30

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 980(mL) | Date Analyzed: 11/13/2009 19:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	5.1	U *	5.1	0.68
108-95-2	Phenol	5.1	U *	5.1	0.45
111-44-4	Bis(2-chloroethyl)ether	0.51	U	0.51	0.21
95-57-8	2-Chlorophenol	5.1	U	5.1	1.3
95-48-7	2-Methylphenol	5.1	U	5.1	0.85
98-86-2	Acetophenone	5.1	U	5.1	2.2
621-64-7	N-Nitrosodi-n-propylamine	0.51	U	0.51	0.16
67-72-1	Hexachloroethane	0.51	U	0.51	0.26
98-95-3	Nitrobenzene	0.51	U	0.51	0.21
78-59-1	Isophorone	5.1	U	5.1	1.8
88-75-5	2-Nitrophenol	5.1	U	5.1	1.7
105-67-9	2,4-Dimethylphenol	5.1	U	5.1	1.3
111-91-1	Bis(2-chloroethoxy)methane	5.1	U	5.1	1.8
120-83-2	2,4-Dichlorophenol	5.1	U	5.1	1.4
91-20-3	Naphthalene	5.1	U	5.1	1.9
106-47-8	4-Chloroaniline	5.1	U	5.1	1.1
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.48
105-60-2	Caprolactam	5.1	U	5.1	0.26
59-50-7	4-Chloro-3-methylphenol	5.1	U	5.1	1.0
91-57-6	2-Methylnaphthalene	5.1	U	5.1	1.6
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	2.3
88-06-2	2,4,6-Trichlorophenol	5.1	U	5.1	1.6
95-95-4	2,4,5-Trichlorophenol	5.1	U	5.1	1.3
91-58-7	2-Chloronaphthalene	5.1	U	5.1	1.9
88-74-4	2-Nitroaniline	10	U	10	2.9
131-11-3	Dimethyl phthalate	5.1	U	5.1	1.7
208-96-8	Acenaphthylene	5.1	U	5.1	2.1
606-20-2	2,6-Dinitrotoluene	1.0	U	1.0	0.30
99-09-2	3-Nitroaniline	10	U	10	2.2
83-32-9	Acenaphthene	5.1	U	5.1	1.9
51-28-5	2,4-Dinitrophenol	15	U *	15	2.5
100-02-7	4-Nitrophenol	15	U	15	1.2
132-64-9	Dibenzofuran	5.1	U	5.1	1.8
121-14-2	2,4-Dinitrotoluene	1.0	U	1.0	0.22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: EB-017338-111209-ACH-01 Lab Sample ID: 460-7904-1

Matrix: Water Lab File ID: z5816.d

Analysis Method: 8270C Date Collected: 11/12/2009 09:30

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 980(mL) Date Analyzed: 11/13/2009 19:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	5.1	U	5.1	1.9
7005-72-3	4-Chlorophenyl phenyl ether	5.1	U	5.1	2.0
86-73-7	Fluorene	5.1	U	5.1	1.7
100-01-6	4-Nitroaniline	10	U	10	2.0
534-52-1	4,6-Dinitro-2-methylphenol	15	U	15	2.7
86-30-6	N-Nitrosodiphenylamine	5.1	U	5.1	2.0
101-55-3	4-Bromophenyl phenyl ether	5.1	U	5.1	2.0
118-74-1	Hexachlorobenzene	0.51	U	0.51	0.14
1912-24-9	Atrazine	5.1	U	5.1	2.4
87-86-5	Pentachlorophenol	15	U	15	2.6
85-01-8	Phenanthrene	5.1	U	5.1	1.8
120-12-7	Anthracene	5.1	U	5.1	1.8
86-74-8	Carbazole	5.1	U	5.1	1.6
84-74-2	Di-n-butyl phthalate	5.1	U	5.1	1.4
206-44-0	Fluoranthene	5.1	U	5.1	1.3
129-00-0	Pyrene	5.1	U	5.1	2.2
85-68-7	Butyl benzyl phthalate	5.1	U	5.1	1.4
91-94-1	3,3'-Dichlorobenzidine	10	U	10	3.6
56-55-3	Benzo[a]anthracene	0.51	U	0.51	0.14
218-01-9	Chrysene	5.1	U	5.1	1.9
117-81-7	Bis(2-ethylhexyl) phthalate	5.1	U	5.1	1.2
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	0.97
205-99-2	Benzo[b]fluoranthene	0.51	U	0.51	0.11
207-08-9	Benzo[k]fluoranthene	0.51	U	0.51	0.15
50-32-8	Benzo[a]pyrene	0.51	U	0.51	0.092
193-39-5	Indeno[1,2,3-cd]pyrene	0.51	U	0.51	0.061
53-70-3	Dibenz(a,h)anthracene	0.51	U	0.51	0.082
191-24-2	Benzo[g,h,i]perylene	5.1	U *	5.1	1.4
92-52-4	Diphenyl	5.1	U	5.1	2.8
106-44-5	4-Methylphenol	5.1	U	5.1	0.81
108-60-1	bis (2-chloroisopropyl) ether	5.1	U	5.1	1.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: EB-017338-111209-ACH-01 Lab Sample ID: 460-7904-1

Matrix: Water Lab File ID: z5816.d

Analysis Method: 8270C Date Collected: 11/12/2009 09:30

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 980(mL) Date Analyzed: 11/13/2009 19:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	38	14-68	
321-60-8	2-Fluorobiphenyl	89	61-112	
4165-62-2	Phenol-d5	24	9-48	
4165-60-0	Nitrobenzene-d5	97	61-120	
118-79-6	2,4,6-Tribromophenol	80	50-119	
1718-51-0	Terphenyl-d14	101	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: EB-017338-111209-ACH-01 Lab Sample ID: 460-7904-1

Matrix: Water Lab File ID: z5816.d

Analysis Method: 8270C Date Collected: 11/12/2009 09:30

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 980(mL) Date Analyzed: 11/13/2009 19:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5816.d
Report Date: 16-Nov-2009 11:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5816.d
Lab Smp Id: 460-7904-B-1-A Client Smp ID: EB-017338-111209-AC
Inj Date : 13-NOV-2009 19:25
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-B-1-A
Misc Info : 460-7904-B-1-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 14:28 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.193	2.198	(0.643)	167460	19.2363	20
$ 17 Phenol-d5 (SUR)	99	3.081	3.104	(0.903)	114225	12.1060	12
* 79 1,4-Dichlorobenzene-d4	152	3.410	3.416	(1.000)	279396	40.0000	
23 1,2-Dichlorobenzene	146	3.587	3.587	(1.052)	1535	0.14835	0.15(a)
$ 76 Nitrobenzene-d5 (SUR)	82	3.987	3.998	(0.846)	418746	48.4004	49
* 80 Naphthalene-d8	136	4.710	4.716	(1.000)	941155	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.816	5.822	(0.901)	688191	44.6690	46
* 82 Acenaphthene-d10	164	6.457	6.463	(1.000)	447902	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.228	7.239	(1.119)	77643	39.8049	41
* 83 Phenanthrene-d10	188	7.892	7.904	(1.000)	581893	40.0000	
$ 78 Terphenyl-d14	244	9.469	9.474	(0.904)	515378	50.3792	51
* 81 Chrysene-d12	240	10.469	10.480	(1.000)	342335	40.0000	
* 84 Perylene-d12	264	12.104	12.110	(1.000)	193041	40.0000	

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5816.d
Report Date: 16-Nov-2009 11:52

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5816.d
Report Date: 16-Nov-2009 11:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5816.d
Lab Smp Id: 460-7904-B-1-A Client Smp ID: EB-017338-111209-AC
Inj Date : 13-NOV-2009 19:25
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-B-1-A
Misc Info : 460-7904-B-1-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 14:28 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

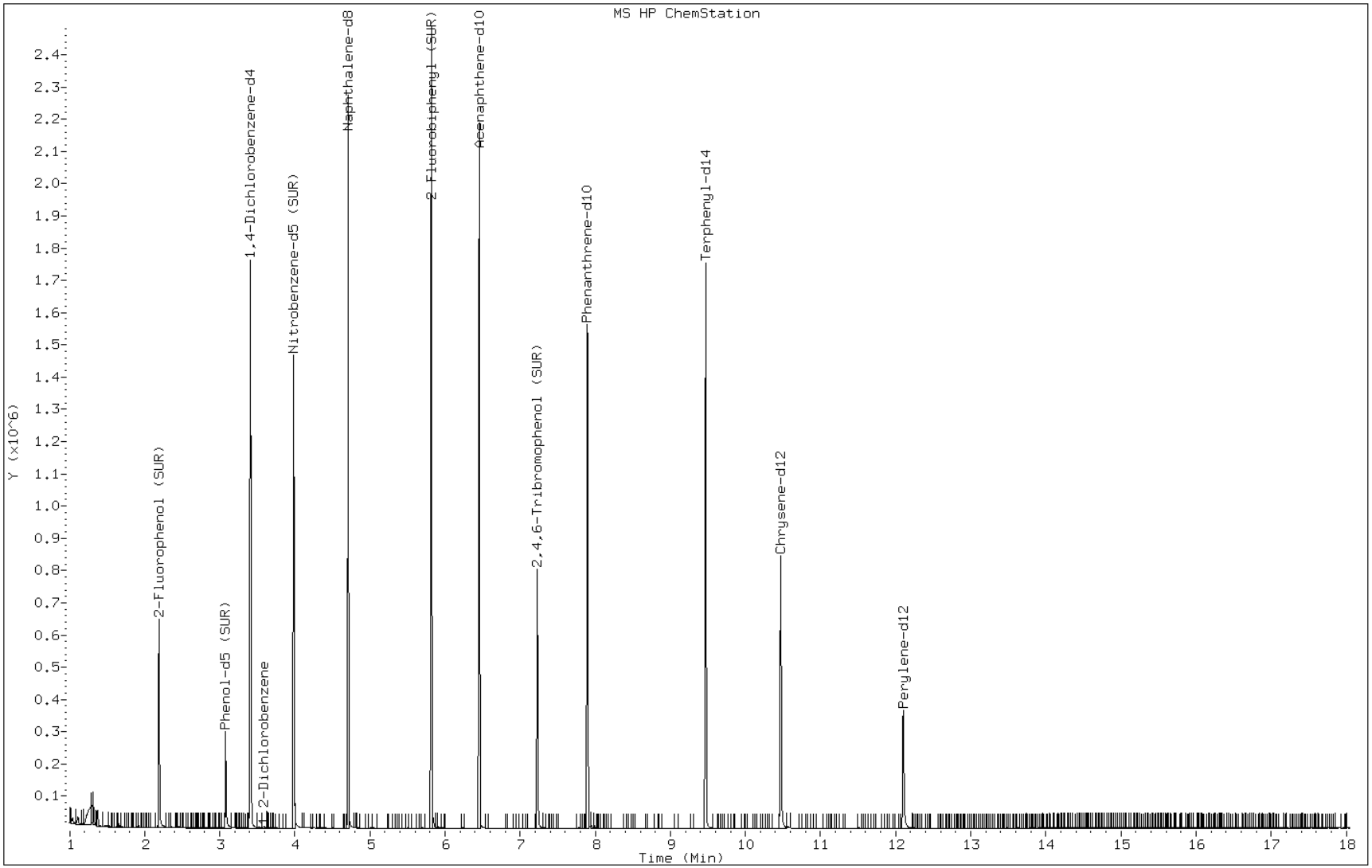
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z5816.d

Date: 13-NOV-2009 19:25

Client ID: EB-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2

Matrix: Water | Lab File ID: z5813.d

Analysis Method: 8270C | Date Collected: 11/12/2009 10:40

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) | Date Analyzed: 11/13/2009 18:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	5.6	U *	5.6	0.74
108-95-2	Phenol	5.6	U *	5.6	0.49
111-44-4	Bis(2-chloroethyl)ether	0.56	U	0.56	0.23
95-57-8	2-Chlorophenol	5.6	U	5.6	1.5
95-48-7	2-Methylphenol	5.6	U	5.6	0.92
98-86-2	Acetophenone	5.6	U	5.6	2.4
621-64-7	N-Nitrosodi-n-propylamine	0.56	U	0.56	0.18
67-72-1	Hexachloroethane	0.56	U	0.56	0.28
98-95-3	Nitrobenzene	0.56	U	0.56	0.23
78-59-1	Isophorone	5.6	U	5.6	2.0
88-75-5	2-Nitrophenol	5.6	U	5.6	1.9
105-67-9	2,4-Dimethylphenol	5.6	U	5.6	1.4
111-91-1	Bis(2-chloroethoxy)methane	5.6	U	5.6	1.9
120-83-2	2,4-Dichlorophenol	5.6	U	5.6	1.5
91-20-3	Naphthalene	5.6	U	5.6	2.0
106-47-8	4-Chloroaniline	5.6	U	5.6	1.2
87-68-3	Hexachlorobutadiene	1.1	U	1.1	0.52
105-60-2	Caprolactam	5.6	U	5.6	0.28
59-50-7	4-Chloro-3-methylphenol	5.6	U	5.6	1.1
91-57-6	2-Methylnaphthalene	5.6	U	5.6	1.7
77-47-4	Hexachlorocyclopentadiene	5.6	U	5.6	2.5
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	1.8
95-95-4	2,4,5-Trichlorophenol	5.6	U	5.6	1.4
91-58-7	2-Chloronaphthalene	5.6	U	5.6	2.1
88-74-4	2-Nitroaniline	11	U	11	3.2
131-11-3	Dimethyl phthalate	5.6	U	5.6	1.8
208-96-8	Acenaphthylene	5.6	U	5.6	2.2
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	0.33
99-09-2	3-Nitroaniline	11	U	11	2.4
83-32-9	Acenaphthene	5.6	U	5.6	2.1
51-28-5	2,4-Dinitrophenol	17	U *	17	2.7
100-02-7	4-Nitrophenol	17	U	17	1.3
132-64-9	Dibenzofuran	5.6	U	5.6	2.0
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	0.24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 Lab Sample ID: 460-7904-2

Matrix: Water Lab File ID: z5813.d

Analysis Method: 8270C Date Collected: 11/12/2009 10:40

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) Date Analyzed: 11/13/2009 18:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	5.6	U	5.6	2.1
7005-72-3	4-Chlorophenyl phenyl ether	5.6	U	5.6	2.2
86-73-7	Fluorene	5.6	U	5.6	1.8
100-01-6	4-Nitroaniline	11	U	11	2.2
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	2.9
86-30-6	N-Nitrosodiphenylamine	5.6	U	5.6	2.2
101-55-3	4-Bromophenyl phenyl ether	5.6	U	5.6	2.2
118-74-1	Hexachlorobenzene	0.56	U	0.56	0.15
1912-24-9	Atrazine	5.6	U	5.6	2.6
87-86-5	Pentachlorophenol	17	U	17	2.8
85-01-8	Phenanthrene	5.6	U	5.6	2.0
120-12-7	Anthracene	5.6	U	5.6	2.0
86-74-8	Carbazole	5.6	U	5.6	1.7
84-74-2	Di-n-butyl phthalate	5.6	U	5.6	1.5
206-44-0	Fluoranthene	5.6	U	5.6	1.5
129-00-0	Pyrene	5.6	U	5.6	2.4
85-68-7	Butyl benzyl phthalate	5.6	U	5.6	1.5
91-94-1	3,3'-Dichlorobenzidine	11	U	11	3.9
56-55-3	Benzo[a]anthracene	0.56	U	0.56	0.15
218-01-9	Chrysene	5.6	U	5.6	2.1
117-81-7	Bis(2-ethylhexyl) phthalate	5.6	U	5.6	1.3
117-84-0	Di-n-octyl phthalate	5.6	U	5.6	1.1
205-99-2	Benzo[b]fluoranthene	0.56	U	0.56	0.12
207-08-9	Benzo[k]fluoranthene	0.56	U	0.56	0.17
50-32-8	Benzo[a]pyrene	0.56	U	0.56	0.10
193-39-5	Indeno[1,2,3-cd]pyrene	0.56	U	0.56	0.067
53-70-3	Dibenz(a,h)anthracene	0.56	U	0.56	0.089
191-24-2	Benzo[g,h,i]perylene	5.6	U *	5.6	1.5
92-52-4	Diphenyl	5.6	U	5.6	3.0
106-44-5	4-Methylphenol	5.6	U	5.6	0.88
108-60-1	bis (2-chloroisopropyl) ether	5.6	U	5.6	1.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 Lab Sample ID: 460-7904-2

Matrix: Water Lab File ID: z5813.d

Analysis Method: 8270C Date Collected: 11/12/2009 10:40

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) Date Analyzed: 11/13/2009 18:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	37	14-68	
321-60-8	2-Fluorobiphenyl	87	61-112	
4165-62-2	Phenol-d5	24	9-48	
4165-60-0	Nitrobenzene-d5	95	61-120	
118-79-6	2,4,6-Tribromophenol	81	50-119	
1718-51-0	Terphenyl-d14	94	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 Lab Sample ID: 460-7904-2

Matrix: Water Lab File ID: z5813.d

Analysis Method: 8270C Date Collected: 11/12/2009 10:40

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) Date Analyzed: 11/13/2009 18:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5813.d
Report Date: 16-Nov-2009 11:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5813.d
Lab Smp Id: 460-7904-B-2-A Client Smp ID: GW-017338-111209-AC
Inj Date : 13-NOV-2009 18:12
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-B-2-A
Misc Info : 460-7904-B-2-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 14:28 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.193	2.198	(0.643)	165311	18.3242	20
$ 17 Phenol-d5 (SUR)	99	3.081	3.104	(0.903)	119008	12.1711	14
* 79 1,4-Dichlorobenzene-d4	152	3.410	3.416	(1.000)	289539	40.0000	
23 1,2-Dichlorobenzene	146	3.587	3.587	(1.052)	1765	0.16461	0.18(a)
$ 76 Nitrobenzene-d5 (SUR)	82	3.987	3.998	(0.846)	427230	47.6058	53
* 80 Naphthalene-d8	136	4.710	4.716	(1.000)	976251	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.816	5.822	(0.901)	692483	43.5131	48
* 82 Acenaphthene-d10	164	6.457	6.463	(1.000)	462668	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.228	7.239	(1.119)	81466	40.4319	45
* 83 Phenanthrene-d10	188	7.898	7.904	(1.000)	626170	40.0000	
$ 78 Terphenyl-d14	244	9.469	9.474	(0.904)	562373	46.9734	52
* 81 Chrysene-d12	240	10.475	10.480	(1.000)	400635	40.0000	
* 84 Perylene-d12	264	12.104	12.110	(1.000)	227897	40.0000	

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5813.d
Report Date: 16-Nov-2009 11:52

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5813.d
Report Date: 16-Nov-2009 11:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5813.d
Lab Smp Id: 460-7904-B-2-A Client Smp ID: GW-017338-111209-AC
Inj Date : 13-NOV-2009 18:12
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-B-2-A
Misc Info : 460-7904-B-2-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 14:28 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

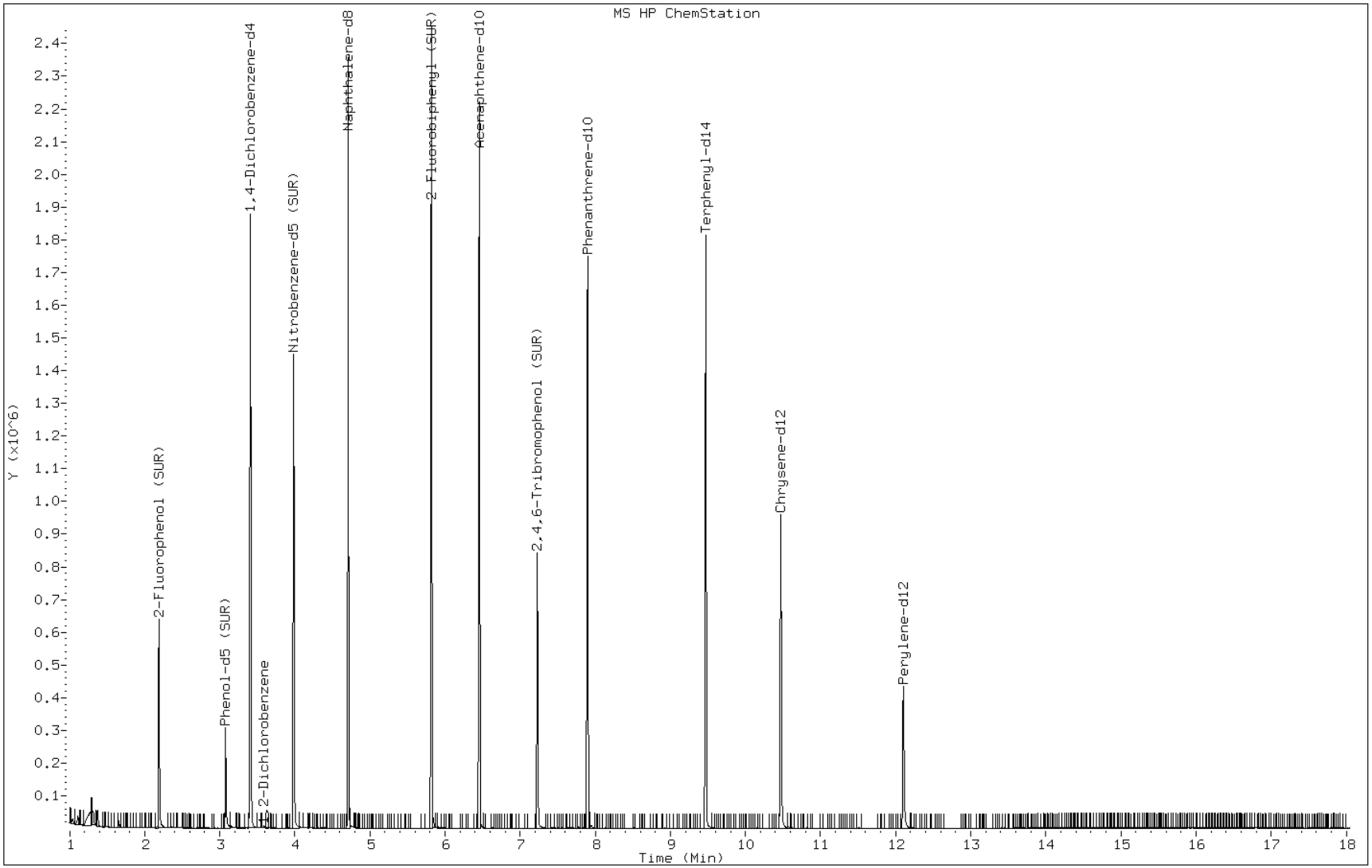
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z5813.d

Date: 13-NOV-2009 18:12

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-03 | Lab Sample ID: 460-7904-3

Matrix: Water | Lab File ID: z5933.d

Analysis Method: 8270C | Date Collected: 11/12/2009 11:50

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 970(mL) | Date Analyzed: 11/17/2009 16:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 23191 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	1.4
108-95-2	Phenol	10	U *	10	0.92
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
95-57-8	2-Chlorophenol	10	U	10	2.7
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
67-72-1	Hexachloroethane	1.0	U	1.0	0.52
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	220		10	3.8
106-47-8	4-Chloroaniline	10	U	10	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.97
105-60-2	Caprolactam	10	U	10	0.52
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.1
91-57-6	2-Methylnaphthalene	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.3
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	3.9
88-74-4	2-Nitroaniline	21	U	21	5.9
131-11-3	Dimethyl phthalate	10	U	10	3.4
208-96-8	Acenaphthylene	10	U	10	4.2
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.61
99-09-2	3-Nitroaniline	21	U	21	4.5
83-32-9	Acenaphthene	10	U	10	3.9
51-28-5	2,4-Dinitrophenol	31	U *	31	5.0
100-02-7	4-Nitrophenol	31	U	31	2.4
132-64-9	Dibenzofuran	10	U	10	3.7
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-03 Lab Sample ID: 460-7904-3

Matrix: Water Lab File ID: z5933.d

Analysis Method: 8270C Date Collected: 11/12/2009 11:50

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 970(mL) Date Analyzed: 11/17/2009 16:43

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 23191 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.4
100-01-6	4-Nitroaniline	21	U	21	4.1
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.4
86-30-6	N-Nitrosodiphenylamine	10	U	10	4.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.28
1912-24-9	Atrazine	10	U	10	4.9
87-86-5	Pentachlorophenol	31	U	31	5.3
85-01-8	Phenanthrene	10	U	10	3.7
120-12-7	Anthracene	10	U	10	3.7
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U	21	7.2
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.28
218-01-9	Chrysene	10	U	10	3.9
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.5
117-84-0	Di-n-octyl phthalate	10	U	10	2.0
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.22
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U *	10	2.8
92-52-4	Diphenyl	10	U	10	5.6
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-03 Lab Sample ID: 460-7904-3

Matrix: Water Lab File ID: z5933.d

Analysis Method: 8270C Date Collected: 11/12/2009 11:50

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 970(mL) Date Analyzed: 11/17/2009 16:43

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 23191 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	40	14-68	
321-60-8	2-Fluorobiphenyl	88	61-112	
4165-62-2	Phenol-d5	24	9-48	
4165-60-0	Nitrobenzene-d5	88	61-120	
118-79-6	2,4,6-Tribromophenol	100	50-119	
1718-51-0	Terphenyl-d14	81	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-03 Lab Sample ID: 460-7904-3

Matrix: Water Lab File ID: z5933.d

Analysis Method: 8270C Date Collected: 11/12/2009 11:50

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 970(mL) Date Analyzed: 11/17/2009 16:43

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 23191 Units: ug/L

Number TICs Found: 23 TIC Result Total: 1054

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Xylene isomer	2.08	15	T J
	Methylethylbenzene isomer	2.52	22	T J
	Unknown-1	3.28	20	T J
496-11-7	Indane	3.50	240	T J N
	Diethylbenzene isomer-1	3.59	39	T J
	Diethylbenzene isomer-2	3.66	82	T J
	Ethyldimethylbenzene isomer-1	3.82	16	T J
	Ethyldimethylbenzene isomer-2	3.93	16	T J
	Unknown-2	4.01	29	T J
	Tetramethylbenzene isomer	4.13	88	T J
	C10H14 Aromatic	4.16	62	T J
	C10H12 Aromatic-1	4.30	38	T J
	C10H12 Aromatic-2	4.37	160	T J
	C11H16 Aromatic	4.69	19	T J
700-12-9	Benzene, pentamethyl-	5.22	16	T J N
	Unknown-3	5.65	26	T J
	C9H10 Aromatic	5.88	18	T J
	C10H10O Ketone	5.96	20	T J
480-63-7	Benzoic acid, 2,4,6-trimethyl-	6.02	27	T J N
	Unknown-4	6.07	16	T J
528-90-5	Benzoic acid, 2,4,5-trimethyl-	6.32	35	T J N
	Unknown-5	8.24	30	T J
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	9.33	20	T J N

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5933.d
Report Date: 19-Nov-2009 12:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5933.d
Lab Smp Id: 460-7904-B-3-A Client Smp ID: GW-017338-111209-AC
Inj Date : 17-NOV-2009 16:43
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-B-3-A
Misc Info : 460-7904-B-3-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/8270C_08SP.m
Meth Date : 17-Nov-2009 11:05 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 04:19 Cal File: z5848.d
Als bottle: 16
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.104	2.110	(0.636)	85666	10.0690	21
$ 17 Phenol-d5 (SUR)	99	2.993	3.010	(0.904)	59225	6.05953	12
* 79 1,4-Dichlorobenzene-d4	152	3.310	3.316	(1.000)	287272	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.898	3.904	(0.842)	207422	22.0026	45
* 80 Naphthalene-d8	136	4.628	4.628	(1.000)	1019719	40.0000	
31 Naphthalene	128	4.651	4.651	(1.005)	2862438	108.398	220
34 2-Methylnaphthalene	142	5.345	5.351	(1.155)	24105	1.47245	3.0(a)
120 1-Methylnaphthalene	142	5.440	5.445	(1.175)	46208	2.88354	5.9(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.734	5.739	(0.899)	396123	21.8753	45
* 82 Acenaphthene-d10	164	6.375	6.375	(1.000)	524392	40.0000	
42 Acenaphthene	154	6.404	6.410	(1.005)	9841	0.70264	1.4(a)
43 Dibenzofuran	168	6.575	6.580	(1.031)	7013	0.34567	0.71(a)
47 Fluorene	166	6.910	6.916	(1.084)	5998	0.37088	0.76(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.151	7.157	(1.122)	58245	25.0645	52
* 83 Phenanthrene-d10	188	7.816	7.822	(1.000)	755415	40.0000	

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5933.d
Report Date: 19-Nov-2009 12:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
56 Fluoranthene	202	8.998	9.004	(1.151)	2464	0.12528	0.26(a)
$ 78 Terphenyl-d14	244	9.410	9.404	(0.903)	357017	20.3035	42
* 81 Chrysene-d12	240	10.422	10.421	(1.000)	591778	40.0000	
* 84 Perylene-d12	264	12.063	12.021	(1.000)	379639	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5933.d
Report Date: 19-Nov-2009 12:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5933.d
Lab Smp Id: 460-7904-B-3-A Client Smp ID: GW-017338-111209-AC
Inj Date : 17-NOV-2009 16:43
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-B-3-A
Misc Info : 460-7904-B-3-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/8270C_08SP.m
Meth Date : 17-Nov-2009 11:05 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 04:19 Cal File: z5848.d
Als bottle: 16
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	3.310	1793560	40.000
* 80	Naphthalene-d8	4.628	2515310	40.000
* 82	Acenaphthene-d10	6.375	2233549	40.000
* 83	Phenanthrene-d10	7.816	1922502	40.000
* 81	Chrysene-d12	10.422	1533141	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5933.d
Report Date: 19-Nov-2009 12:14

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Xylene isomer					CAS #:		
2.075	328837	7.33372871	15	0		0	79
Methylethylbenzene isomer					CAS #:		
2.522	479807	10.7006519	22	0		0	79
Unknown-1					CAS #:		
3.275	439294	9.79712661	20	0		0	79
Indane					CAS #: 496-11-7		
3.504	5299203	118.182849	240	91	NIST02.l	8674	79(L)
Diethylbenzene isomer-1					CAS #:		
3.593	840695	18.7491829	39	0		0	79
Diethylbenzene isomer-2					CAS #:		
3.663	1781991	39.7419642	82	0		0	79
Ethyldimethylbenzene isomer-1					CAS #:		
3.816	337872	7.53522864	16	0		0	79
Ethyldimethylbenzene isomer-2					CAS #:		
3.928	344115	7.67445494	16	0		0	79
Unknown-2					CAS #:		
4.010	876027	13.9311071	29	0		0	80
Tetramethylbenzene isomer					CAS #:		
4.134	2698397	42.9115479	88	0		0	80
C10H14 Aromatic					CAS #:		
4.157	1876042	29.8339595	62	0		0	80(L)
C10H12 Aromatic-1					CAS #:		
4.304	1161012	18.4631224	38	0		0	80
C10H12 Aromatic-2					CAS #:		
4.375	4729984	75.2190699	160	0		0	80
C11H16 Aromatic					CAS #:		
4.687	587418	9.34147569	19	0		0	80(L)
Benzene, pentamethyl-					CAS #: 700-12-9		
5.222	494979	7.87145207	16	95	NIST02.l	21796	80(L)

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5933.d
Report Date: 19-Nov-2009 12:14

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-3					CAS #:		
5.645	703833	12.6047406	26	0		0	82(L)
C9H10 Aromatic					CAS #:		
5.881	482270	8.63683701	18	0		0	82(L)
C10H10O Ketone					CAS #:		
5.963	532680	9.53961436	20	0		0	82(L)
Benzoic acid, 2,4,6-trimethyl-					CAS #: 480-63-7		
6.016	739450	13.2425926	27	93	NIST02.l	31600	82
Unknown-4					CAS #:		
6.075	431693	7.73106700	16	0		0	82
Benzoic acid, 2,4,5-trimethyl-					CAS #: 528-90-5		
6.322	938026	16.7988291	35	97	NIST02.l	31594	82
Unknown-5					CAS #:		
8.239	709696	14.7660944	30	0		0	83
Phenol, 4,4'-(1-methylethylidene)bis-					CAS #: 80-05-7		
9.333	380038	9.91528105	20	98	NIST02.l	75157	81

QC Flag Legend

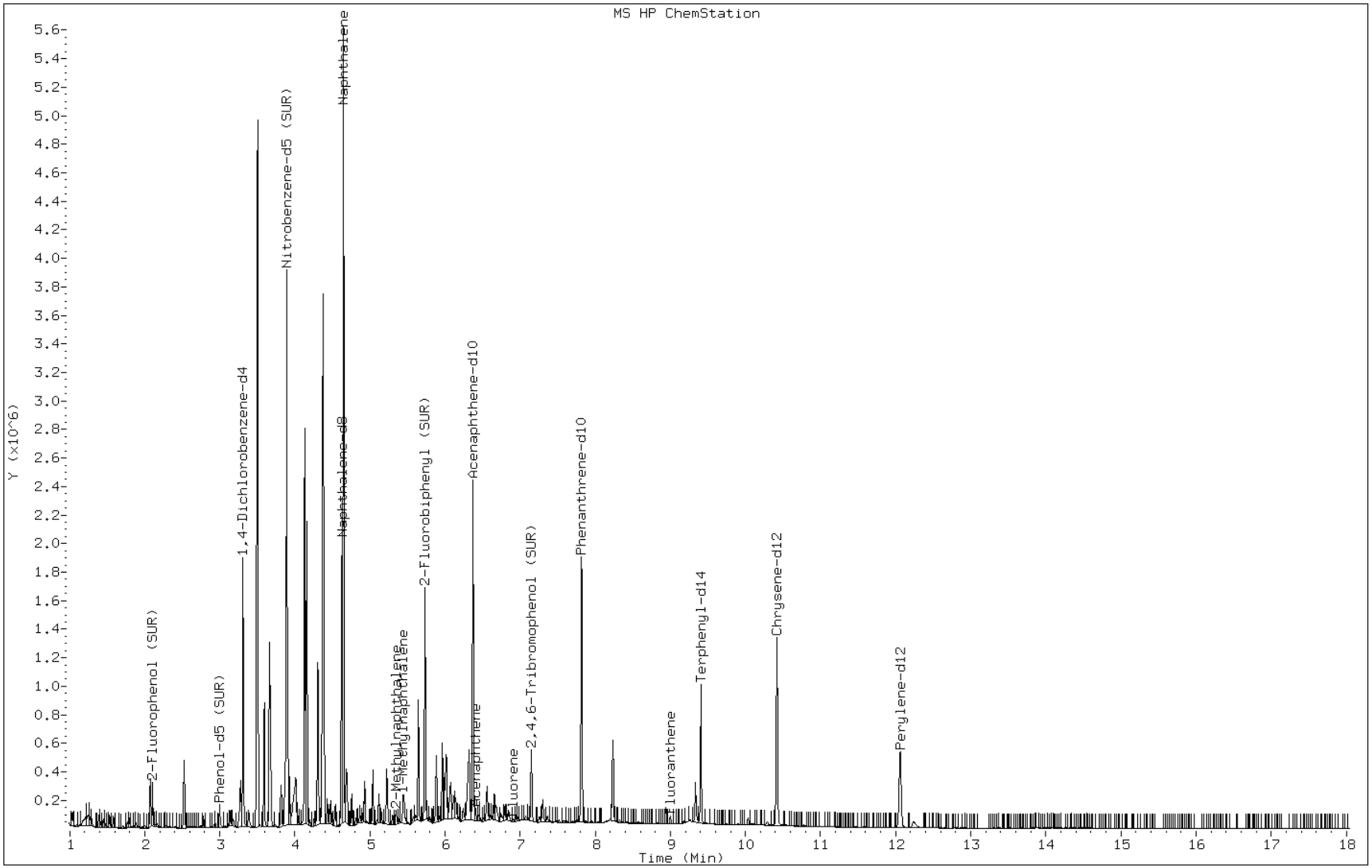
L - Operator selected an alternate library search match.

