TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-45537-1

Job Description: 17338-TO4-2012, RACER, GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304

Attention: Ms. Sue Scrocchi

Approved for release.
Janet Mosley
Project Mgmt. Assistant
10/16/2012 2:43 PM

Designee for
Jamie Capaci
Project Manager I
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10/16/2012

cc: Chris Barton

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 17338-TO4-2012, RACER, GM Wilmington

Report Number: 460-45537-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 10/05/2012 7:10 PM; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.2 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-45537-1 and 460-45537-2 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082DEL. The samples were prepared on 10/08/2012 and analyzed on 10/09/2012.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-45537-1 through 460-45537-3 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/11/2012 and 10/12/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 131656 were outside control limits 1,2-Dibromo-3-chloropropane. The MSD recoveries were also outside control limits for trans-1,3-Dichloropropene and Methyl tert-butyl ether. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

1,2-Dibromo-3-Chloropropane failed the recovery criteria high for the MS of sample 460-45537-2 in batch 460-131656.

1,2-Dibromo-3-Chloropropane, Methyl tert-butyl ether and trans-1,3-Dichloropropene failed the recovery criteria high for the MSD of sample 460-45537-2 in batch 460-131656.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-45537-1	WC-17338-100512-MW14-MM-251	Water	10/05/2012 1000	10/05/2012 1910
460-45537-2	WC-17338-100512-MW101-MM-252	Water	10/05/2012 1230	10/05/2012 1910
460-45537-3TB	TB-17338-100512-253	Water	10/05/2012 0000	10/05/2012 1910

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-45537-1	**WC-17338-100512-MW14-MM-251**					
Methyl tert-butyl ether		0.17	J	1.0	ug/L	8260B
Toluene		0.17	J	1.0	ug/L	8260B
Tetrachloroethene		0.28	J	1.0	ug/L	8260B
460-45537-2	**WC-17338-100512-MW101-MM-252**					
Methyl tert-butyl ether		0.20	J	1.0	ug/L	8260B
460-45537-3TB	**TB-17338-100512-253**					
Methylene Chloride		0.74	J	1.0	ug/L	8260B
Chloroform		0.096	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Polychlorinated Biphenyls (PCBs) (GC)	TAL EDI	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C

Lab References:

TAL EDI = TestAmerica Edison

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8082	Boykin, Carol B	CBB

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW14-MM-251**

Lab Sample ID: 460-45537-1 Date Sampled: 10/05/2012 1000
Client Matrix: Water Date Received: 10/05/2012 1910

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08983.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2341			Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2341				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.17	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.10	U	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.17	J	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.28	J	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.36	U	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW14-MM-251**

Lab Sample ID: 460-45537-1 Date Sampled: 10/05/2012 1000
Client Matrix: Water Date Received: 10/05/2012 1910

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08983.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2341			Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2341				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW14-MM-251**

Lab Sample ID: 460-45537-1 Date Sampled: 10/05/2012 1000
Client Matrix: Water Date Received: 10/05/2012 1910

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08983.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2341			Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2341				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW101-MM-252**

Lab Sample ID: 460-45537-2 Date Sampled: 10/05/2012 1230
Client Matrix: Water Date Received: 10/05/2012 1910

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08984.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/12/2012 0004			Final Weight/Volume:	5 mL
Prep Date:	10/12/2012 0004				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.20	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.10	U	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.36	U	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW101-MM-252**

Lab Sample ID: 460-45537-2 Date Sampled: 10/05/2012 1230
Client Matrix: Water Date Received: 10/05/2012 1910

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08984.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/12/2012 0004			Final Weight/Volume:	5 mL
Prep Date:	10/12/2012 0004				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	98		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW101-MM-252**

Lab Sample ID: 460-45537-2 Date Sampled: 10/05/2012 1230
Client Matrix: Water Date Received: 10/05/2012 1910

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08984.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/12/2012 0004			Final Weight/Volume:	5 mL
Prep Date:	10/12/2012 0004				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **TB-17338-100512-253**

Lab Sample ID: 460-45537-3TB Date Sampled: 10/05/2012 0000
Client Matrix: Water Date Received: 10/05/2012 1910

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08982.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2317			Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2317				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.74	J	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.096	J	0.080	1.0
Ethylbenzene	0.10	U	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.36	U	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **TB-17338-100512-253**

Lab Sample ID: 460-45537-3TB Date Sampled: 10/05/2012 0000
Client Matrix: Water Date Received: 10/05/2012 1910

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08982.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2317			Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2317				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **TB-17338-100512-253**

Lab Sample ID: 460-45537-3TB Date Sampled: 10/05/2012 0000
Client Matrix: Water Date Received: 10/05/2012 1910

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08982.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2317			Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2317				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW14-MM-251**

Lab Sample ID: 460-45537-1 Date Sampled: 10/05/2012 1000
Client Matrix: Water Date Received: 10/05/2012 1910

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-131137	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-130997	Initial Weight/Volume:	980 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/09/2012 0029			Injection Volume:	
Prep Date:	10/08/2012 0755			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.13	U	0.13	0.51
PCB-1221	0.29	U	0.29	0.51
PCB-1232	0.12	U	0.12	0.51
PCB-1242	0.12	U	0.12	0.51
PCB-1248	0.24	U	0.24	0.51
PCB-1254	0.17	U	0.17	0.51
PCB-1260	0.15	U	0.15	0.51

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		37 - 150

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW14-MM-251**

Lab Sample ID: 460-45537-1 Date Sampled: 10/05/2012 1000
Client Matrix: Water Date Received: 10/05/2012 1910

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-131137	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-130997	Initial Weight/Volume:	980 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/09/2012 0029			Injection Volume:	
Prep Date:	10/08/2012 0755			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		37 - 150

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW101-MM-252**

Lab Sample ID: 460-45537-2 Date Sampled: 10/05/2012 1230
Client Matrix: Water Date Received: 10/05/2012 1910

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-131137	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-130997	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/09/2012 0045			Injection Volume:	
Prep Date:	10/08/2012 0755			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.13	U	0.13	0.51
PCB-1221	0.28	U	0.28	0.51
PCB-1232	0.12	U	0.12	0.51
PCB-1242	0.12	U	0.12	0.51
PCB-1248	0.24	U	0.24	0.51
PCB-1254	0.17	U	0.17	0.51
PCB-1260	0.15	U	0.15	0.51

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	52		37 - 150

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Client Sample ID: **WC-17338-100512-MW101-MM-252**

Lab Sample ID: 460-45537-2 Date Sampled: 10/05/2012 1230
Client Matrix: Water Date Received: 10/05/2012 1910

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-131137	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-130997	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/09/2012 0045			Injection Volume:	
Prep Date:	10/08/2012 0755			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	50		37 - 150

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Surrogate Recovery Report

8260B Volatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-45537-1	WC-17338-100512-MW14-MM-251	97	96	99
460-45537-2	WC-17338-100512-MW101-MM-252	97	97	98
460-45537-3	TB-17338-100512-253	97	97	99
MB 460-131656/4		99	96	95
LCS 460-131656/3		96	99	97
460-45537-2 MS	WC-17338-100512-MW101-MM-252 MS	96	99	99
460-45537-2 MSD	WC-17338-100512-MW101-MM-252 MSD	96	99	97

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-45537-1	WC-17338-100512-M W14-MM-251	82	83
460-45537-2	WC-17338-100512-M W101-MM-252	52	50
MB 460-130997/1-A		97	88
LCS 460-130997/2-A		91	84
LCSD 460-130997/3-A		108	99

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	37-150

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Method Blank - Batch: 460-131656

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-131656/4	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08981.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2247	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2247				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.10	U	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.36	U	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Method Blank - Batch: 460-131656

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-131656/4	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08981.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2247	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2247				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 130
4-Bromofluorobenzene	95	70 - 130
Toluene-d8 (Surr)	96	70 - 130

Method Blank TICs- Batch: 460-131656

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Lab Control Sample - Batch: 460-131656

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-131656/3	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08977.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2113	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2113				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	21.0	105	74 - 128	
Dichlorodifluoromethane	20.0	18.1	90	46 - 145	
Chloromethane	20.0	21.0	105	58 - 146	
Vinyl chloride	20.0	20.3	101	61 - 144	
Bromomethane	20.0	21.1	105	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	22.2	111	70 - 116	
1,2-Dichlorobenzene	20.0	20.9	104	82 - 122	
Trichlorofluoromethane	20.0	19.0	95	69 - 147	
1,1-Dichloroethene	20.0	22.3	112	56 - 139	
1,2-Dichloropropane	20.0	21.1	106	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3	102	47 - 139	
Acetone	20.0	25.0	125	45 - 156	
Carbon disulfide	20.0	21.8	109	58 - 139	
Methyl acetate	20.0	22.0	110	50 - 151	
Methylene Chloride	20.0	20.0	100	79 - 119	
trans-1,2-Dichloroethene	20.0	21.6	108	75 - 122	
Chlorodibromomethane	20.0	21.7	109	80 - 120	
Methyl tert-butyl ether	20.0	20.7	104	71 - 115	
Chloroethane	20.0	20.1	101	69 - 145	
1,1-Dichloroethane	20.0	20.4	102	78 - 122	
cis-1,2-Dichloroethene	20.0	21.1	106	80 - 120	
2-Butanone (MEK)	20.0	21.4	107	65 - 114	
Chloroform	20.0	20.5	103	82 - 123	
Ethylbenzene	20.0	20.6	103	79 - 126	
Cyclohexane	20.0	20.8	104	58 - 133	
Carbon tetrachloride	20.0	21.1	105	73 - 120	
Benzene	20.0	21.2	106	83 - 124	
1,2-Dichloroethane	20.0	20.4	102	74 - 118	
Trichloroethene	20.0	21.2	106	78 - 119	
Methylcyclohexane	20.0	21.5	107	61 - 129	
Dichlorobromomethane	20.0	21.4	107	79 - 119	
cis-1,3-Dichloropropene	20.0	21.6	108	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	21.4	107	53 - 120	
Toluene	20.0	20.5	103	80 - 120	
trans-1,3-Dichloropropene	20.0	21.5	108	78 - 118	
1,1,2-Trichloroethane	20.0	21.7	109	79 - 119	
Tetrachloroethene	20.0	21.0	105	68 - 139	
2-Hexanone	20.0	20.1	100	53 - 121	
1,2-Dibromoethane	20.0	21.5	107	78 - 118	
Chlorobenzene	20.0	20.6	103	81 - 121	
Xylenes, Total	60.0	61.2	102	76 - 121	
Styrene	20.0	20.7	104	69 - 112	
Bromoform	20.0	21.7	109	73 - 123	
Isopropylbenzene	20.0	20.7	104	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	21.0	105	74 - 126	
1,3-Dichlorobenzene	20.0	20.4	102	81 - 126	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Lab Control Sample - Batch: 460-131656

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-131656/3	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08977.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/11/2012 2113	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/11/2012 2113				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	20.4	102	83 - 123	
1,2,4-Trichlorobenzene	20.0	22.0	110	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
4-Bromofluorobenzene	97	70 - 130
Toluene-d8 (Surr)	99	70 - 130

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131656

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45537-2	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08985.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/12/2012 0027			Final Weight/Volume:	5 mL
Prep Date:	10/12/2012 0027				
Leach Date:	N/A				

MSD Lab Sample ID:	460-45537-2	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08986.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/12/2012 0051			Final Weight/Volume:	5 mL
Prep Date:	10/12/2012 0051				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	103	106	74 - 128	3	30		
Dichlorodifluoromethane	87	90	46 - 145	4	30		
Chloromethane	102	101	58 - 146	0	30		
Vinyl chloride	104	105	61 - 144	0	30		
Bromomethane	107	105	55 - 153	2	30		
1,2-Dibromo-3-Chloropropane	121	121	70 - 116	0	30	F	F
1,2-Dichlorobenzene	107	111	82 - 122	3	30		
Trichlorofluoromethane	121	100	69 - 147	19	30		
1,1-Dichloroethene	108	119	56 - 139	9	30		
1,2-Dichloropropane	111	110	80 - 120	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	102	111	47 - 139	8	30		
Acetone	99	101	45 - 156	2	30		
Carbon disulfide	113	119	58 - 139	5	30		
Methyl acetate	100	101	50 - 151	1	30		
Methylene Chloride	106	106	79 - 119	0	30		
trans-1,2-Dichloroethene	106	108	75 - 122	2	30		
Chlorodibromomethane	116	118	80 - 120	2	30		
Methyl tert-butyl ether	114	116	71 - 115	1	30		F
Chloroethane	116	105	69 - 145	10	30		
1,1-Dichloroethane	104	111	78 - 122	7	30		
cis-1,2-Dichloroethene	105	109	80 - 120	4	30		
2-Butanone (MEK)	111	114	65 - 114	3	30		
Chloroform	108	113	82 - 123	4	30		
Ethylbenzene	107	111	79 - 126	3	30		
Cyclohexane	108	117	58 - 133	7	30		
Carbon tetrachloride	105	110	73 - 120	5	30		
Benzene	106	114	83 - 124	7	30		
1,2-Dichloroethane	107	109	74 - 118	2	30		
Trichloroethene	107	113	78 - 119	5	30		
Methylcyclohexane	115	121	61 - 129	5	30		
Dichlorobromomethane	113	116	79 - 119	3	30		
cis-1,3-Dichloropropene	109	115	80 - 120	5	30		
4-Methyl-2-pentanone (MIBK)	111	114	53 - 120	3	30		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131656

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45537-2	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08985.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/12/2012 0027			Final Weight/Volume:	5 mL
Prep Date:	10/12/2012 0027				
Leach Date:	N/A				

MSD Lab Sample ID:	460-45537-2	Analysis Batch:	460-131656	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08986.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/12/2012 0051			Final Weight/Volume:	5 mL
Prep Date:	10/12/2012 0051				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Toluene	106	111	80 - 120	5	30		
trans-1,3-Dichloropropene	113	119	78 - 118	5	30		F
1,1,2-Trichloroethane	112	116	79 - 119	3	30		
Tetrachloroethene	110	116	68 - 139	5	30		
2-Hexanone	109	111	53 - 121	2	30		
1,2-Dibromoethane	116	117	78 - 118	1	30		
Chlorobenzene	107	111	81 - 121	3	30		
Xylenes, Total	106	110	76 - 121	3	30		
Styrene	107	110	69 - 112	3	30		
Bromoform	115	114	73 - 123	1	30		
Isopropylbenzene	107	111	80 - 125	4	30		
1,1,2,2-Tetrachloroethane	115	116	74 - 126	0	30		
1,3-Dichlorobenzene	106	110	81 - 126	4	30		
1,4-Dichlorobenzene	106	110	83 - 123	4	30		
1,2,4-Trichlorobenzene	110	119	66 - 120	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	96	70 - 130
4-Bromofluorobenzene	99	97	70 - 130
Toluene-d8 (Surr)	99	99	70 - 130

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131656

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45537-2	Units:	ug/L	MSD Lab Sample ID:	460-45537-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	5.0			Dilution:	5.0
Analysis Date:	10/12/2012 0027			Analysis Date:	10/12/2012 0051
Prep Date:	10/12/2012 0027			Prep Date:	10/12/2012 0051
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	0.060	U	100	100	103		106	
Dichlorodifluoromethane	0.22	U	100	100	86.5		89.6	
Chloromethane	0.10	U	100	100	102		101	
Vinyl chloride	0.14	U	100	100	104		105	
Bromomethane	0.18	U	100	100	107		105	
1,2-Dibromo-3-Chloropropane	0.40	U	100	100	121	F	121	F
1,2-Dichlorobenzene	0.21	U	100	100	107		111	
Trichlorofluoromethane	0.15	U	100	100	121		99.7	
1,1-Dichloroethene	0.090	U	100	100	108		119	
1,2-Dichloropropane	0.090	U	100	100	111		110	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	100	100	102		111	
Acetone	2.7	U	100	100	98.6		101	
Carbon disulfide	0.13	U	100	100	113		119	
Methyl acetate	0.34	U	100	100	100		101	
Methylene Chloride	0.18	U	100	100	106		106	
trans-1,2-Dichloroethene	0.13	U	100	100	106		108	
Chlorodibromomethane	0.20	U	100	100	116		118	
Methyl tert-butyl ether	0.20	J	100	100	114		116	F
Chloroethane	0.17	U	100	100	116		105	
1,1-Dichloroethane	0.13	U	100	100	104		111	
cis-1,2-Dichloroethene	0.18	U	100	100	105		109	
2-Butanone (MEK)	2.3	U	100	100	111		114	
Chloroform	0.080	U	100	100	108		113	
Ethylbenzene	0.10	U	100	100	107		111	
Cyclohexane	0.16	U	100	100	108		117	
Carbon tetrachloride	0.060	U	100	100	105		110	
Benzene	0.080	U	100	100	106		114	
1,2-Dichloroethane	0.19	U	100	100	107		109	
Trichloroethene	0.090	U	100	100	107		113	
Methylcyclohexane	0.14	U	100	100	115		121	
Dichlorobromomethane	0.12	U	100	100	113		116	
cis-1,3-Dichloropropene	0.18	U	100	100	109		115	
4-Methyl-2-pentanone (MIBK)	0.99	U	100	100	111		114	
Toluene	0.15	U	100	100	106		111	
trans-1,3-Dichloropropene	0.24	U	100	100	113		119	F
1,1,2-Trichloroethane	0.19	U	100	100	112		116	
Tetrachloroethene	0.10	U	100	100	110		116	
2-Hexanone	0.50	U	100	100	109		111	
1,2-Dibromoethane	0.28	U	100	100	116		117	
Chlorobenzene	0.11	U	100	100	107		111	
Xylenes, Total	0.36	U	300	300	318		329	
Styrene	0.12	U	100	100	107		110	
Bromoform	0.19	U	100	100	115		114	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131656