Data File: z5933.d

Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4



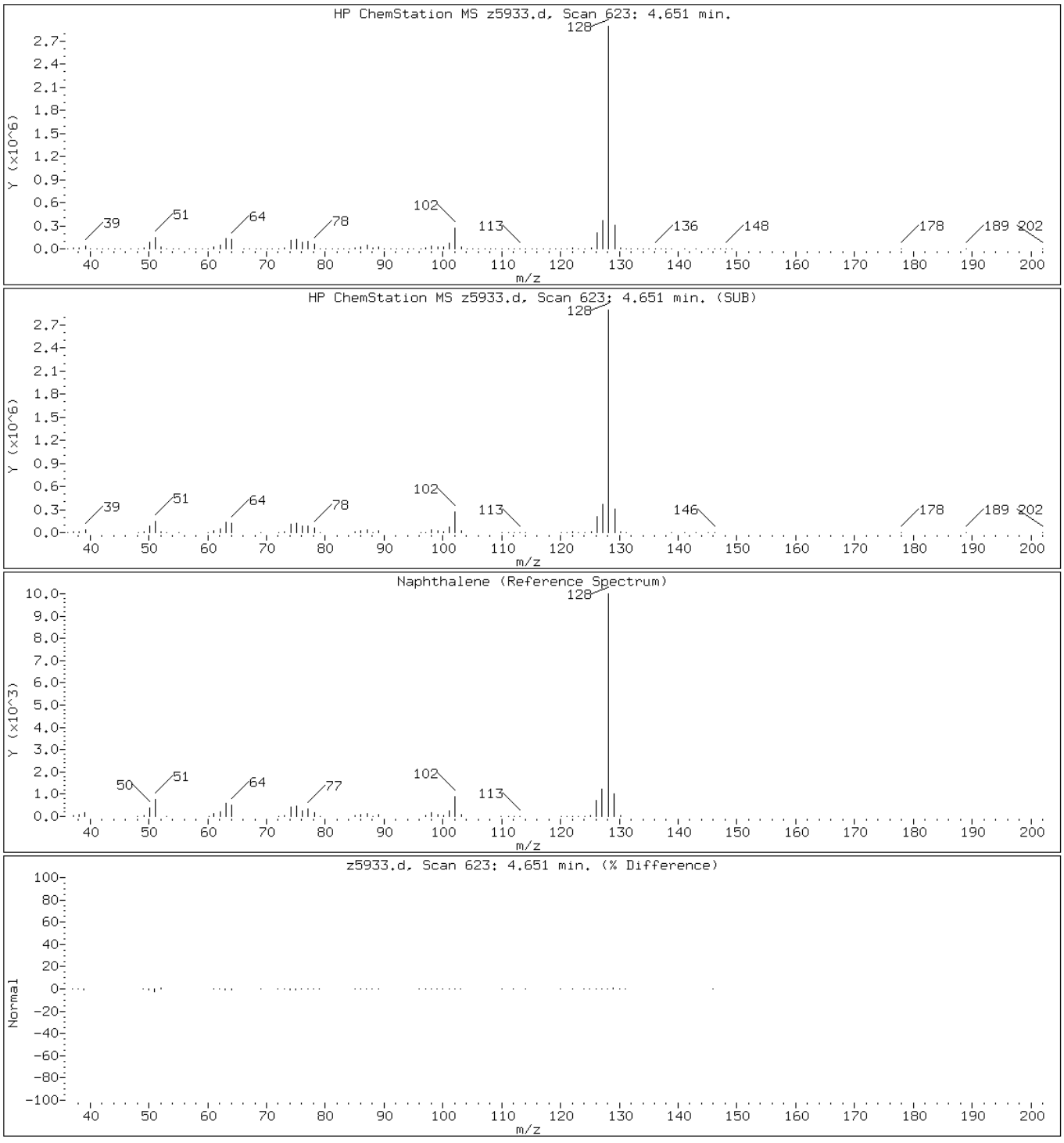
Data File: z5933.d

Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

31 Naphthalene



Data File: z5933.d

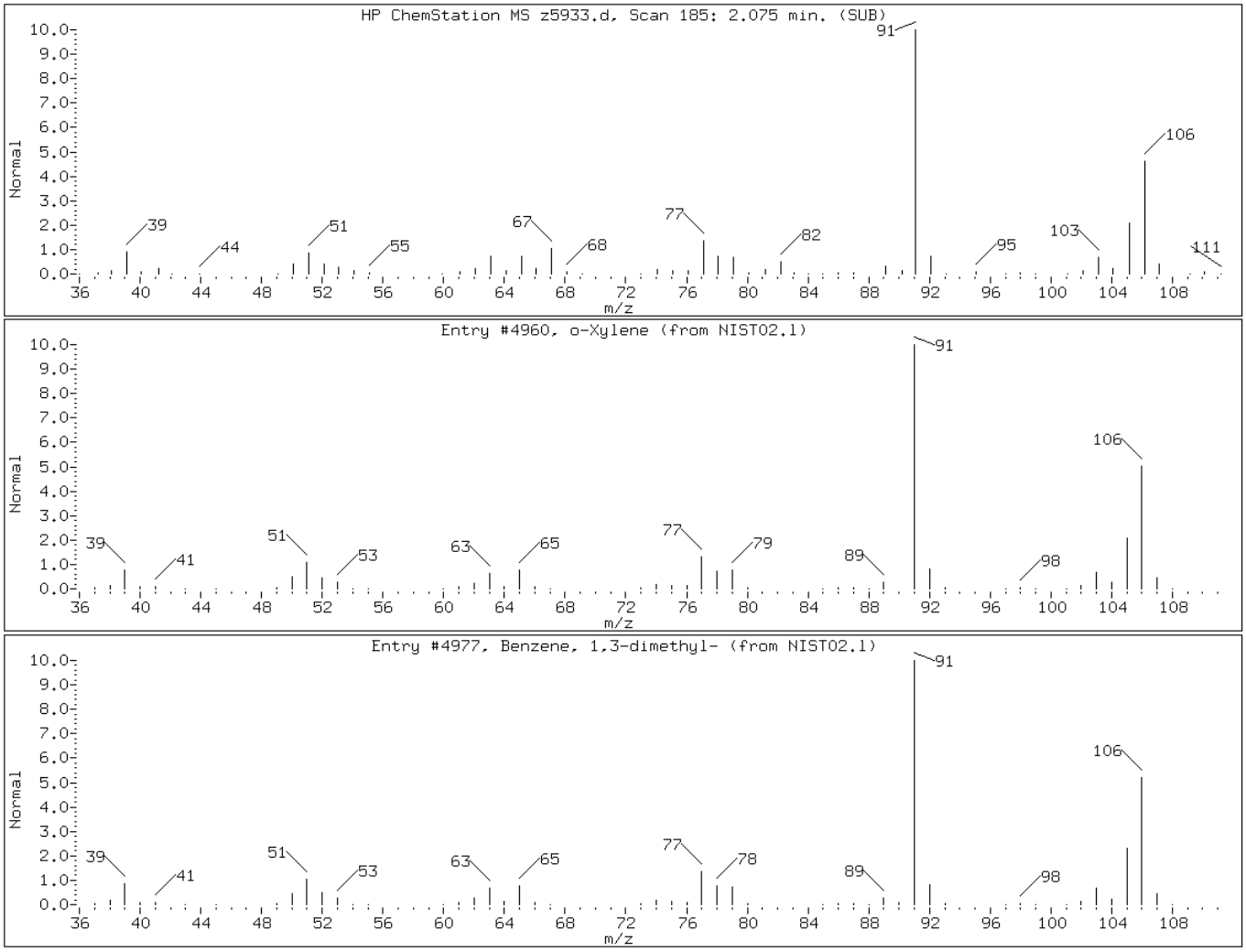
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 2.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
o-Xylene	95-47-6	NIST02.l	4960	95	C8H10	106
Benzene, 1,3-dimethyl-	108-38-3	NIST02.l	4977	95	C8H10	106



Data File: z5933.d

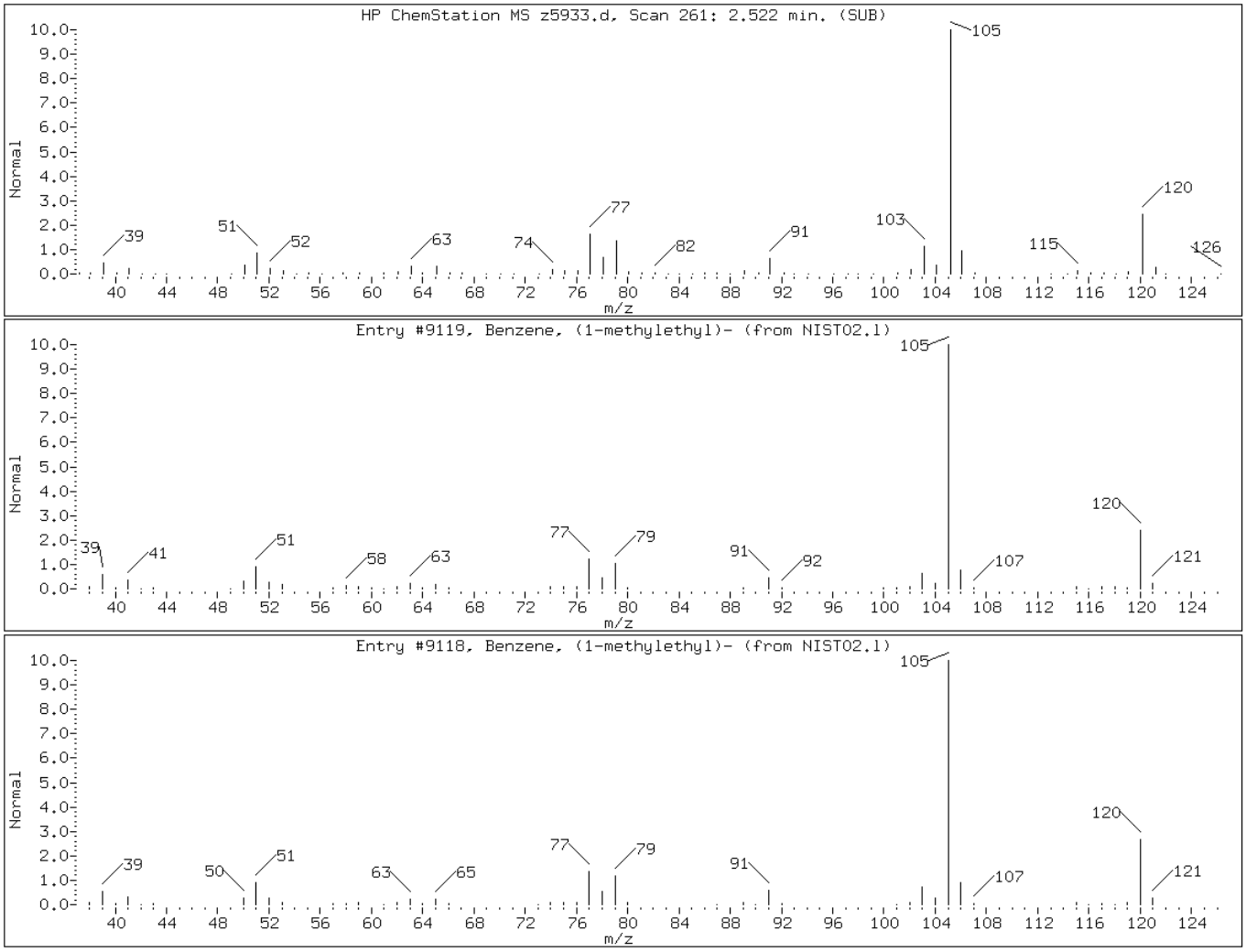
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 2.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylethylbenzene isomer						
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	94	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	94	C9H12	120



Data File: z5933.d

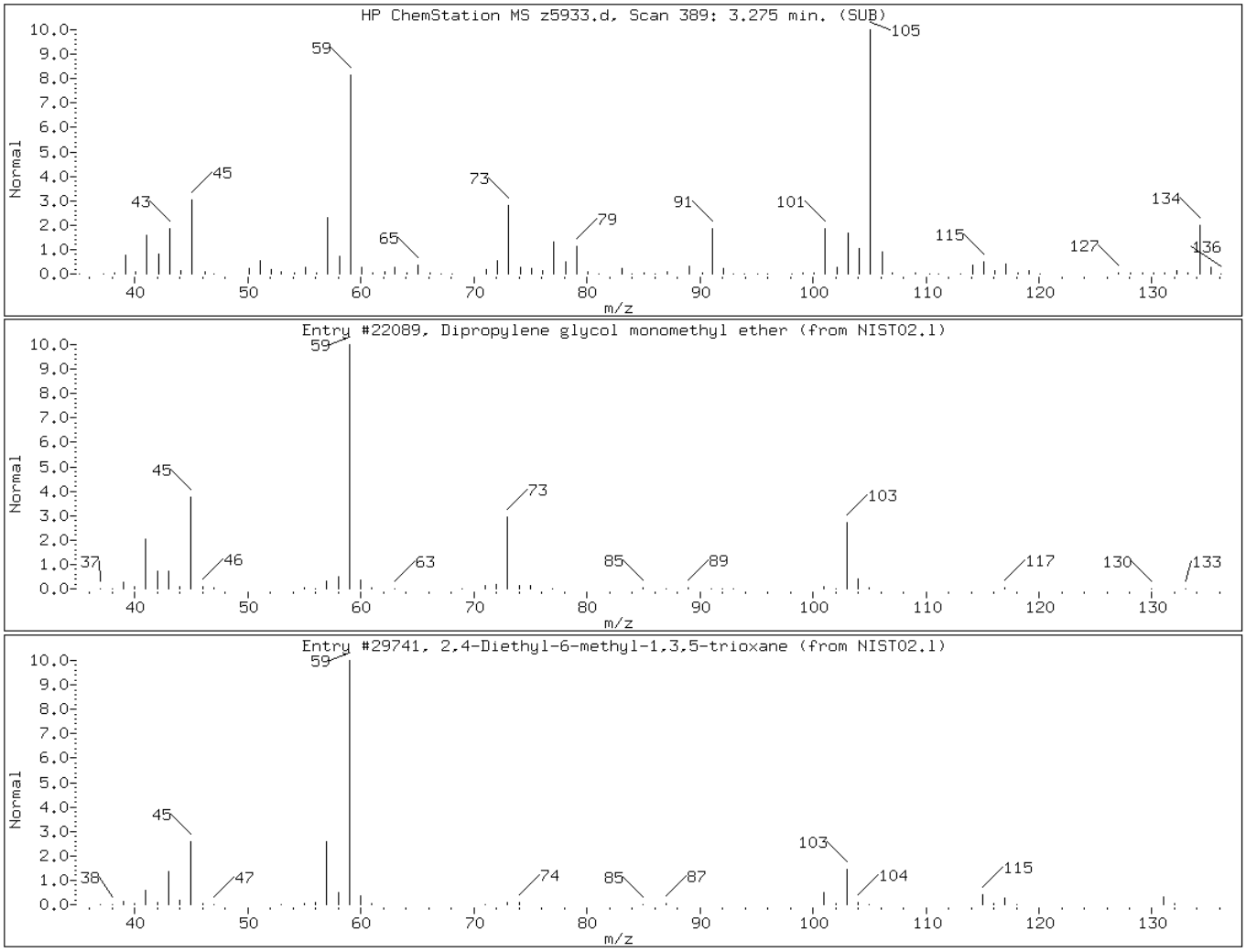
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 3.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Dipropylene glycol monomethyl ethe	34590-94-8	NIST02.l	22089	50	C7H16O3	148
2,4-Diethyl-6-methyl-1,3,5-trioxan	117888-04-7	NIST02.l	29741	43	C8H16O3	160



Data File: z5933.d

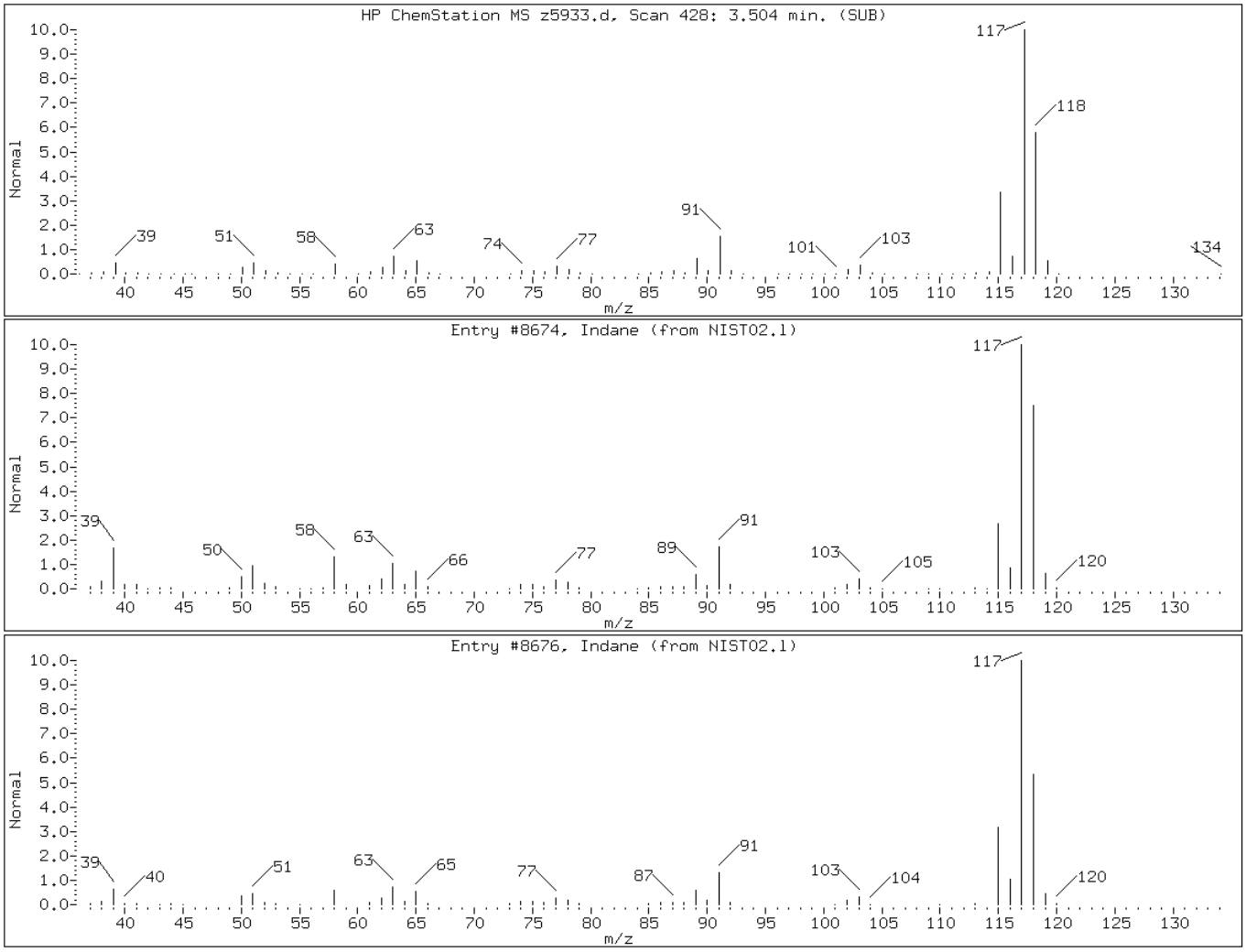
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 3.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	91	C9H10	118
C9H10 Aromatic						
Indane	496-11-7	NIST02.l	8676	87	C9H10	118



Data File: z5933.d

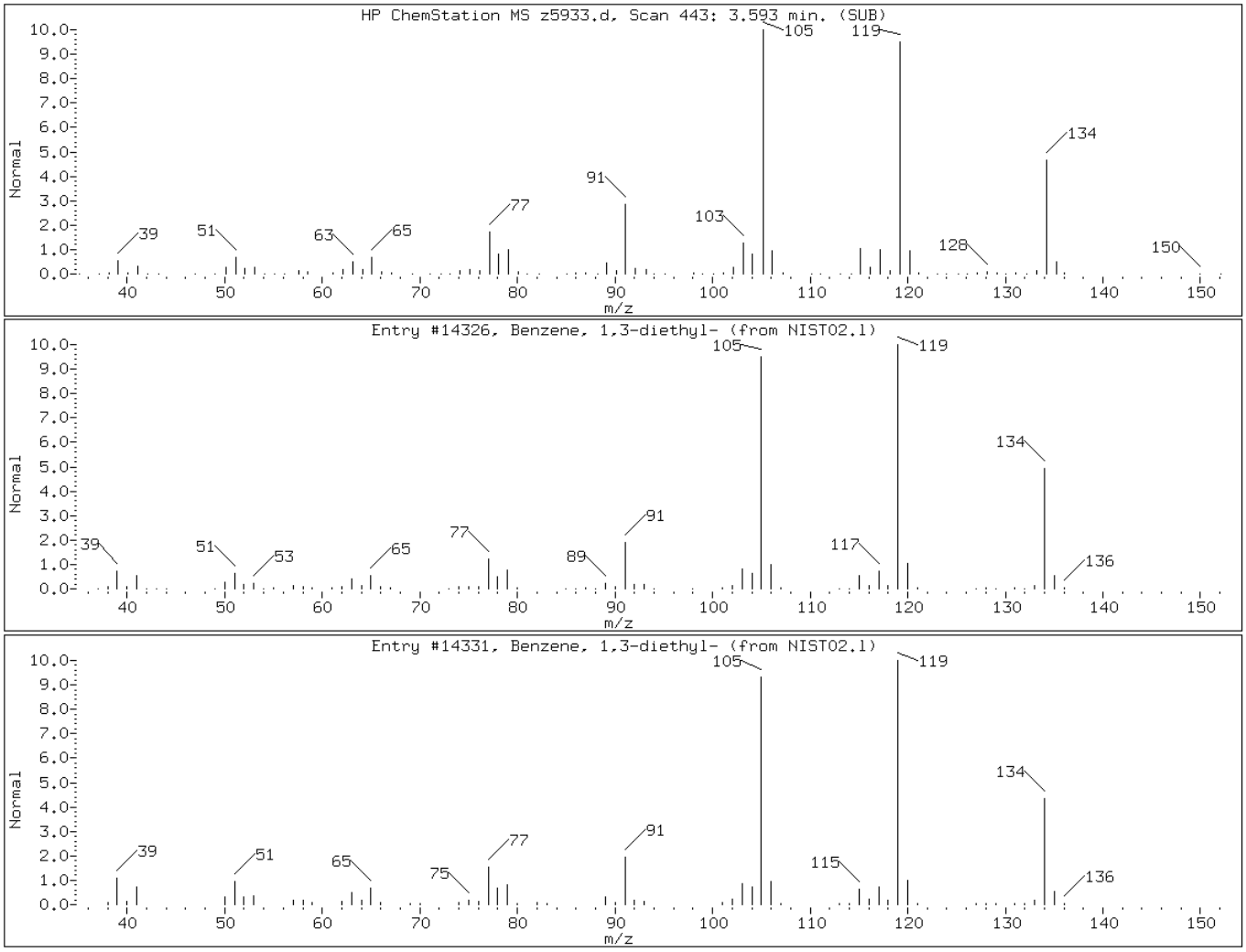
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 3.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer-1						
Benzene, 1,3-diethyl-	141-93-5	NIST02.l	14326	97	C10H14	134
Benzene, 1,3-diethyl-	141-93-5	NIST02.l	14331	95	C10H14	134



Data File: z5933.d

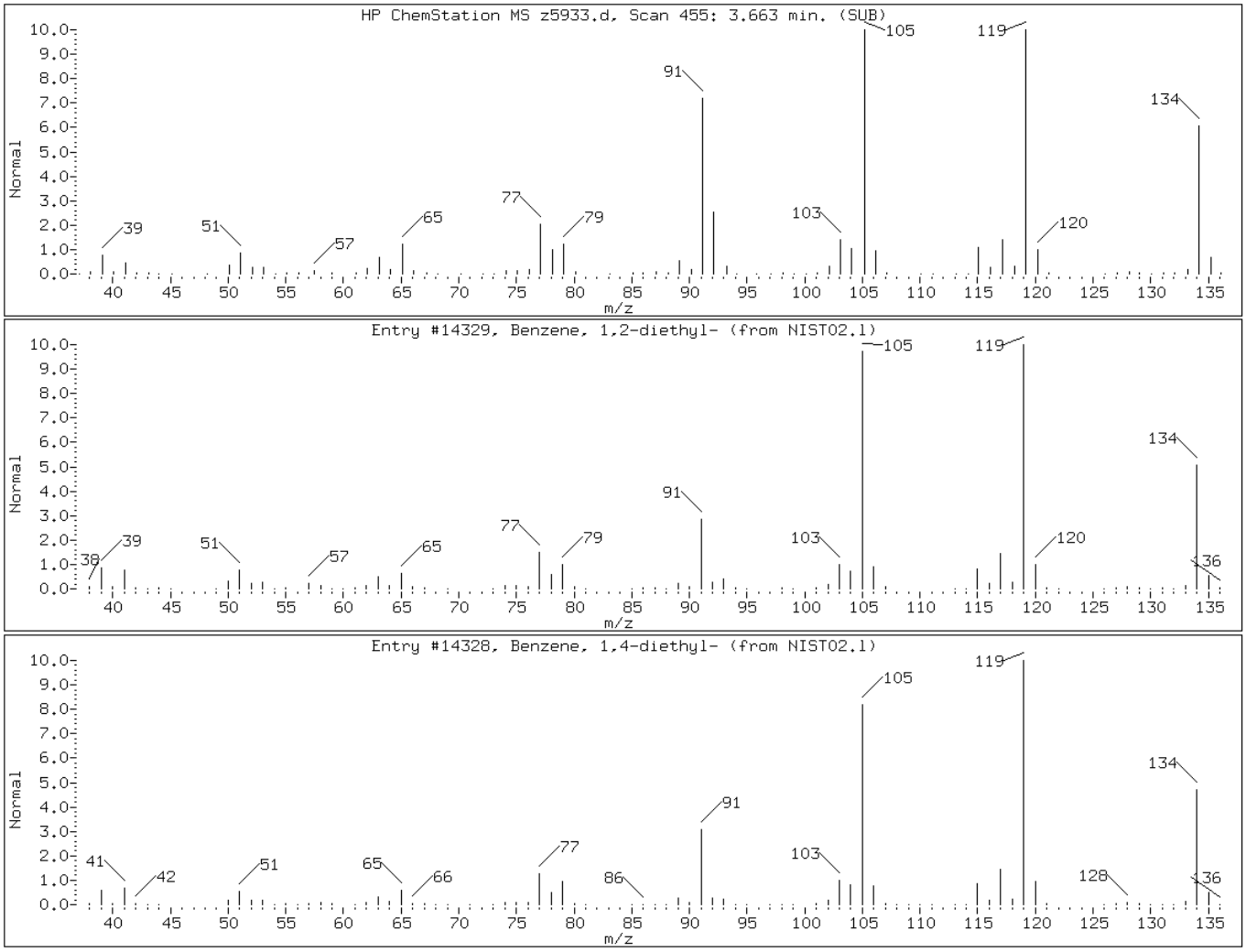
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 3.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer-2						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	97	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	96	C10H14	134



Data File: z5933.d

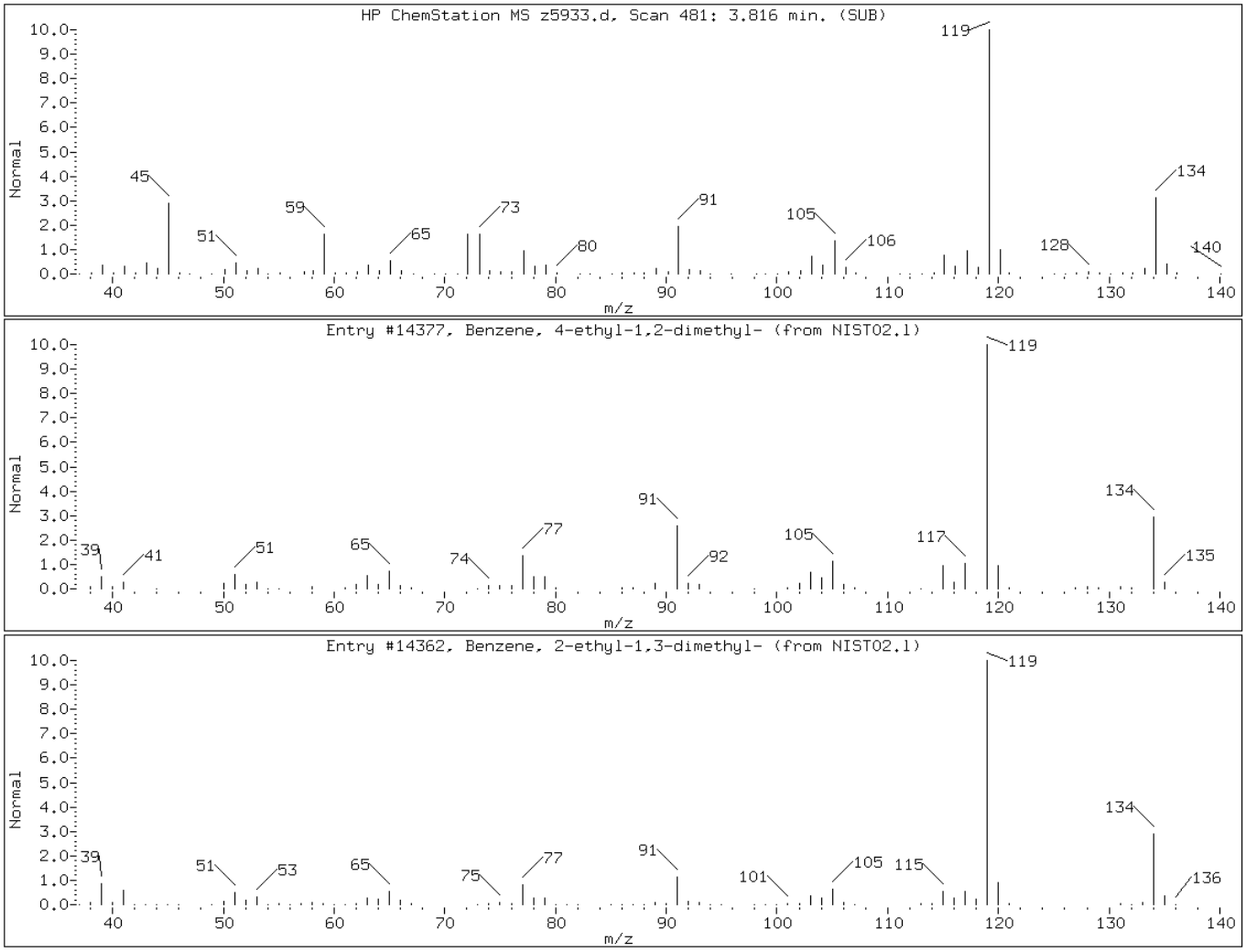
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 3.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14362	94	C10H14	134



Data File: z5933.d

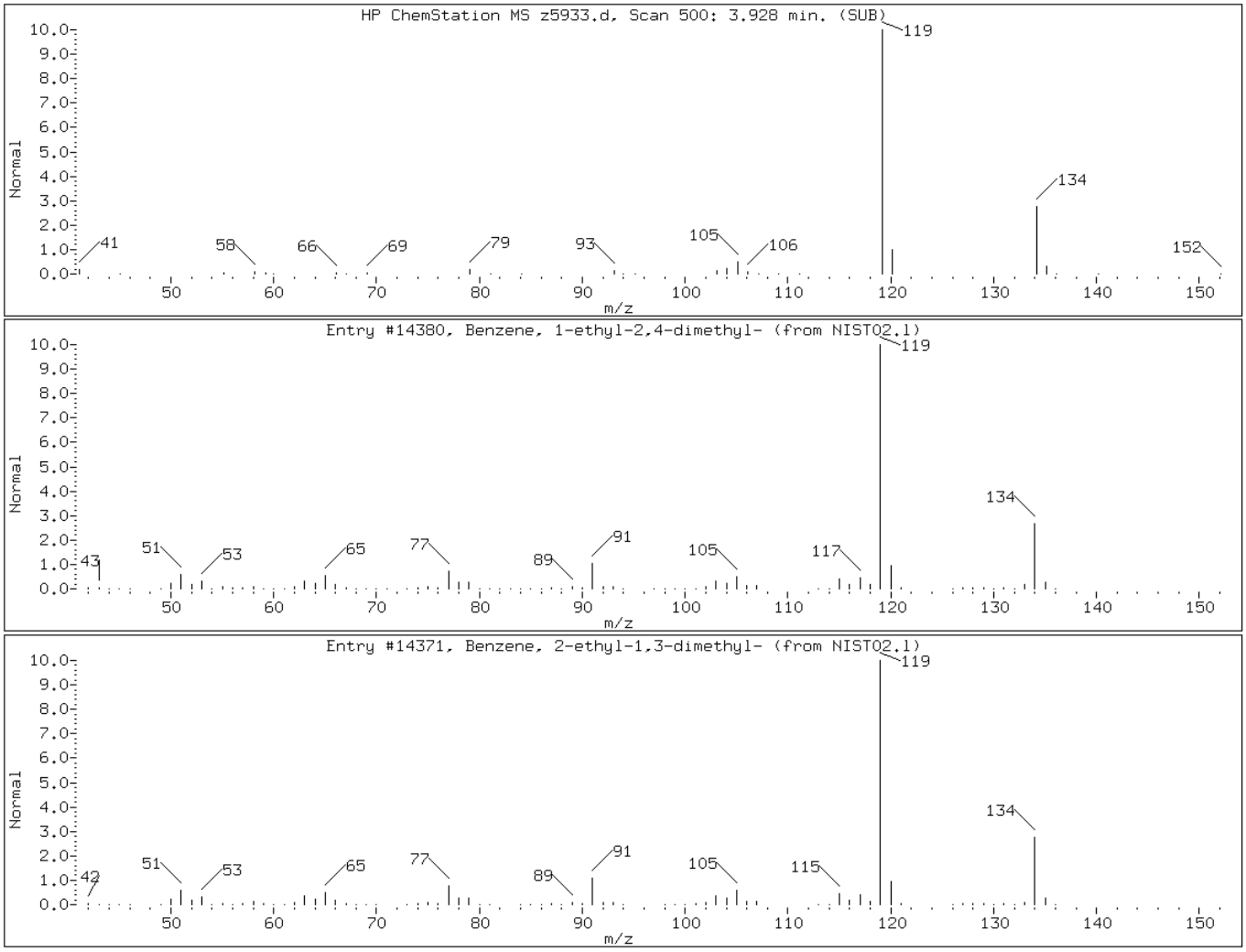
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 3.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-2						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14380	90	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14371	90	C10H14	134



Data File: z5933.d

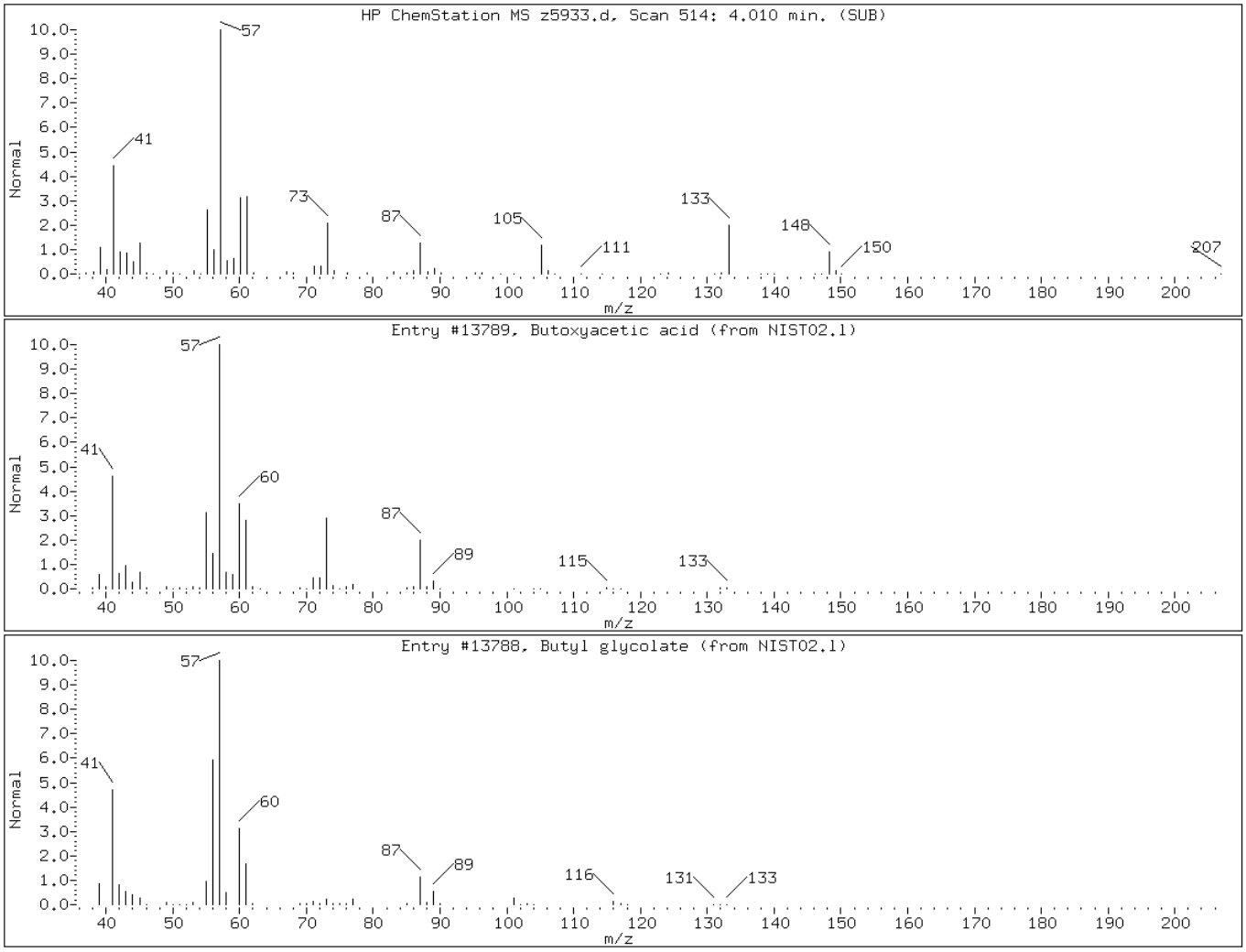
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 4.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	60	C6H12O3	132
Butyl glycolate	7397-62-8	NIST02.l	13788	25	C6H12O3	132



Data File: z5933.d

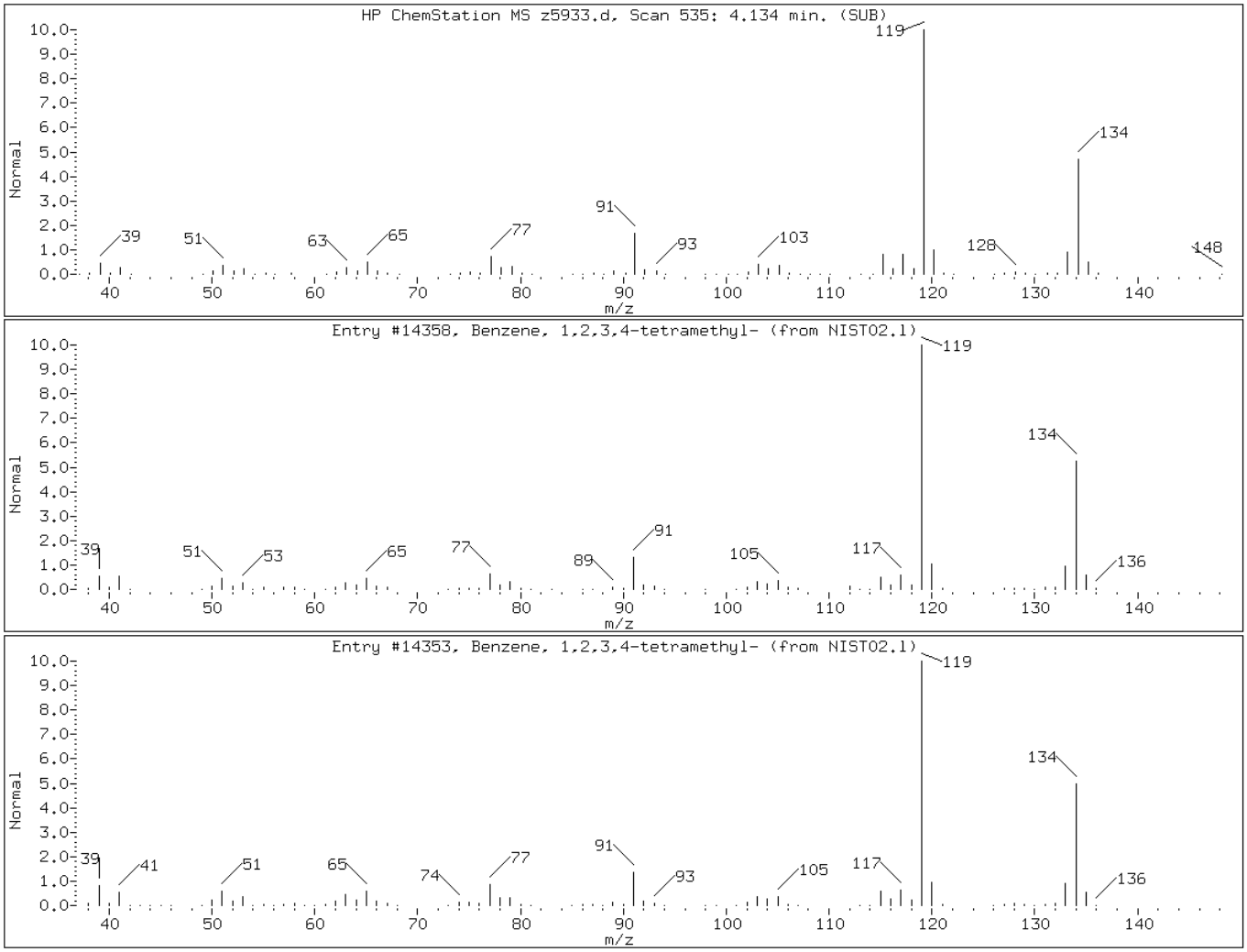
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 4.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	97	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	96	C10H14	134



Data File: z5933.d

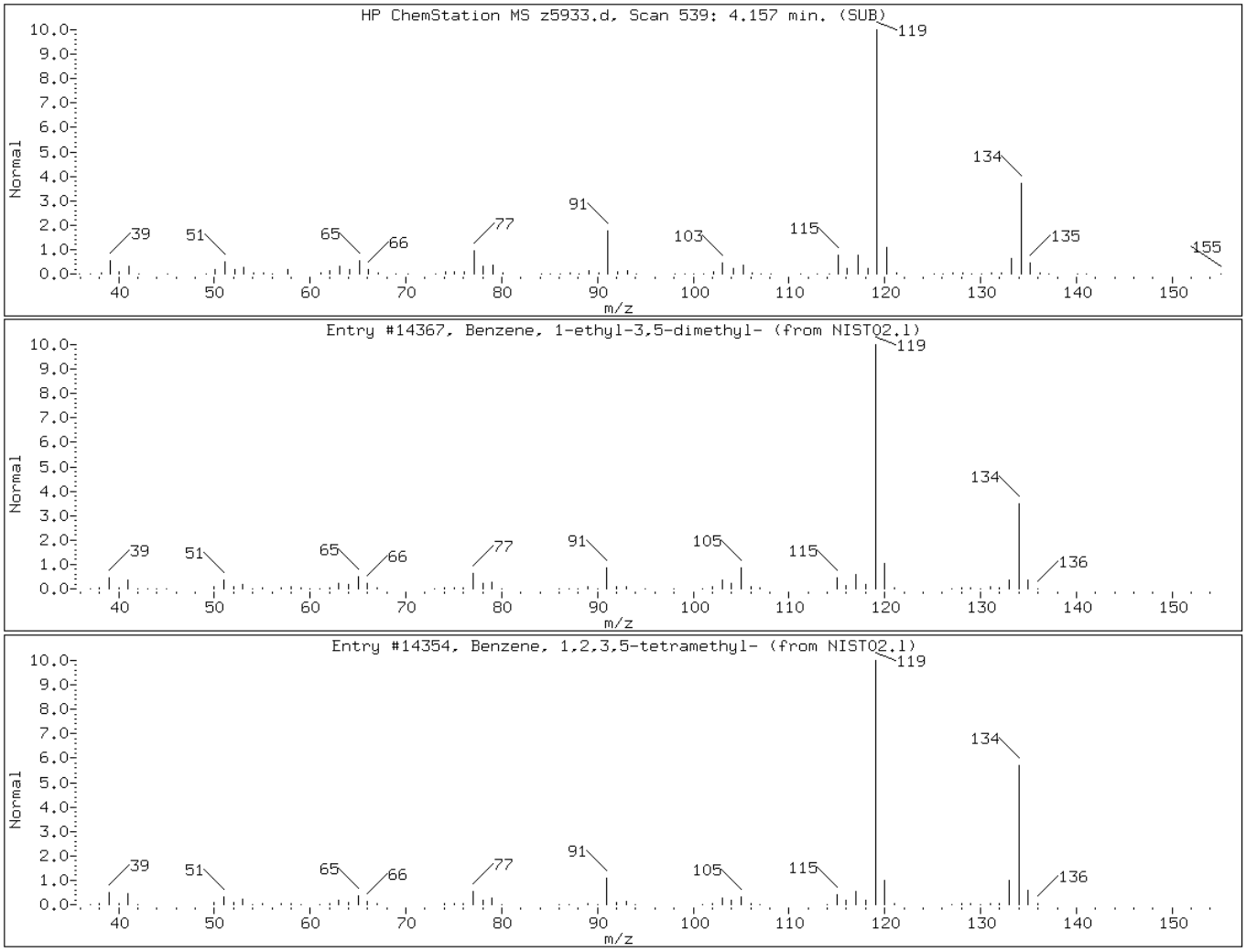
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 4.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	94	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	94	C10H14	134



Data File: z5933.d

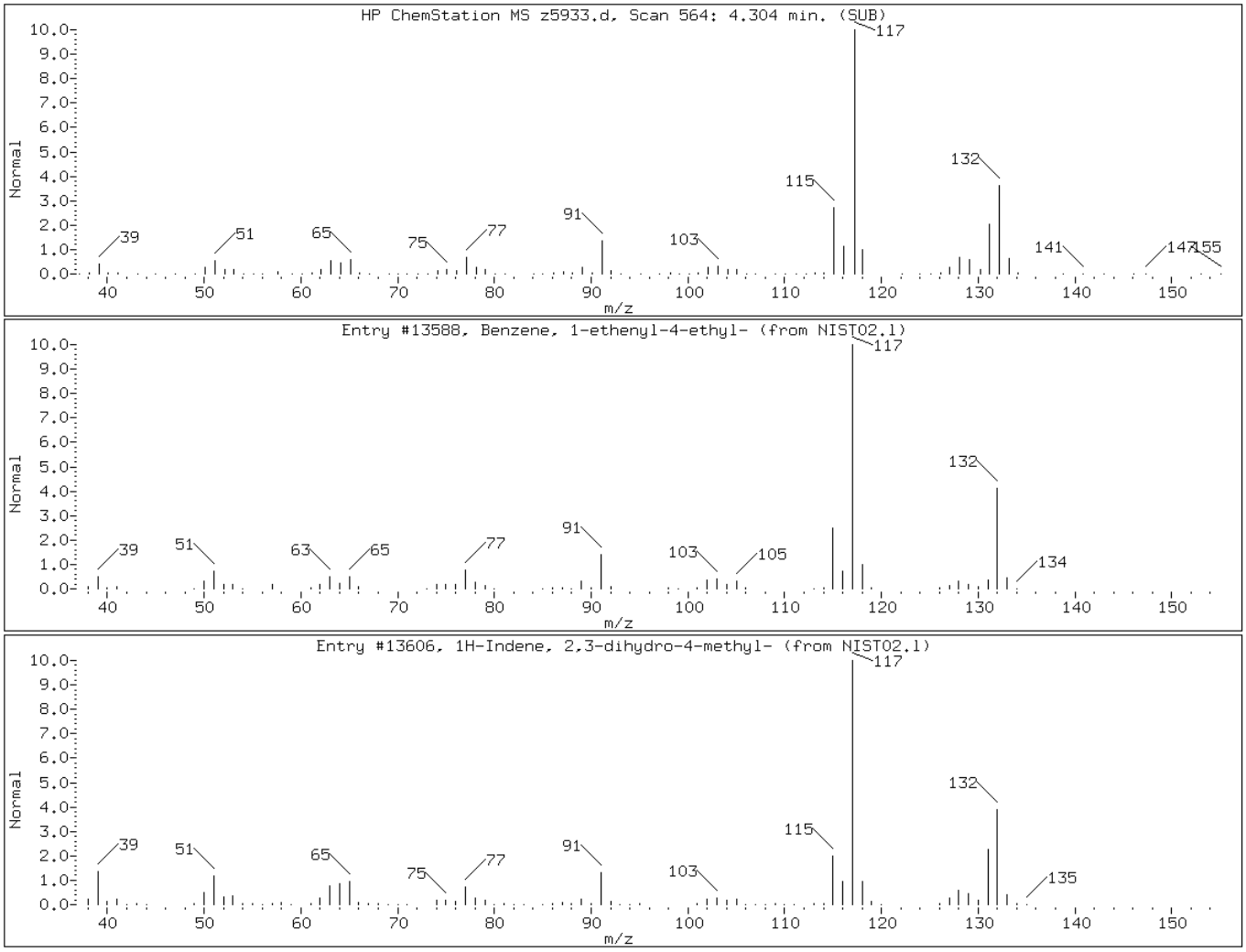
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 4.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic-1						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	94	C10H12	132



Data File: z5933.d

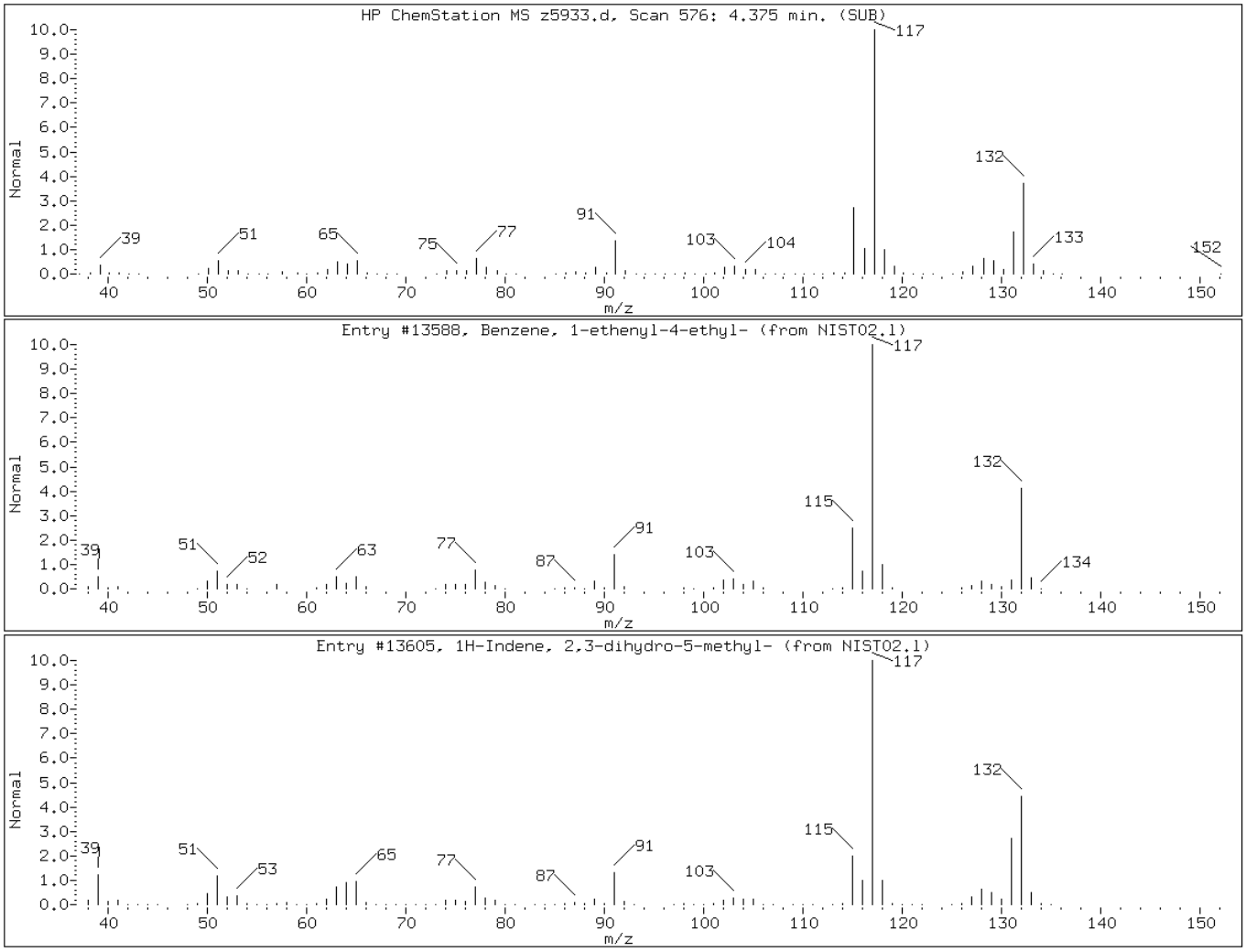
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 4.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic-2						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	93	C10H12	132



Data File: z5933.d

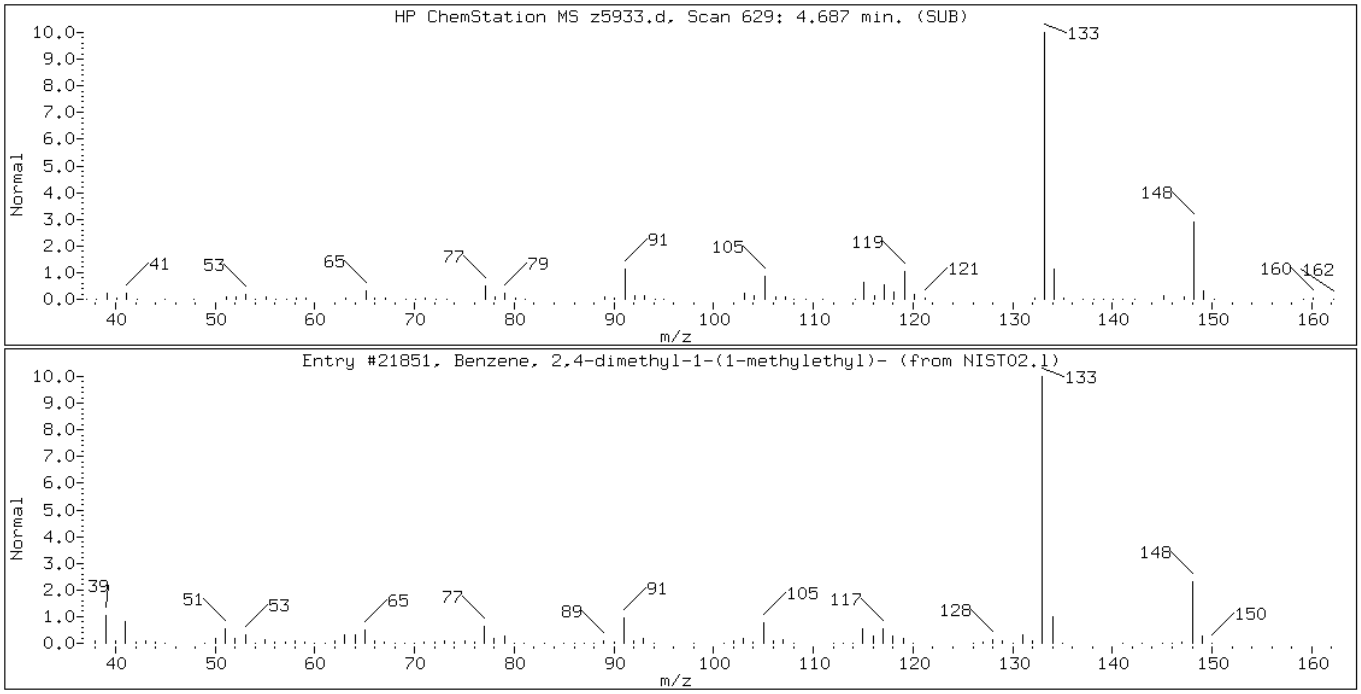
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 4.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic Methylethyldimethylbenzene isomer						
Benzene, 2,4-dimethyl-1-(1-methyle	4706-89-2	NIST02.l	21851	87	C11H16	148



Data File: z5933.d

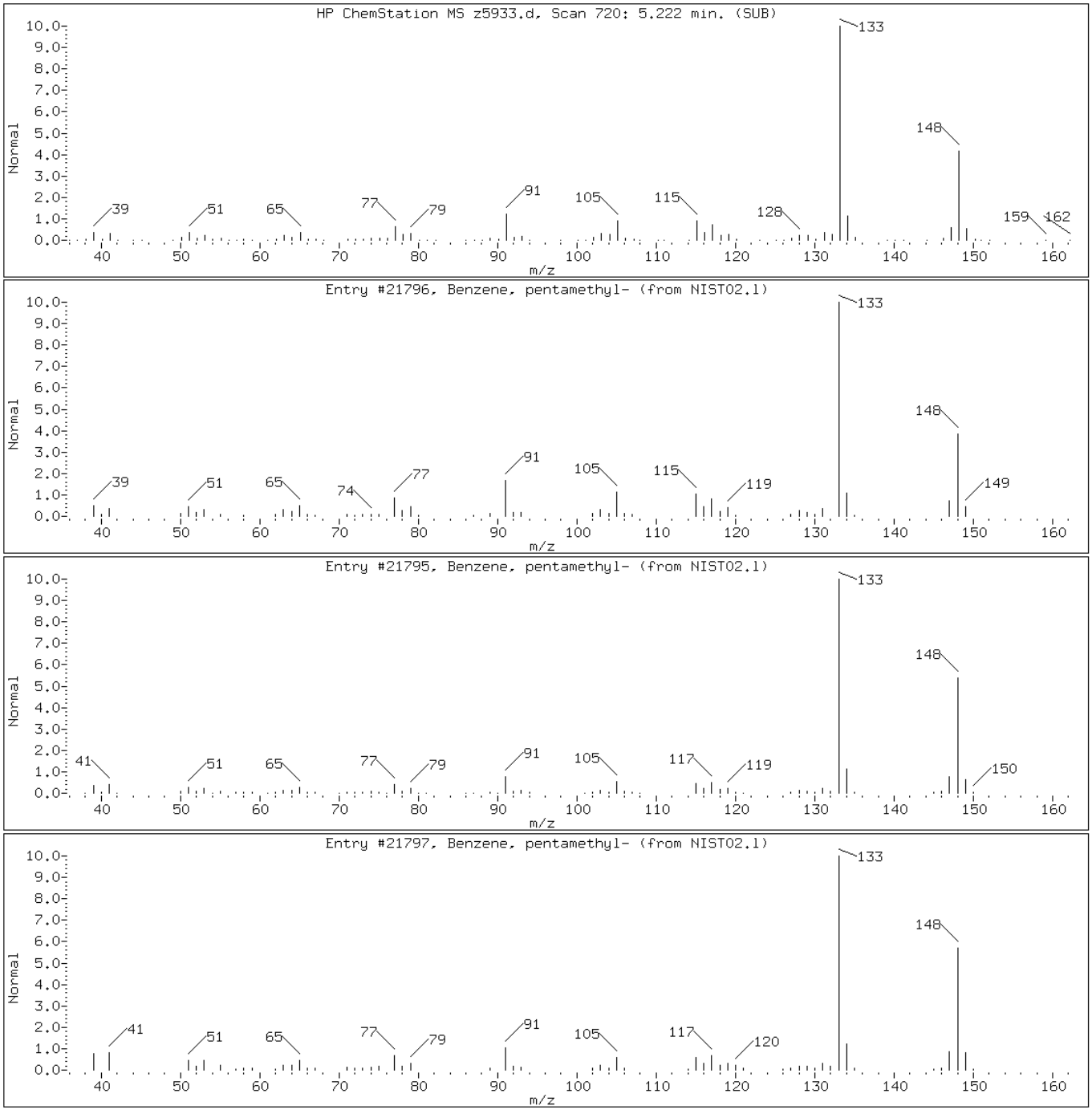
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 5.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, pentamethyl-	700-12-9	NIST02.l	21796	95	C11H16	148
Benzene, pentamethyl-	700-12-9	NIST02.l	21795	94	C11H16	148
Benzene, pentamethyl-	700-12-9	NIST02.l	21797	94	C11H16	148



Data File: z5933.d

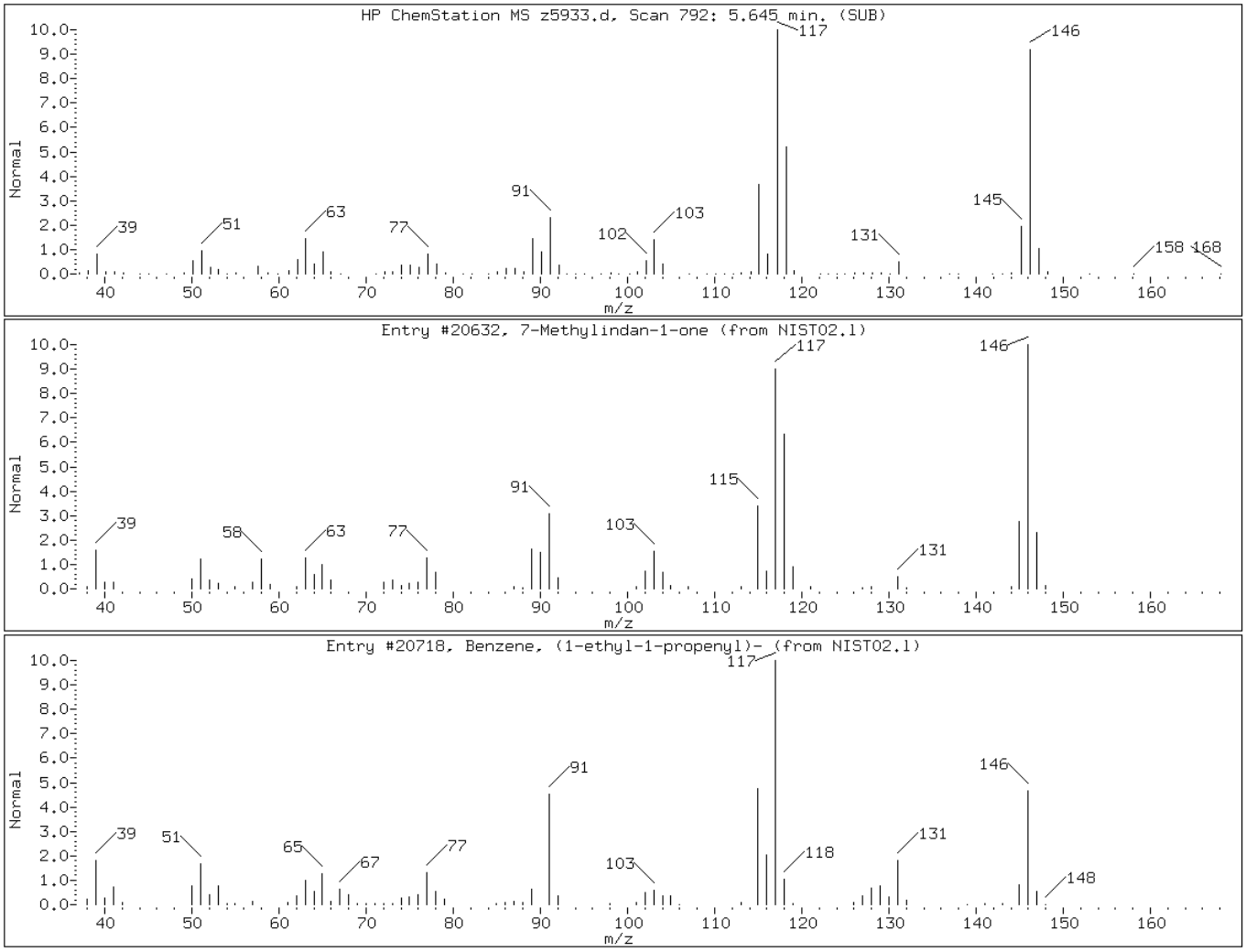
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 5.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
7-Methylindan-1-one	39627-61-7	NIST02.l	20632	90	C10H10O	146
Benzene, (1-ethyl-1-propenyl)-	4701-36-4	NIST02.l	20718	72	C11H14	146