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45537-2	Units:	ug/L	MSD Lab Sample ID:	460-45537-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	5.0			Dilution:	5.0
Analysis Date:	10/12/2012 0027			Analysis Date:	10/12/2012 0051
Prep Date:	10/12/2012 0027			Prep Date:	10/12/2012 0051
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isopropylbenzene	0.080	U	100	100	107	111
1,1,2,2-Tetrachloroethane	0.16	U	100	100	115	116
1,3-Dichlorobenzene	0.14	U	100	100	106	110
1,4-Dichlorobenzene	0.23	U	100	100	106	110
1,2,4-Trichlorobenzene	0.34	U	100	100	110	119

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Method Blank - Batch: 460-130997

Method: 8082
Preparation: 3510C

Lab Sample ID:	MB 460-130997/1-A	Analysis Batch:	460-131137	Instrument ID:	PESTGC9
Client Matrix:	Water	Prep Batch:	460-130997	Lab File ID:	vr479496.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/08/2012 2208	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/08/2012 0755			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	0.13	U	0.13	0.50
PCB-1221	0.28	U	0.28	0.50
PCB-1232	0.12	U	0.12	0.50
PCB-1242	0.12	U	0.12	0.50
PCB-1248	0.24	U	0.24	0.50
PCB-1254	0.17	U	0.17	0.50
PCB-1260	0.15	U	0.15	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	88	37 - 150

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-130997

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-130997/2-A	Analysis Batch:	460-131137	Instrument ID:	PESTGC9
Client Matrix:	Water	Prep Batch:	460-130997	Lab File ID:	vf479497.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/08/2012 2224	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/08/2012 0755			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-130997/3-A	Analysis Batch:	460-131137	Instrument ID:	PESTGC9
Client Matrix:	Water	Prep Batch:	460-130997	Lab File ID:	vf479498.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/08/2012 2239	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/08/2012 0755			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	101	103	71 - 126	2	30		
PCB-1260	115	119	73 - 130	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	91	108	37 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-130997

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-130997/2-A	Analysis Batch:	460-131137	Instrument ID:	PESTGC9
Client Matrix:	Water	Prep Batch:	460-130997	Lab File ID:	vr479497.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/08/2012 2224	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/08/2012 0755			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-130997/3-A	Analysis Batch:	460-131137	Instrument ID:	PESTGC9
Client Matrix:	Water	Prep Batch:	460-130997	Lab File ID:	vr479498.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/08/2012 2239	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/08/2012 0755			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	97	99	71 - 126	3	30		
PCB-1260	111	117	73 - 130	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	99	37 - 150

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-130997

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-130997/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-130997/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/08/2012 2224			Analysis Date:	10/08/2012 2239
Prep Date:	10/08/2012 0755			Prep Date:	10/08/2012 0755
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	5.07	5.16
PCB-1260	5.00	5.00	5.73	5.95

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-130997

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-130997/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-130997/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/08/2012 2224			Analysis Date:	10/08/2012 2239
Prep Date:	10/08/2012 0755			Prep Date:	10/08/2012 0755
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	4.83	4.97
PCB-1260	5.00	5.00	5.57	5.83

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-131656					
LCS 460-131656/3	Lab Control Sample	T	Water	8260B	
MB 460-131656/4	Method Blank	T	Water	8260B	
460-45537-1	WC-17338-100512-MW14-MM-251	T	Water	8260B	
460-45537-2	WC-17338-100512-MW101-MM-252	T	Water	8260B	
460-45537-2MS	Matrix Spike	T	Water	8260B	
460-45537-2MSD	Matrix Spike Duplicate	T	Water	8260B	
460-45537-3TB	TB-17338-100512-253	T	Water	8260B	

Report Basis
T = Total

GC Semi VOA					
Prep Batch: 460-130997					
LCS 460-130997/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-130997/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-130997/1-A	Method Blank	T	Water	3510C	
460-45537-1	WC-17338-100512-MW14-MM-251	T	Water	3510C	
460-45537-2	WC-17338-100512-MW101-MM-252	T	Water	3510C	
Analysis Batch:460-131137					
LCS 460-130997/2-A	Lab Control Sample	T	Water	8082	460-130997
LCSD 460-130997/3-A	Lab Control Sample Duplicate	T	Water	8082	460-130997
MB 460-130997/1-A	Method Blank	T	Water	8082	460-130997
460-45537-1	WC-17338-100512-MW14-MM-251	T	Water	8082	460-130997
460-45537-2	WC-17338-100512-MW101-MM-252	T	Water	8082	460-130997

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Laboratory Chronicle

Lab ID: 460-45537-1 **Client ID:** WC-17338-100512-MW14-MM-251

Sample Date/Time: 10/05/2012 10:00 Received Date/Time: 10/05/2012 19:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45537-A-1		460-131656		10/11/2012 23:41	1	TAL EDI	KB
A:8260B	460-45537-A-1		460-131656		10/11/2012 23:41	1	TAL EDI	KB
P:3510C	460-45537-E-1-B		460-131137	460-130997	10/08/2012 07:55	1	TAL EDI	HW
A:8082	460-45537-E-1-B		460-131137	460-130997	10/09/2012 00:29	1	TAL EDI	CBB

Lab ID: 460-45537-2 **Client ID:** WC-17338-100512-MW101-MM-252

Sample Date/Time: 10/05/2012 12:30 Received Date/Time: 10/05/2012 19:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45537-A-2		460-131656		10/12/2012 00:04	1	TAL EDI	KB
A:8260B	460-45537-A-2		460-131656		10/12/2012 00:04	1	TAL EDI	KB
P:3510C	460-45537-E-2-A		460-131137	460-130997	10/08/2012 07:55	1	TAL EDI	HW
A:8082	460-45537-E-2-A		460-131137	460-130997	10/09/2012 00:45	1	TAL EDI	CBB

Lab ID: 460-45537-2 MS **Client ID:** WC-17338-100512-MW101-MM-252

Sample Date/Time: 10/05/2012 12:30 Received Date/Time: 10/05/2012 19:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45537-C-2 MS		460-131656		10/12/2012 00:27	5	TAL EDI	KB
A:8260B	460-45537-C-2 MS		460-131656		10/12/2012 00:27	5	TAL EDI	KB

Lab ID: 460-45537-2 MSD **Client ID:** WC-17338-100512-MW101-MM-252

Sample Date/Time: 10/05/2012 12:30 Received Date/Time: 10/05/2012 19:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45537-C-2 MSD		460-131656		10/12/2012 00:51	5	TAL EDI	KB
A:8260B	460-45537-C-2 MSD		460-131656		10/12/2012 00:51	5	TAL EDI	KB

Lab ID: 460-45537-3 **Client ID:** TB-17338-100512-253

Sample Date/Time: 10/05/2012 00:00 Received Date/Time: 10/05/2012 19:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45537-A-3		460-131656		10/11/2012 23:17	1	TAL EDI	KB
A:8260B	460-45537-A-3		460-131656		10/11/2012 23:17	1	TAL EDI	KB

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-45537-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-131656/4		460-131656		10/11/2012 22:47	1	TAL EDI	KB
A:8260B	MB 460-131656/4		460-131656		10/11/2012 22:47	1	TAL EDI	KB
P:3510C	MB 460-130997/1-A		460-131137	460-130997	10/08/2012 07:55	1	TAL EDI	HW
A:8082	MB 460-130997/1-A		460-131137	460-130997	10/08/2012 22:08	1	TAL EDI	CBB

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-131656/3		460-131656		10/11/2012 21:13	1	TAL EDI	KB
A:8260B	LCS 460-131656/3		460-131656		10/11/2012 21:13	1	TAL EDI	KB
P:3510C	LCS 460-130997/2-A		460-131137	460-130997	10/08/2012 07:55	1	TAL EDI	HW
A:8082	LCS 460-130997/2-A		460-131137	460-130997	10/08/2012 22:24	1	TAL EDI	CBB

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	LCSD 460-130997/3-A		460-131137	460-130997	10/08/2012 07:55	1	TAL EDI	HW
A:8082	LCSD 460-130997/3-A		460-131137	460-130997	10/08/2012 22:39	1	TAL EDI	CBB

Lab References:
TAL EDI = TestAmerica Edison

Method 8260 DEL

Volatile Organics (GC/MS) by Method 8260 (Delaware)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-VMS ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
WC-17338-100512-MW 14-MM-251	460-45537-1	97	96	99
WC-17338-100512-MW 101-MM-252	460-45537-2	97	97	98
TB-17338-100512-25 3	460-45537-3	97	97	99
	MB 460-131656/4	99	96	95
	LCS 460-131656/3	96	99	97
WC-17338-100512-MW 101-MM-252 MS	460-45537-2 MS	96	99	99
WC-17338-100512-MW 101-MM-252 MSD	460-45537-2 MSD	96	99	97

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e08977.d

Lab ID: LCS 460-131656/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.0	105	74-128	
Dichlorodifluoromethane	20.0	18.1	90	46-145	
Chloromethane	20.0	21.0	105	58-146	
Vinyl chloride	20.0	20.3	101	61-144	
Bromomethane	20.0	21.1	105	55-153	
1,2-Dibromo-3-Chloropropane	20.0	22.2	111	70-116	
1,2-Dichlorobenzene	20.0	20.9	104	82-122	
Trichlorofluoromethane	20.0	19.0	95	69-147	
1,1-Dichloroethene	20.0	22.3	112	56-139	
1,2-Dichloropropane	20.0	21.1	106	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3	102	47-139	
Acetone	20.0	25.0	125	45-156	
Carbon disulfide	20.0	21.8	109	58-139	
Methyl acetate	20.0	22.0	110	50-151	
Methylene Chloride	20.0	20.0	100	79-119	
trans-1,2-Dichloroethene	20.0	21.6	108	75-122	
Chlorodibromomethane	20.0	21.7	109	80-120	
Methyl tert-butyl ether	20.0	20.7	104	71-115	
Chloroethane	20.0	20.1	101	69-145	
1,1-Dichloroethane	20.0	20.4	102	78-122	
cis-1,2-Dichloroethene	20.0	21.1	106	80-120	
2-Butanone (MEK)	20.0	21.4	107	65-114	
Chloroform	20.0	20.5	103	82-123	
Ethylbenzene	20.0	20.6	103	79-126	
Cyclohexane	20.0	20.8	104	58-133	
Carbon tetrachloride	20.0	21.1	105	73-120	
Benzene	20.0	21.2	106	83-124	
1,2-Dichloroethane	20.0	20.4	102	74-118	
Trichloroethene	20.0	21.2	106	78-119	
Methylcyclohexane	20.0	21.5	107	61-129	
Dichlorobromomethane	20.0	21.4	107	79-119	
cis-1,3-Dichloropropene	20.0	21.6	108	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	21.4	107	53-120	
Toluene	20.0	20.5	103	80-120	
trans-1,3-Dichloropropene	20.0	21.5	108	78-118	
1,1,2-Trichloroethane	20.0	21.7	109	79-119	
Tetrachloroethene	20.0	21.0	105	68-139	
2-Hexanone	20.0	20.1	100	53-121	
1,2-Dibromoethane	20.0	21.5	107	78-118	
Chlorobenzene	20.0	20.6	103	81-121	
Xylenes, Total	60.0	61.2	102	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e08977.d

Lab ID: LCS 460-131656/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	20.7	104	69-112	
Bromoform	20.0	21.7	109	73-123	
Isopropylbenzene	20.0	20.7	104	80-125	
1,1,2,2-Tetrachloroethane	20.0	21.0	105	74-126	
1,3-Dichlorobenzene	20.0	20.4	102	81-126	
1,4-Dichlorobenzene	20.0	20.4	102	83-123	
1,2,4-Trichlorobenzene	20.0	22.0	110	66-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e08985.d

Lab ID: 460-45537-2 MS Client ID: WC-17338-100512-MW101-MM-252 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	100	0.060 U	103	103	74-128	
Dichlorodifluoromethane	100	0.22 U	86.5	87	46-145	
Chloromethane	100	0.10 U	102	102	58-146	
Vinyl chloride	100	0.14 U	104	104	61-144	
Bromomethane	100	0.18 U	107	107	55-153	
1,2-Dibromo-3-Chloropropane	100	0.40 U	121	121	70-116	F
1,2-Dichlorobenzene	100	0.21 U	107	107	82-122	
Trichlorofluoromethane	100	0.15 U	121	121	69-147	
1,1-Dichloroethene	100	0.090 U	108	108	56-139	
1,2-Dichloropropane	100	0.090 U	111	111	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	100	0.080 U	102	102	47-139	
Acetone	100	2.7 U	98.6	99	45-156	
Carbon disulfide	100	0.13 U	113	113	58-139	
Methyl acetate	100	0.34 U	100	100	50-151	
Methylene Chloride	100	0.18 U	106	106	79-119	
trans-1,2-Dichloroethene	100	0.13 U	106	106	75-122	
Chlorodibromomethane	100	0.20 U	116	116	80-120	
Methyl tert-butyl ether	100	0.20 J	114	114	71-115	
Chloroethane	100	0.17 U	116	116	69-145	
1,1-Dichloroethane	100	0.13 U	104	104	78-122	
cis-1,2-Dichloroethene	100	0.18 U	105	105	80-120	
2-Butanone (MEK)	100	2.3 U	111	111	65-114	
Chloroform	100	0.080 U	108	108	82-123	
Ethylbenzene	100	0.10 U	107	107	79-126	
Cyclohexane	100	0.16 U	108	108	58-133	
Carbon tetrachloride	100	0.060 U	105	105	73-120	
Benzene	100	0.080 U	106	106	83-124	
1,2-Dichloroethane	100	0.19 U	107	107	74-118	
Trichloroethene	100	0.090 U	107	107	78-119	
Methylcyclohexane	100	0.14 U	115	115	61-129	
Dichlorobromomethane	100	0.12 U	113	113	79-119	
cis-1,3-Dichloropropene	100	0.18 U	109	109	80-120	
4-Methyl-2-pentanone (MIBK)	100	0.99 U	111	111	53-120	
Toluene	100	0.15 U	106	106	80-120	
trans-1,3-Dichloropropene	100	0.24 U	113	113	78-118	
1,1,2-Trichloroethane	100	0.19 U	112	112	79-119	
Tetrachloroethene	100	0.10 U	110	110	68-139	
2-Hexanone	100	0.50 U	109	109	53-121	
1,2-Dibromoethane	100	0.28 U	116	116	78-118	
Chlorobenzene	100	0.11 U	107	107	81-121	
Xylenes, Total	300	0.36 U	318	106	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e08985.d

Lab ID: 460-45537-2 MS Client ID: WC-17338-100512-MW101-MM-252 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	100	0.12 U	107	107	69-112	
Bromoform	100	0.19 U	115	115	73-123	
Isopropylbenzene	100	0.080 U	107	107	80-125	
1,1,2,2-Tetrachloroethane	100	0.16 U	115	115	74-126	
1,3-Dichlorobenzene	100	0.14 U	106	106	81-126	
1,4-Dichlorobenzene	100	0.23 U	106	106	83-123	
1,2,4-Trichlorobenzene	100	0.34 U	110	110	66-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e08986.d