Data File: z5933.d

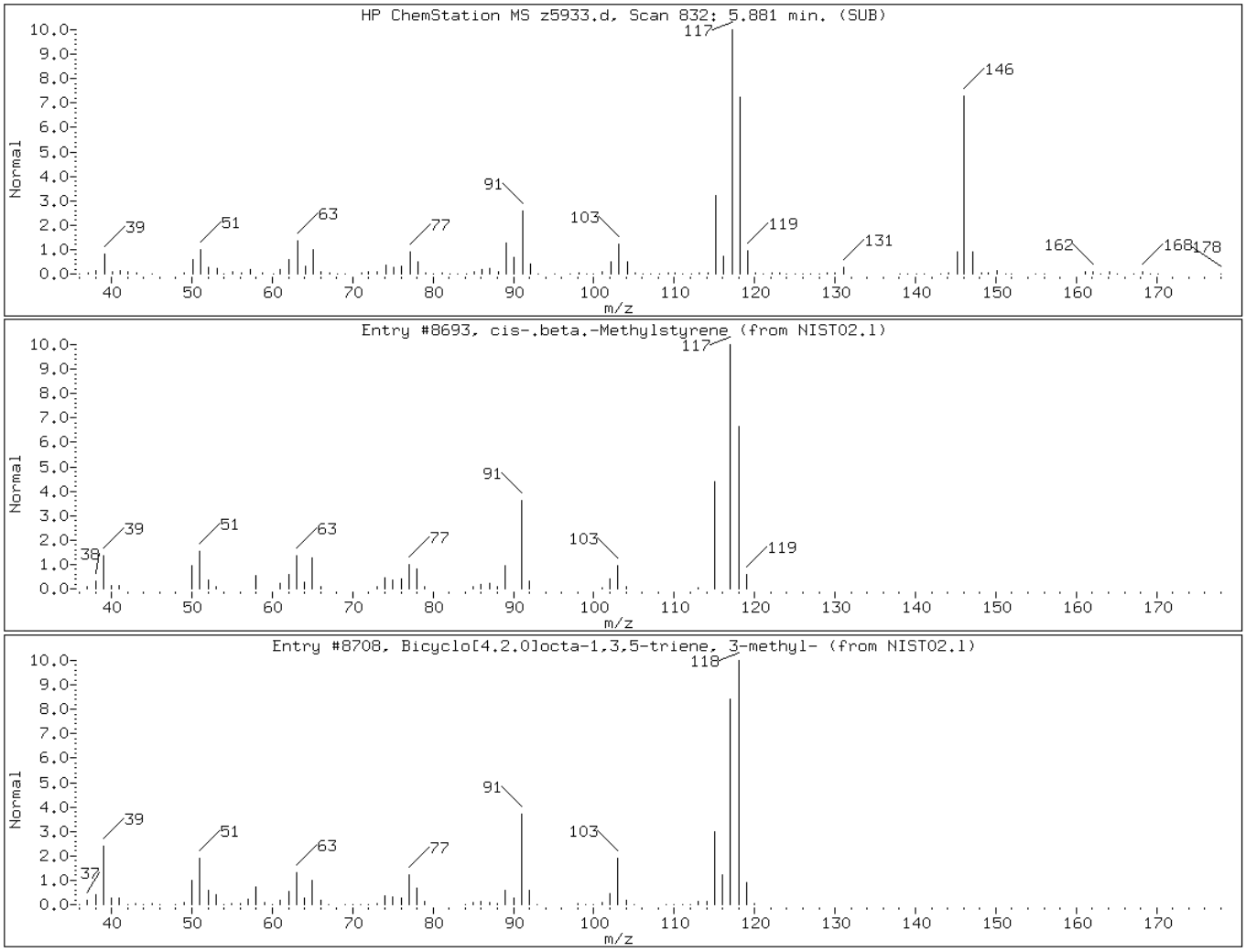
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 5.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H10 Aromatic						
cis-.beta.-Methylstyrene	766-90-5	NIST02.l	8693	91	C9H10	118
Bicyclo[4.2.0]octa-1,3,5-triene, 3	22250-74-4	NIST02.l	8708	83	C9H10	118



Data File: z5933.d

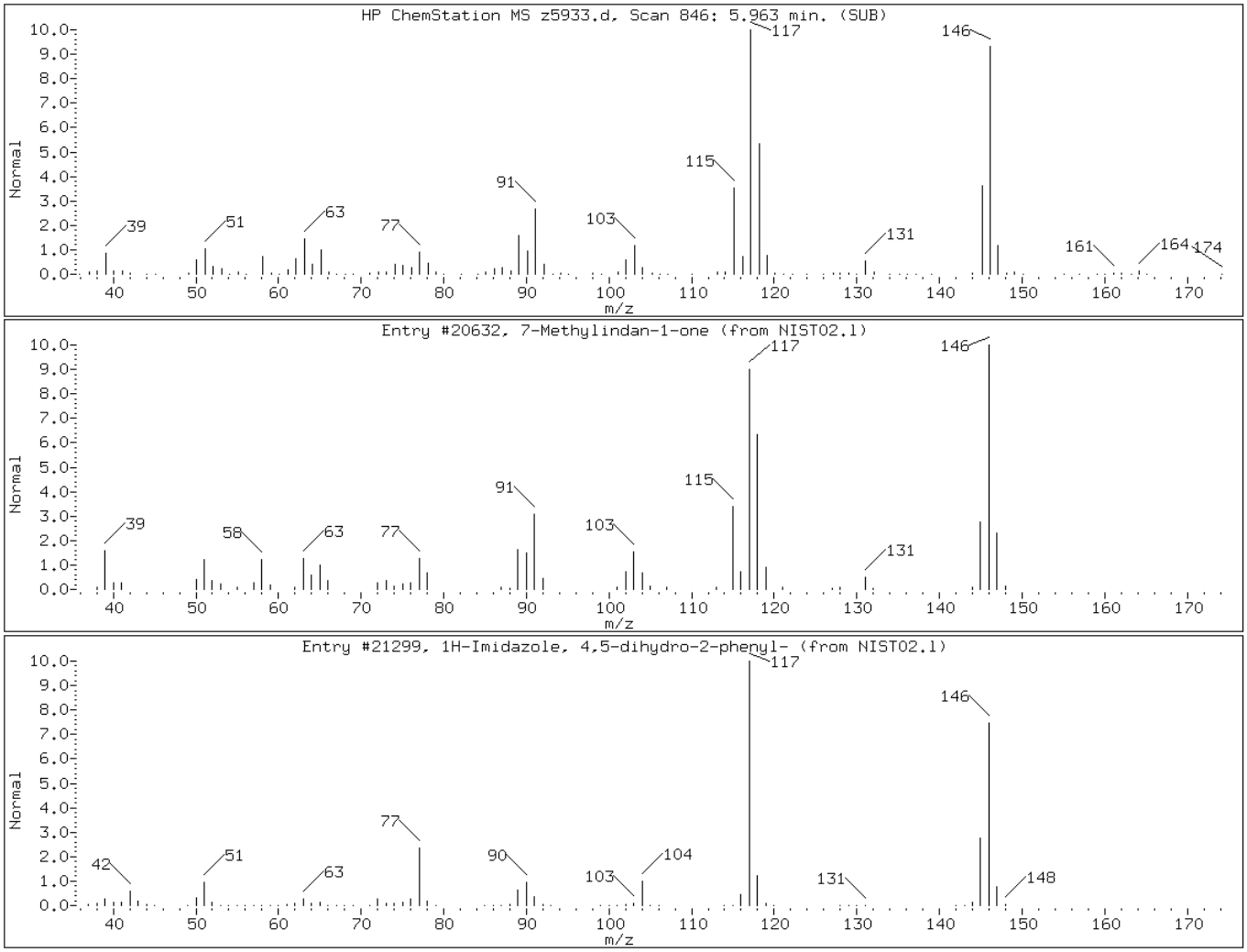
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 5.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H10O Ketone						
7-Methylindan-1-one	39627-61-7	NIST02.l	20632	90	C10H10O	146
1H-Imidazole, 4,5-dihydro-2-phenyl	936-49-2	NIST02.l	21299	68	C9H10N2	146



Data File: z5933.d

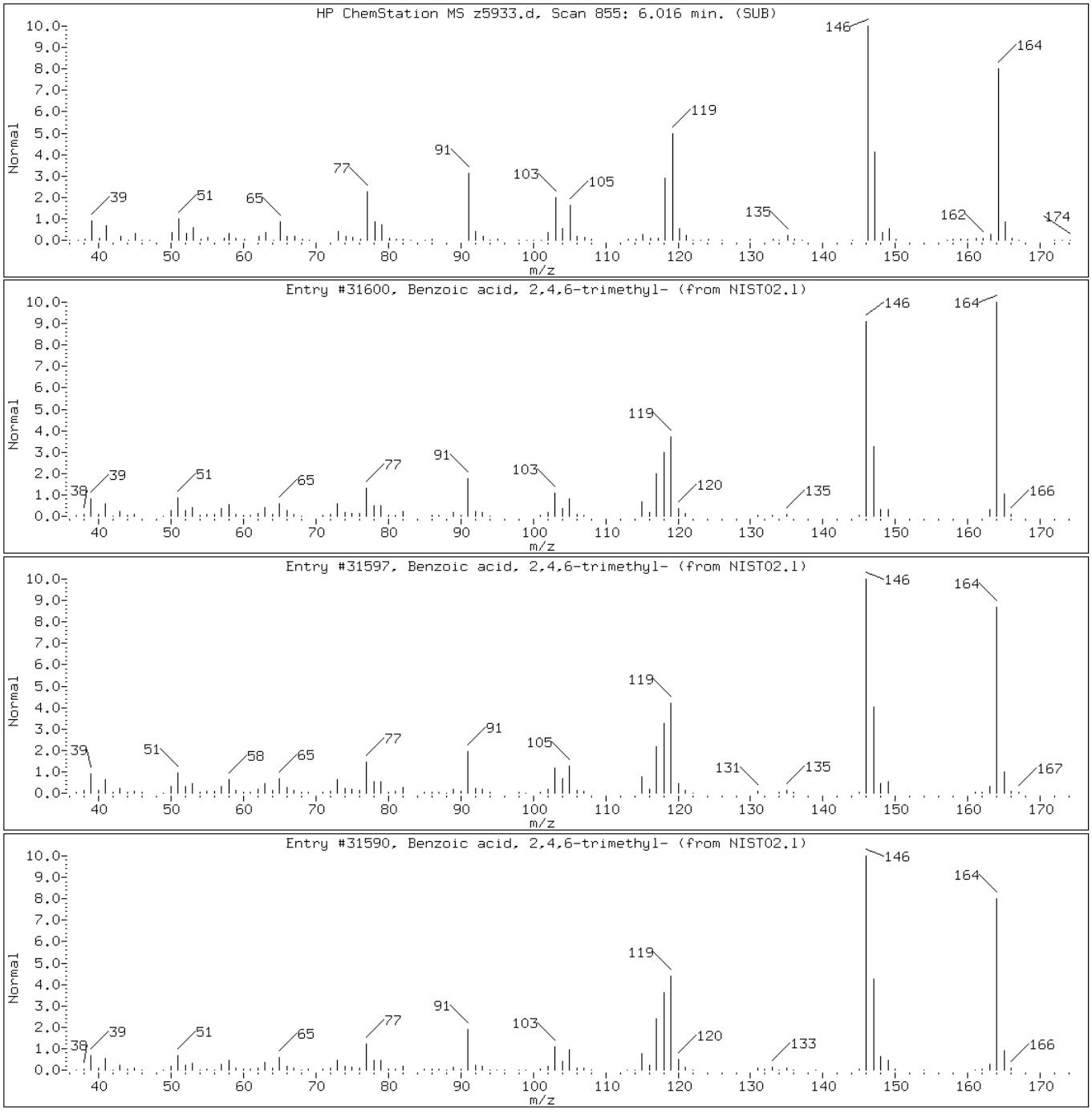
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 6.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31600	93	C10H12O2	164
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31597	90	C10H12O2	164
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31590	80	C10H12O2	164



Data File: z5933.d

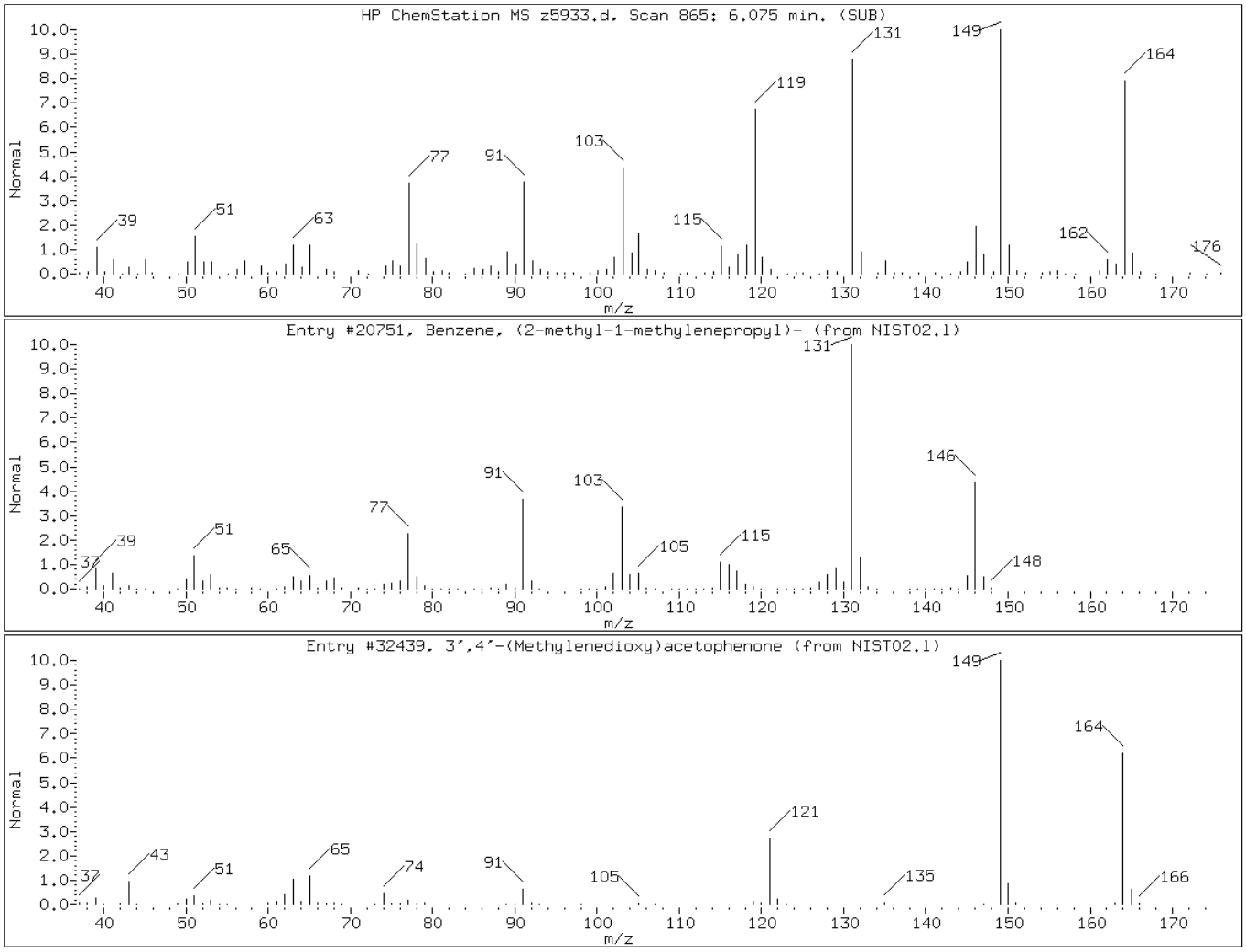
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 6.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Benzene, (2-methyl-1-methyleneprop	17498-71-4	NIST02.l	20751	42	C11H14	146
3',4'-(Methylenedioxy)acetophenone	3162-29-6	NIST02.l	32439	38	C9H8O3	164



Data File: z5933.d

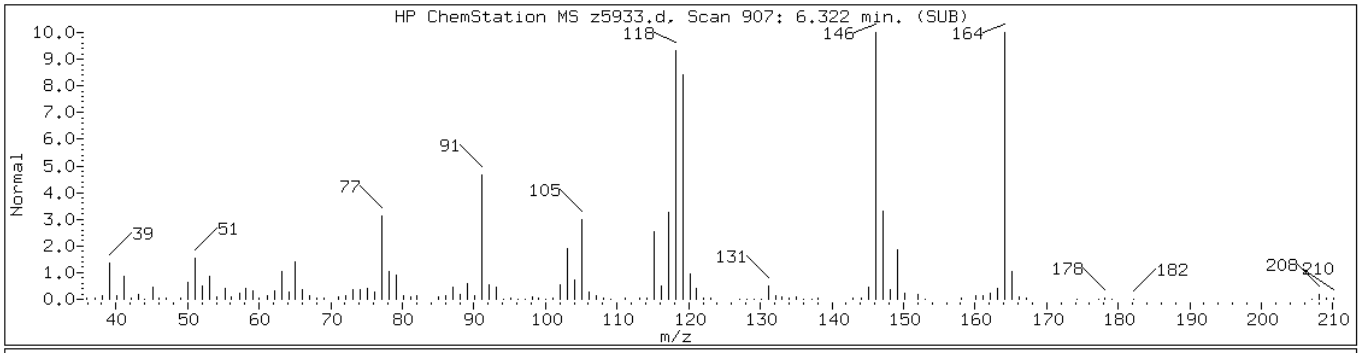
Date: 17-NOV-2009 16:43

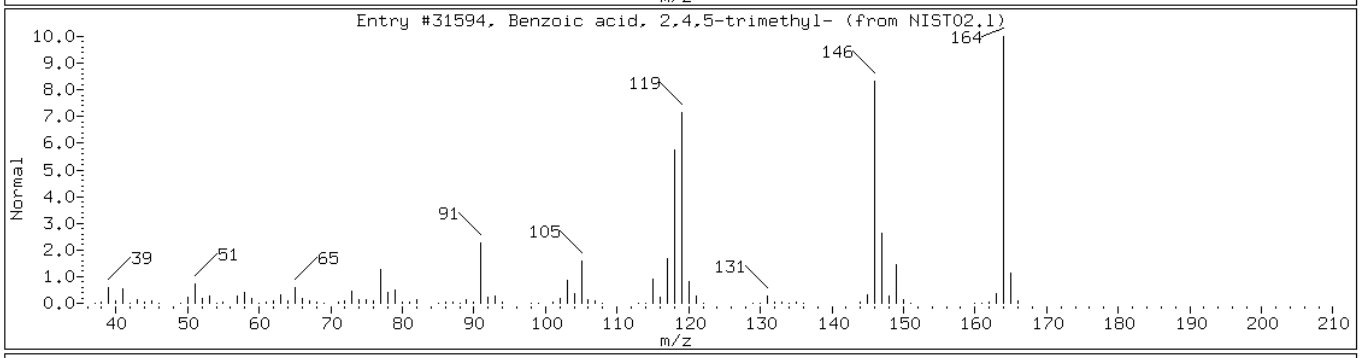
Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

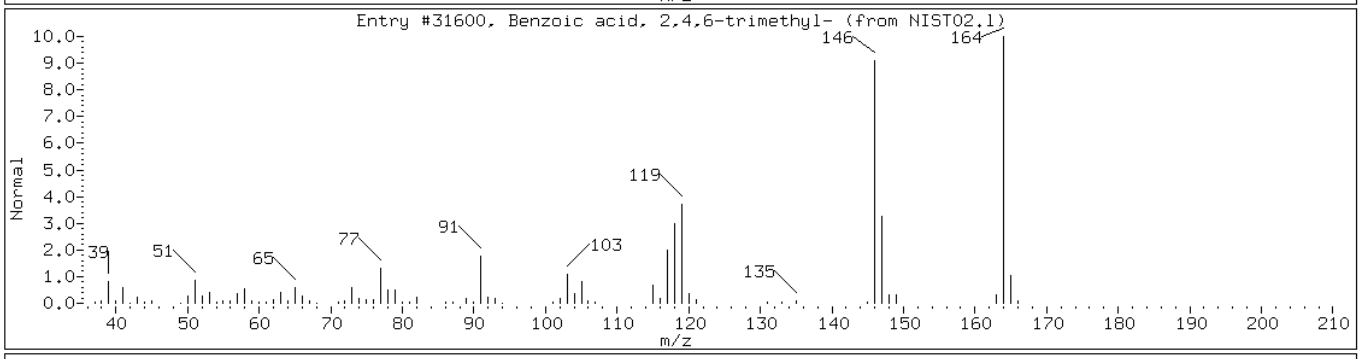
Sample Info: 460-7904-B-3-A Operator: BNAMS 4

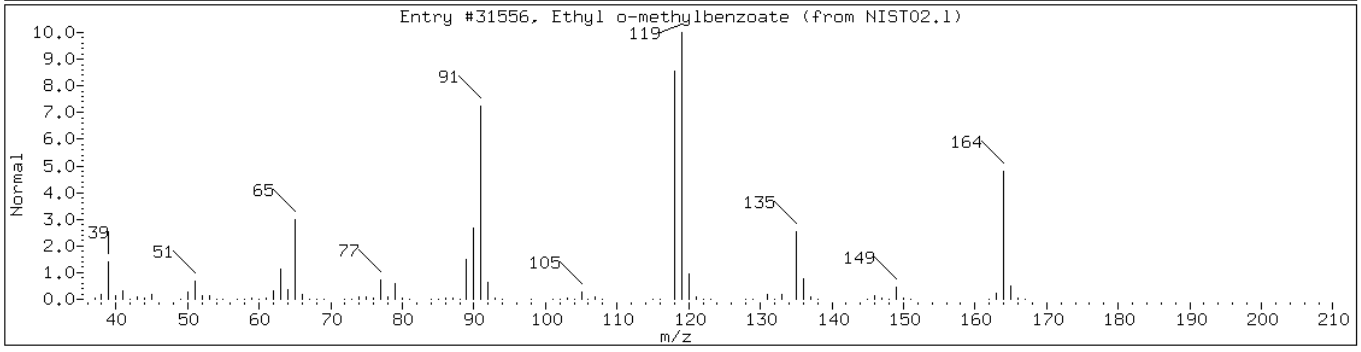
Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31594	97	C10H12O2	164
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31600	70	C10H12O2	164
Ethyl o-methylbenzoate	87-24-1	NIST02.l	31556	64	C10H12O2	164









Data File: z5933.d

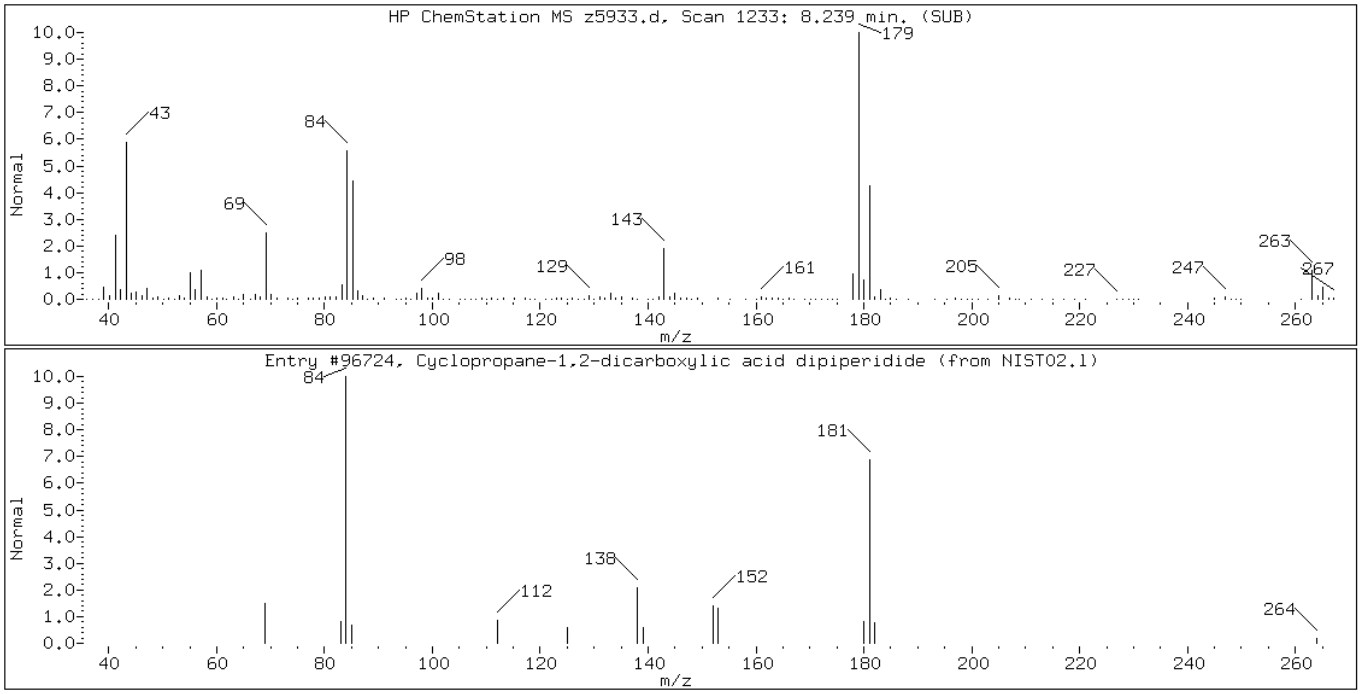
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 8.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Cyclopropane-1,2-dicarboxylic acid	1000144-67-0	NIST02.l	96724	22	C15H24N2O2	264



Data File: z5933.d

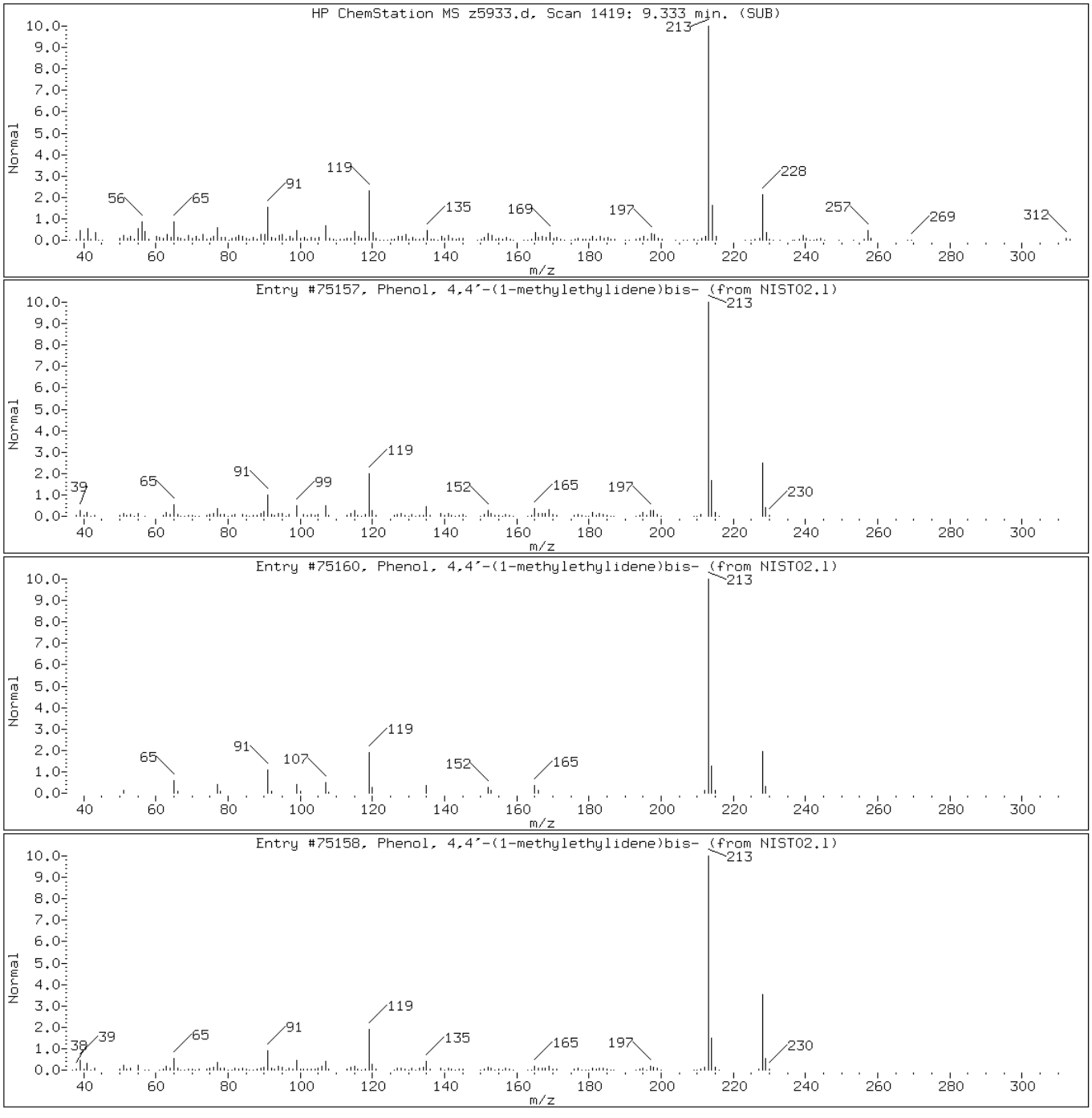
Date: 17-NOV-2009 16:43

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-3-A Operator: BNAMS 4

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75157	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75160	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75158	91	C15H16O2	228



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-04 | Lab Sample ID: 460-7904-4

Matrix: Water | Lab File ID: z5934.d

Analysis Method: 8270C | Date Collected: 11/12/2009 12:00

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 980(mL) | Date Analyzed: 11/17/2009 17:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 23191 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	1.4
108-95-2	Phenol	10	U *	10	0.91
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
95-57-8	2-Chlorophenol	10	U	10	2.7
95-48-7	2-Methylphenol	10	U	10	1.7
98-86-2	Acetophenone	10	U	10	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
91-20-3	Naphthalene	220		10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
105-60-2	Caprolactam	10	U	10	0.51
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
91-57-6	2-Methylnaphthalene	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.8
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.1
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
99-09-2	3-Nitroaniline	20	U	20	4.4
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U *	31	4.9
100-02-7	4-Nitrophenol	31	U	31	2.4
132-64-9	Dibenzofuran	10	U	10	3.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-04 Lab Sample ID: 460-7904-4

Matrix: Water Lab File ID: z5934.d

Analysis Method: 8270C Date Collected: 11/12/2009 12:00

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 980(mL) Date Analyzed: 11/17/2009 17:07

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 23191 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.1
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.28
1912-24-9	Atrazine	10	U	10	4.9
87-86-5	Pentachlorophenol	31	U	31	5.2
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.28
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U *	10	2.8
92-52-4	Diphenyl	10	U	10	5.5
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-04 Lab Sample ID: 460-7904-4

Matrix: Water Lab File ID: z5934.d

Analysis Method: 8270C Date Collected: 11/12/2009 12:00

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 980(mL) Date Analyzed: 11/17/2009 17:07

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 23191 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	37	14-68	
321-60-8	2-Fluorobiphenyl	87	61-112	
4165-62-2	Phenol-d5	21	9-48	
4165-60-0	Nitrobenzene-d5	86	61-120	
118-79-6	2,4,6-Tribromophenol	93	50-119	
1718-51-0	Terphenyl-d14	80	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-04 | Lab Sample ID: 460-7904-4

Matrix: Water | Lab File ID: z5934.d

Analysis Method: 8270C | Date Collected: 11/12/2009 12:00

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 980(mL) | Date Analyzed: 11/17/2009 17:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 23191 | Units: ug/L