Lab ID: 460-45537-2 MSD Client ID: WC-17338-100512-MW101-MM-252

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	100	106	106	3	30	74-128	
Dichlorodifluoromethane	100	89.6	90	4	30	46-145	
Chloromethane	100	101	101	0	30	58-146	
Vinyl chloride	100	105	105	0	30	61-144	
Bromomethane	100	105	105	2	30	55-153	
1,2-Dibromo-3-Chloropropane	100	121	121	0	30	70-116	F
1,2-Dichlorobenzene	100	111	111	3	30	82-122	
Trichlorofluoromethane	100	99.7	100	19	30	69-147	
1,1-Dichloroethene	100	119	119	9	30	56-139	
1,2-Dichloropropane	100	110	110	0	30	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	100	111	111	8	30	47-139	
Acetone	100	101	101	2	30	45-156	
Carbon disulfide	100	119	119	5	30	58-139	
Methyl acetate	100	101	101	1	30	50-151	
Methylene Chloride	100	106	106	0	30	79-119	
trans-1,2-Dichloroethene	100	108	108	2	30	75-122	
Chlorodibromomethane	100	118	118	2	30	80-120	
Methyl tert-butyl ether	100	116	116	1	30	71-115	F
Chloroethane	100	105	105	10	30	69-145	
1,1-Dichloroethane	100	111	111	7	30	78-122	
cis-1,2-Dichloroethene	100	109	109	4	30	80-120	
2-Butanone (MEK)	100	114	114	3	30	65-114	
Chloroform	100	113	113	4	30	82-123	
Ethylbenzene	100	111	111	3	30	79-126	
Cyclohexane	100	117	117	7	30	58-133	
Carbon tetrachloride	100	110	110	5	30	73-120	
Benzene	100	114	114	7	30	83-124	
1,2-Dichloroethane	100	109	109	2	30	74-118	
Trichloroethene	100	113	113	5	30	78-119	
Methylcyclohexane	100	121	121	5	30	61-129	
Dichlorobromomethane	100	116	116	3	30	79-119	
cis-1,3-Dichloropropene	100	115	115	5	30	80-120	
4-Methyl-2-pentanone (MIBK)	100	114	114	3	30	53-120	
Toluene	100	111	111	5	30	80-120	
trans-1,3-Dichloropropene	100	119	119	5	30	78-118	F
1,1,2-Trichloroethane	100	116	116	3	30	79-119	
Tetrachloroethene	100	116	116	5	30	68-139	
2-Hexanone	100	111	111	2	30	53-121	
1,2-Dibromoethane	100	117	117	1	30	78-118	
Chlorobenzene	100	111	111	3	30	81-121	
Xylenes, Total	300	329	110	3	30	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e08986.d

Lab ID: 460-45537-2 MSD Client ID: WC-17338-100512-MW101-MM-252

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	100	110	110	3	30	69-112	
Bromoform	100	114	114	1	30	73-123	
Isopropylbenzene	100	111	111	4	30	80-125	
1,1,2,2-Tetrachloroethane	100	116	116	0	30	74-126	
1,3-Dichlorobenzene	100	110	110	4	30	81-126	
1,4-Dichlorobenzene	100	110	110	4	30	83-123	
1,2,4-Trichlorobenzene	100	119	119	8	30	66-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab File ID: e08981.d Lab Sample ID: MB 460-131656/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS5 Date Analyzed: 10/11/2012 22:47

GC Column: Rtx-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-131656/3	e08977.d	10/11/2012 21:13
TB-17338-100512-253	460-45537-3	e08982.d	10/11/2012 23:17
WC-17338-100512-MW14-MM-251	460-45537-1	e08983.d	10/11/2012 23:41
WC-17338-100512-MW101-MM-252	460-45537-2	e08984.d	10/12/2012 00:04
WC-17338-100512-MW101-MM-252 MS	460-45537-2 MS	e08985.d	10/12/2012 00:27
WC-17338-100512-MW101-MM-252 MSD	460-45537-2 MSD	e08986.d	10/12/2012 00:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab File ID: e07834.d BFB Injection Date: 09/17/2012

Instrument ID: VOAMS5 BFB Injection Time: 03:24

Analysis Batch No.: 128076

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.9	
75	30.0 - 60.0 % of mass 95	52.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	79.6	
175	5.0 - 9.0 % of mass 174	6.6	(8.3)1
176	95.0 - 101.0 % of mass 174	76.1	(95.7)1
177	5.0 - 9.0 % of mass 176	4.8	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-128076/2	e07836.d	09/17/2012	04:49
	IC 460-128076/3	e07838.d	09/17/2012	05:36
	ICIS 460-128076/4	e07839.d	09/17/2012	06:00
	IC 460-128076/5	e07840.d	09/17/2012	06:23
	IC 460-128076/6	e07841.d	09/17/2012	06:46
	IC 460-128076/7	e07842.d	09/17/2012	07:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab File ID: e08975.d BFB Injection Date: 10/11/2012

Instrument ID: VOAMS5 BFB Injection Time: 20:08

Analysis Batch No.: 131656

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.8	
75	30.0 - 60.0 % of mass 95	51.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.7	(0.7)1
174	50.0 - 120.00 % of mass 95	89.6	
175	5.0 - 9.0 % of mass 174	7.2	(8.0)1
176	95.0 - 101.0 % of mass 174	87.2	(97.3)1
177	5.0 - 9.0 % of mass 176	5.3	(6.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-131656/2	e08976.d	10/11/2012	20:50
	LCS 460-131656/3	e08977.d	10/11/2012	21:13
	MB 460-131656/4	e08981.d	10/11/2012	22:47
TB-17338-100512-253	460-45537-3	e08982.d	10/11/2012	23:17
WC-17338-100512-MW14-MM-251	460-45537-1	e08983.d	10/11/2012	23:41
WC-17338-100512-MW101-MM-252	460-45537-2	e08984.d	10/12/2012	00:04
WC-17338-100512-MW101-MM-252 MS	460-45537-2 MS	e08985.d	10/12/2012	00:27
WC-17338-100512-MW101-MM-252 MSD	460-45537-2 MSD	e08986.d	10/12/2012	00:51
	CCV 460-131656/10	e08987.d	10/12/2012	01:14

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Sample No.: CCVIS 460-131656/2 Date Analyzed: 10/11/2012 20:50

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): e08976.d Heated Purge: (Y/N) N

Calibration ID: 17515

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1312656	3.60	1157341	6.95	667834	10.47
UPPER LIMIT		2625312	4.10	2314682	7.45	1335668	10.97
LOWER LIMIT		656328	3.10	578671	6.45	333917	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-131656/3		1318918	3.60	1146590	6.95	683882	10.47
MB 460-131656/4		1238441	3.60	1084553	6.95	638826	10.47
460-45537-3	TB-17338-100512-253	1280000	3.59	1135339	6.95	646856	10.47
460-45537-1	WC-17338-100512-MW14-MM-251	1242225	3.59	1119807	6.95	641810	10.47
460-45537-2	WC-17338-100512-MW101-MM-252	1247617	3.60	1105330	6.95	633816	10.47
460-45537-2 MS	WC-17338-100512-MW101-MM-252 MS	1234975	3.59	1102789	6.95	642491	10.47
460-45537-2 MSD	WC-17338-100512-MW101-MM-252 MSD	1296388	3.60	1119645	6.95	654839	10.47
CCV 460-131656/10		1274024	3.59	1125053	6.95	665092	10.47

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW14-MM-2 Lab Sample ID: 460-45537-1

Matrix: Water Lab File ID: e08983.d

Analysis Method: 8260B Date Collected: 10/05/2012 10:00

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 23:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.17	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.17	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW14-MM-2 Lab Sample ID: 460-45537-1

Matrix: Water Lab File ID: e08983.d

Analysis Method: 8260B Date Collected: 10/05/2012 10:00

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 23:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.28	J	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW14-MM-2 Lab Sample ID: 460-45537-1

Matrix: Water Lab File ID: e08983.d

Analysis Method: 8260B Date Collected: 10/05/2012 10:00

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 23:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08983.d
Report Date: 12-Oct-2012 00:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08983.d
Lab Smp Id: 460-45537-A-1 Client Smp ID: WC-17338-100512-MW1
Inj Date : 11-OCT-2012 23:41
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-45537-A-1
Misc Info : 460-45537-A-1
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/8260DE_09.m
Meth Date : 11-Oct-2012 21:30 ken Quant Type: ISTD
Cal Date : 11-OCT-2012 20:50 Cal File: e08976.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
28 MTBE	73	2.016	2.022	(0.561)	2797	0.16909	0.17(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	375883	48.6598	49
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	1242225	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1240232	47.9413	48
66 Toluene	91	5.162	5.162	(0.742)	4639	0.17041	0.17(a)
71 Tetrachloroethene	166	5.582	5.582	(0.803)	1902	0.28047	0.28(a)
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1119807	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	516081	49.5668	50
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	641810	50.0000	

QC Flag Legend

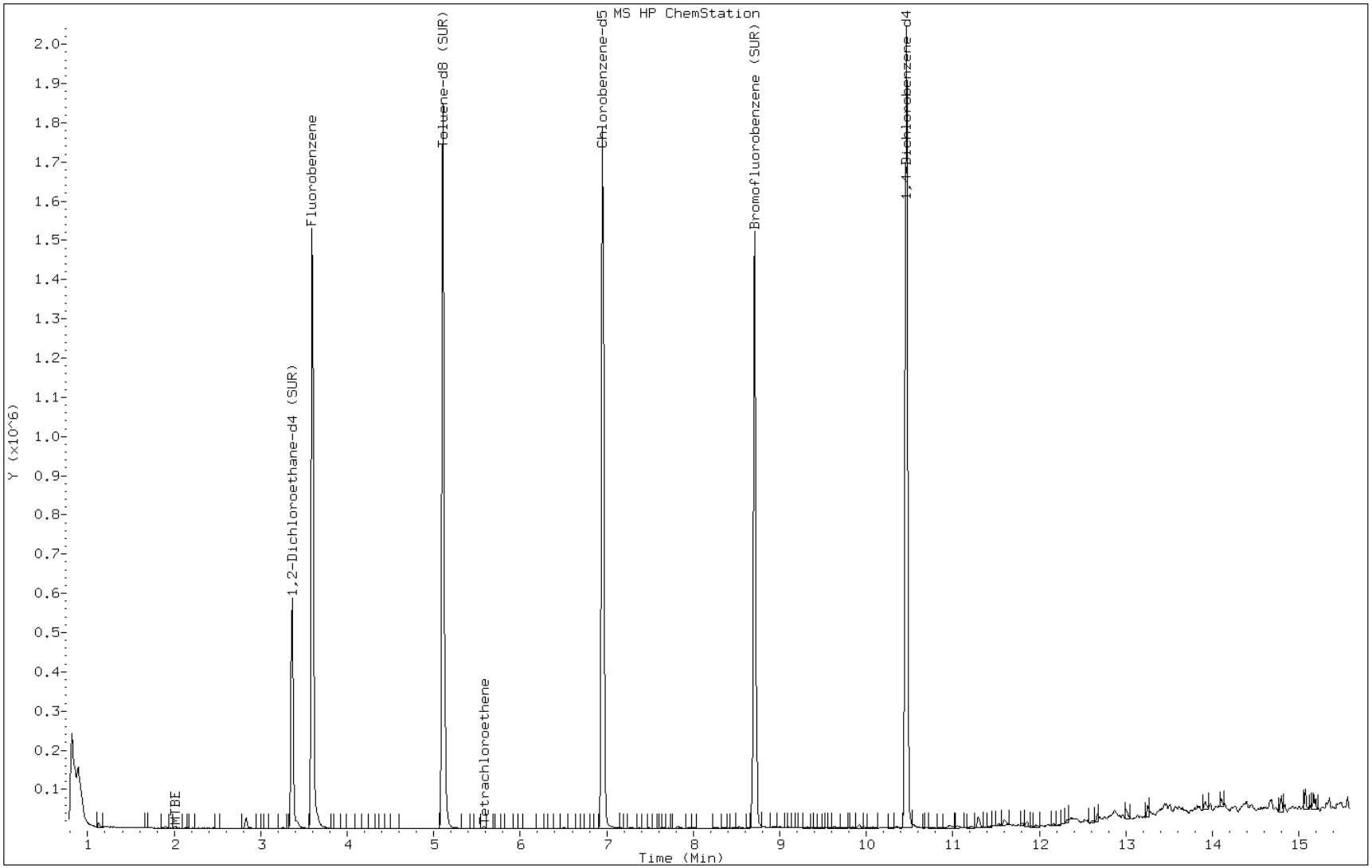
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: e08983.d