Number TICs Found: 23 | TIC Result Total: 1014

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Methylethylbenzene isomer	2.52	22	T J
	Unknown-1	3.27	19	T J
496-11-7	Indane	3.50	240	T J N
	Diethylbenzene isomer-1	3.59	37	T J
	Diethylbenzene isomer-2	3.66	79	T J
	Ethyldimethylbenzene isomer-1	3.82	15	T J
	Ethyldimethylbenzene isomer-2	3.92	15	T J
	Unknown-2	4.00	24	T J
	Tetramethylbenzene isomer-1	4.13	84	T J
	Tetramethylbenzene isomer-2	4.16	57	T J
	C10H12 Aromatic-1	4.30	36	T J
	C10H12 Aromatic-2	4.37	140	T J
	C11H16 Aromatic	4.68	19	T J
700-12-9	Benzene, pentamethyl-	5.22	15	T J N
	C10H10O Ketone-1	5.65	26	T J
	C10H10O Ketone-2	5.88	18	T J
	C17H10O Ketone-3	5.96	20	T J
	Unknown-3	5.98	13	T J
480-63-7	Benzoic acid, 2,4,6-trimethyl-	6.01	26	T J N
	Unknown-4	6.07	18	T J
528-90-5	Benzoic acid, 2,4,5-trimethyl-	6.32	33	T J N
	Unknown-5	8.25	37	T J
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	9.33	21	T J N

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5934.d
Report Date: 19-Nov-2009 12:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5934.d
Lab Smp Id: 460-7904-A-4-A Client Smp ID: GW-017338-111209-AC
Inj Date : 17-NOV-2009 17:07
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-A-4-A
Misc Info : 460-7904-A-4-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/8270C_08SP.m
Meth Date : 17-Nov-2009 11:05 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 04:19 Cal File: z5848.d
Als bottle: 17
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.104	2.110	(0.636)	72148	9.15704	19
$ 17 Phenol-d5 (SUR)	99	2.993	3.010	(0.904)	46899	5.18146	10(a)
* 79 1,4-Dichlorobenzene-d4	152	3.310	3.316	(1.000)	266035	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.893	3.904	(0.842)	182693	21.4357	44
* 80 Naphthalene-d8	136	4.622	4.628	(1.000)	921901	40.0000	
31 Naphthalene	128	4.651	4.651	(1.006)	2551062	106.857	220
34 2-Methylnaphthalene	142	5.345	5.351	(1.157)	21077	1.42409	2.9(a)
120 1-Methylnaphthalene	142	5.440	5.445	(1.177)	40327	2.78356	5.7(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.734	5.739	(0.899)	360071	21.8284	44
* 82 Acenaphthene-d10	164	6.375	6.375	(1.000)	477691	40.0000	
42 Acenaphthene	154	6.404	6.410	(1.005)	8558	0.67077	1.4(a)
43 Dibenzofuran	168	6.575	6.580	(1.031)	6235	0.33736	0.69(a)
47 Fluorene	166	6.910	6.916	(1.084)	4940	0.33532	0.68(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.151	7.157	(1.122)	49184	23.2345	47
* 83 Phenanthrene-d10	188	7.816	7.822	(1.000)	643508	40.0000	

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5934.d
Report Date: 19-Nov-2009 12:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
56 Fluoranthene	202	8.998	9.004	(1.151)	2100	0.12534	0.26(a)
$ 78 Terphenyl-d14	244	9.410	9.404	(0.904)	296002	20.0418	41
* 81 Chrysene-d12	240	10.410	10.421	(1.000)	497047	40.0000	
* 84 Perylene-d12	264	12.057	12.021	(1.000)	319062	40.0000	(H)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5934.d
Report Date: 19-Nov-2009 12:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5934.d
Lab Smp Id: 460-7904-A-4-A Client Smp ID: GW-017338-111209-AC
Inj Date : 17-NOV-2009 17:07
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-A-4-A
Misc Info : 460-7904-A-4-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/8270C_08SP.m
Meth Date : 17-Nov-2009 11:05 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 04:19 Cal File: z5848.d
Als bottle: 17
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	3.310	1642992	40.000
* 80	Naphthalene-d8	4.622	2382537	40.000
* 82	Acenaphthene-d10	6.375	2003324	40.000
* 83	Phenanthrene-d10	7.816	1658933	40.000
* 81	Chrysene-d12	10.410	1307780	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5934.d
Report Date: 19-Nov-2009 12:17

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Methylethylbenzene isomer					CAS #:		
2.522	437114	10.6419064	22	0		0	79
Unknown-1					CAS #:		
3.275	389068	9.47218828	19	0		0	79
Indane					CAS #: 496-11-7		
3.498	4803806	116.952594	240	94	NIST02.l	8676	79
Diethylbenzene isomer-1					CAS #:		
3.593	747366	18.1952500	37	0		0	79
Diethylbenzene isomer-2					CAS #:		
3.657	1581080	38.4926821	78	0		0	79
Ethyldimethylbenzene isomer-1					CAS #:		
3.816	309335	7.53101313	15	0		0	79
Ethyldimethylbenzene isomer-2					CAS #:		
3.922	303569	7.39063996	15	0		0	79
Unknown-2					CAS #:		
4.004	710714	11.9320518	24	0		0	80
Tetramethylbenzene isomer-1					CAS #:		
4.134	2440985	40.9812526	84	0		0	80
Tetramethylbenzene isomer-2					CAS #:		
4.157	1649431	27.6920078	56	0		0	80
C10H12 Aromatic-1					CAS #:		
4.304	1045266	17.5487882	36	0		0	80(L)
C10H12 Aromatic-2					CAS #:		
4.375	4219071	70.8332189	140	0		0	80
C11H16 Aromatic					CAS #:		
4.681	559615	9.39528183	19	0		0	80(L)
Benzene, pentamethyl-					CAS #: 700-12-9		
5.222	428107	7.18740719	15	95	NIST02.l	21796	80(L)
C10H10O Ketone-1					CAS #:		
5.645	634110	12.6611604	26	0		0	82

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5934.d
Report Date: 19-Nov-2009 12:17

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H10O Ketone-2					CAS #:		
5.881	448574	8.95658488	18	0		0	82(L)
C17H10O Ketone-3					CAS #:		
5.963	488323	9.75024910	20	0		0	82
Unknown-3					CAS #:		
5.981	308325	6.15627074	12	0		0	82
Benzoic acid, 2,4,6-trimethyl-					CAS #: 480-63-7		
6.010	627465	12.5284649	26	94	NIST02.l	31597	82
Unknown-4					CAS #:		
6.069	430471	8.59512344	18	0		0	82
Benzoic acid, 2,4,5-trimethyl-					CAS #: 528-90-5		
6.316	814193	16.2568370	33	97	NIST02.l	31594	82
Unknown-5					CAS #:		
8.245	745395	17.9728704	37	0		0	83
Phenol, 4,4'-(1-methylethylidene)bis-					CAS #: 80-05-7		
9.333	335978	10.2762940	21	98	NIST02.l	75157	81

QC Flag Legend

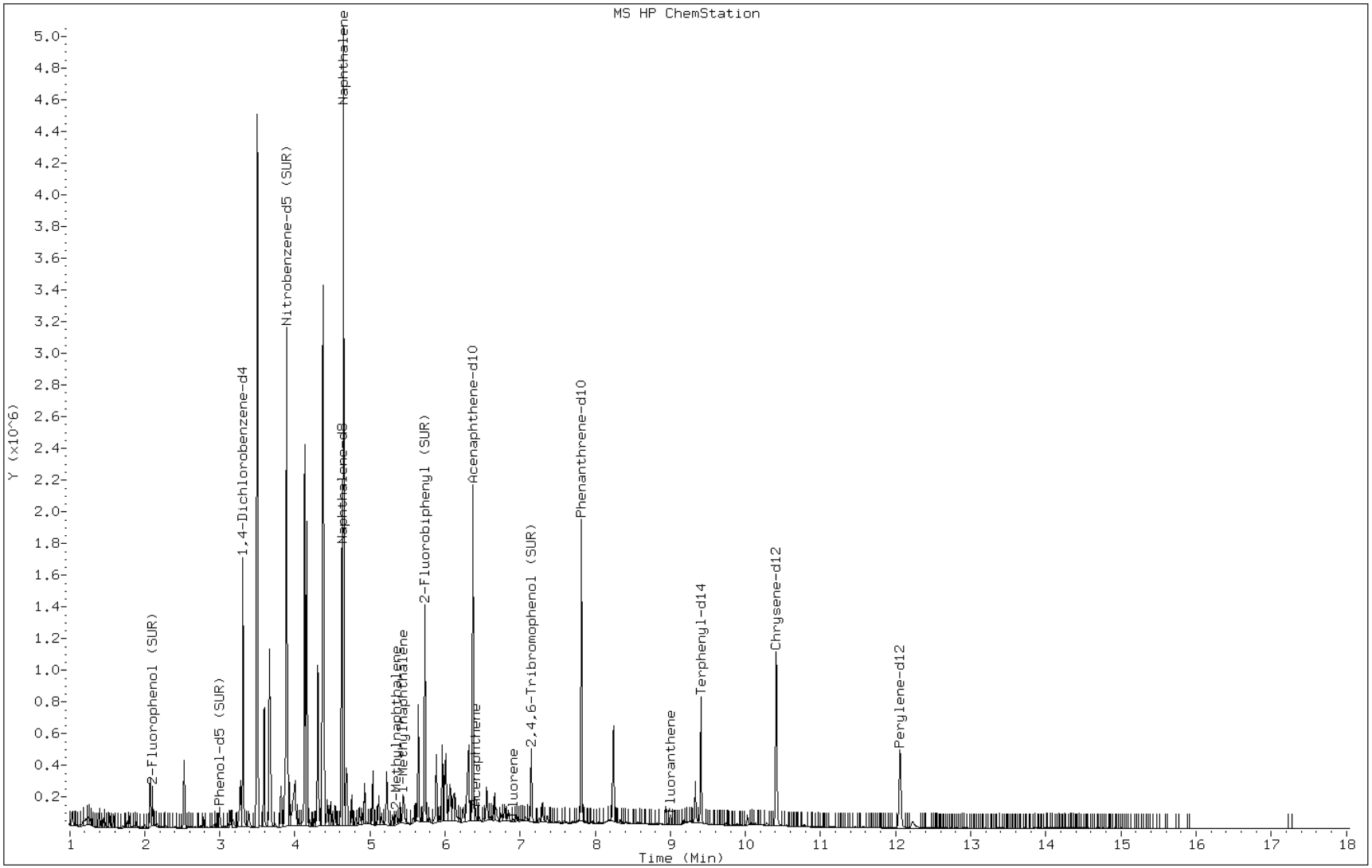
L - Operator selected an alternate library search match.

Data File: z5934.d

Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4



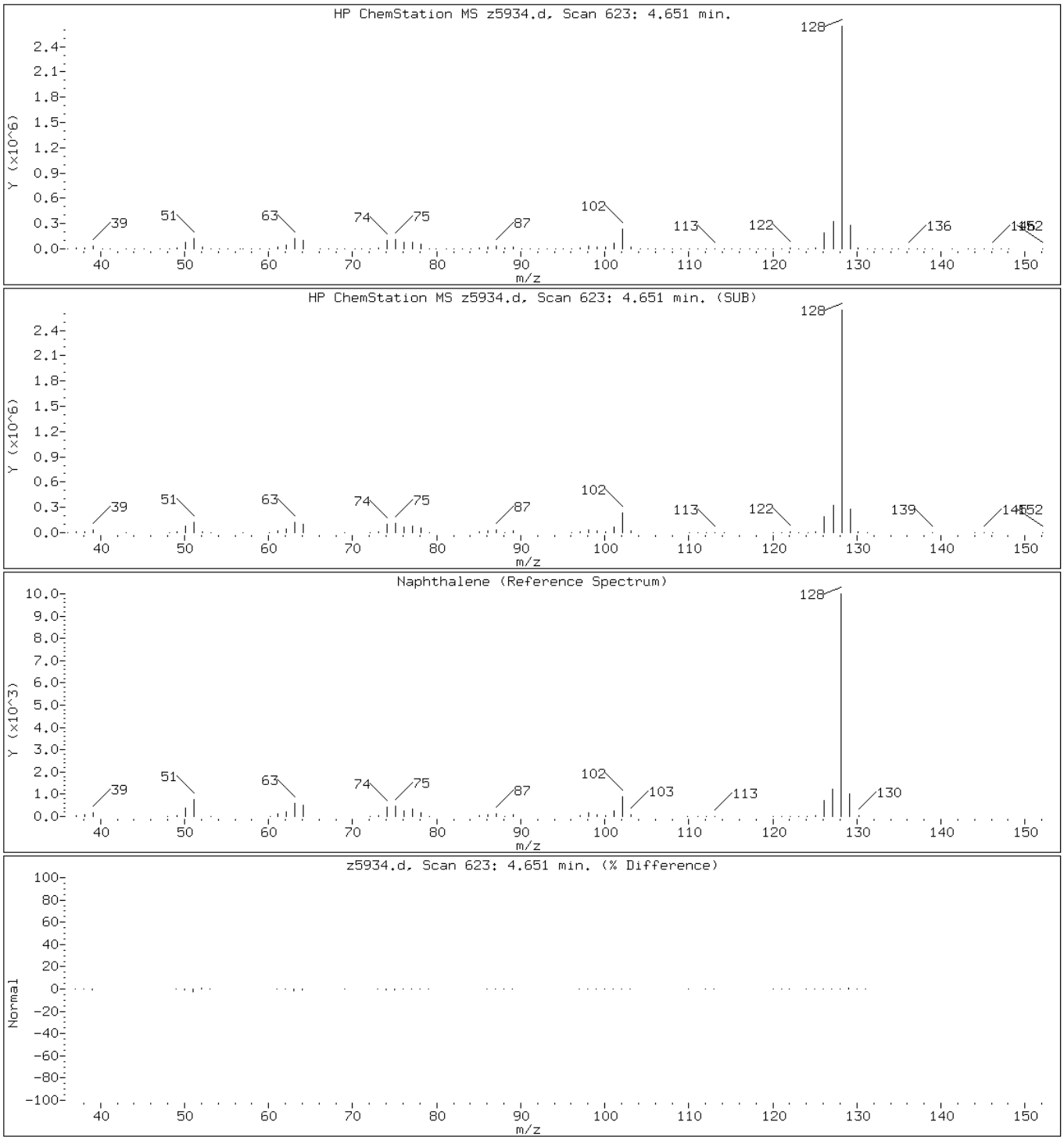
Data File: z5934.d

Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

31 Naphthalene



Data File: z5934.d

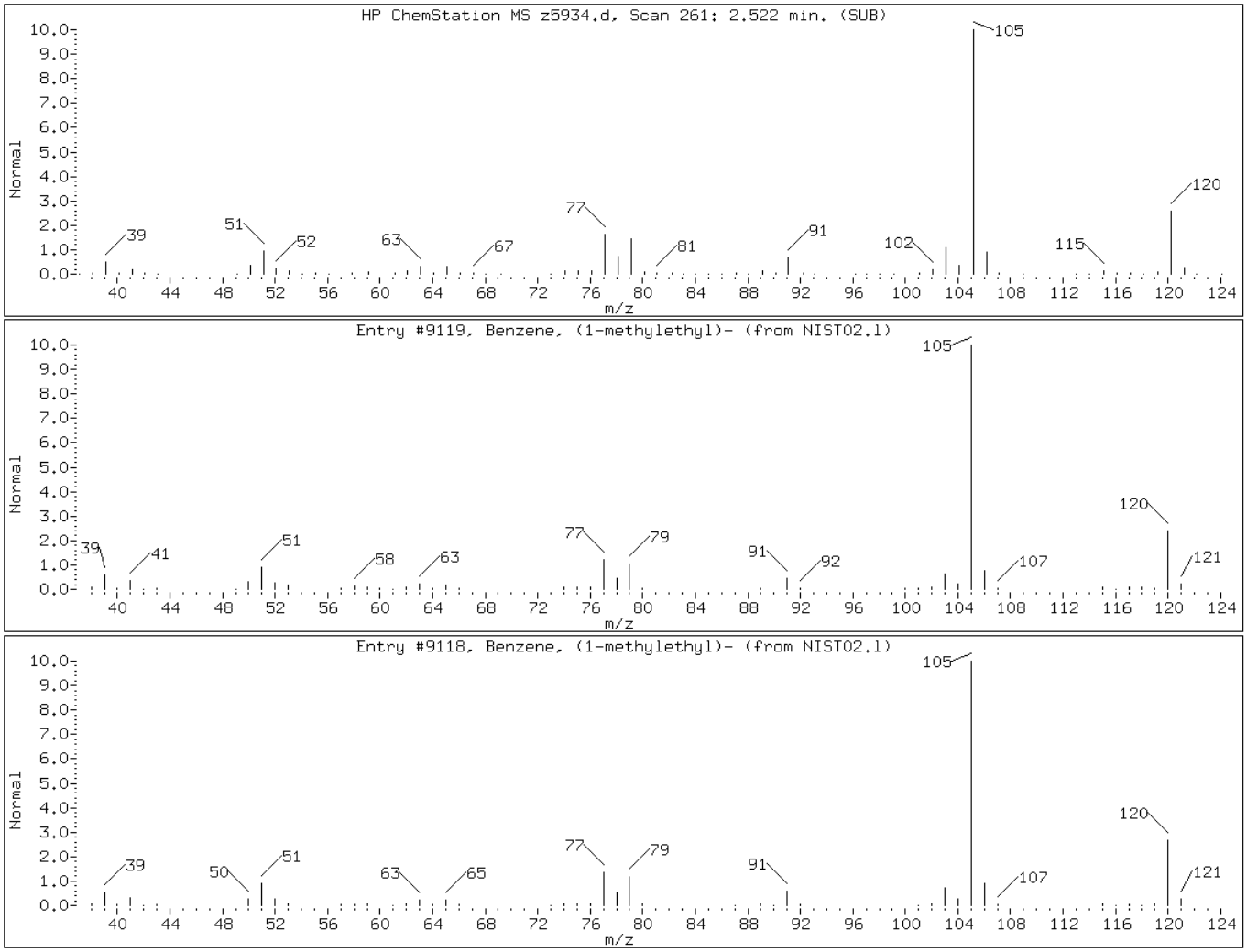
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 2.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylethylbenzene isomer						
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	94	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	94	C9H12	120



Data File: z5934.d

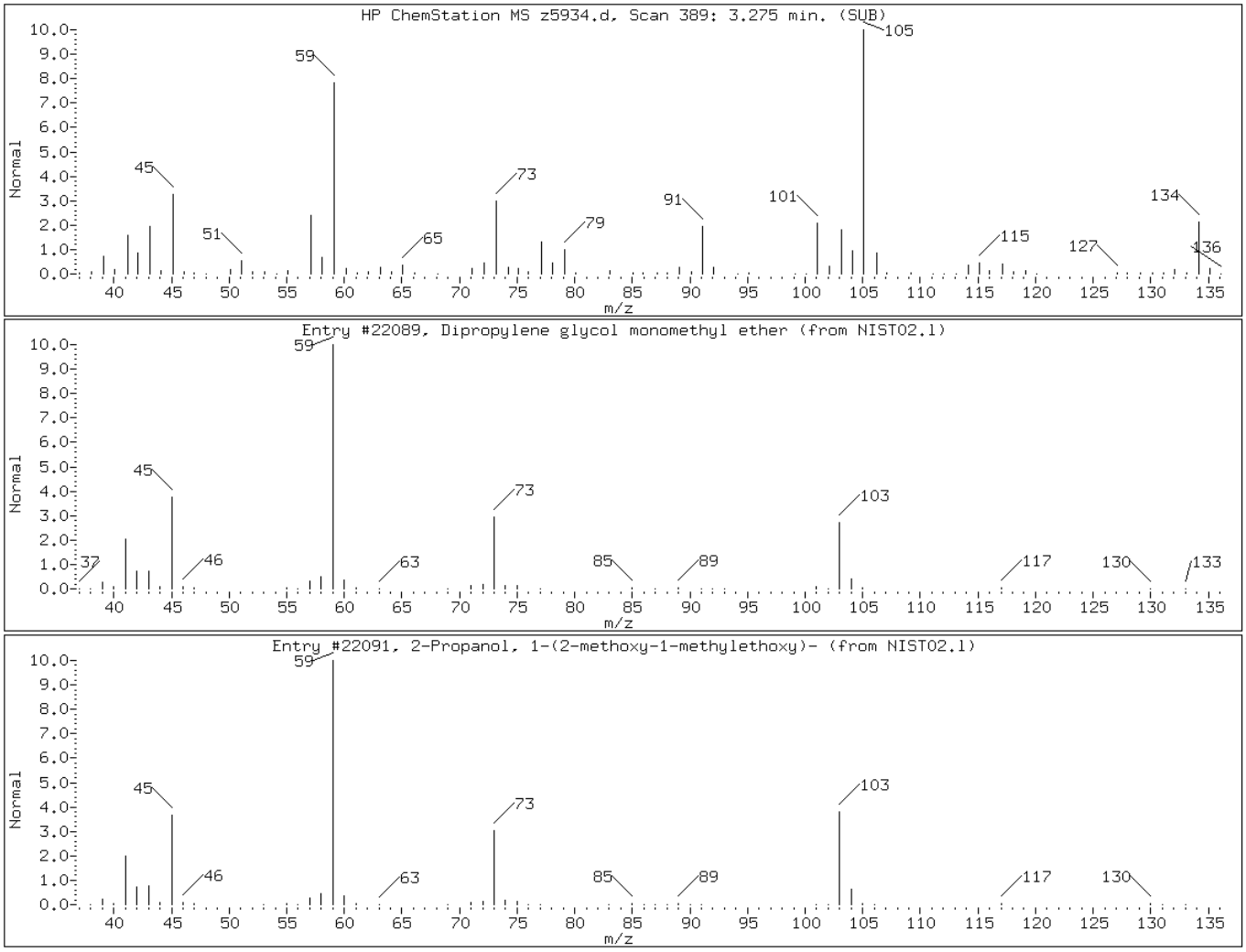
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 3.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Dipropylene glycol monomethyl ethe	34590-94-8	NIST02.l	22089	47	C7H16O3	148
2-Propanol, 1-(2-methoxy-1-methyle	20324-32-7	NIST02.l	22091	38	C7H16O3	148



Data File: z5934.d

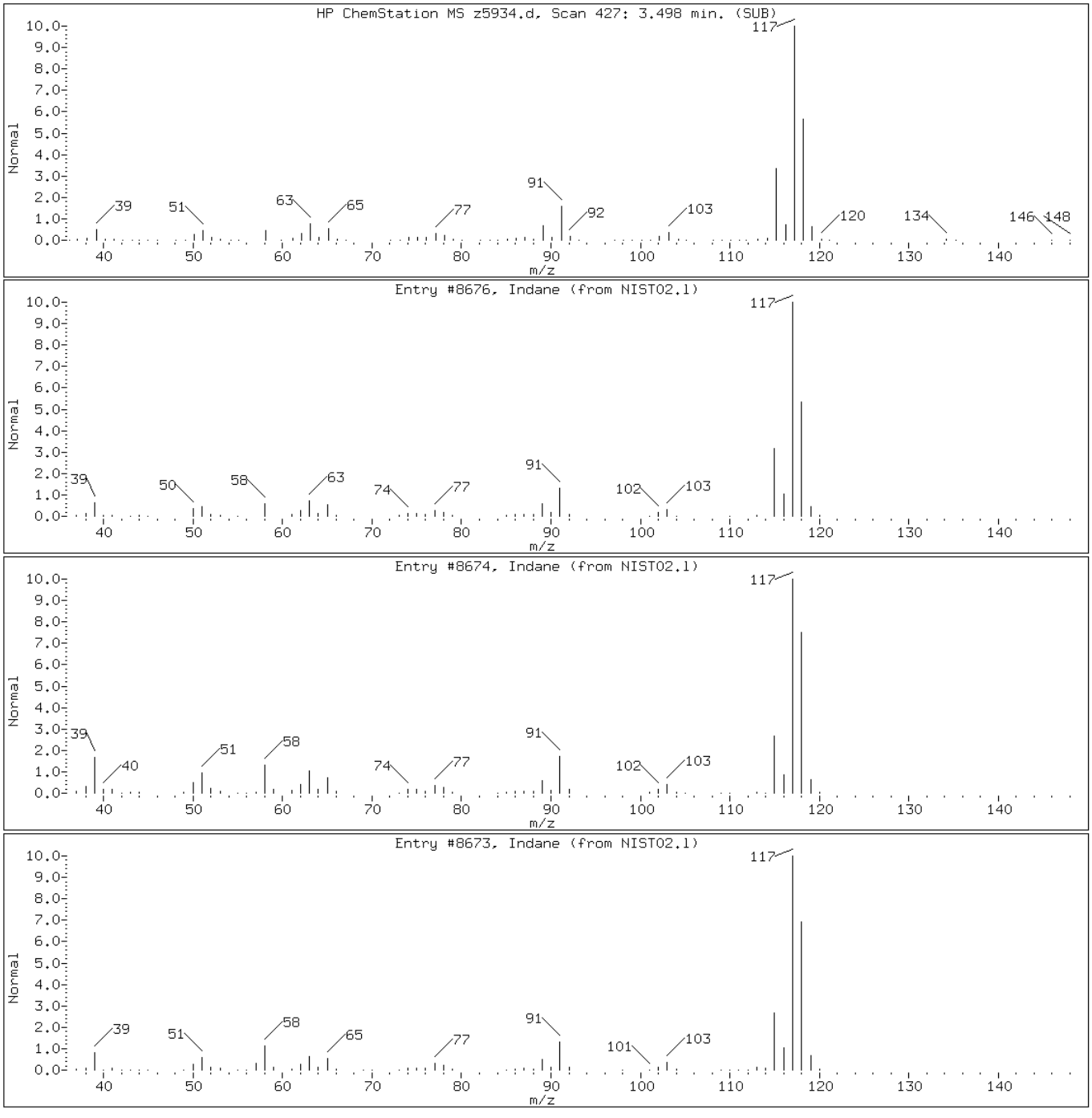
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 3.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	94	C9H10	118
Indane	496-11-7	NIST02.l	8674	91	C9H10	118
Indane	496-11-7	NIST02.l	8673	91	C9H10	118



Data File: z5934.d

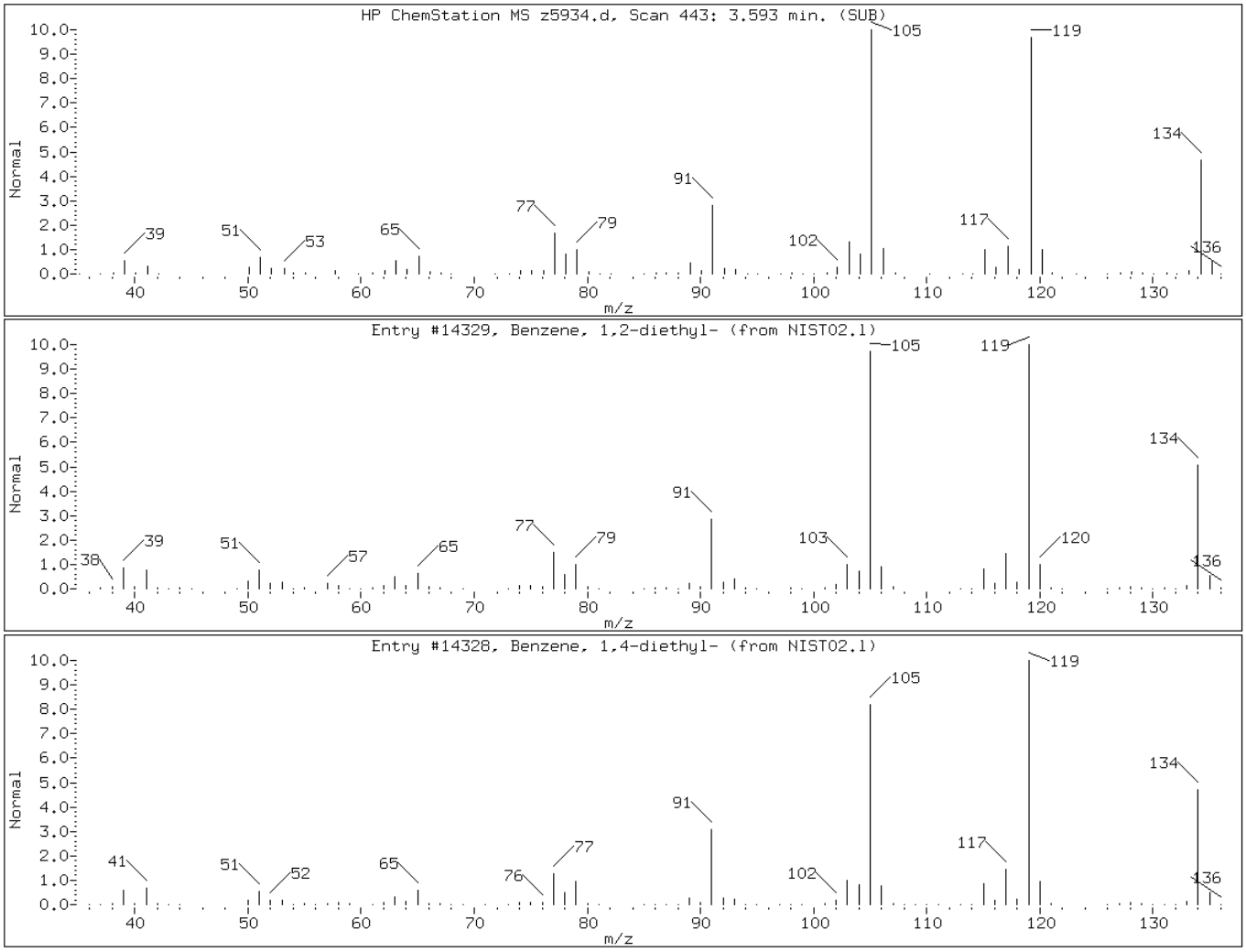
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 3.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer-1						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	96	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	95	C10H14	134



Data File: z5934.d

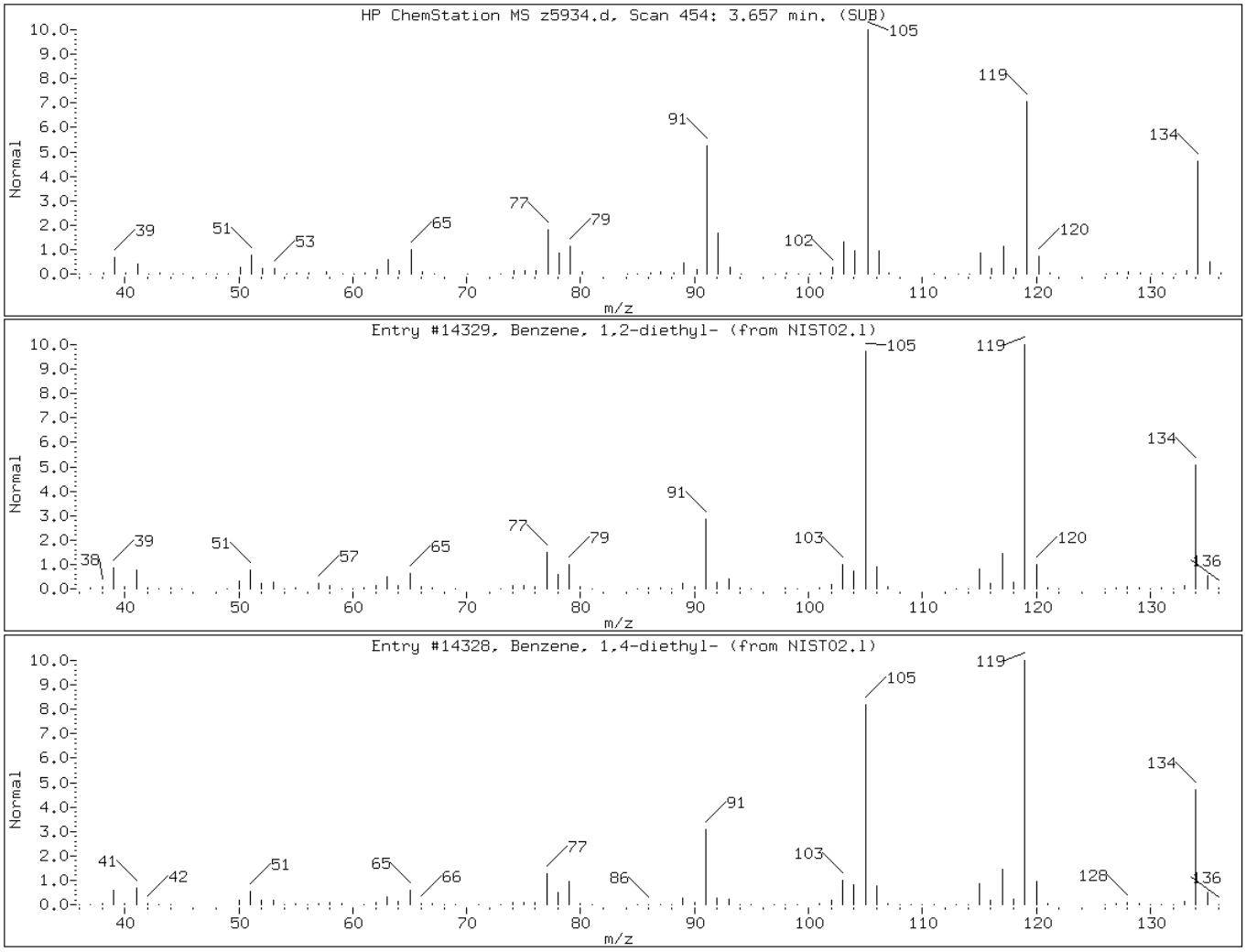
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 3.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer-2						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	96	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	95	C10H14	134