Date: 11-OCT-2012 23:41

Client ID: WC-17338-100512-MW1 Instrument: VOAMS5.i

Sample Info: 460-45537-A-1 Operator: GC/MS VOAMS5



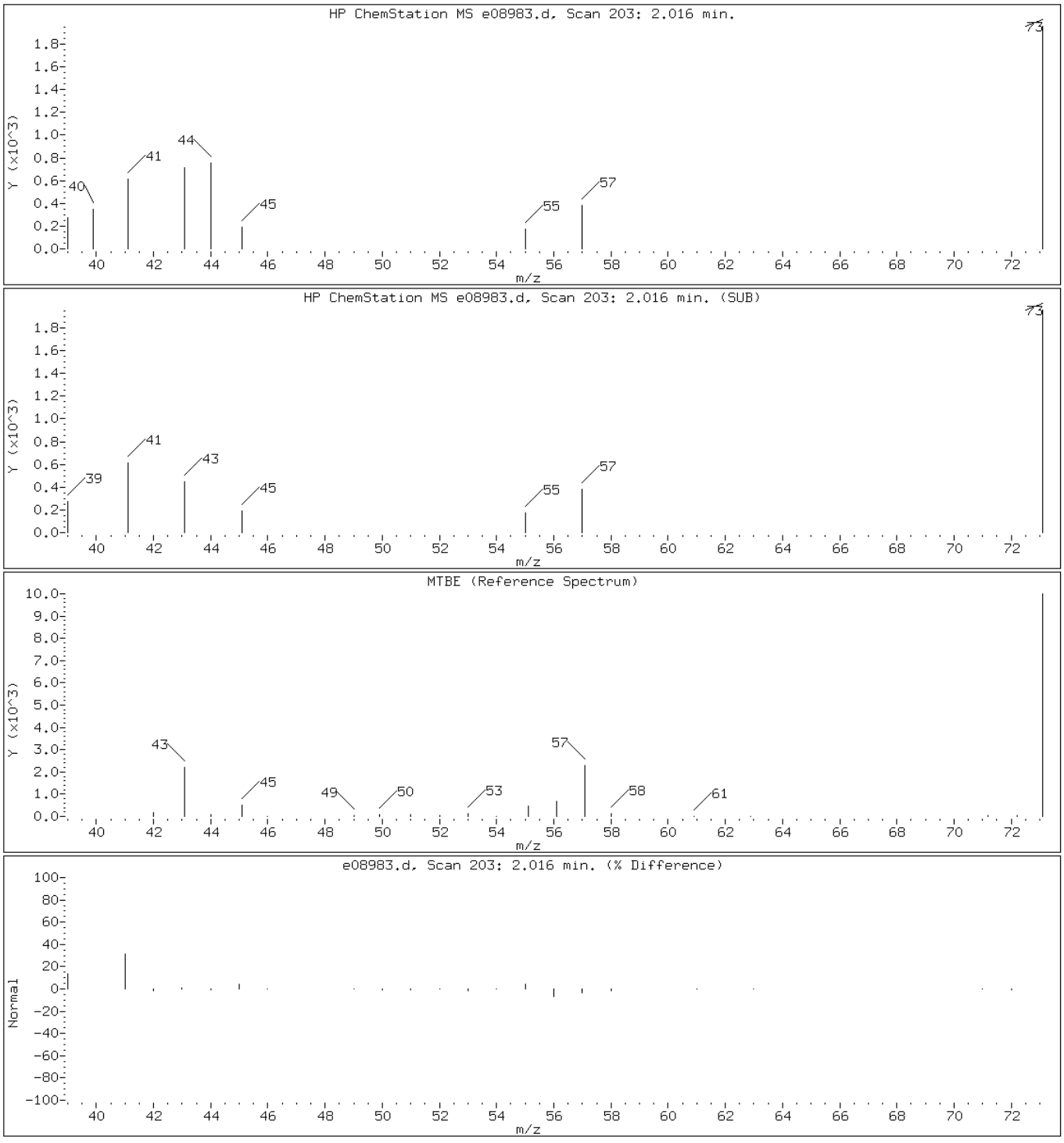
Data File: e08983.d

Date: 11-OCT-2012 23:41

Client ID: WC-17338-100512-MW1 Instrument: VOAMS5.i

Sample Info: 460-45537-A-1 Operator: GC/MS VOAMS5

28 MTBE



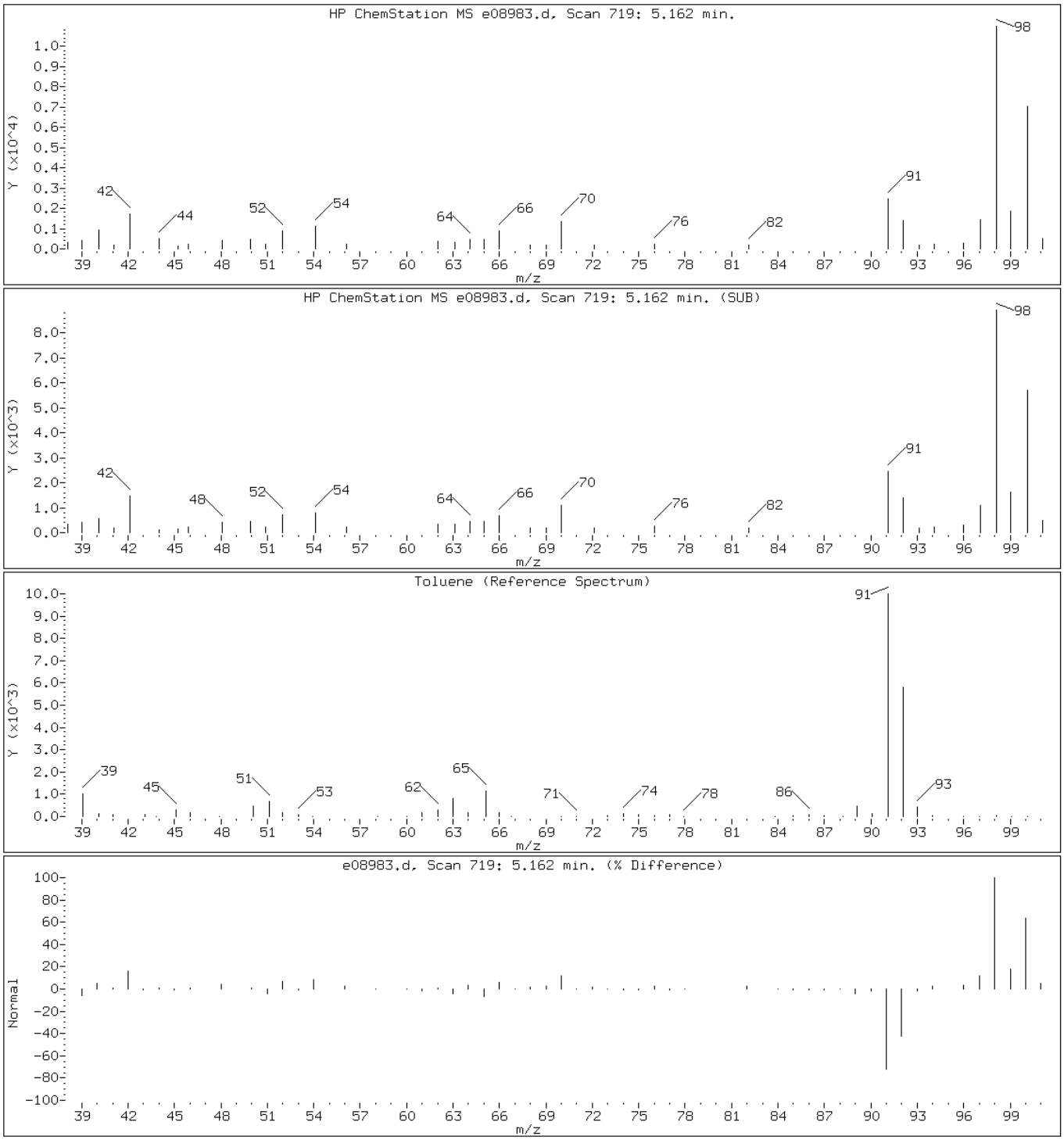
Data File: e08983.d

Date: 11-OCT-2012 23:41

Client ID: WC-17338-100512-MW1 Instrument: VOAMS5.i

Sample Info: 460-45537-A-1 Operator: GC/MS VOAMS5

66 Toluene



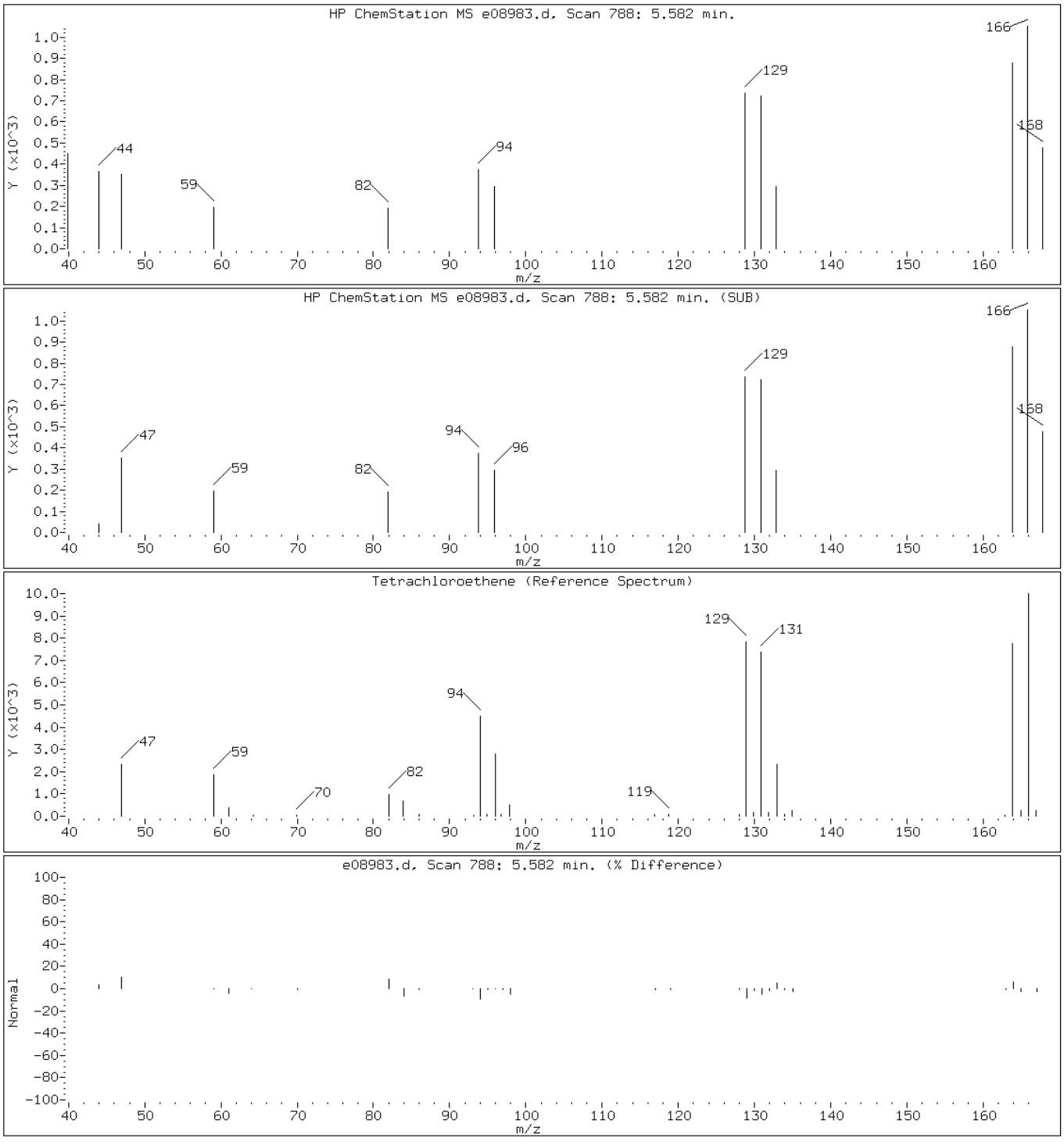
Data File: e08983.d

Date: 11-OCT-2012 23:41

Client ID: WC-17338-100512-MW1 Instrument: VOAMS5.i

Sample Info: 460-45537-A-1 Operator: GC/MS VOAMS5

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW101-MM- | Lab Sample ID: 460-45537-2

Matrix: Water | Lab File ID: e08984.d

Analysis Method: 8260B | Date Collected: 10/05/2012 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/12/2012 00:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 131656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.20	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW101-MM- | Lab Sample ID: 460-45537-2

Matrix: Water | Lab File ID: e08984.d

Analysis Method: 8260B | Date Collected: 10/05/2012 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/12/2012 00:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 131656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW101-MM- Lab Sample ID: 460-45537-2

Matrix: Water Lab File ID: e08984.d

Analysis Method: 8260B Date Collected: 10/05/2012 12:30

Sample wt/vol: 5(mL) Date Analyzed: 10/12/2012 00:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08984.d
Report Date: 12-Oct-2012 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08984.d
Lab Smp Id: 460-45537-A-2 Client Smp ID: WC-17338-100512-MW1
Inj Date : 12-OCT-2012 00:04
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-45537-A-2
Misc Info : 460-45537-A-2
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/8260DE_09.m
Meth Date : 11-Oct-2012 21:30 ken Quant Type: ISTD
Cal Date : 11-OCT-2012 20:50 Cal File: e08976.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
28 MTBE	73	2.016	2.022	(0.561)	3378	0.20333	0.20(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	375158	48.3561	48
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	1247617	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1243750	48.7069	49
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1105330	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	506189	49.2299	49
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	633816	50.0000	

QC Flag Legend

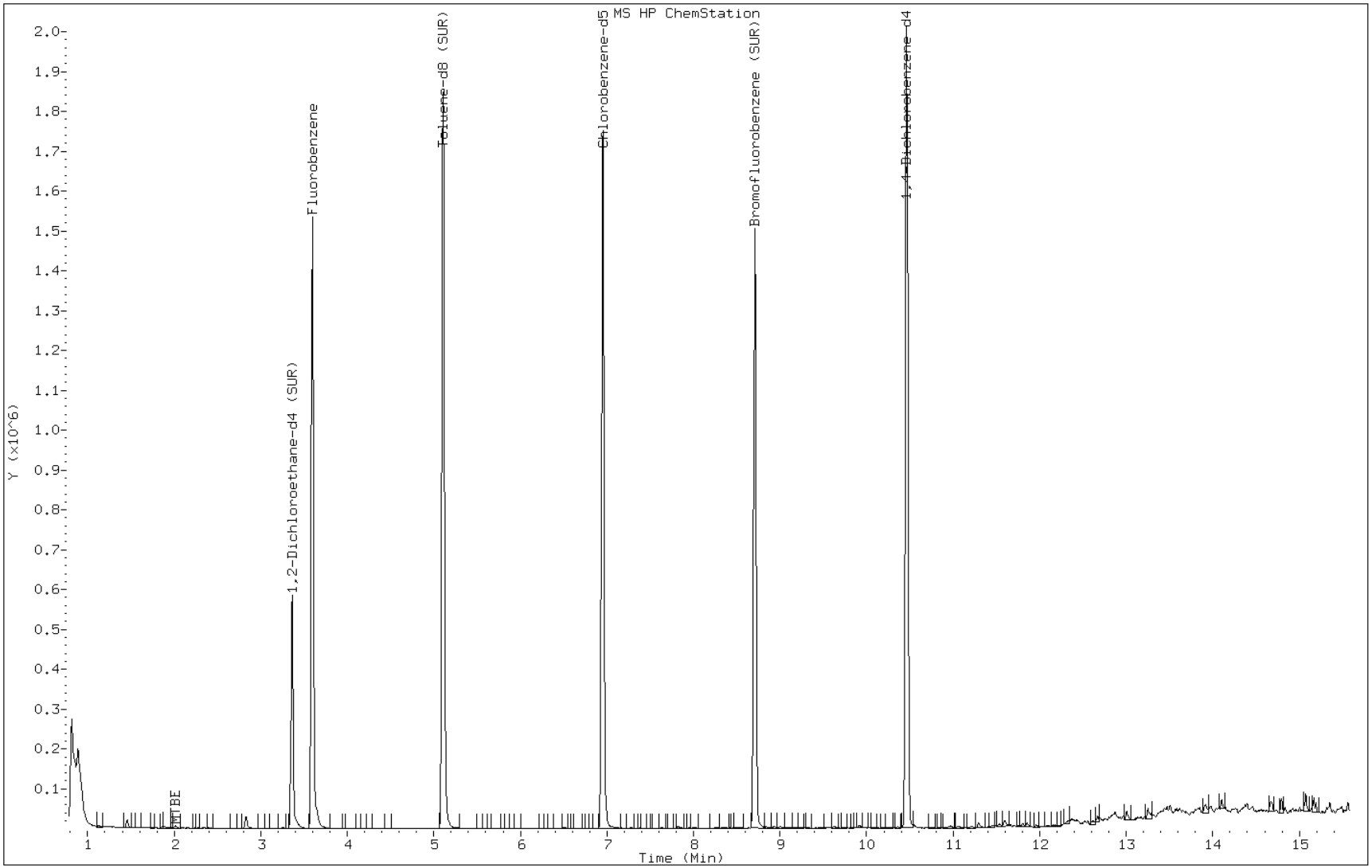
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: e08984.d

Date: 12-OCT-2012 00:04

Client ID: WC-17338-100512-MW1 Instrument: VOAMS5.i

Sample Info: 460-45537-A-2 Operator: GC/MS VOAMS5



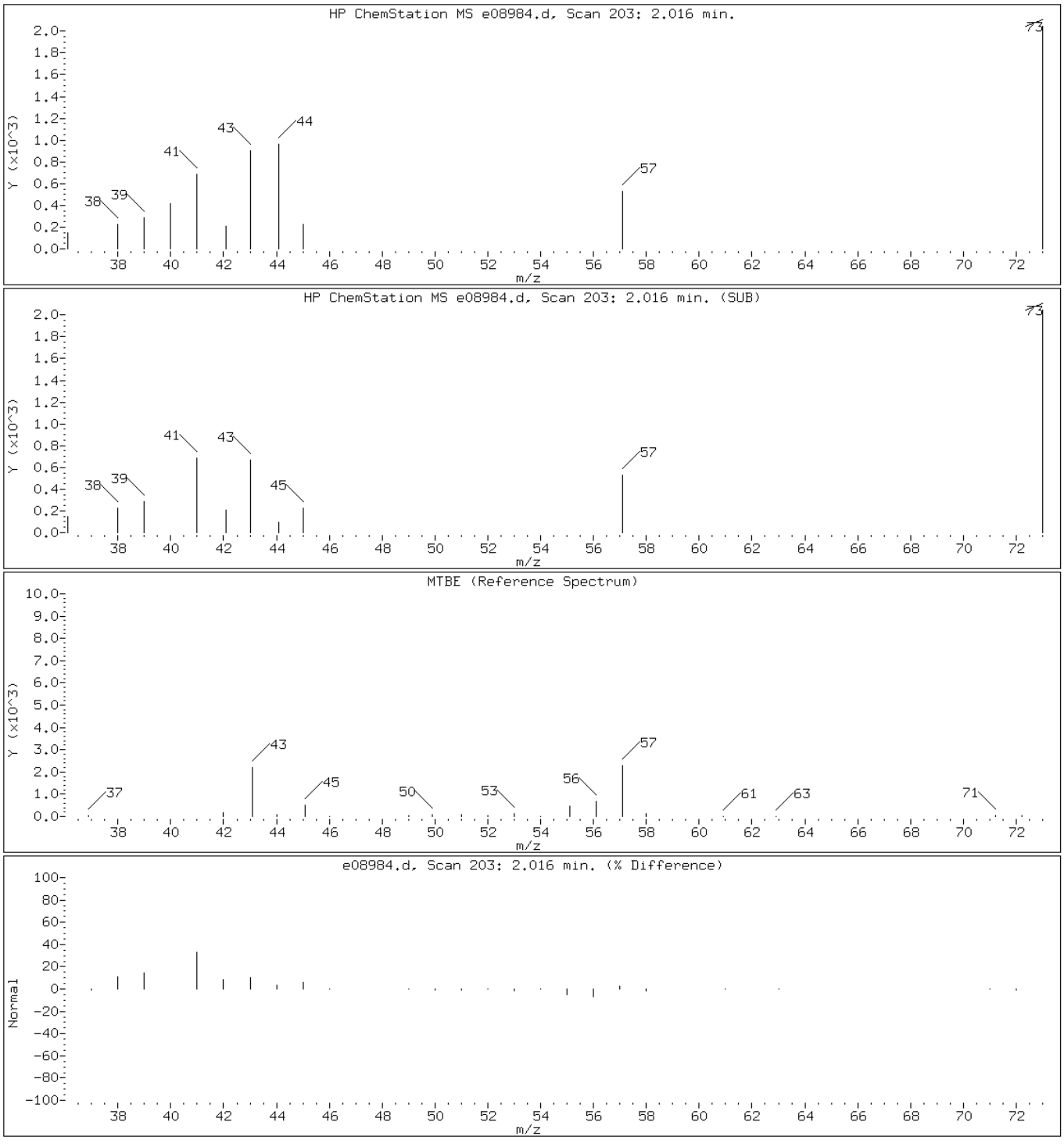
Data File: e08984.d

Date: 12-OCT-2012 00:04

Client ID: WC-17338-100512-MW1 Instrument: VOAMS5.i

Sample Info: 460-45537-A-2 Operator: GC/MS VOAMS5

28 MTBE



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: TB-17338-100512-253 | Lab Sample ID: 460-45537-3

Matrix: Water | Lab File ID: e08982.d

Analysis Method: 8260B | Date Collected: 10/05/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/11/2012 23:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 131656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.74	J	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.096	J	1.0	0.080
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: TB-17338-100512-253 Lab Sample ID: 460-45537-3

Matrix: Water Lab File ID: e08982.d

Analysis Method: 8260B Date Collected: 10/05/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 23:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: TB-17338-100512-253 Lab Sample ID: 460-45537-3

Matrix: Water Lab File ID: e08982.d

Analysis Method: 8260B Date Collected: 10/05/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 23:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08982.d
Report Date: 12-Oct-2012 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08982.d
Lab Smp Id: 460-45537-A-3 Client Smp ID: TB-17338-100512-253
Inj Date : 11-OCT-2012 23:17
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-45537-A-3
Misc Info : 460-45537-A-3
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/8260DE_09.m
Meth Date : 11-Oct-2012 21:30 ken Quant Type: ISTD
Cal Date : 11-OCT-2012 20:50 Cal File: e08976.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	49	1.864	1.864	(0.518)	6426	0.73512	0.74(a)
42 Chloroform	83	2.839	2.845	(0.790)	973	0.09557	0.096(aH)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	385354	48.4137	48
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	1280000	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1266759	48.2968	48
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1135339	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	518232	49.3851	49
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	646856	50.0000	

QC Flag Legend

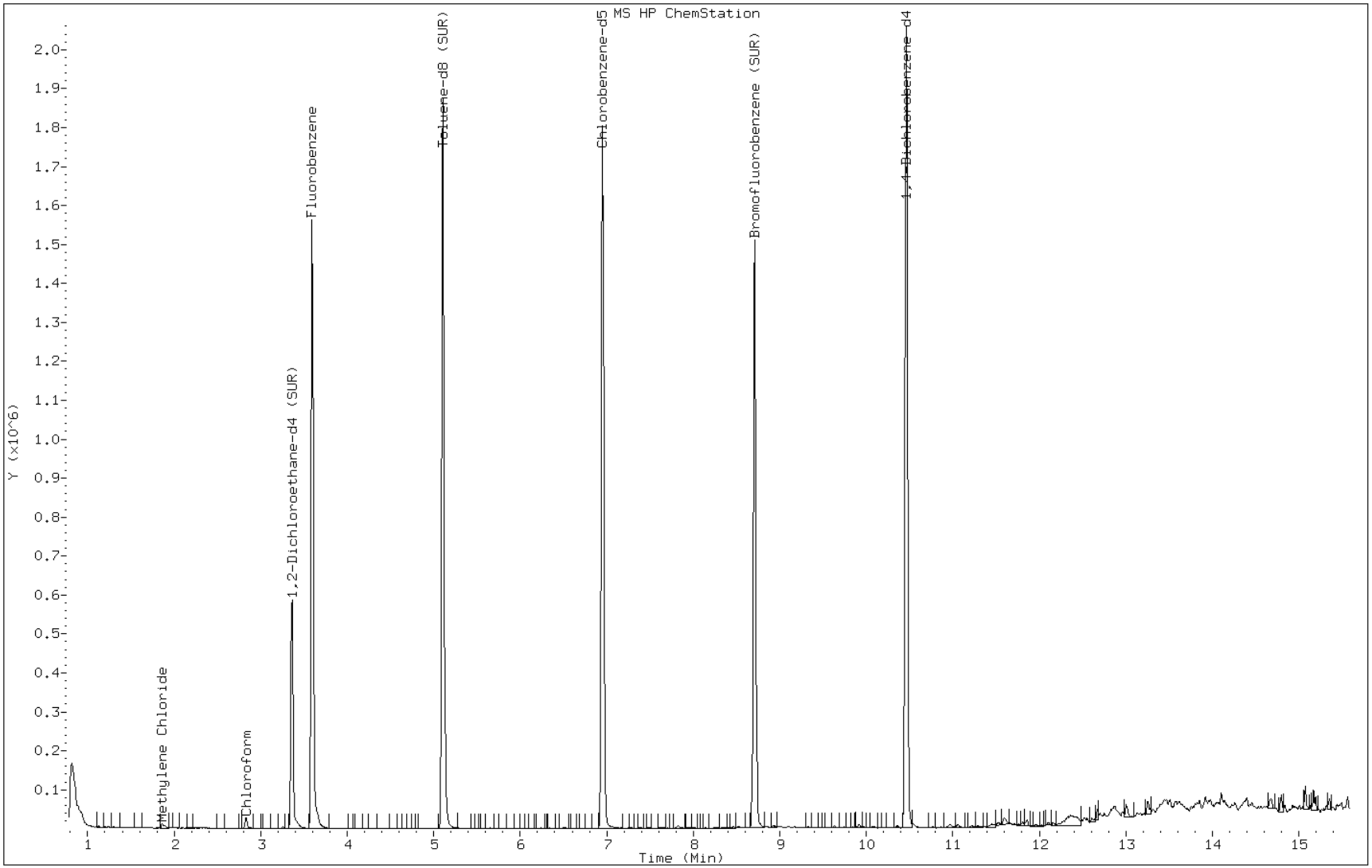
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: e08982.d

Date: 11-OCT-2012 23:17

Client ID: TB-17338-100512-253 Instrument: VOAMS5.i

Sample Info: 460-45537-A-3 Operator: GC/MS VOAMS5



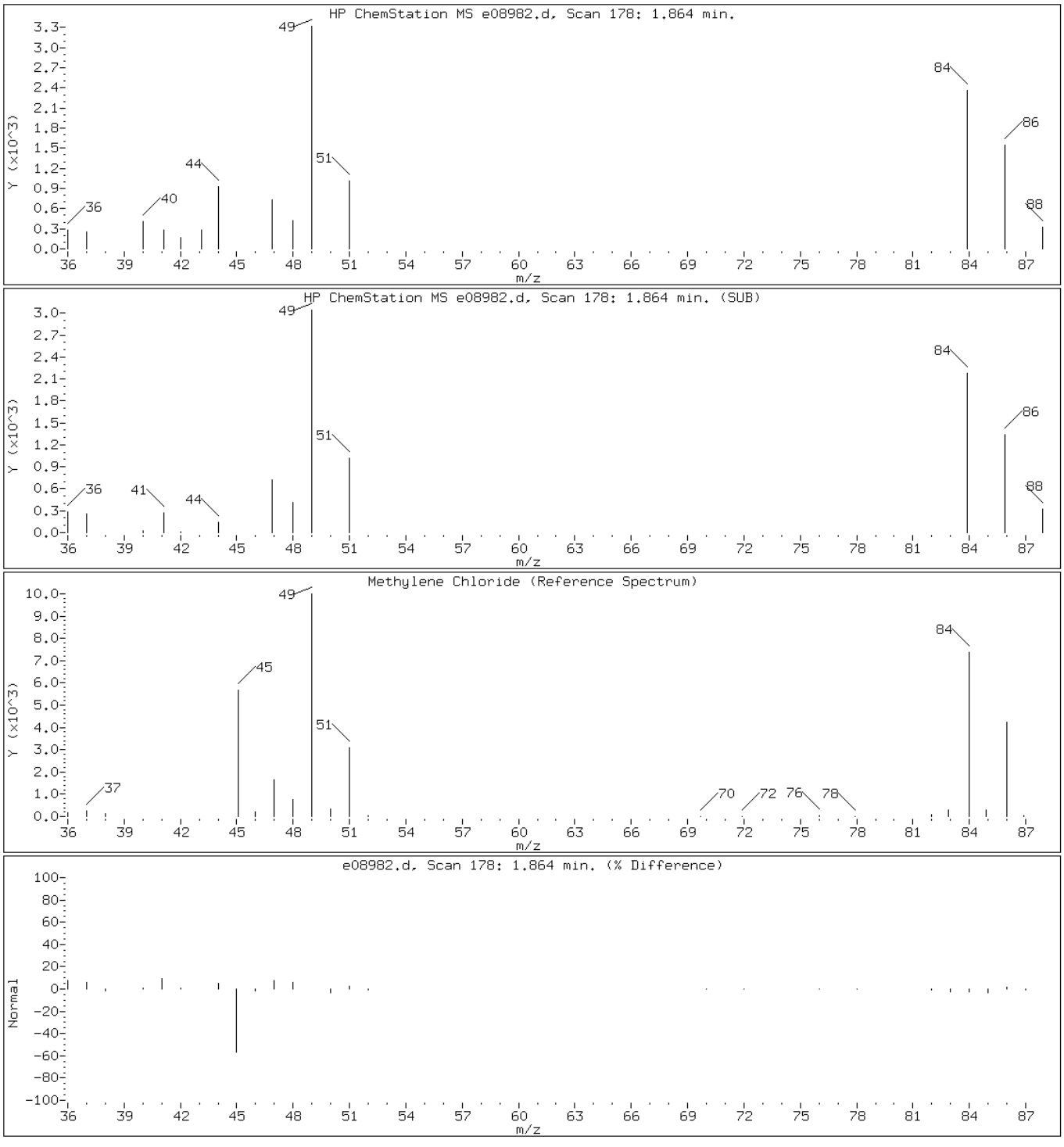
Data File: e08982.d

Date: 11-OCT-2012 23:17

Client ID: TB-17338-100512-253 Instrument: VOAMS5.i

Sample Info: 460-45537-A-3 Operator: GC/MS VOAMS5

22 Methylene Chloride



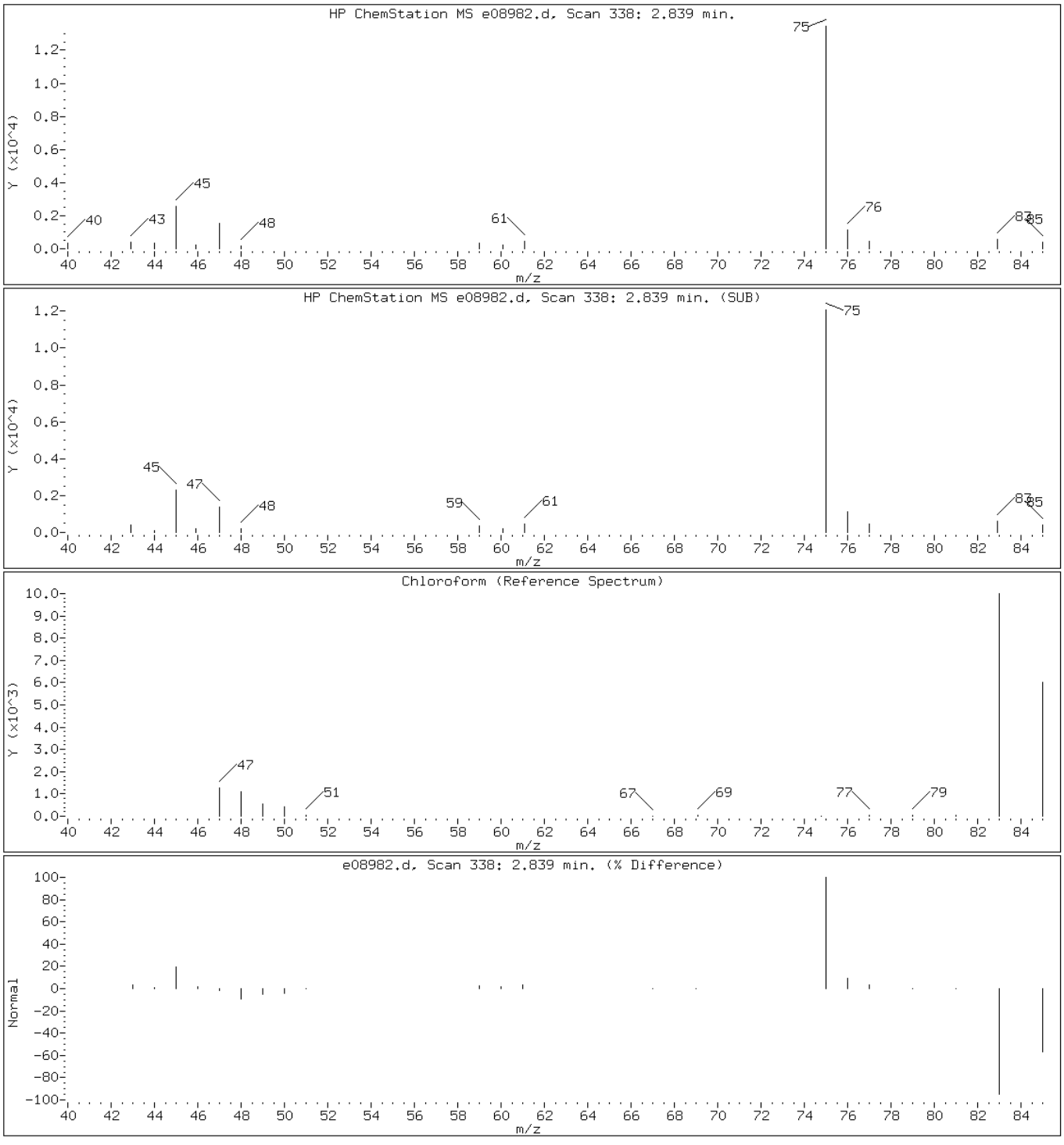
Data File: e08982.d

Date: 11-OCT-2012 23:17

Client ID: TB-17338-100512-253 Instrument: VOAMS5.i

Sample Info: 460-45537-A-3 Operator: GC/MS VOAMS5

42 Chloroform



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 128076

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128076/2	e07836.d
Level 2	IC 460-128076/3	e07838.d
Level 3	ICIS 460-128076/4	e07839.d
Level 4	IC 460-128076/5	e07840.d
Level 5	IC 460-128076/6	e07841.d
Level 6	IC 460-128076/7	e07842.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1877 0.1572	0.1710	0.1761	0.1874	0.1774	Ave		0.1761			0.1000	6.5		30.0			
Chloromethane	0.4585 0.3074	0.3624	0.3717	0.3896	0.3503	Ave		0.3733			0.1000	13.4		30.0			
Vinyl chloride	0.3440 0.2532	0.2904	0.2965	0.3157	0.2914	Ave		0.2985			0.1000	10.1		30.0			
Bromomethane	0.1457 0.1184	0.1433	0.1250	0.1279	0.1268	Ave		0.1312			0.1000	8.3		30.0			
Chloroethane	0.1177 0.0838	0.1273	0.1133	0.1184	0.0992	Ave		0.1099			0.1000	14.3		30.0			
Trichlorofluoromethane	0.2861 0.2285	0.2160	0.2403	0.2359	0.2461	Ave		0.2422			0.1000	9.9		30.0			
1,1-Dichloroethene	0.1607 0.1456	0.1355	0.1549	0.1479	0.1528	Ave		0.1496			0.1000	5.8		30.0			
Carbon disulfide	0.7031 0.6366	0.6470	0.6825	0.7347	0.7283	Ave		0.6887			0.1000	5.9		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1346 0.1772	0.1631	0.1661	0.1849	0.1887	Ave		0.1691			0.1000	11.6		30.0			
Methylene Chloride	0.4479 0.2947	0.3769	0.3581	0.3500	0.3182	Ave		0.3576			0.1000	14.8		30.0			
Acetone	0.0225 0.0153	0.0193	0.0188	0.0182	0.0162	Ave		0.0184		*	0.1000	13.8		30.0			
trans-1,2-Dichloroethene	0.2047 0.1946	0.1989	0.2141	0.2174	0.2016	Ave		0.2052			0.1000	4.3		30.0			
Methyl acetate	0.0482 0.0371	0.0463	0.0420	0.0421	0.0402	Ave		0.0426		*	0.1000	9.4		30.0			
Methyl tert-butyl ether	0.7109 0.5992	0.7281	0.6924	0.6817	0.6907	Ave		0.6838			0.1000	6.5		30.0			
1,1-Dichloroethane	0.4650 0.4257	0.4524	0.4893	0.4673	0.4494	Ave		0.4582			0.1000	4.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 128076