Data File: z5934.d

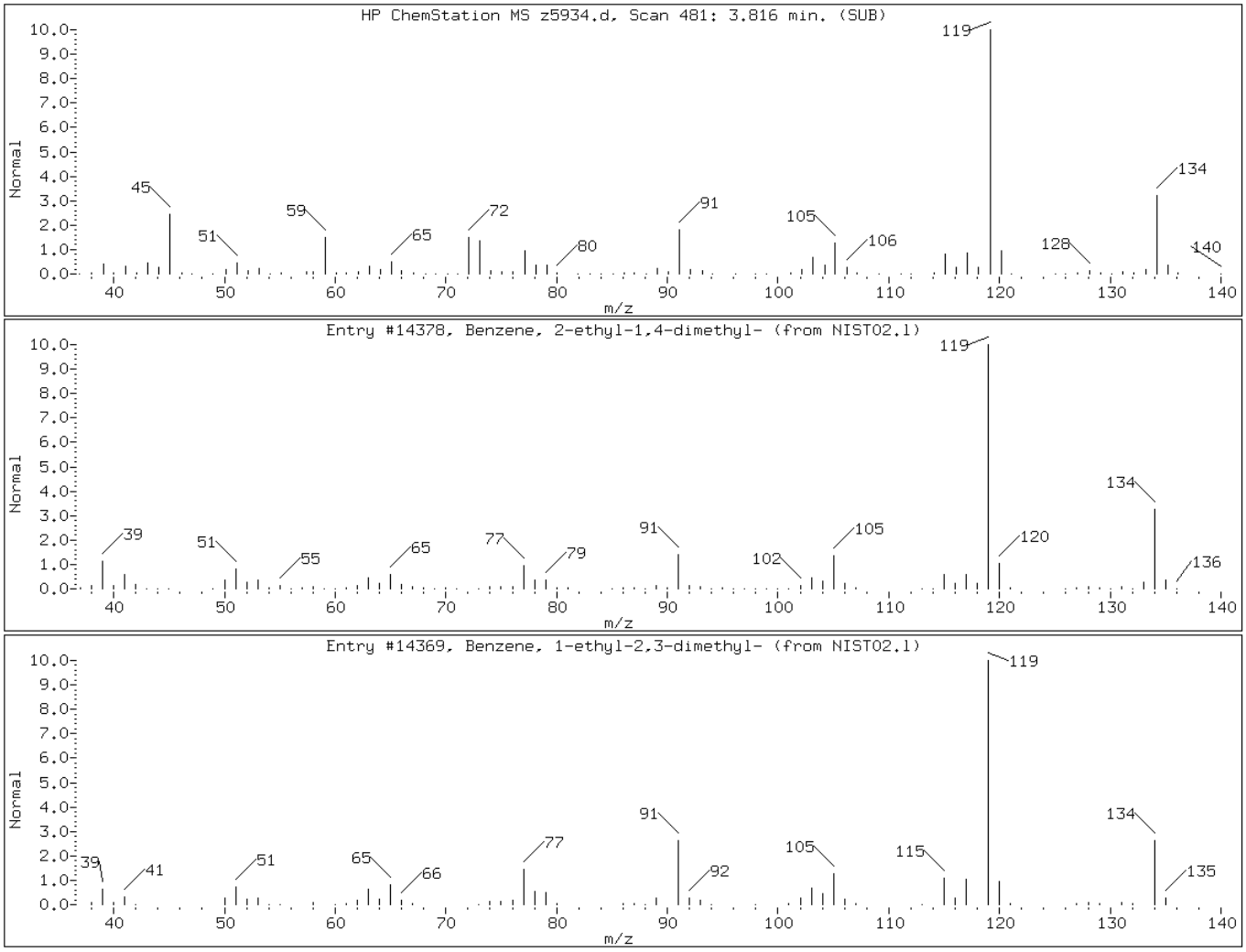
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 3.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14378	95	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	94	C10H14	134



Data File: z5934.d

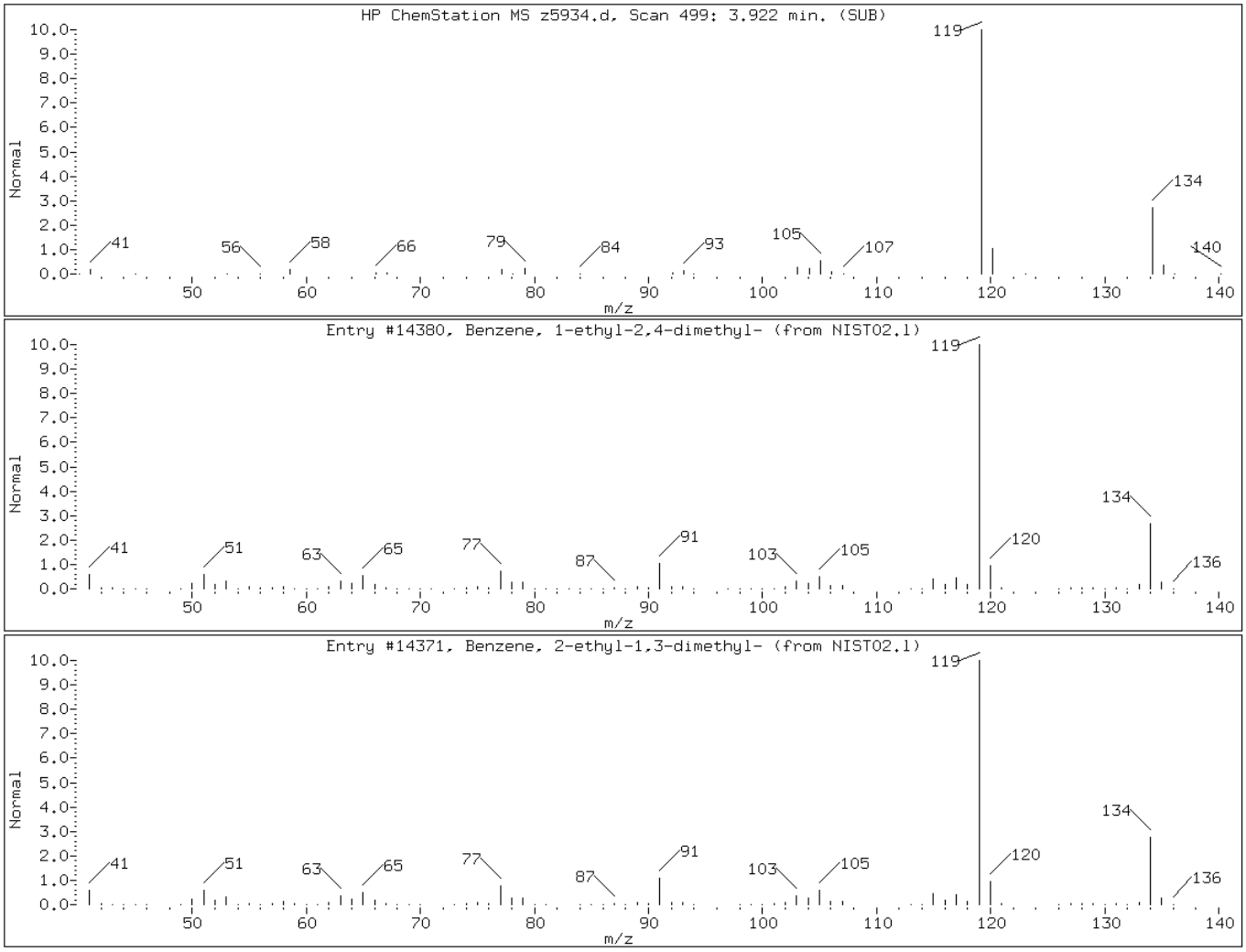
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 3.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-2						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14380	90	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14371	90	C10H14	134



Data File: z5934.d

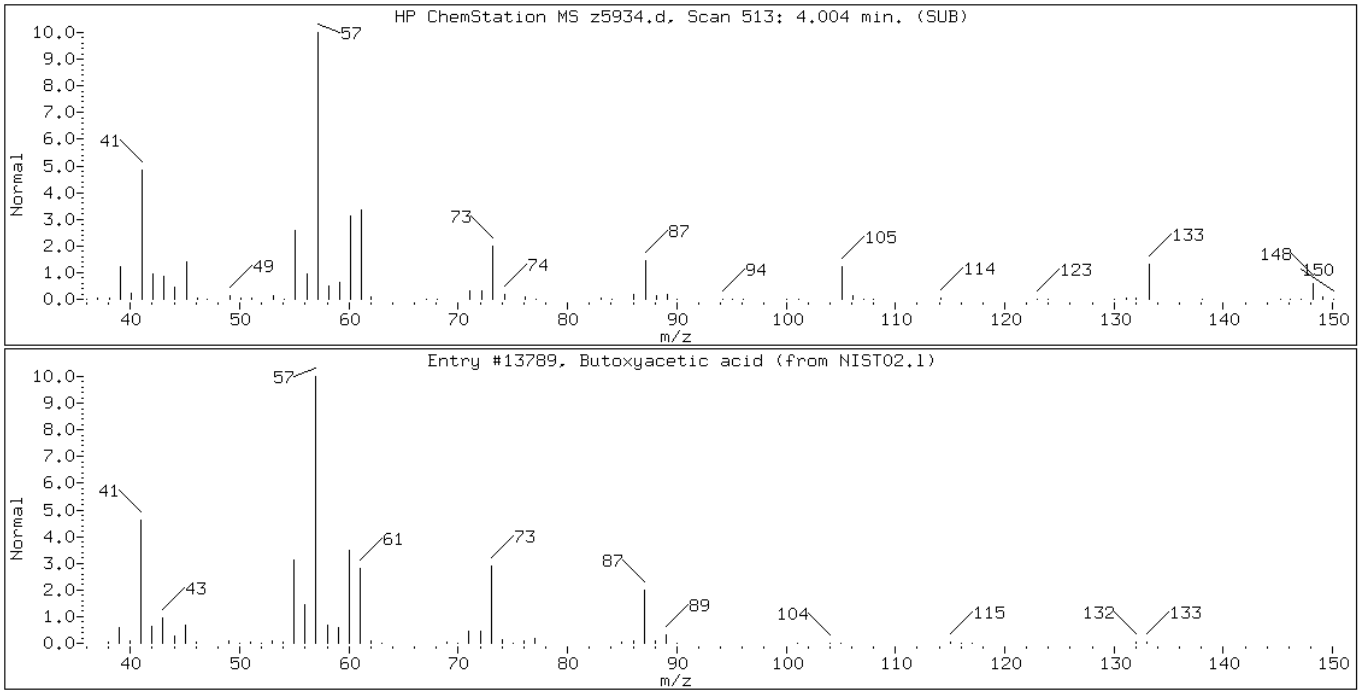
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 4.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	64	C6H12O3	132



Data File: z5934.d

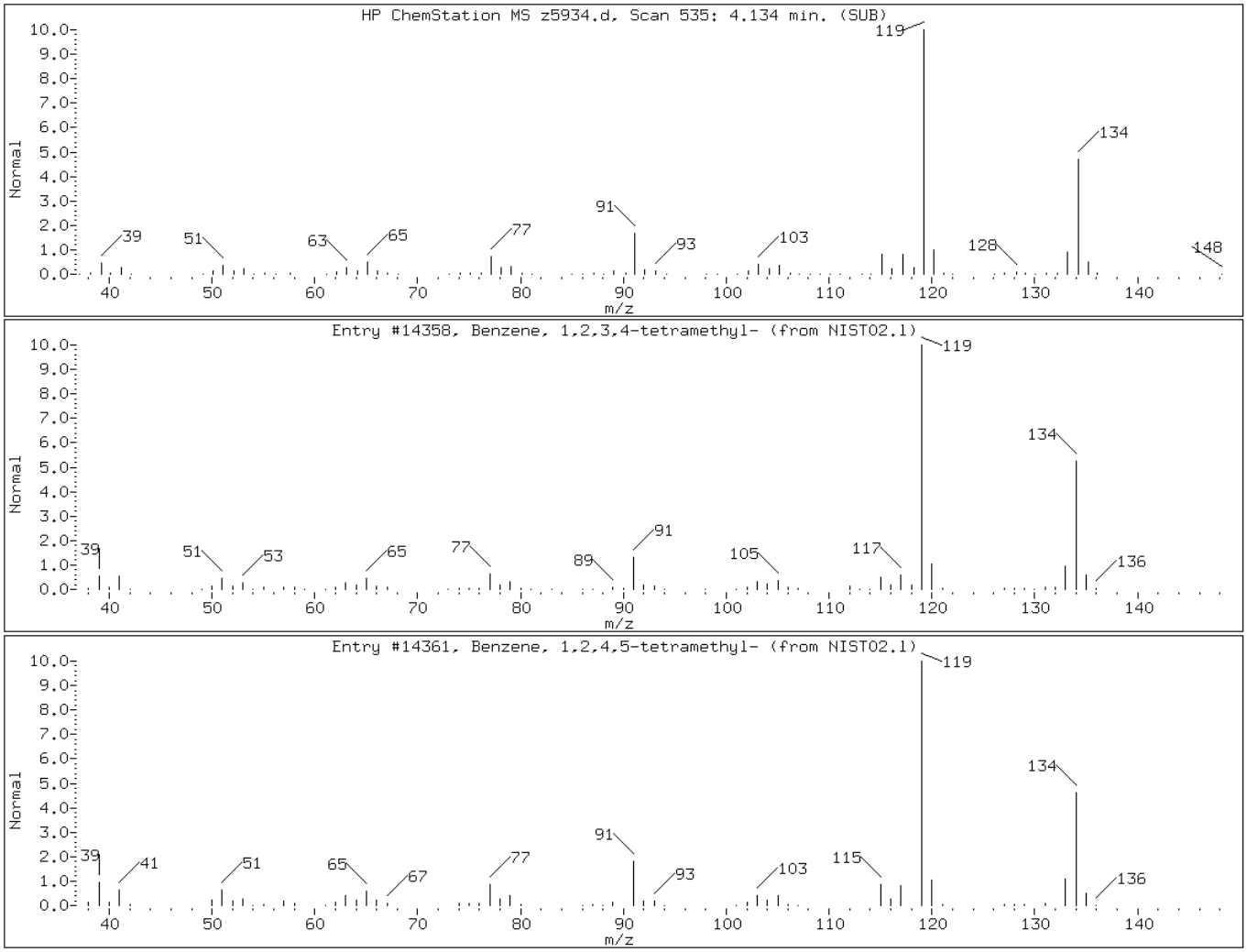
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 4.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	97	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134



Data File: z5934.d

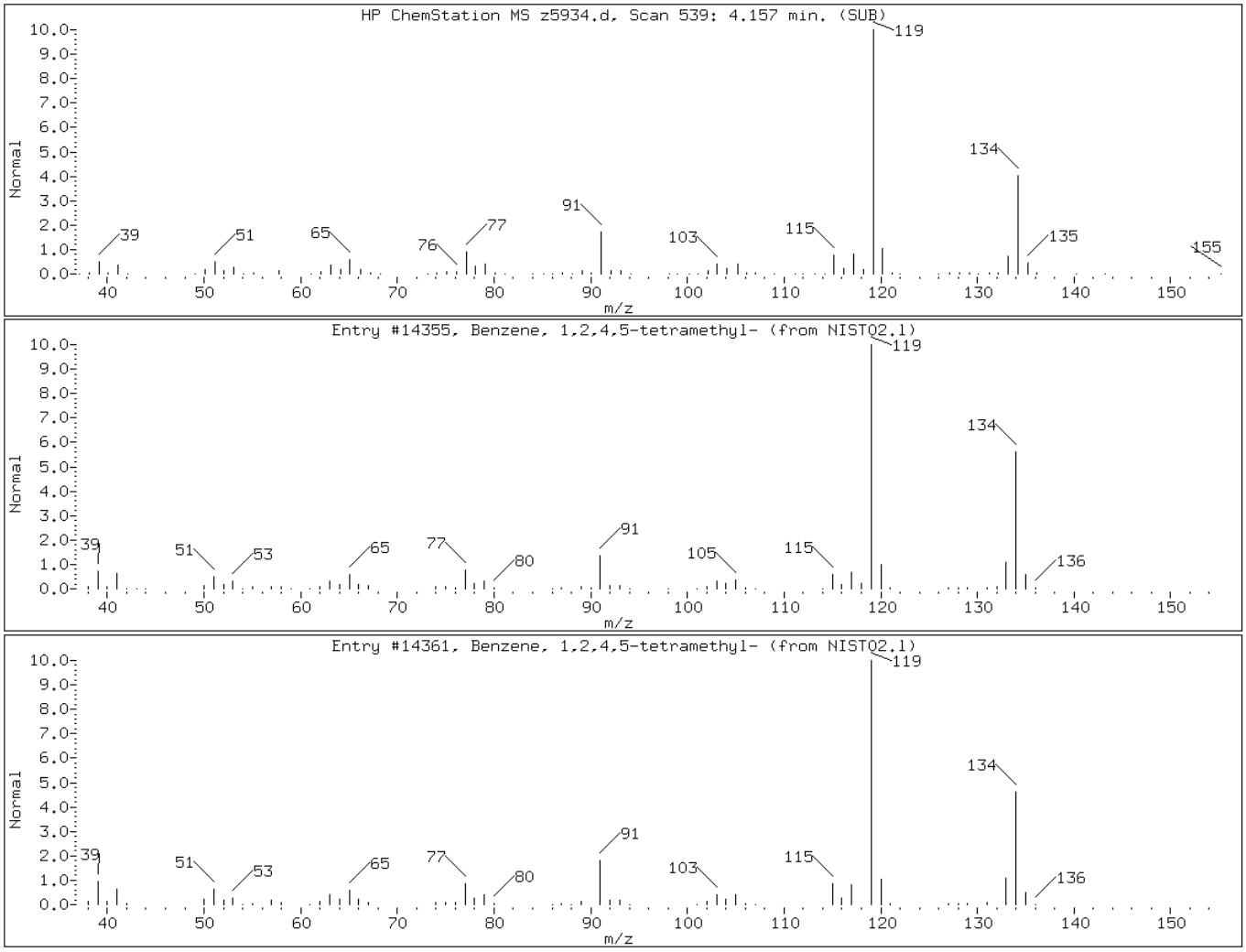
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 4.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-2						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	97	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134



Data File: z5934.d

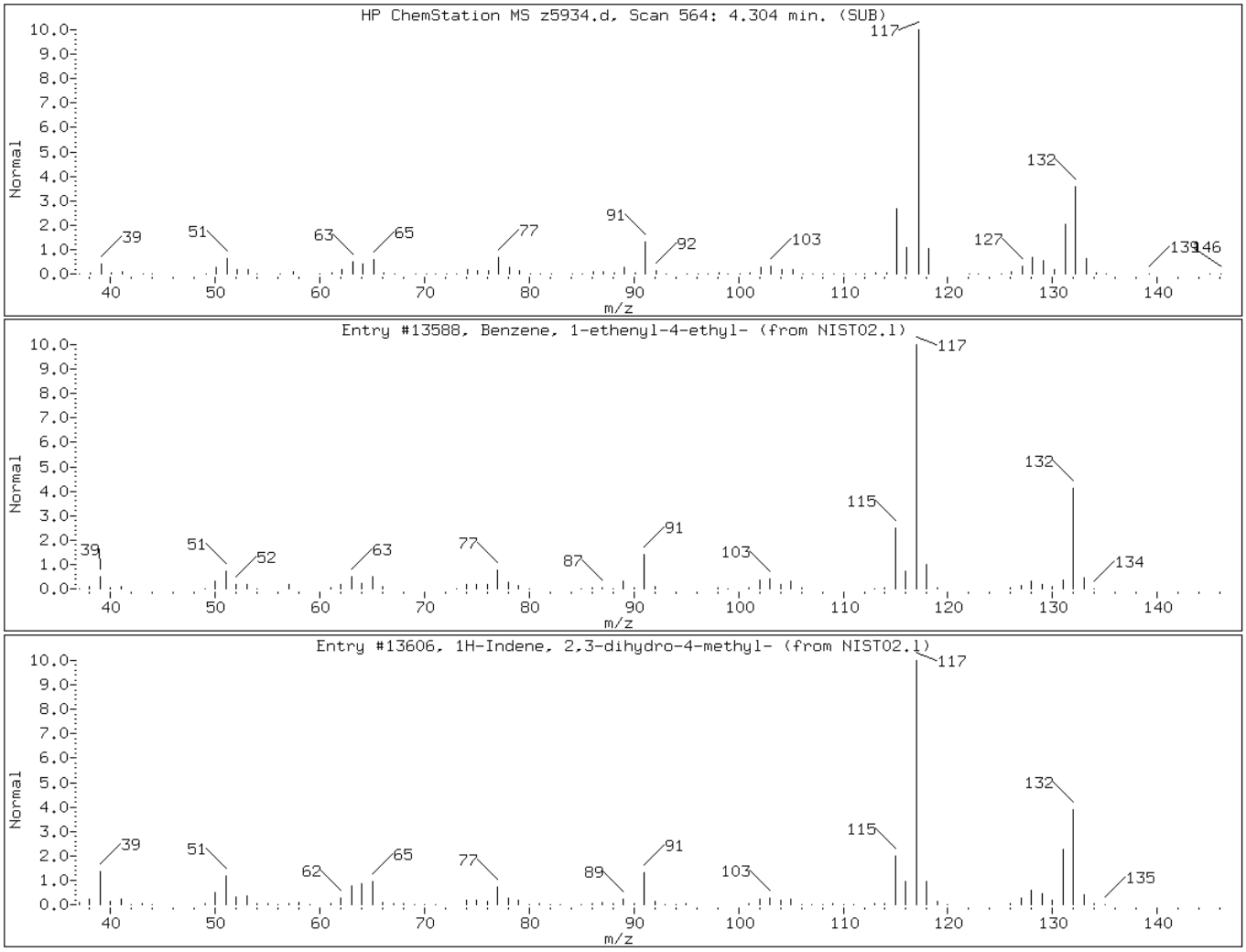
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 4.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic-1						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	94	C10H12	132



Data File: z5934.d

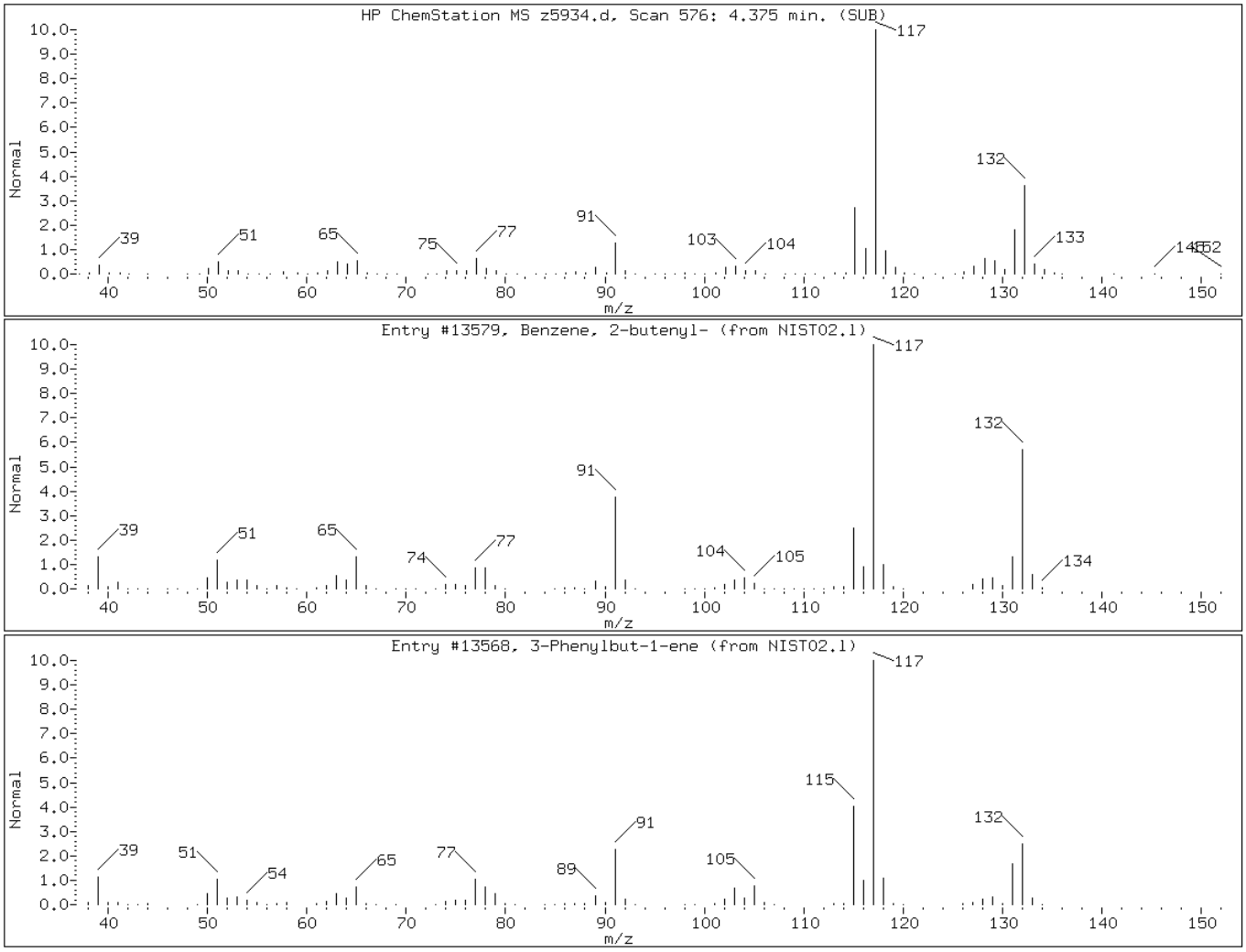
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 4.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic-2						
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13579	90	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	90	C10H12	132



Data File: z5934.d

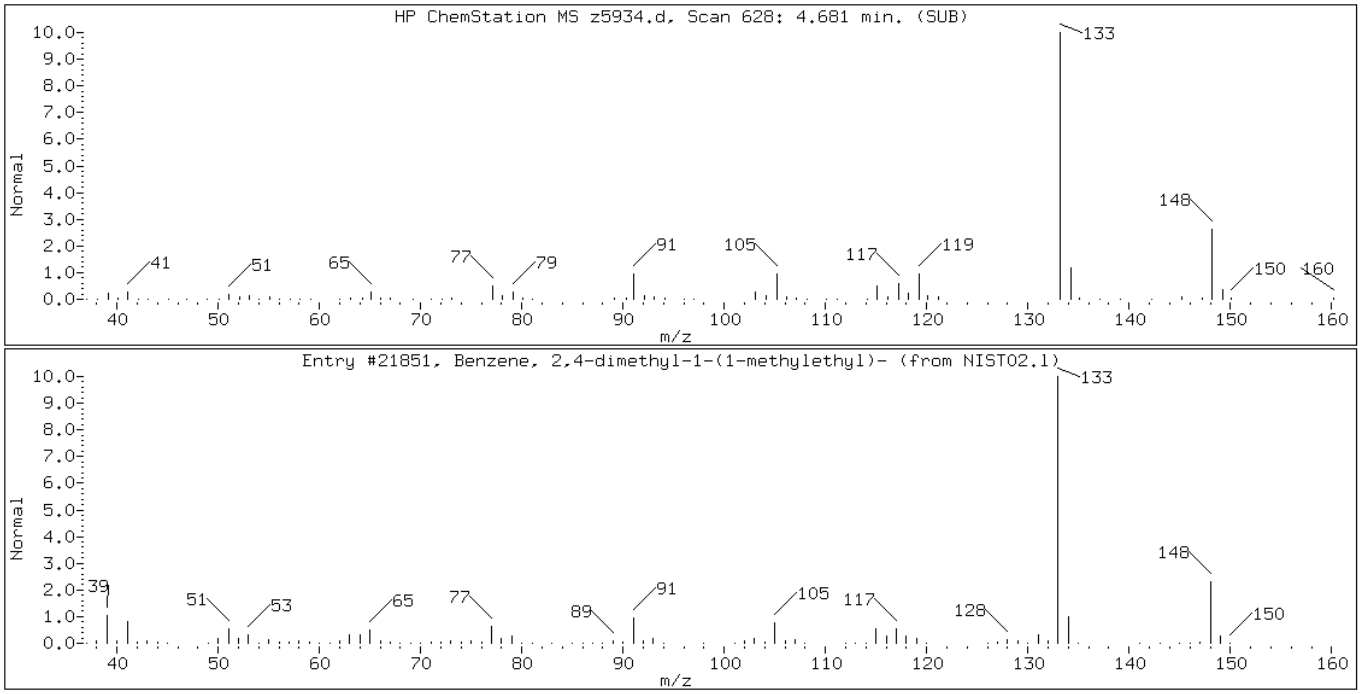
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 4.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic Dimethylmethylethylbenzene isomer						
Benzene, 2,4-dimethyl-1-(1-methyle	4706-89-2	NIST02.l	21851	87	C11H16	148



Data File: z5934.d

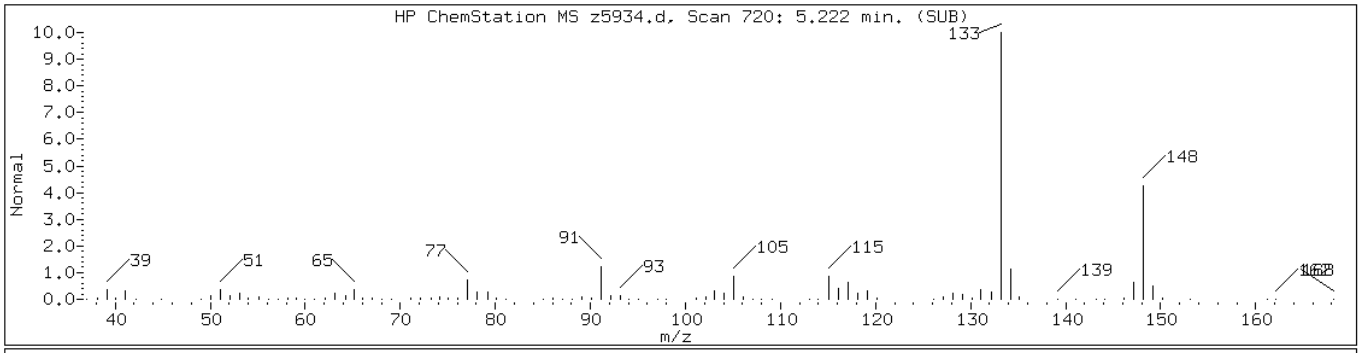
Date: 17-NOV-2009 17:07

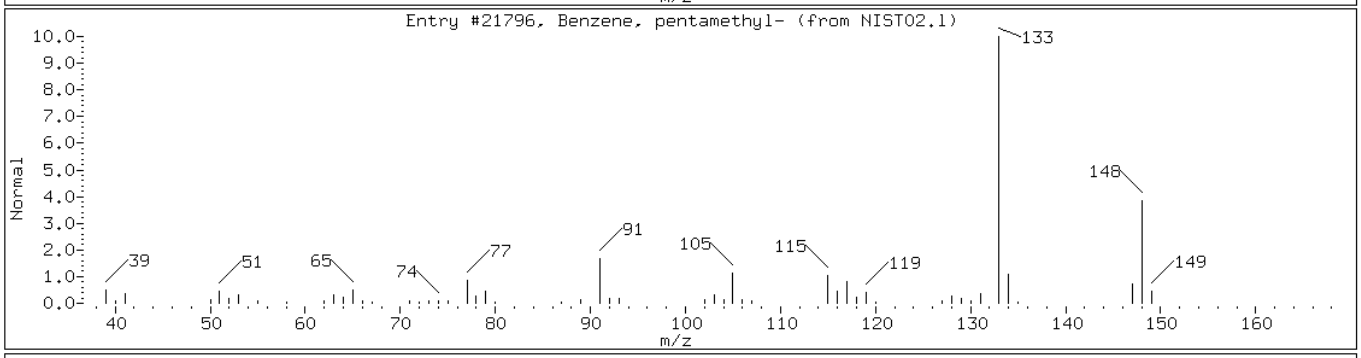
Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

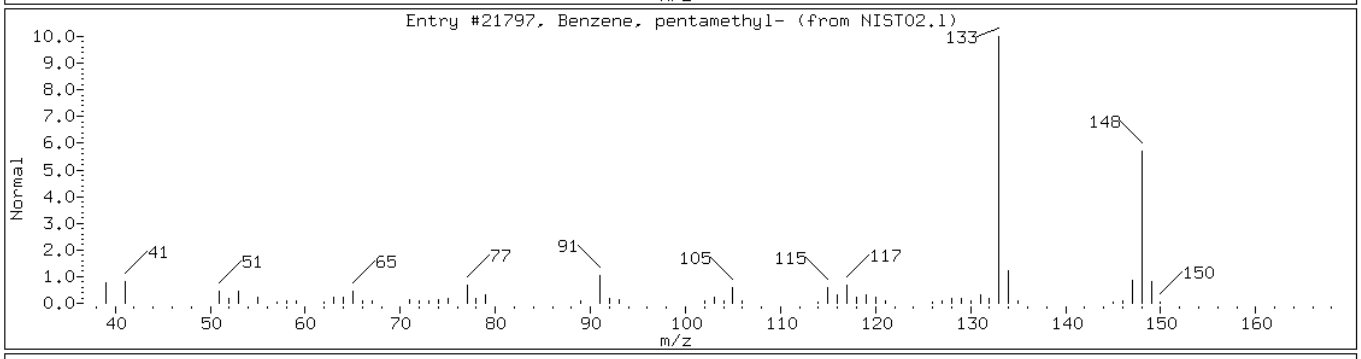
Sample Info: 460-7904-A-4-A Operator: BNAMS 4