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.2536 0.2184	0.2396	0.2453	0.2363	0.2237	Ave		0.2361			0.1000	5.6		30.0			
Cyclohexane	0.3116 0.4438	0.4199	0.4030	0.4447	0.4640	Ave		0.4145			0.1000	13.2		30.0			
Chloroform	0.3895 0.3851	0.4109	0.4030	0.4060	0.3948	Ave		0.3982			0.1000	2.5		30.0			
Carbon tetrachloride	0.2420 0.2903	0.2373	0.2793	0.2813	0.2930	Ave		0.2705			0.1000	9.1		30.0			
1,1,1-Trichloroethane	0.3091 0.3522	0.3114	0.3513	0.3424	0.3583	Ave		0.3375			0.1000	6.4		30.0			
2-Butanone (MEK)	0.0273 0.0364	0.0279	0.0385	0.0372	0.0372	Ave		0.0341		*	0.1000	14.9		30.0			
Benzene	1.2012 0.9836	1.2533	1.2592	1.2117	1.2284	Ave		1.1896			0.1000	8.7		30.0			
1,2-Dichloroethane	0.3398 0.3124	0.3425	0.3293	0.3270	0.3193	Ave		0.3284			0.1000	3.5		30.0			
Methylcyclohexane	0.2272 0.3532	0.3440	0.3287	0.3727	0.3690	Ave		0.3325			0.1000	16.3		30.0			
Trichloroethene	0.2571 0.2426	0.2192	0.2414	0.2341	0.2365	Ave		0.2385			0.1000	5.2		30.0			
1,2-Dichloropropane	0.2758 0.2733	0.2786	0.2804	0.2730	0.2724	Ave		0.2756			0.1000	1.2		30.0			
Dichlorobromomethane	0.3209 0.3237	0.3160	0.3185	0.3141	0.3239	Ave		0.3195			0.1000	1.3		30.0			
cis-1,3-Dichloropropene	0.5043 0.5530	0.5293	0.5370	0.5217	0.5393	Ave		0.5308			0.1000	3.1		30.0			
Toluene	1.3662 1.0731	1.3454	1.4250	1.3844	1.3425	Ave		1.3228			0.1000	9.5		30.0			
Tetrachloroethene	0.2730 0.3255	0.2844	0.3369	0.3253	0.3225	Ave		0.3113			0.1000	8.3		30.0			
4-Methyl-2-pentanone (MIBK)	0.3587 0.3692	0.3603	0.3526	0.3550	0.3603	Ave		0.3593			0.1000	1.6		30.0			
trans-1,3-Dichloropropene	0.4563 0.5114	0.4743	0.4806	0.4779	0.4910	Ave		0.4819			0.1000	3.8		30.0			
1,1,2-Trichloroethane	0.2303 0.2280	0.2327	0.2287	0.2201	0.2185	Ave		0.2264			0.1000	2.5		30.0			
Chlorodibromomethane	0.3013 0.3249	0.2986	0.3088	0.3052	0.3111	Ave		0.3083			0.1000	3.0		30.0			
1,2-Dibromoethane	0.2596 0.2676	0.2708	0.2743	0.2671	0.2629	Ave		0.2670			0.1000	2.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 128076

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.2652 0.2514	0.2737	0.2670	0.2679	0.2755	Ave		0.2668			0.1000	3.2		30.0			
Chlorobenzene	0.8958 0.8261	0.8985	0.9292	0.9070	0.8727	Ave		0.8882			0.1000	4.0		30.0			
Ethylbenzene	0.4549 0.4808	0.4523	0.4953	0.4866	0.4834	Ave		0.4756			0.1000	3.7		30.0			
m-Xylene & p-Xylene	0.5967 0.5224	0.5752	0.6297	0.6168	0.6094	Ave		0.5917			0.1000	6.5		30.0			
o-Xylene	0.5732 0.5765	0.5675	0.6142	0.6014	0.5989	Ave		0.5886			0.1000	3.2		30.0			
Bromoform	0.2053 0.2237	0.1991	0.2150	0.2194	0.2258	Ave		0.2147			0.1000	4.9		30.0			
Styrene	0.9657 0.8917	0.9899	1.0525	1.0511	1.0477	Ave		0.9998			0.1000	6.4		30.0			
Isopropylbenzene	1.3314 1.1764	1.3509	1.5606	1.5346	1.5340	Ave		1.4146			0.1000	10.8		30.0			
1,1,2,2-Tetrachloroethane	0.6545 0.6330	0.6405	0.6616	0.6489	0.6390	Ave		0.6462			0.1000	1.7		30.0			
1,3-Dichlorobenzene	1.2616 1.2242	1.2687	1.3292	1.3133	1.2758	Ave		1.2788			0.1000	3.0		30.0			
1,4-Dichlorobenzene	1.3636 1.2550	1.3114	1.3708	1.3534	1.3010	Ave		1.3259			0.1000	3.4		30.0			
1,2-Dichlorobenzene	1.2298 1.1521	1.2143	1.2601	1.2232	1.1746	Ave		1.2090			0.1000	3.2		30.0			
1,2-Dibromo-3-Chloropropane	0.1290 0.1095	0.1163	0.1082	0.1109	0.1042	Ave		0.1130			0.1000	7.8		30.0			
1,2,4-Trichlorobenzene	0.6538 0.5732	0.6139	0.6311	0.6265	0.5725	Ave		0.6118			0.1000	5.4		30.0			
1,2-Dichloroethane-d4 (Surr)	0.2599 0.2702	0.2736	0.2573	0.2553	0.2667	Ave		0.2638			0.1000	2.8		30.0			
Toluene-d8 (Surr)	1.1377 1.1690	1.2027	1.1720	1.1573	1.1645	Ave		1.1672			0.1000	1.8		30.0			
4-Bromofluorobenzene	0.7799 0.8206	0.8146	0.8086	0.8044	0.8193	Ave		0.8079			0.1000	1.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 128076

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128076/2	e07836.d
Level 2	IC 460-128076/3	e07838.d
Level 3	ICIS 460-128076/4	e07839.d
Level 4	IC 460-128076/5	e07840.d
Level 5	IC 460-128076/6	e07841.d
Level 6	IC 460-128076/7	e07842.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	8660 4551928	39416	167418	450014	1798263	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	21155 8902969	83523	353287	935453	3551906	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	15876 7332518	66919	281874	757876	2954383	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	6723 3429373	33032	118799	307121	1285567	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5433 2426216	29332	107678	284219	1005976	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	13203 6618134	49780	228376	566305	2495326	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	7415 4214942	31234	147259	355088	1549102	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	32446 18433408	149121	648801	1763903	7384049	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	6213 5130629	37580	157867	443949	1913025	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	20667 8533685	86862	340378	840419	3225631	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	5188 441742	13342	17849	43750	164598	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	9445 5633771	45844	203500	521911	2044335	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	2222 1074355	10660	39926	101112	407713	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	32806 17351574	167790	658123	1636664	7002522	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	21457 12326764	104265	465144	1121930	4556341	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	11702 6324299	55218	233129	567238	2267968	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 128076

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	14380 12852489	96765	383104	1067735	4704103	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	17974 11152231	94697	383084	974788	4002506	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	11168 8405131	54679	265527	675330	2970592	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	14264 10199723	71766	333961	821993	3633125	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	6291 1055008	19260	36552	89217	377317	5.00 500	15.0	20.0	50.0	200
Benzene	CBZ	Ave	45050 21876514	227079	968083	2380099	9863557	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	15679 9046377	78926	312991	785178	3236838	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	10486 10227785	79279	312424	894738	3740947	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	11865 7026524	50527	229465	562086	2397838	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	12728 7913672	64209	266559	655380	2762116	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	14807 9374106	72835	302742	754124	3283607	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	18914 12299317	95905	412847	1024782	4330221	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	51238 23868197	243768	1095520	2719268	10779721	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	10238 7239654	51530	258990	639002	2589541	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	67258 8212153	195851	271059	697282	2892746	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	17115 11373599	85943	369516	938808	3942425	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	8636 5071317	42154	175853	432262	1754301	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	11301 7227226	54107	237421	599464	2498269	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	9735 5952425	49066	210900	524614	2110766	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	49729 5590902	148758	205286	526223	2211715	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	33596 18374405	162793	714336	1781568	7007520	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 128076

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethylbenzene	CBZ	Ave	17061 10693410	81955	380762	955894	3881643	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	44761 23238078	208423	968280	2423002	9786882	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	21499 12821590	102832	472158	1181273	4809215	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	7698 4974461	36074	165267	430943	1812795	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	36217 19831782	179367	809158	2064560	8412645	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	49933 26165908	244766	1199765	3014281	12317103	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	13823 7365342	63947	277413	702309	2898768	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	26644 14243841	126663	557342	1421450	5787314	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	28798 14602396	130929	574816	1464915	5901891	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	25972 13405399	121236	528396	1324016	5328621	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	2725 1274610	11615	45388	120062	472744	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	13808 6669727	61295	264648	678119	2596959	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	599539 782507	630441	611357	613057	676105	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	2133452 2600040	2179204	2252606	2273339	2337515	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	823604 954872	813301	847619	870646	929176	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07836.d
Report Date: 17-Sep-2012 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07836.d
Lab Smp Id: IC-VMCAL1
Inj Date : 17-SEP-2012 04:49
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL1
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	8660	1.00000	1.1
3 Chloromethane	50	1.004	1.004	(0.280)	21155	1.00000	1.2
4 Vinyl Chloride	62	1.016	1.016	(0.283)	15876	1.00000	1.2
6 Bromomethane	94	1.169	1.169	(0.326)	6723	1.00000	1.1
5 Chloroethane	64	1.230	1.230	(0.343)	5433	1.00000	1.1
7 Trichlorofluoromethane	101	1.291	1.291	(0.360)	13203	1.00000	1.2
14 Freon TF	101	1.565	1.565	(0.436)	6213	1.00000	0.80(a)
15 1,1-Dichloroethene	96	1.547	1.547	(0.431)	7415	1.00000	1.1
16 Acetone	58	1.882	1.882	(0.524)	5188	5.00000	6.1
18 Carbon Disulfide	76	1.559	1.559	(0.434)	32446	1.00000	1.0
27 Methyl Acetate	74	1.955	1.955	(0.545)	2222	1.00000	1.1
22 Methylene Chloride	49	1.851	1.851	(0.516)	20667	1.00000	1.2
28 MTBE	73	2.016	2.016	(0.562)	32806	1.00000	1.0
25 trans-1,2-Dichloroethene	96	1.937	1.937	(0.540)	9445	1.00000	1.00
30 1,1-Dichloroethane	63	2.303	2.303	(0.642)	21457	1.00000	1.0
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	11702	1.00000	1.1

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07836.d
Report Date: 17-Sep-2012 13:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	38 2-Butanone	72	3.071	3.071	(0.856)	6291	5.00000	4.0(a)
	42 Chloroform	83	2.839	2.839	(0.791)	17974	1.00000	0.98(a)
	44 Cyclohexane	56	2.778	2.778	(0.774)	14380	1.00000	0.75(a)
	43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	14264	1.00000	0.92(a)
	45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	11168	1.00000	0.89(a)
	48 Benzene	78	3.254	3.254	(0.468)	45050	1.00000	1.0
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	599539	50.0000	49
	49 1,2-Dichloroethane	62	3.412	3.412	(0.951)	15679	1.00000	1.0
*	52 Fluorobenzene	96	3.589	3.589	(1.000)	2307227	50.0000	
	54 Trichloroethene	95	3.735	3.735	(1.041)	11865	1.00000	1.1
	56 Methyl cyclohexane	83	3.723	3.723	(1.037)	10486	1.00000	0.68(a)
	57 1,2-Dichloropropane	63	4.192	4.192	(1.168)	12728	1.00000	1.0
	68 Bromodichloromethane	83	4.266	4.266	(1.189)	14807	1.00000	1.0
	67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.706)	18914	1.00000	0.95(a)
	70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.810)	67258	5.00000	5.0
$	65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	2133452	50.0000	49
	66 Toluene	91	5.156	5.156	(0.742)	51238	1.00000	1.0
	64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.813)	17115	1.00000	0.95(a)
	69 1,1,2-Trichloroethane	83	5.826	5.826	(0.839)	8636	1.00000	1.0
	71 Tetrachloroethene	166	5.582	5.582	(0.803)	10238	1.00000	0.88(a)
	73 2-Hexanone	43	6.674	6.674	(0.960)	49729	5.00000	5.0
	74 Dibromochloromethane	129	6.015	6.015	(0.866)	11301	1.00000	0.98(a)
	77 1,2-Dibromoethane	107	6.265	6.265	(0.902)	9735	1.00000	0.97(a)
*	78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	1875221	50.0000	
	79 Chlorobenzene	112	6.972	6.972	(1.004)	33596	1.00000	1.0
	81 Ethylbenzene	106	7.064	7.064	(1.017)	17061	1.00000	0.96(a)
	82 m+p-Xylene	106	7.271	7.271	(1.046)	44761	2.00000	2.0
	84 o-Xylene	106	7.856	7.856	(1.131)	21499	1.00000	0.97(a)
	85 Styrene	104	7.942	7.942	(1.143)	36217	1.00000	0.96(a)
	86 Bromoform	173	7.911	7.911	(1.139)	7698	1.00000	0.96(a)
	88 Isopropylbenzene	105	8.344	8.344	(1.201)	49933	1.00000	0.94(a)
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	823604	50.0000	48
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	13823	1.00000	1.0
	105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	26644	1.00000	0.99(a)
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1055978	50.0000	
	109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	28798	1.00000	1.0
	111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	25972	1.00000	1.0(H)
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	2725	1.00000	1.1
	114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	13808	1.00000	1.1
M	120 1,2-Dichloroethene (Total)	100				21147	2.00000	2.1
M	121 Xylene (Total)	100				66260	3.00000	3.0

QC Flag Legend

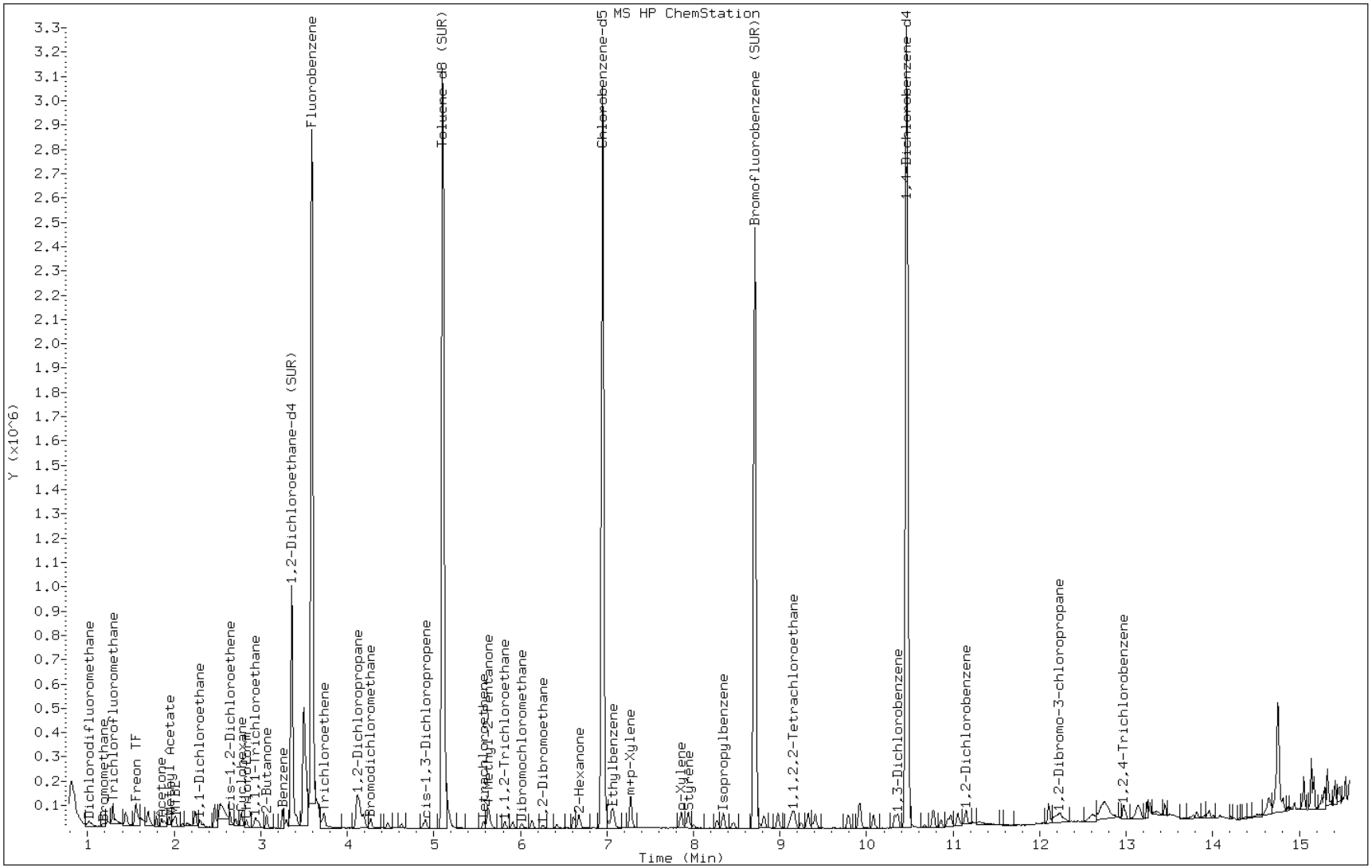
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: e07836.d

Date: 17-SEP-2012 04:49

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL1 Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07838.d
Report Date: 17-Sep-2012 13:17

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07838.d
Lab Smp Id: IC-VMCAL2
Inj Date : 17-SEP-2012 05:36
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL2
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	39416	5.00000	4.8
3 Chloromethane	50	1.016	1.016	(0.283)	83523	5.00000	4.8
4 Vinyl Chloride	62	1.022	1.022	(0.285)	66919	5.00000	4.9
6 Bromomethane	94	1.169	1.169	(0.326)	33032	5.00000	5.5
5 Chloroethane	64	1.230	1.230	(0.343)	29332	5.00000	5.8
7 Trichlorofluoromethane	101	1.291	1.291	(0.360)	49780	5.00000	4.5
14 Freon TF	101	1.559	1.559	(0.434)	37580	5.00000	4.8
15 1,1-Dichloroethene	96	1.541	1.541	(0.429)	31234	5.00000	4.5
16 Acetone	58	1.894	1.894	(0.528)	13342	15.0000	16
18 Carbon Disulfide	76	1.553	1.553	(0.433)	149121	5.00000	4.7
27 Methyl Acetate	74	1.961	1.961	(0.546)	10660	5.00000	5.4
22 Methylene Chloride	49	1.851	1.851	(0.516)	86862	5.00000	5.3
28 MTBE	73	2.016	2.016	(0.562)	167790	5.00000	5.3
25 trans-1,2-Dichloroethene	96	1.937	1.937	(0.540)	45844	5.00000	4.8
30 1,1-Dichloroethane	63	2.296	2.296	(0.640)	104265	5.00000	4.9
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	55218	5.00000	5.1

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07838.d
Report Date: 17-Sep-2012 13:17

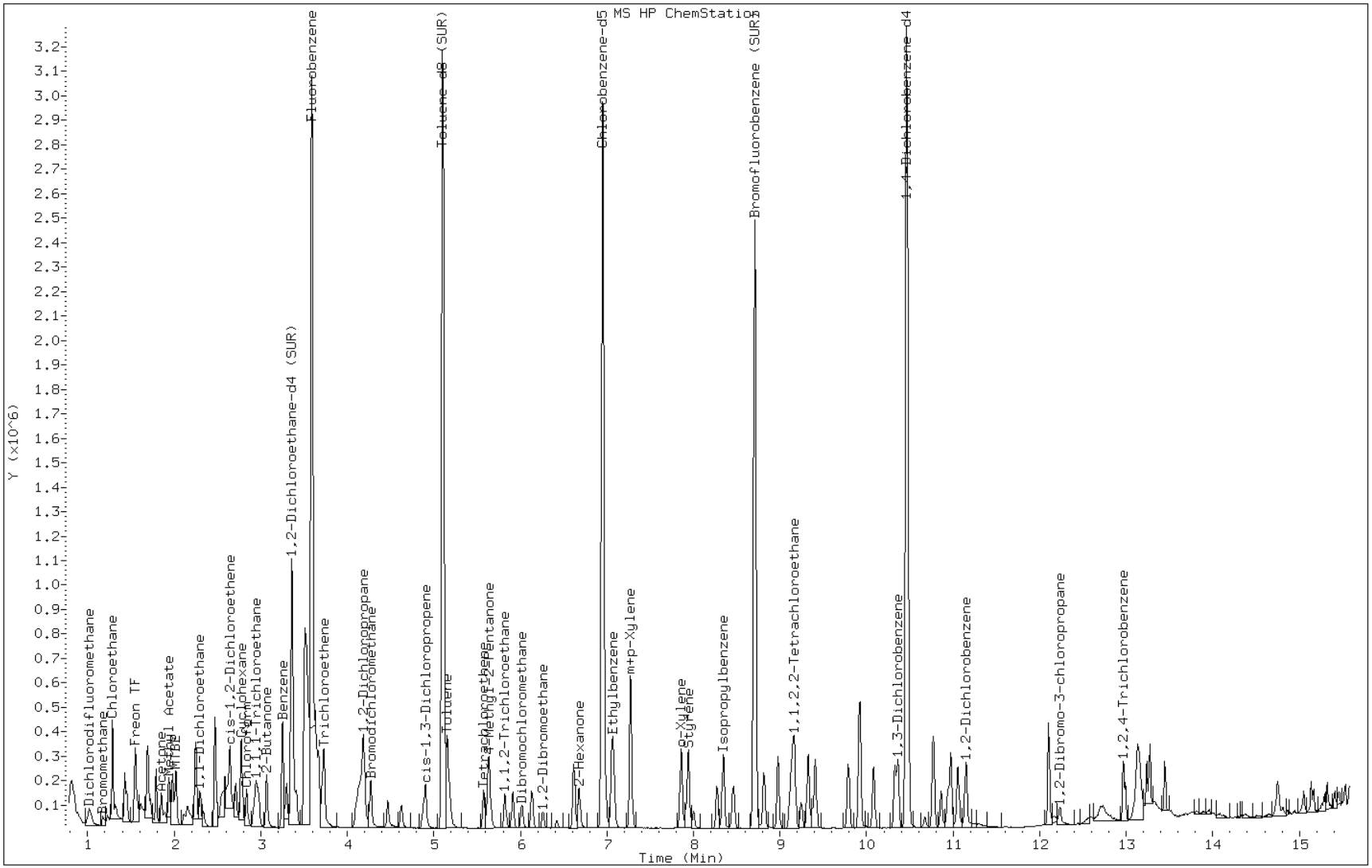
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	38	2-Butanone	72	3.077	3.077	(0.857)	19260	15.0000	12
	42	Chloroform	83	2.839	2.839	(0.791)	94697	5.00000	5.2
	44	Cyclohexane	56	2.772	2.772	(0.772)	96765	5.00000	5.1
	43	1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	71766	5.00000	4.6
	45	Carbon Tetrachloride	117	2.924	2.924	(0.815)	54679	5.00000	4.4
	48	Benzene	78	3.254	3.254	(0.468)	227079	5.00000	5.3
$	47	1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	630441	50.0000	52
	49	1,2-Dichloroethane	62	3.412	3.412	(0.951)	78926	5.00000	5.2
*	52	Fluorobenzene	96	3.589	3.589	(1.000)	2304638	50.0000	
	54	Trichloroethene	95	3.735	3.735	(1.041)	50527	5.00000	4.6
	56	Methyl cyclohexane	83	3.717	3.717	(1.036)	79279	5.00000	5.2
	57	1,2-Dichloropropane	63	4.192	4.192	(1.168)	64209	5.00000	5.0
	68	Bromodichloromethane	83	4.272	4.272	(1.190)	72835	5.00000	4.9
	67	cis-1,3-Dichloropropene	75	4.906	4.906	(0.706)	95905	5.00000	5.0
	70	4-Methyl-2-Pentanone	43	5.625	5.625	(0.810)	195851	15.0000	15
$	65	Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	2179204	50.0000	52
	66	Toluene	91	5.156	5.156	(0.742)	243768	5.00000	5.1
	64	trans-1,3-Dichloropropene	75	5.643	5.643	(0.812)	85943	5.00000	4.9
	69	1,1,2-Trichloroethane	83	5.820	5.820	(0.838)	42154	5.00000	5.1
	71	Tetrachloroethene	166	5.576	5.576	(0.803)	51530	5.00000	4.6
	73	2-Hexanone	43	6.680	6.680	(0.961)	148758	15.0000	15
	74	Dibromochloromethane	129	6.015	6.015	(0.866)	54107	5.00000	4.8
	77	1,2-Dibromoethane	107	6.259	6.259	(0.901)	49066	5.00000	5.1
*	78	Chlorobenzene-d5	117	6.948	6.948	(1.000)	1811885	50.0000	
	79	Chlorobenzene	112	6.972	6.972	(1.004)	162793	5.00000	5.0
	81	Ethylbenzene	106	7.058	7.058	(1.016)	81955	5.00000	4.8
	82	m+p-Xylene	106	7.271	7.271	(1.046)	208423	10.0000	9.7
	84	o-Xylene	106	7.856	7.856	(1.131)	102832	5.00000	4.8
	85	Styrene	104	7.942	7.942	(1.143)	179367	5.00000	5.0
	86	Bromoform	173	7.911	7.911	(1.139)	36074	5.00000	4.6
	88	Isopropylbenzene	105	8.344	8.344	(1.201)	244766	5.00000	4.8
$	89	Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	813301	50.0000	50
	92	1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	63947	5.00000	5.0
	105	1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	126663	5.00000	5.0
*	108	1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	998386	50.0000	
	109	1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	130929	5.00000	4.9
	111	1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	121236	5.00000	5.0
	112	1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	11615	5.00000	5.1
	114	1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	61295	5.00000	5.0
M	120	1,2-Dichloroethene (Total)	100				101062	10.0000	9.9
M	121	Xylene (Total)	100				311255	15.0000	14

Data File: e07838.d

Date: 17-SEP-2012 05:36

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL2 Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07839.d
Report Date: 17-Sep-2012 13:17

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07839.d
Lab Smp Id: ICIS-VMCAL3
Inj Date : 17-SEP-2012 06:00
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : ICIS-VMCAL3
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	167418	20.0000	20
3 Chloromethane	50	1.016	1.016	(0.283)	353287	20.0000	20
4 Vinyl Chloride	62	1.016	1.016	(0.283)	281874	20.0000	20
6 Bromomethane	94	1.175	1.175	(0.327)	118799	20.0000	19
5 Chloroethane	64	1.230	1.230	(0.343)	107678	20.0000	21
7 Trichlorofluoromethane	101	1.291	1.291	(0.360)	228376	20.0000	20
14 Freon TF	101	1.559	1.559	(0.434)	157867	20.0000	20
15 1,1-Dichloroethene	96	1.540	1.540	(0.429)	147259	20.0000	21
16 Acetone	58	1.888	1.888	(0.526)	17849	20.0000	20
18 Carbon Disulfide	76	1.559	1.559	(0.434)	648801	20.0000	20
27 Methyl Acetate	74	1.955	1.955	(0.545)	39926	20.0000	20
22 Methylene Chloride	49	1.851	1.851	(0.516)	340378	20.0000	20
28 MTBE	73	2.016	2.016	(0.562)	658123	20.0000	20
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.541)	203500	20.0000	21
30 1,1-Dichloroethane	63	2.303	2.303	(0.642)	465144	20.0000	21
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	233129	20.0000	21

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07839.d
Report Date: 17-Sep-2012 13:17

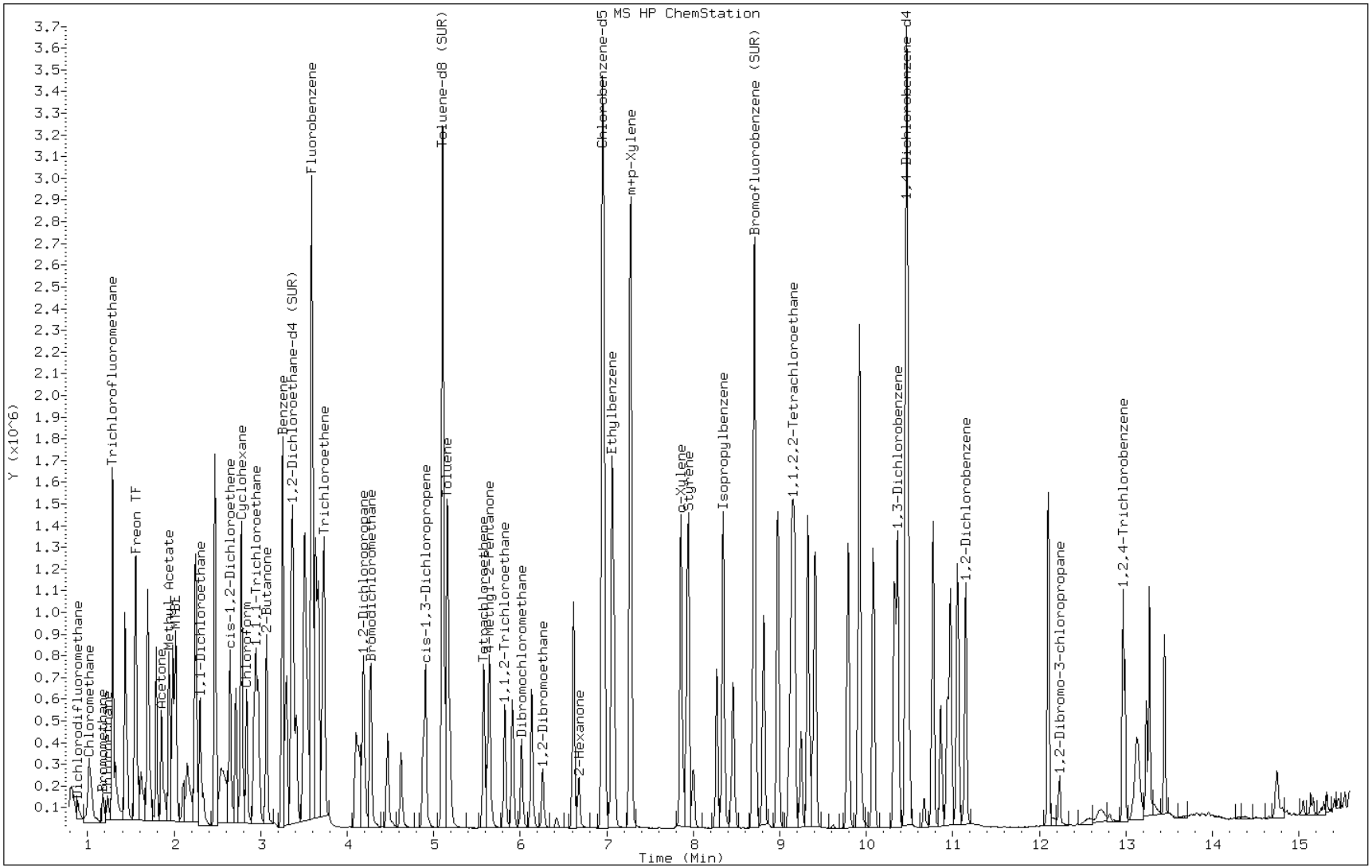
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	38 2-Butanone	72	3.071	3.071	(0.856)	36552	20.0000	22
	42 Chloroform	83	2.839	2.839	(0.791)	383084	20.0000	20
	44 Cyclohexane	56	2.778	2.778	(0.774)	383104	20.0000	19
	43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	333961	20.0000	21
	45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	265527	20.0000	21
	48 Benzene	78	3.254	3.254	(0.468)	968083	20.0000	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	611357	50.0000	49
	49 1,2-Dichloroethane	62	3.412	3.412	(0.951)	312991	20.0000	20
*	52 Fluorobenzene	96	3.589	3.589	(1.000)	2376396	50.0000	
	54 Trichloroethene	95	3.735	3.735	(1.041)	229465	20.0000	20
	56 Methyl cyclohexane	83	3.723	3.723	(1.037)	312424	20.0000	20
	57 1,2-Dichloropropane	63	4.192	4.192	(1.168)	266559	20.0000	20
	68 Bromodichloromethane	83	4.266	4.266	(1.189)	302742	20.0000	20
	67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	412847	20.0000	20
	70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	271059	20.0000	20
$	65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	2252606	50.0000	50
	66 Toluene	91	5.156	5.156	(0.741)	1095520	20.0000	22
	64 trans-1,3-Dichloropropene	75	5.643	5.643	(0.812)	369516	20.0000	20
	69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	175853	20.0000	20
	71 Tetrachloroethene	166	5.576	5.576	(0.802)	258990	20.0000	22
	73 2-Hexanone	43	6.680	6.680	(0.961)	205286	20.0000	20
	74 Dibromochloromethane	129	6.015	6.015	(0.865)	237421	20.0000	20
	77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	210900	20.0000	20
*	78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1921967	50.0000	
	79 Chlorobenzene	112	6.972	6.972	(1.003)	714336	20.0000	21
	81 Ethylbenzene	106	7.064	7.064	(1.016)	380762	20.0000	21
	82 m+p-Xylene	106	7.277	7.277	(1.046)	968280	40.0000	42
	84 o-Xylene	106	7.856	7.856	(1.130)	472158	20.0000	21
	85 Styrene	104	7.942	7.942	(1.142)	809158	20.0000	21
	86 Bromoform	173	7.911	7.911	(1.138)	165267	20.0000	20
	88 Isopropylbenzene	105	8.344	8.344	(1.200)	1199765	20.0000	22
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	847619	50.0000	50
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	277413	20.0000	20
	105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	557342	20.0000	21
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1048295	50.0000	
	109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	574816	20.0000	21
	111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	528396	20.0000	21
	112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	45388	20.0000	19
	114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	264648	20.0000	21
M	120 1,2-Dichloroethene (Total)	100				436629	40.0000	42
M	121 Xylene (Total)	100				1440438	60.0000	63