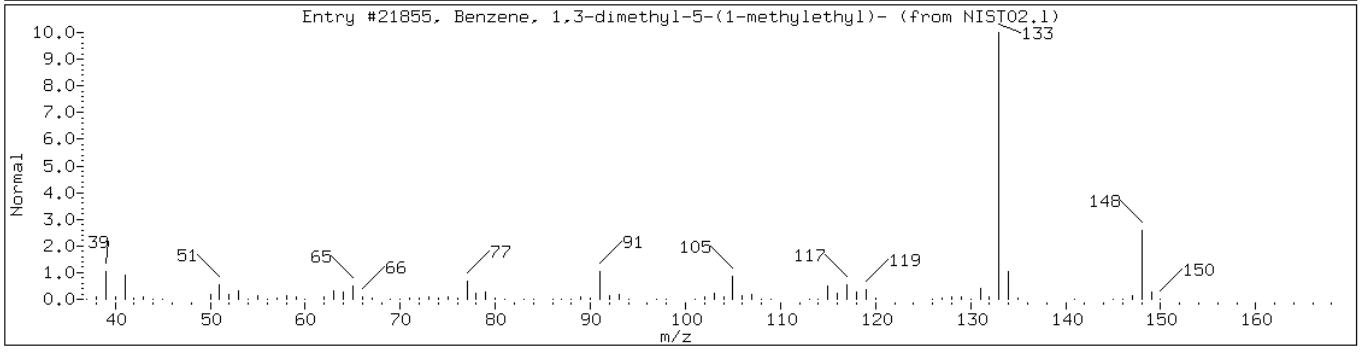
Retention Time: 5.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, pentamethyl-	700-12-9	NIST02.l	21796	95	C11H16	148
Benzene, pentamethyl-	700-12-9	NIST02.l	21797	94	C11H16	148
Benzene, 1,3-dimethyl-5-(1-methyle	4706-90-5	NIST02.l	21855	91	C11H16	148









Data File: z5934.d

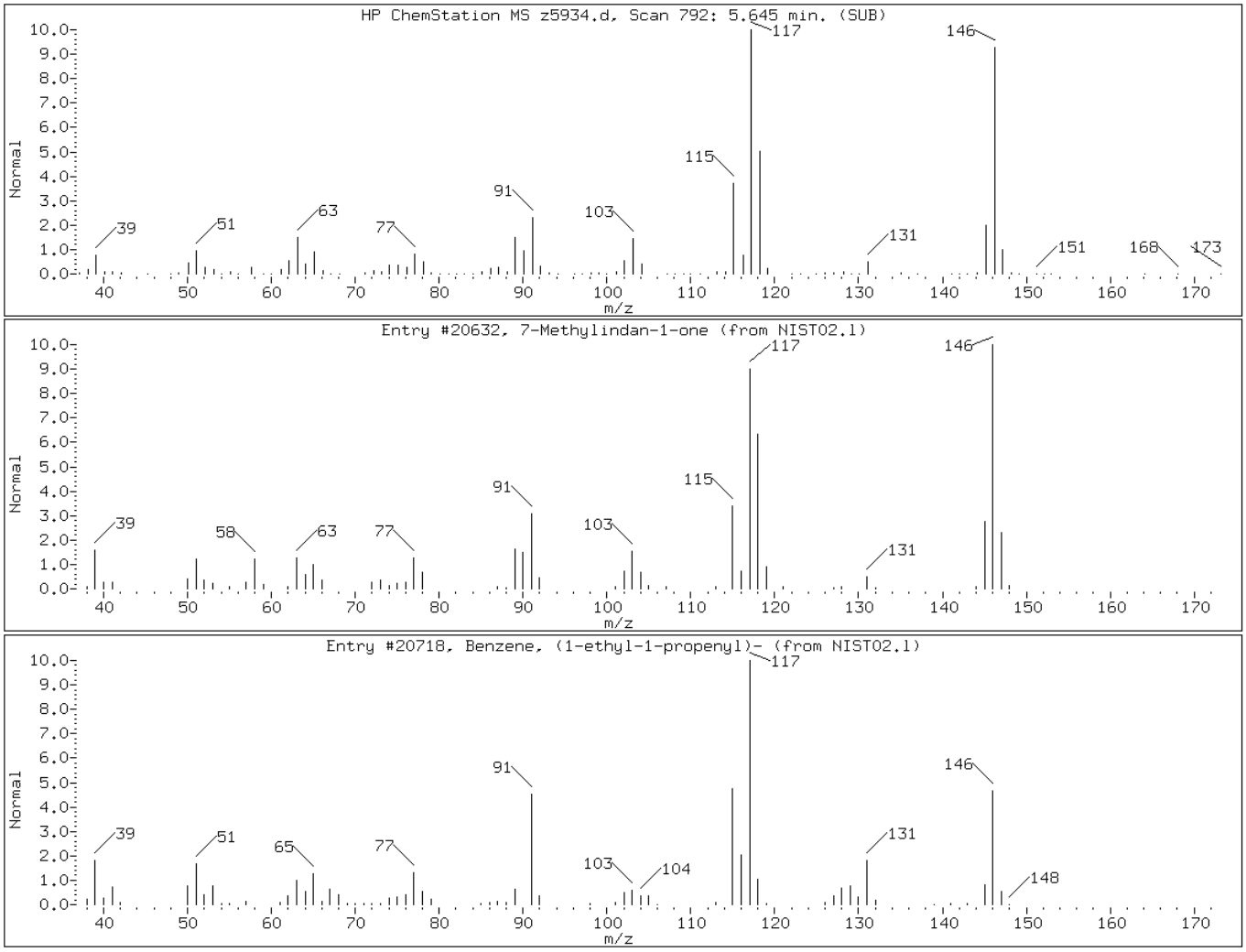
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 5.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H10O Ketone-1						
7-Methylindan-1-one	39627-61-7	NIST02.l	20632	94	C10H10O	146
Benzene, (1-ethyl-1-propenyl)-	4701-36-4	NIST02.l	20718	64	C11H14	146



Data File: z5934.d

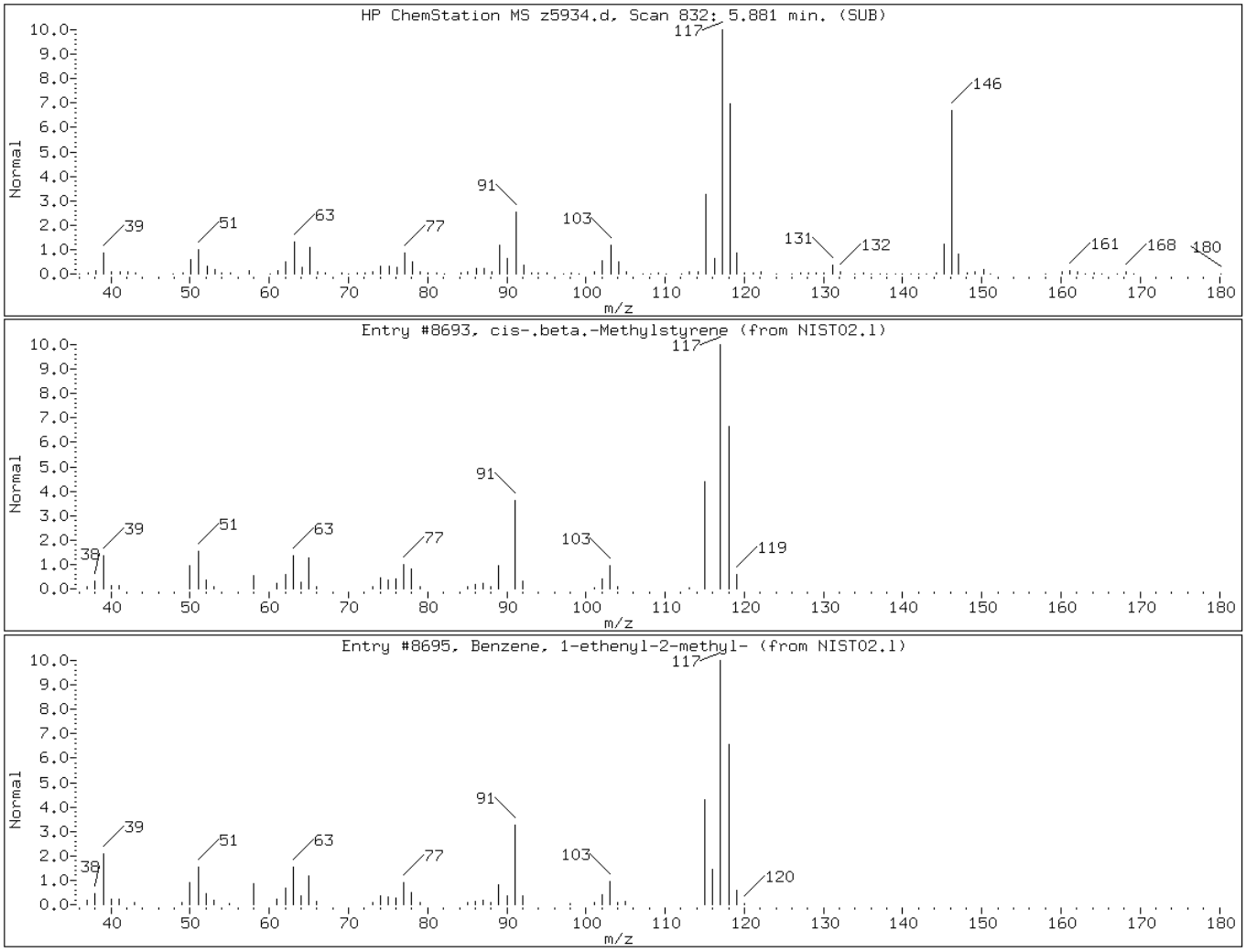
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 5.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H10O Ketone-2						
cis-.beta.-Methylstyrene	766-90-5	NIST02.l	8693	93	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.l	8695	83	C9H10	118



Data File: z5934.d

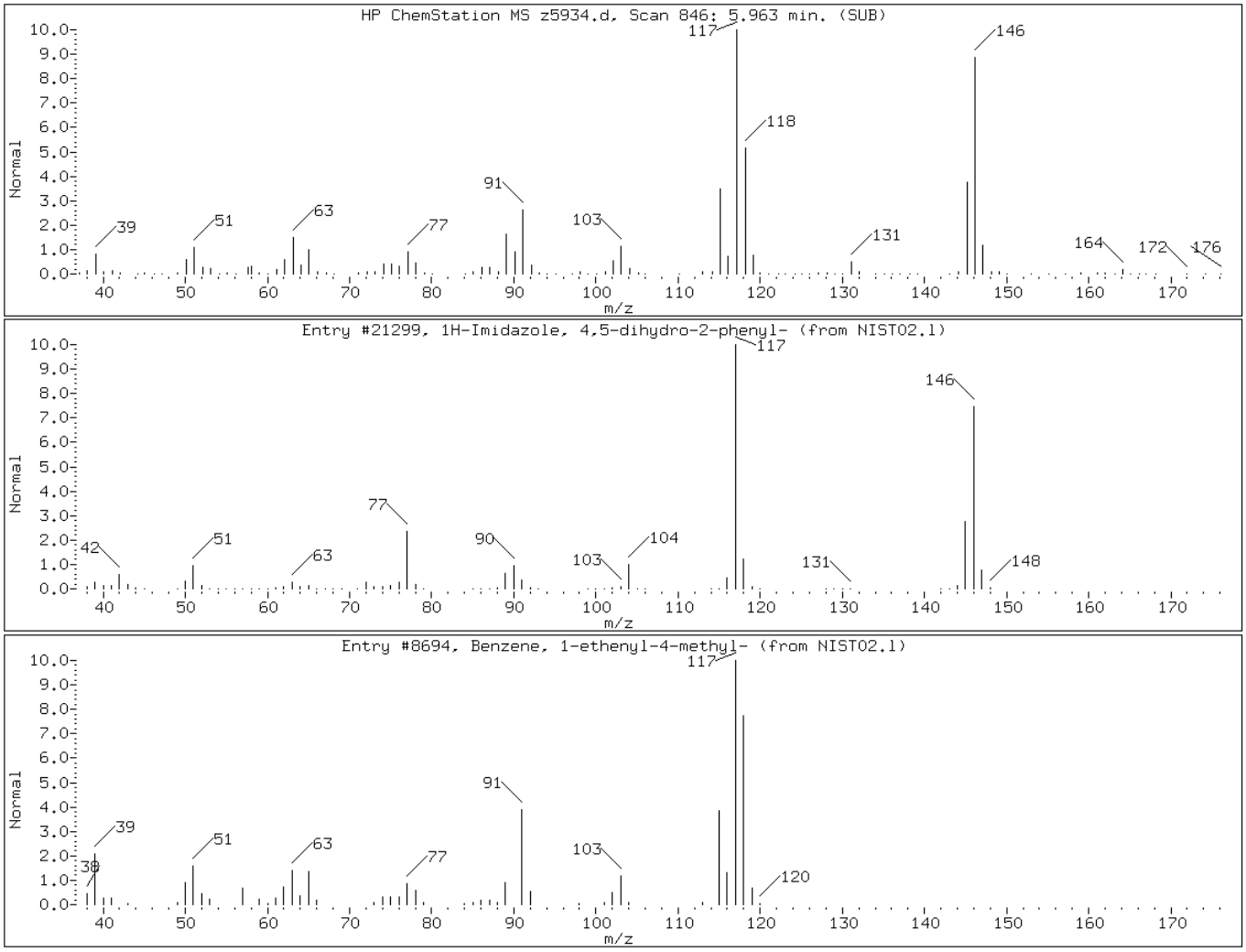
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 5.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H10O Ketone-3						
1H-Imidazole, 4,5-dihydro-2-phenyl	936-49-2	NIST02.l	21299	68	C9H10N2	146
Benzene, 1-ethenyl-4-methyl-	622-97-9	NIST02.l	8694	64	C9H10	118



Data File: z5934.d

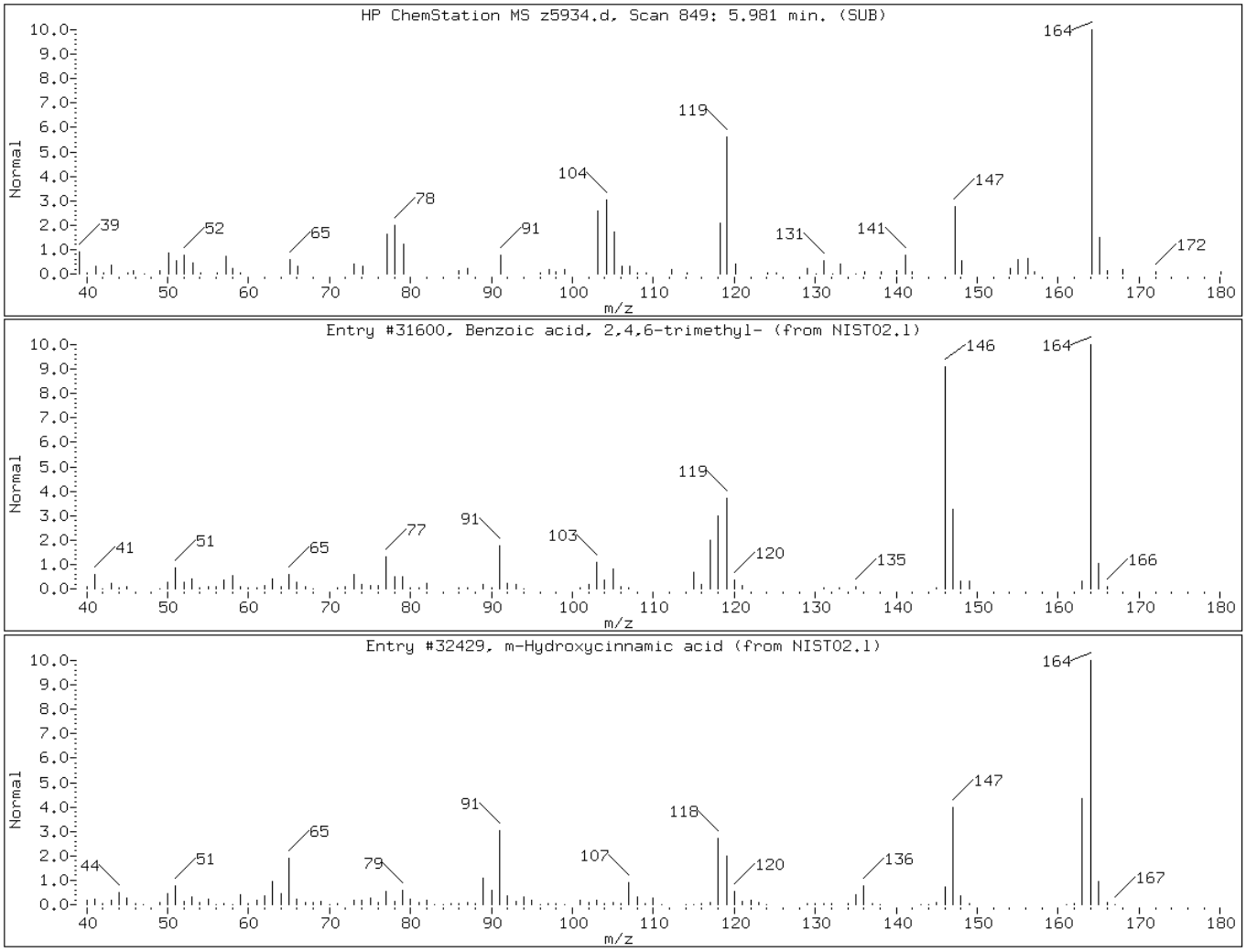
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 5.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31600	50	C10H12O2	164
m-Hydroxycinnamic acid	14755-02-3	NIST02.l	32429	43	C9H8O3	164



Data File: z5934.d

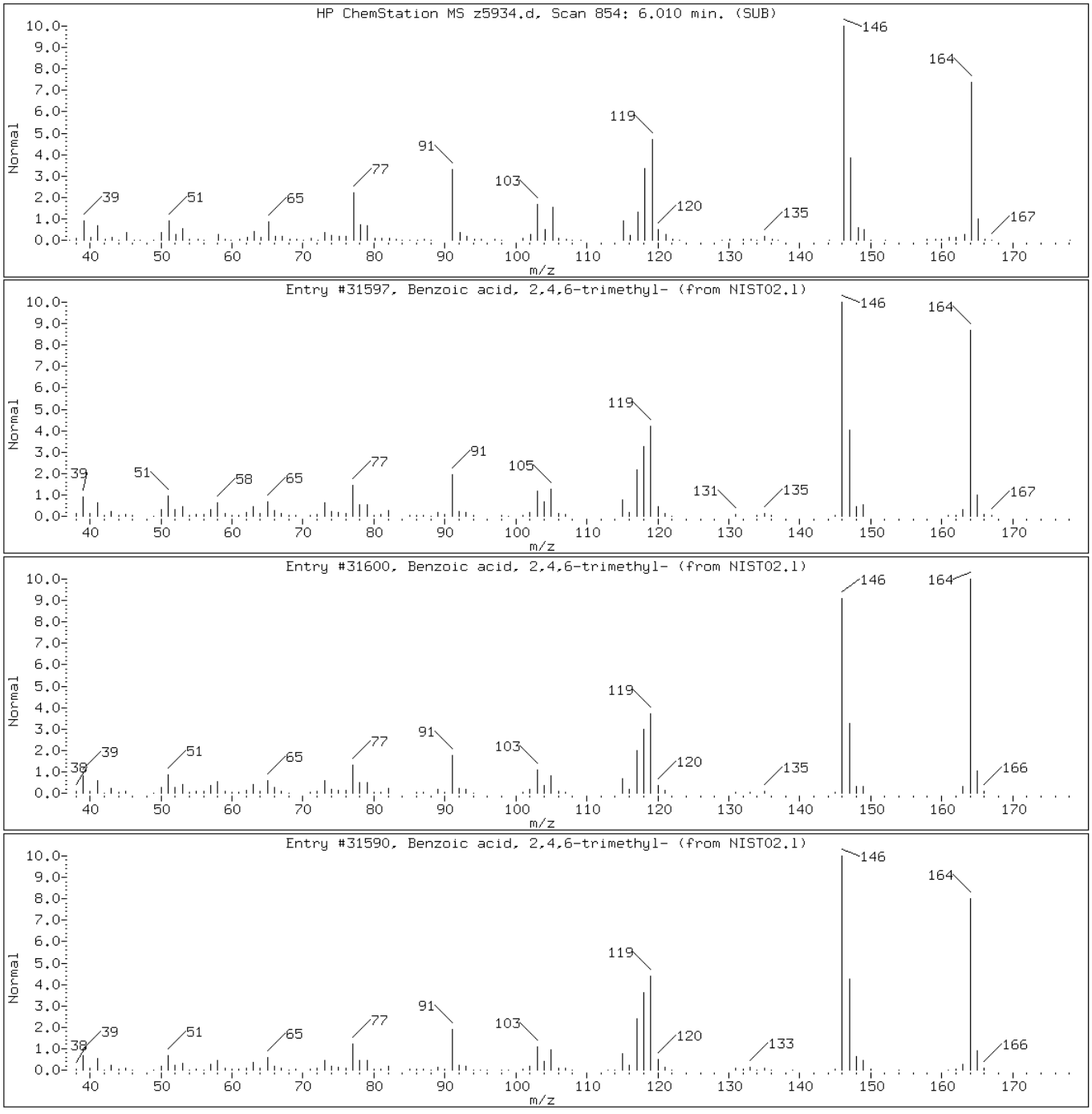
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 6.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31597	94	C10H12O2	164
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31600	94	C10H12O2	164
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31590	93	C10H12O2	164



Data File: z5934.d

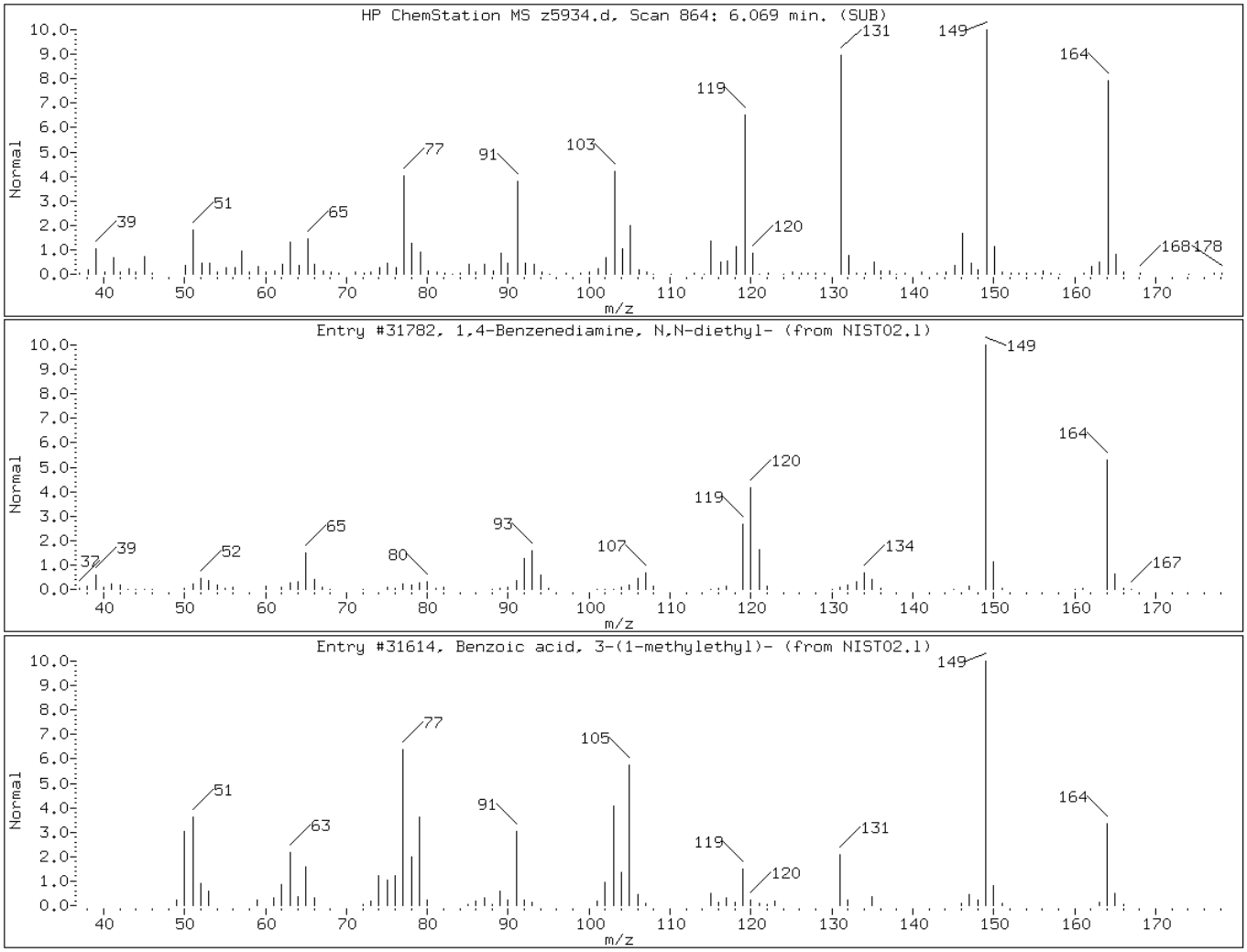
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 6.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
1,4-Benzenediamine, N,N-diethyl-	93-05-0	NIST02.l	31782	38	C10H16N2	164
Benzoic acid, 3-(1-methylethyl)-	5651-47-8	NIST02.l	31614	35	C10H12O2	164



Data File: z5934.d

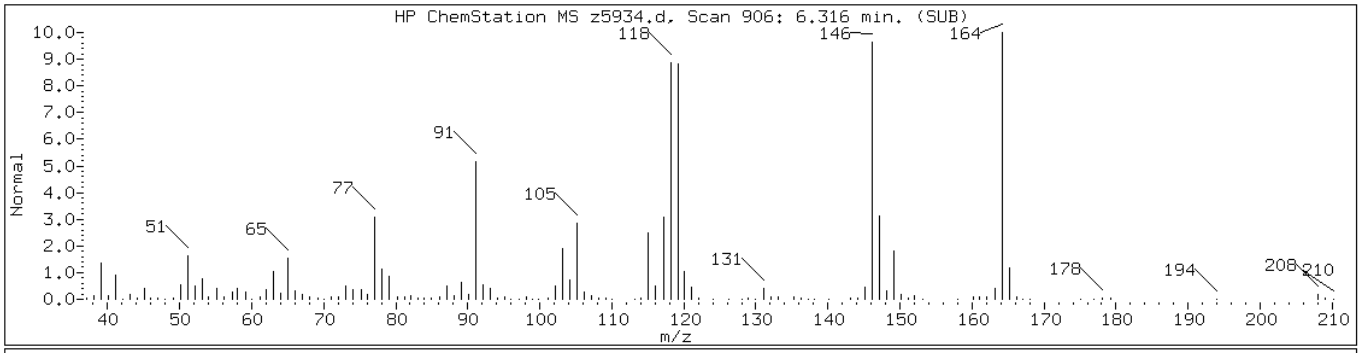
Date: 17-NOV-2009 17:07

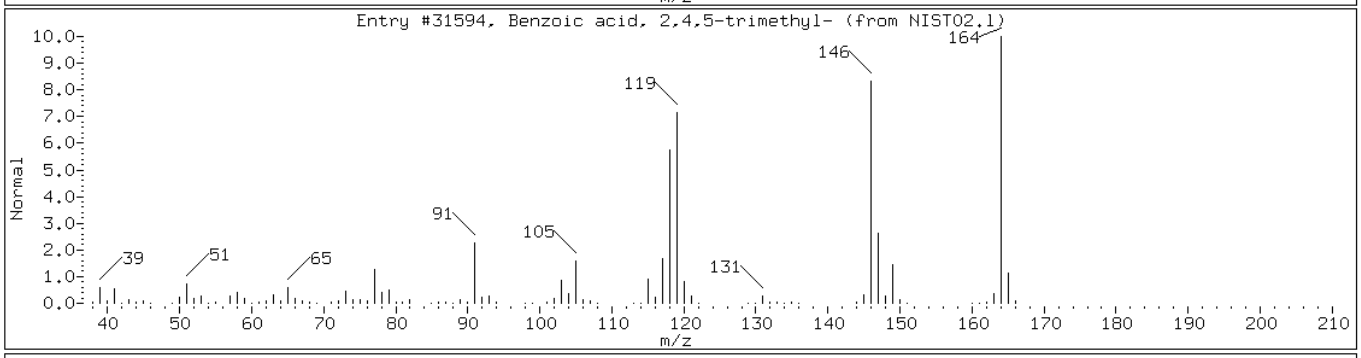
Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

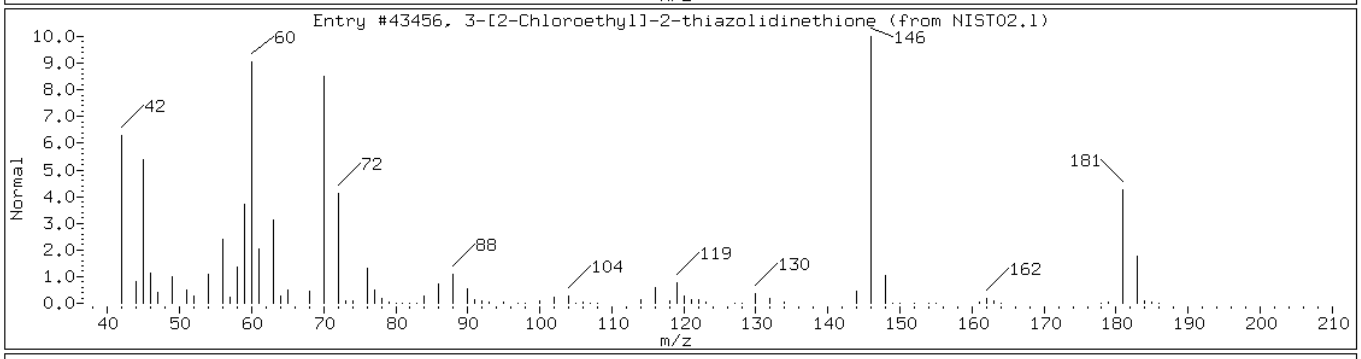
Sample Info: 460-7904-A-4-A Operator: BNAMS 4

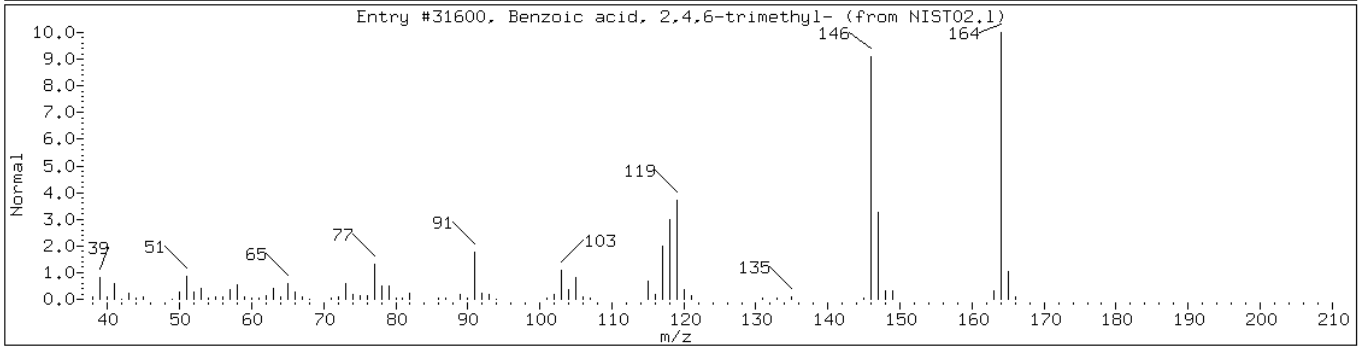
Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31594	97	C10H12O2	164
3-[2-Chloroethyl]-2-thiazolidineth	89416-25-1	NIST02.l	43456	53	C5H8ClNS2	181
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31600	49	C10H12O2	164









Data File: z5934.d

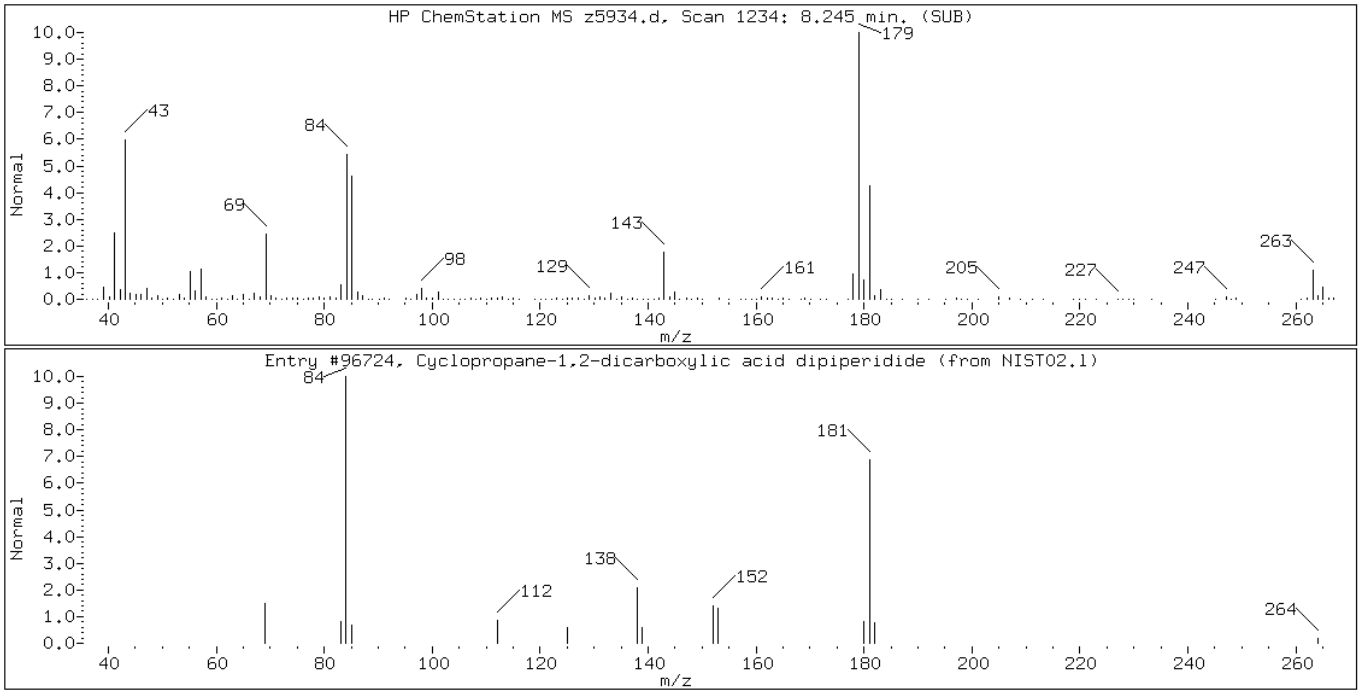
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Cyclopropane-1,2-dicarboxylic acid	1000144-67-0	NIST02.l	96724	22	C15H24N2O2	264



Data File: z5934.d

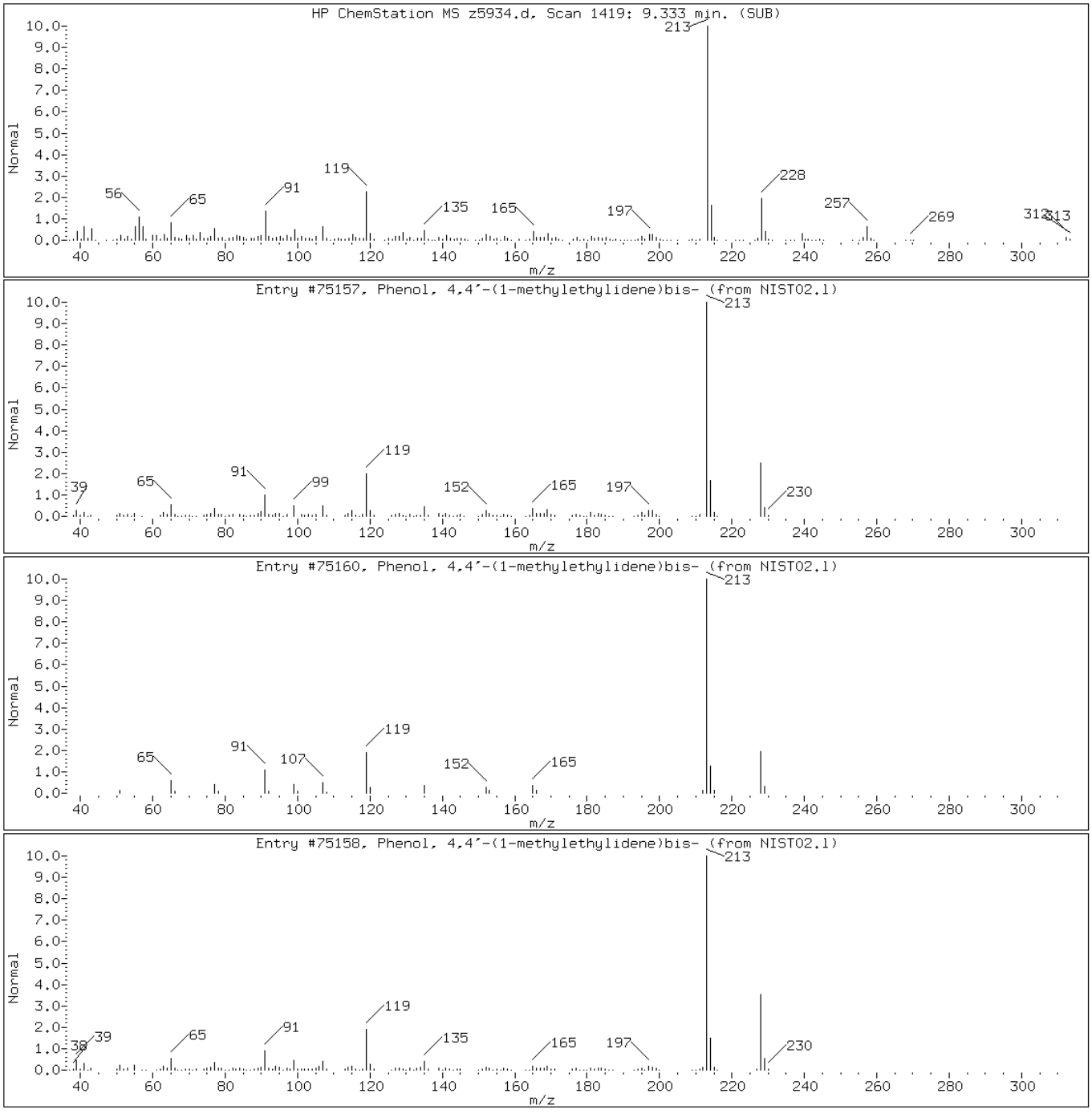
Date: 17-NOV-2009 17:07

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-4-A Operator: BNAMS 4

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75157	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75160	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75158	90	C15H16O2	228



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-05 | Lab Sample ID: 460-7904-5

Matrix: Water | Lab File ID: z5819.d

Analysis Method: 8270C | Date Collected: 11/12/2009 13:10

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 990(mL) | Date Analyzed: 11/13/2009 20:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	5.1	U *	5.1	0.68
108-95-2	Phenol	5.1	U *	5.1	0.45
111-44-4	Bis(2-chloroethyl)ether	0.51	U	0.51	0.21
95-57-8	2-Chlorophenol	5.1	U	5.1	1.3
95-48-7	2-Methylphenol	5.1	U	5.1	0.84
98-86-2	Acetophenone	5.1	U	5.1	2.2
621-64-7	N-Nitrosodi-n-propylamine	0.51	U	0.51	0.16
67-72-1	Hexachloroethane	0.51	U	0.51	0.25
98-95-3	Nitrobenzene	0.51	U	0.51	0.21
78-59-1	Isophorone	5.1	U	5.1	1.8
88-75-5	2-Nitrophenol	5.1	U	5.1	1.7
105-67-9	2,4-Dimethylphenol	5.1	U	5.1	1.3
111-91-1	Bis(2-chloroethoxy)methane	5.1	U	5.1	1.8
120-83-2	2,4-Dichlorophenol	5.1	U	5.1	1.4
91-20-3	Naphthalene	5.1	U	5.1	1.8
106-47-8	4-Chloroaniline	5.1	U	5.1	1.1
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.47
105-60-2	Caprolactam	5.1	U	5.1	0.25
59-50-7	4-Chloro-3-methylphenol	5.1	U	5.1	1.0
91-57-6	2-Methylnaphthalene	5.1	U	5.1	1.6
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	2.3
88-06-2	2,4,6-Trichlorophenol	5.1	U	5.1	1.6
95-95-4	2,4,5-Trichlorophenol	5.1	U	5.1	1.3
91-58-7	2-Chloronaphthalene	5.1	U	5.1	1.9
88-74-4	2-Nitroaniline	10	U	10	2.9
131-11-3	Dimethyl phthalate	5.1	U	5.1	1.6
208-96-8	Acenaphthylene	5.1	U	5.1	2.0
606-20-2	2,6-Dinitrotoluene	1.0	U	1.0	0.30
99-09-2	3-Nitroaniline	10	U	10	2.2
83-32-9	Acenaphthene	5.1	U	5.1	1.9
51-28-5	2,4-Dinitrophenol	15	U *	15	2.4
100-02-7	4-Nitrophenol	15	U	15	1.2
132-64-9	Dibenzofuran	5.1	U	5.1	1.8
121-14-2	2,4-Dinitrotoluene	1.0	U	1.0	0.22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-05 | Lab Sample ID: 460-7904-5

Matrix: Water | Lab File ID: z5819.d

Analysis Method: 8270C | Date Collected: 11/12/2009 13:10

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 990(mL) | Date Analyzed: 11/13/2009 20:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	5.1	U	5.1	1.9
7005-72-3	4-Chlorophenyl phenyl ether	5.1	U	5.1	2.0
86-73-7	Fluorene	5.1	U	5.1	1.6
100-01-6	4-Nitroaniline	10	U	10	2.0
534-52-1	4,6-Dinitro-2-methylphenol	15	U	15	2.6
86-30-6	N-Nitrosodiphenylamine	5.1	U	5.1	2.0
101-55-3	4-Bromophenyl phenyl ether	5.1	U	5.1	2.0
118-74-1	Hexachlorobenzene	0.51	U	0.51	0.14
1912-24-9	Atrazine	5.1	U	5.1	2.4
87-86-5	Pentachlorophenol	15	U	15	2.6
85-01-8	Phenanthrene	5.1	U	5.1	1.8
120-12-7	Anthracene	5.1	U	5.1	1.8
86-74-8	Carbazole	5.1	U	5.1	1.6
84-74-2	Di-n-butyl phthalate	5.1	U	5.1	1.4
206-44-0	Fluoranthene	5.1	U	5.1	1.3
129-00-0	Pyrene	5.1	U	5.1	2.2
85-68-7	Butyl benzyl phthalate	5.1	U	5.1	1.4
91-94-1	3,3'-Dichlorobenzidine	10	U	10	3.5
56-55-3	Benzo[a]anthracene	0.51	U	0.51	0.14
218-01-9	Chrysene	5.1	U	5.1	1.9
117-81-7	Bis(2-ethylhexyl) phthalate	5.1	U	5.1	1.2
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	0.96
205-99-2	Benzo[b]fluoranthene	0.51	U	0.51	0.11
207-08-9	Benzo[k]fluoranthene	0.51	U	0.51	0.15
50-32-8	Benzo[a]pyrene	0.51	U	0.51	0.091
193-39-5	Indeno[1,2,3-cd]pyrene	0.51	U	0.51	0.061
53-70-3	Dibenz(a,h)anthracene	0.51	U	0.51	0.081
191-24-2	Benzo[g,h,i]perylene	5.1	U *	5.1	1.4
92-52-4	Diphenyl	5.1	U	5.1	2.7
106-44-5	4-Methylphenol	5.1	U	5.1	0.80
108-60-1	bis (2-chloroisopropyl) ether	5.1	U	5.1	1.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-05 Lab Sample ID: 460-7904-5

Matrix: Water Lab File ID: z5819.d

Analysis Method: 8270C Date Collected: 11/12/2009 13:10

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 990(mL) Date Analyzed: 11/13/2009 20:38

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	35	14-68	
321-60-8	2-Fluorobiphenyl	95	61-112	
4165-62-2	Phenol-d5	22	9-48	
4165-60-0	Nitrobenzene-d5	100	61-120	
118-79-6	2,4,6-Tribromophenol	84	50-119	
1718-51-0	Terphenyl-d14	91	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-05 Lab Sample ID: 460-7904-5

Matrix: Water Lab File ID: z5819.d

Analysis Method: 8270C Date Collected: 11/12/2009 13:10

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 990(mL) Date Analyzed: 11/13/2009 20:38

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5819.d
Report Date: 16-Nov-2009 14:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5819.d
Lab Smp Id: 460-7904-B-5-A Client Smp ID: GW-017338-111209-AC
Inj Date : 13-NOV-2009 20:38
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-B-5-A
Misc Info : 460-7904-B-5-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 14:28 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.198	2.198	(0.645)	166771	17.3150	17
$ 17 Phenol-d5 (SUR)	99	3.081	3.104	(0.903)	115493	11.0633	11
* 79 1,4-Dichlorobenzene-d4	152	3.410	3.416	(1.000)	309122	40.0000	
23 1,2-Dichlorobenzene	146	3.587	3.587	(1.052)	2645	0.23105	0.23(a)
$ 76 Nitrobenzene-d5 (SUR)	82	3.987	3.998	(0.846)	472447	50.2496	51
* 80 Naphthalene-d8	136	4.710	4.716	(1.000)	1022775	40.0000	
31 Naphthalene	128	4.728	4.739	(1.004)	28268	1.06084	1.1(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.816	5.822	(0.901)	773764	47.5635	48
* 82 Acenaphthene-d10	164	6.457	6.463	(1.000)	472950	40.0000	
42 Acenaphthene	154	6.486	6.498	(1.005)	1494	0.11957	0.12(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.228	7.239	(1.119)	86889	42.1859	43
* 83 Phenanthrene-d10	188	7.898	7.904	(1.000)	616378	40.0000	
56 Fluoranthene	202	9.069	9.074	(1.148)	2430	0.14975	0.15(a)
57 Pyrene	202	9.280	9.286	(0.886)	1511	0.10152	0.10(a)
$ 78 Terphenyl-d14	244	9.469	9.474	(0.904)	517359	45.3215	46

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5819.d
Report Date: 16-Nov-2009 14:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 81 Chrysene-d12	240	10.469	10.480	(1.000)	382001	40.0000	
* 84 Perylene-d12	264	12.104	12.110	(1.000)	235171	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5819.d
Report Date: 16-Nov-2009 14:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5819.d
Lab Smp Id: 460-7904-B-5-A Client Smp ID: GW-017338-111209-AC
Inj Date : 13-NOV-2009 20:38
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-B-5-A
Misc Info : 460-7904-B-5-A
Comment   :
Method   : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 14:28 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

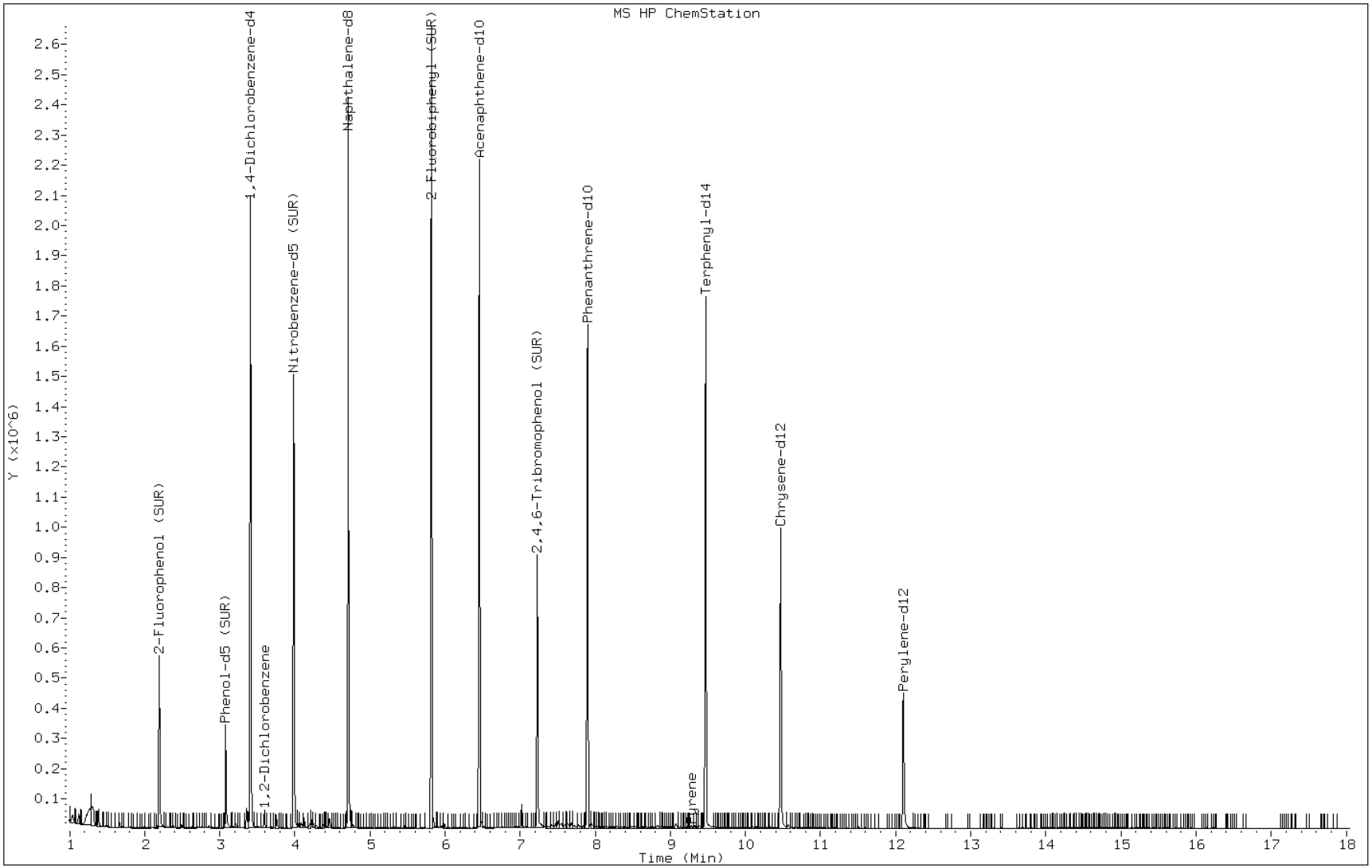
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z5819.d

Date: 13-NOV-2009 20:38

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-B-5-A Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 21625

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2009 13:59 Calibration End Date: 11/03/2009 16:05 Calibration ID: 3868

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-21625/4	z5462.d
Level 2	IC 460-21625/7	z5465.d
Level 3	IC 460-21625/6	z5464.d
Level 4	ICIS 460-21625/2	z5460.d
Level 5	IC 460-21625/5	z5463.d
Level 6	IC 460-21625/3	z5461.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6036 0.5241	0.6153	0.5589	0.5516	0.5753	Ave		0.5715				5.9		15.0			
N-Nitrosodimethylamine	0.6891 0.6616	0.7352	0.6562	0.6798	0.6657	Ave		0.6813				4.3		15.0			
Pyridine	1.2501 1.1991	1.3599	1.2255	1.2162	1.1851	Ave		1.2393				5.1		15.0			
2,3,7,8-TCDD	+++++ +++++	+++++	+++++	0.2043	+++++	Ave		0.2043						15.0			
Benzaldehyde	0.6116 +++++	0.5320	0.5838	0.3751	0.1956	Ave		0.4596				37.8	*	15.0			
Aniline	1.7860 +++++	1.8609	1.7545	1.7367	1.5734	Ave		1.7423				6.1		15.0			
Phenol	1.7815 1.3963	1.7217	1.6275	1.5210	1.3427	Ave		1.5651				11.3		30.0			
Bis(2-chloroethyl)ether	1.0764 1.5678	1.3167	1.2223	1.1937	1.1340	Ave		1.2518				14.0		15.0			
2-Chlorophenol	1.5388 1.2331	1.5164	1.4273	1.3480	1.2042	Ave		1.3780				10.2		15.0			
n-Decane	1.1611 0.8899	1.1820	1.0490	0.9648	0.9426	Ave		1.0315				11.6		15.0			
1,3-Dichlorobenzene	1.7190 1.5328	1.7666	1.6382	1.6029	1.5564	Ave		1.6360				5.6		15.0			
1,4-Dichlorobenzene	1.7711 1.5112	1.7477	1.6089	1.5682	1.5308	Ave		1.6230				6.8		30.0			
Benzyl alcohol	0.7344 0.6887	0.7507	0.7696	0.7803	0.6674	Ave		0.7319				6.2		15.0			
1,2-Dichlorobenzene	1.6223 1.3416	1.6280	1.5099	1.4188	1.3675	Ave		1.4813				8.5		15.0			
2,2'-oxybis[1-chloropropane]	1.3031 0.9102	1.3103	1.1564	1.0653	0.9508	LinF		0.9475							0.9904		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 21625

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2009 13:59 Calibration End Date: 11/03/2009 16:05 Calibration ID: 3868

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylphenol	1.1776 0.9415	1.1399	1.0852	1.0442	0.9050	Ave		1.0489				10.3		15.0			
2-Toluidine	1.7921 1.5416	1.8244	1.7299	1.6942	1.5111	Ave		1.6822				7.7		15.0			
Acetophenone	1.7558 1.4477	1.7621	1.6805	1.5908	1.4445	Ave		1.6136				8.9		15.0			
N-Nitrosodi-n-propylamine	0.7745 0.5975	0.8117	0.7770	0.7408	0.6376	Ave		0.7232			0.0500	11.9		15.0			
3 & 4 Methylphenol	1.2905 0.9166	1.2307	1.1924	1.0814	0.9388	Ave		1.1084				14.1		15.0			
4-Methylphenol	1.2486 0.9166	1.2257	1.1742	1.0751	0.9388	Ave		1.0965				13.1		15.0			
Hexachloroethane	0.6349 0.5435	0.6938	0.6541	0.6215	0.5942	Ave		0.6237				8.3		15.0			
Nitrobenzene	0.5266 0.3996	0.5535	0.5172	0.4679	0.4343	Ave		0.4832				12.3		15.0			
n,n'-Dimethylaniline	2.3523 1.6317	2.0274	1.9224	1.8287	1.7114	Ave		1.9123				13.5		15.0			
Isophorone	0.6327 0.5993	0.6506	0.6246	0.6098	0.5862	Ave		0.6172				3.8		15.0			
2-Nitrophenol	0.2075 0.2061	0.2132	0.2046	0.2011	0.1930	Ave		0.2043				3.3		30.0			
2,4-Dimethylphenol	0.3301 0.2835	0.3051	0.3188	0.2959	0.2691	Ave		0.3004				7.5		15.0			
Bis(2-chloroethoxy)methane	0.3858 0.3493	0.3935	0.3832	0.3677	0.3512	Ave		0.3718				5.0		15.0			
Benzoic acid	0.0757 0.1699	0.0974	0.1317	0.1335	0.1193	QuaF		9.3955	-6.819						0.9926		0.9900
2,4-Dichlorophenol	0.3123 0.2618	0.3045	0.2897	0.2696	0.2553	Ave		0.2822				8.3		30.0			
1,2,4-Trichlorobenzene	0.3828 0.3320	0.3686	0.3447	0.3308	0.3265	Ave		0.3476				6.6		15.0			
Naphthalene	1.1107 0.9532	1.1440	1.0619	1.0044	0.9786	Ave		1.0421				7.3		15.0			
4-Chloroaniline	0.3961 0.3626	0.4079	0.3945	0.3928	0.3722	Ave		0.3877				4.4		15.0			
Hexachlorobutadiene	0.2313 0.2021	0.2280	0.2113	0.1975	0.2009	Ave		0.2119				6.9		30.0			
Caprolactam	0.0757 0.0793	0.0844	0.0959	0.0854	0.0822	Ave		0.0838				8.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 21625

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2009 13:59 Calibration End Date: 11/03/2009 16:05 Calibration ID: 3868

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.2872 0.2611	0.2929	0.2904	0.2858	0.2671	Ave		0.2807				4.7		30.0			
2-Methylnaphthalene	0.6709 0.5857	0.6672	0.6477	0.6158	0.5953	Ave		0.6304				5.8		15.0			
1-Methylnaphthalene	0.6522 0.5909	0.6701	0.6397	0.6121	0.5823	Ave		0.6246				5.6		15.0			
Hexachlorocyclopentadiene	0.3362 0.4721	0.3483	0.3569	0.4126	0.4080	Ave		0.3890			0.0500	13.3		15.0			
2-tertbutyl-4-methylphenol	0.4377 0.3462	0.4500	0.4322	0.4272	0.4060	Ave		0.4165				9.0		15.0			
2,4,6-Trichlorophenol	0.3942 0.4398	0.3972	0.3802	0.3755	0.3615	Ave		0.3914				6.9		30.0			
2,4,5-Trichlorophenol	0.4267 0.3920	0.4157	0.4027	0.3880	0.3804	Ave		0.4009				4.4		15.0			
1,1'-Biphenyl	1.5979 1.2625	1.6176	1.4971	1.3871	1.2961	Ave		1.4431				10.5		15.0			
2-Chloronaphthalene	1.2535 1.0744	1.2650	1.1741	1.0758	1.0694	Ave		1.1520				8.0		15.0			
Phenyl ether	0.8736 0.8023	0.8753	0.8108	0.7710	0.7685	Ave		0.8169				5.8		15.0			
2-Nitroaniline	0.3672 0.2947	0.3752	0.3473	0.3456	0.3141	Ave		0.3407				9.1		15.0			
1,3-Dimethylnaphthalene	1.0726 1.0410	1.0041	0.9951	0.9400	0.8982	Ave		0.9918				6.5		15.0			
Coumarin	0.1979 0.1843	0.2059	0.2134	0.2098	0.1955	Ave		0.2011				5.3		15.0			
Dimethyl phthalate	1.2953 1.1522	1.2953	1.2549	1.1962	1.1651	Ave		1.2265				5.2		15.0			
2,6-Dinitrotoluene	0.2534 0.2866	0.2925	0.2920	0.2975	0.2886	Ave		0.2851				5.6		15.0			
Acenaphthylene	1.9346 1.7730	1.9402	1.8641	1.7893	1.7363	Ave		1.8396				4.7		15.0			
3-Nitroaniline	0.3031 0.2969	0.3040	0.3169	0.3145	0.3132	Ave		0.3081				2.6		15.0			
Acenaphthene	1.1170 0.9979	1.1217	1.0723	1.0276	1.0039	Ave		1.0567				5.2		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.0845 1.0367	1.1039	1.0624	0.9909	1.0053	Ave		1.0473				4.2		15.0			
2,4-Dinitrophenol	0.1071 0.1737	0.1196	0.1463	0.1635	0.1705	QuaF		6.7226	-1.964		0.0500				0.9968		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 21625

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2009 13:59 Calibration End Date: 11/03/2009 16:05 Calibration ID: 3868

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Nitrophenol	0.1967 0.1796	0.1835	0.2087	0.2240	0.2161	Ave		0.2014			0.0500	8.9		15.0			
Dibenzofuran	1.6661 1.4635	1.6515	1.5654	1.5047	1.4601	Ave		1.5519				5.9		15.0			
2,4-Dinitrotoluene	0.3889 0.3390	0.3803	0.3838	0.3818	0.3805	Ave		0.3757				4.9		15.0			
2-Naphthylamine	0.8425 0.8779	0.9928	0.9584	0.9091	0.8722	Ave		0.9088				6.3		15.0			
Diethyl phthalate	1.2581 1.1811	1.2826	1.2873	1.2625	1.2245	Ave		1.2493				3.2		15.0			
Fluorene	1.2998 1.1320	1.3098	1.2671	1.2022	1.1793	Ave		1.2317				5.8		15.0			
4-Chlorophenyl phenyl ether	0.6452 0.5706	0.6419	0.6212	0.5903	0.5861	Ave		0.6092				5.1		15.0			
4-Nitroaniline	0.2798 0.2421	0.2942	0.2940	0.2999	0.2755	Ave		0.2809				7.5		15.0			
4,6-Dinitro-2-methylphenol	0.1231 0.1418	0.1267	0.1372	0.1428	0.1388	Ave		0.1351				6.1		15.0			
N-Nitrosodiphenylamine	0.5924 0.5519	0.5944	0.5655	0.5568	0.5527	Ave		0.5689				3.4		30.0			
1,2-Diphenylhydrazine	0.9821 0.9064	0.9902	0.9158	0.8559	0.8264	Ave		0.9128				7.2		15.0			
4-Bromophenyl phenyl ether	0.2496 0.2609	0.2506	0.2375	0.2323	0.2386	Ave		0.2449				4.3		15.0			
Hexachlorobenzene	0.2432 0.2617	0.2505	0.2455	0.2403	0.2414	Ave		0.2471				3.2		15.0			
Atrazine	0.2133 0.1879	0.2264	0.2146	0.1960	0.1919	Ave		0.2050				7.4		15.0			
Pentachlorophenol	0.1335 0.1601	0.1335	0.1447	0.1503	0.1494	Ave		0.1453				7.1		30.0			
n-Octadecane	0.4751 0.3936	0.4839	0.4327	0.3858	0.3628	Ave		0.4223				11.8		15.0			
Phenanthrene	1.1593 1.0520	1.1749	1.1136	1.0682	1.0496	Ave		1.1029				5.0		15.0			
Anthracene	1.1735 1.0781	1.1831	1.1163	1.0881	1.0622	Ave		1.1169				4.5		15.0			
Carbazole	1.0331 0.8693	1.0370	0.9785	0.9657	0.9054	Ave		0.9648				7.0		15.0			
Di-n-butyl phthalate	1.3029 1.1512	1.3325	1.2974	1.2615	1.2023	Ave		1.2580				5.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 21625

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2009 13:59 Calibration End Date: 11/03/2009 16:05 Calibration ID: 3868

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Fluoranthene	1.1361 0.9115	1.1536	1.0851	1.0464	0.9855	Ave		1.0530				8.8		30.0			
Benzidine	0.0699 +++++	0.2835	0.2261	0.0843	0.0329	Ave		0.1393				78.2	*	15.0			
Pyrene	1.4490 1.7568	1.5294	1.5291	1.5390	1.5476	Ave		1.5585				6.6		15.0			
Butyl benzyl phthalate	0.5983 0.6865	0.6291	0.6542	0.6574	0.6577	Ave		0.6472				4.6		15.0			
Carbamazepine	0.2639 0.4169	0.3606	0.3838	0.4088	0.4307	LinF		0.4190							0.9985		0.9900
3,3'-Dichlorobenzidine	0.2749 0.2604	0.3132	0.3219	0.2888	0.2741	Ave		0.2889				8.3		15.0			
Benzo[a]anthracene	1.3190 1.0950	1.0878	1.0434	1.0658	1.0659	Ave		1.1128				9.2		15.0			
Chrysene	1.0244 1.0225	1.0606	1.0239	1.0188	1.0096	Ave		1.0266				1.7		15.0			
Bis(2-ethylhexyl) phthalate	0.7646 0.9077	0.8234	0.8323	0.8599	0.8678	Ave		0.8426				5.7		15.0			
Di-n-octyl phthalate	1.4450 1.7975	1.6613	1.8641	2.0183	1.9481	Ave		1.7890				11.7		30.0			
Benzo[b]fluoranthene	0.8985 1.2354	1.1378	1.1374	1.2084	1.1802	Ave		1.1330				10.7		15.0			
Benzo[k]fluoranthene	1.2181 1.3088	1.3781	1.3815	1.3810	1.3268	Ave		1.3324				4.8		15.0			
Benzo[a]pyrene	0.6406 1.0508	0.9582	0.9552	1.0116	1.0039	LinF		1.0327							0.9988		0.9900
Indeno[1,2,3-cd]pyrene	0.4314 0.9421	0.6009	0.6814	0.7503	0.8351	QuaF		1.4451	-0.137						0.9997		0.9900
Dibenz(a,h)anthracene	0.4332 0.9403	0.6978	0.7439	0.8096	0.8605	LinF		0.9039							0.9922		0.9900
Benzo[g,h,i]perylene	0.6724 0.9457	0.7256	0.7207	0.7897	0.8402	Ave		0.7824				12.7		15.0			
2-Fluorophenol	1.3161 1.1672	1.3749	1.2850	1.2306	1.1042	Ave		1.2463				8.0		15.0			
Phenol-d5	1.5366 1.1876	1.4985	1.4033	1.3361	1.1429	Ave		1.3508				11.9		15.0			
Nitrobenzene-d5	0.3546 0.3477	0.3950	0.3739	0.3771	0.3579	Ave		0.3677				4.8		15.0			
2-Fluorobiphenyl	1.4029 1.4087	1.4620	1.3499	1.3340	1.2978	Ave		1.3759				4.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 21625

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2009 13:59 Calibration End Date: 11/03/2009 16:05 Calibration ID: 3868

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.1629 0.1857	0.1673	0.1701	0.1781	0.1811	Ave		0.1742				5.1		15.0			
Terphenyl-d14	1.0336 1.4116	1.1527	1.1364	1.1982	1.2394	Ave		1.1953				10.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.