Data File: e07839.d

Date: 17-SEP-2012 06:00

Client ID: Instrument: VOAMS5.i

Sample Info: ICIS-VMCAL3 Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07840.d
Report Date: 17-Sep-2012 13:17

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07840.d
Lab Smp Id: IC-VMCAL4
Inj Date : 17-SEP-2012 06:23
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL4
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	450014	50.0000	53
3 Chloromethane	50	1.010	1.010	(0.281)	935453	50.0000	52
4 Vinyl Chloride	62	1.016	1.016	(0.283)	757876	50.0000	53
6 Bromomethane	94	1.175	1.175	(0.327)	307121	50.0000	49
5 Chloroethane	64	1.230	1.230	(0.342)	284219	50.0000	54
7 Trichlorofluoromethane	101	1.290	1.290	(0.359)	566305	50.0000	49
14 Freon TF	101	1.565	1.565	(0.435)	443949	50.0000	55
15 1,1-Dichloroethene	96	1.540	1.540	(0.428)	355088	50.0000	49
16 Acetone	58	1.888	1.888	(0.525)	43750	50.0000	50
18 Carbon Disulfide	76	1.559	1.559	(0.434)	1763903	50.0000	53
27 Methyl Acetate	74	1.961	1.961	(0.546)	101112	50.0000	49
22 Methylene Chloride	49	1.851	1.851	(0.515)	840419	50.0000	49
28 MTBE	73	2.016	2.016	(0.561)	1636664	50.0000	50
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	521911	50.0000	53
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	1121930	50.0000	51
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.735)	567238	50.0000	50

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07840.d
Report Date: 17-Sep-2012 13:17

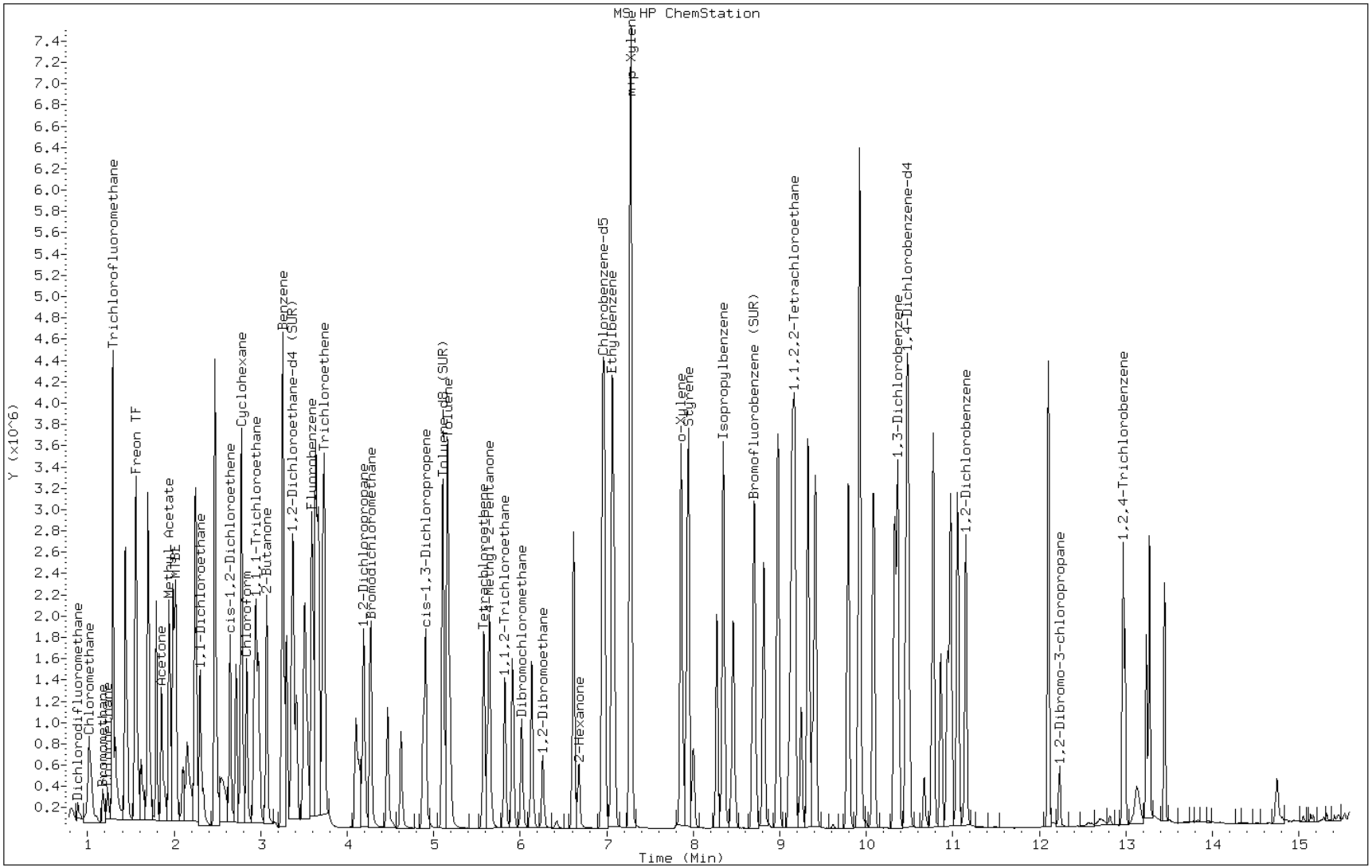
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	38	2-Butanone	72	3.071	3.071	(0.854)	89217	50.0000	54
	42	Chloroform	83	2.839	2.839	(0.790)	974788	50.0000	51
	44	Cyclohexane	56	2.778	2.778	(0.773)	1067735	50.0000	54
	43	1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	821993	50.0000	51
	45	Carbon Tetrachloride	117	2.924	2.924	(0.813)	675330	50.0000	52
	48	Benzene	78	3.254	3.254	(0.468)	2380099	50.0000	51
$	47	1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	613057	50.0000	48
	49	1,2-Dichloroethane	62	3.412	3.412	(0.949)	785178	50.0000	50
*	52	Fluorobenzene	96	3.595	3.595	(1.000)	2400971	50.0000	
	54	Trichloroethene	95	3.735	3.735	(1.039)	562086	50.0000	49
	56	Methyl cyclohexane	83	3.723	3.723	(1.036)	894738	50.0000	56
	57	1,2-Dichloropropane	63	4.192	4.192	(1.166)	655380	50.0000	50
	68	Bromodichloromethane	83	4.272	4.272	(1.188)	754124	50.0000	49
	67	cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	1024782	50.0000	49
	70	4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	697282	50.0000	49
$	65	Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	2273339	50.0000	50
	66	Toluene	91	5.162	5.162	(0.742)	2719268	50.0000	52
	64	trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	938808	50.0000	50
	69	1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	432262	50.0000	49
	71	Tetrachloroethene	166	5.576	5.576	(0.802)	639002	50.0000	52
	73	2-Hexanone	43	6.680	6.680	(0.961)	526223	50.0000	50
	74	Dibromochloromethane	129	6.015	6.015	(0.865)	599464	50.0000	49
	77	1,2-Dibromoethane	107	6.259	6.259	(0.900)	524614	50.0000	50
*	78	Chlorobenzene-d5	117	6.954	6.954	(1.000)	1964266	50.0000	
	79	Chlorobenzene	112	6.972	6.972	(1.003)	1781568	50.0000	51
	81	Ethylbenzene	106	7.064	7.064	(1.016)	955894	50.0000	51
	82	m+p-Xylene	106	7.277	7.277	(1.046)	2423002	100.000	100
	84	o-Xylene	106	7.862	7.862	(1.131)	1181273	50.0000	51
	85	Styrene	104	7.942	7.942	(1.142)	2064560	50.0000	52
	86	Bromoform	173	7.911	7.911	(1.138)	430943	50.0000	51
	88	Isopropylbenzene	105	8.350	8.350	(1.201)	3014281	50.0000	54
$	89	Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	870646	50.0000	50
	92	1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	702309	50.0000	50
	105	1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	1421450	50.0000	51
*	108	1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1082388	50.0000	
	109	1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	1464915	50.0000	51
	111	1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	1324016	50.0000	50
	112	1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	120062	50.0000	49
	114	1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	678119	50.0000	51
M	120	1,2-Dichloroethene (Total)	100				1089149	100.000	100
M	121	Xylene (Total)	100				3604275	150.000	160

Data File: e07840.d

Date: 17-SEP-2012 06:23

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL4 Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07841.d
Report Date: 17-Sep-2012 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07841.d
Lab Smp Id: IC-VMCAL5
Inj Date : 17-SEP-2012 06:46
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL5
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	1798263	200.000	200
3 Chloromethane	50	1.010	1.010	(0.281)	3551906	200.000	190
4 Vinyl Chloride	62	1.016	1.016	(0.283)	2954383	200.000	200
6 Bromomethane	94	1.175	1.175	(0.327)	1285567	200.000	190
5 Chloroethane	64	1.230	1.230	(0.342)	1005976	200.000	180
7 Trichlorofluoromethane	101	1.291	1.291	(0.359)	2495326	200.000	200
14 Freon TF	101	1.565	1.565	(0.435)	1913025	200.000	220
15 1,1-Dichloroethene	96	1.541	1.541	(0.429)	1549102	200.000	200
16 Acetone	58	1.894	1.894	(0.527)	164598	200.000	180
18 Carbon Disulfide	76	1.559	1.559	(0.434)	7384049	200.000	210
27 Methyl Acetate	74	1.961	1.961	(0.546)	407713	200.000	190
22 Methylene Chloride	49	1.851	1.851	(0.515)	3225631	200.000	180
28 MTBE	73	2.016	2.016	(0.561)	7002522	200.000	200
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	2044335	200.000	200
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	4556341	200.000	200
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	2267968	200.000	190

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07841.d
Report Date: 17-Sep-2012 13:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	38 2-Butanone	72	3.071	3.071	(0.854)	377317	200.000	220
	42 Chloroform	83	2.839	2.839	(0.790)	4002506	200.000	200
	44 Cyclohexane	56	2.784	2.784	(0.774)	4704103	200.000	220
	43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	3633125	200.000	210
	45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	2970592	200.000	220
	48 Benzene	78	3.260	3.260	(0.468)	9863557	200.000	210
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	676105	50.0000	50
	49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	3236838	200.000	190
*	52 Fluorobenzene	96	3.595	3.595	(1.000)	2534623	50.0000	
	54 Trichloroethene	95	3.741	3.741	(1.041)	2397838	200.000	200
	56 Methyl cyclohexane	83	3.729	3.729	(1.037)	3740947	200.000	220
	57 1,2-Dichloropropane	63	4.199	4.199	(1.168)	2762116	200.000	200
	68 Bromodichloromethane	83	4.272	4.272	(1.188)	3283607	200.000	200
	67 cis-1,3-Dichloropropene	75	4.912	4.912	(0.706)	4330221	200.000	200
	70 4-Methyl-2-Pentanone	43	5.631	5.631	(0.809)	2892746	200.000	200
$	65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	2337515	50.0000	50
	66 Toluene	91	5.162	5.162	(0.742)	10779721	200.000	200
	64 trans-1,3-Dichloropropene	75	5.656	5.656	(0.813)	3942425	200.000	200
	69 1,1,2-Trichloroethane	83	5.826	5.826	(0.837)	1754301	200.000	190
	71 Tetrachloroethene	166	5.582	5.582	(0.802)	2589541	200.000	210
	73 2-Hexanone	43	6.686	6.686	(0.961)	2211715	200.000	210
	74 Dibromochloromethane	129	6.021	6.021	(0.865)	2498269	200.000	200
	77 1,2-Dibromoethane	107	6.265	6.265	(0.900)	2110766	200.000	200
*	78 Chlorobenzene-d5	117	6.960	6.960	(1.000)	2007362	50.0000	
	79 Chlorobenzene	112	6.978	6.978	(1.003)	7007520	200.000	200
	81 Ethylbenzene	106	7.076	7.076	(1.017)	3881643	200.000	200
	82 m+p-Xylene	106	7.289	7.289	(1.047)	9786882	400.000	410
	84 o-Xylene	106	7.869	7.869	(1.131)	4809215	200.000	200
	85 Styrene	104	7.954	7.954	(1.143)	8412645	200.000	210
	86 Bromoform	173	7.923	7.923	(1.138)	1812795	200.000	210
	88 Isopropylbenzene	105	8.356	8.356	(1.201)	12317103	200.000	220(A)
$	89 Bromofluorobenzene (SUR)	174	8.716	8.716	(0.832)	929176	50.0000	51
	92 1,1,2,2-Tetrachloroethane	83	9.124	9.124	(0.871)	2898768	200.000	200
	105 1,3-Dichlorobenzene	146	10.344	10.344	(0.987)	5787314	200.000	200
*	108 1,4-Dichlorobenzene-d4	152	10.478	10.478	(1.000)	1134091	50.0000	
	109 1,4-Dichlorobenzene	146	10.502	10.502	(1.002)	5901891	200.000	200
	111 1,2-Dichlorobenzene	146	11.167	11.167	(1.066)	5328621	200.000	190
	112 1,2-Dibromo-3-chloropropane	75	12.240	12.240	(1.168)	472744	200.000	180
	114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.238)	2596959	200.000	190
M	120 1,2-Dichloroethene (Total)	100				4312303	400.000	380
M	121 Xylene (Total)	100				14596097	600.000	620

QC Flag Legend

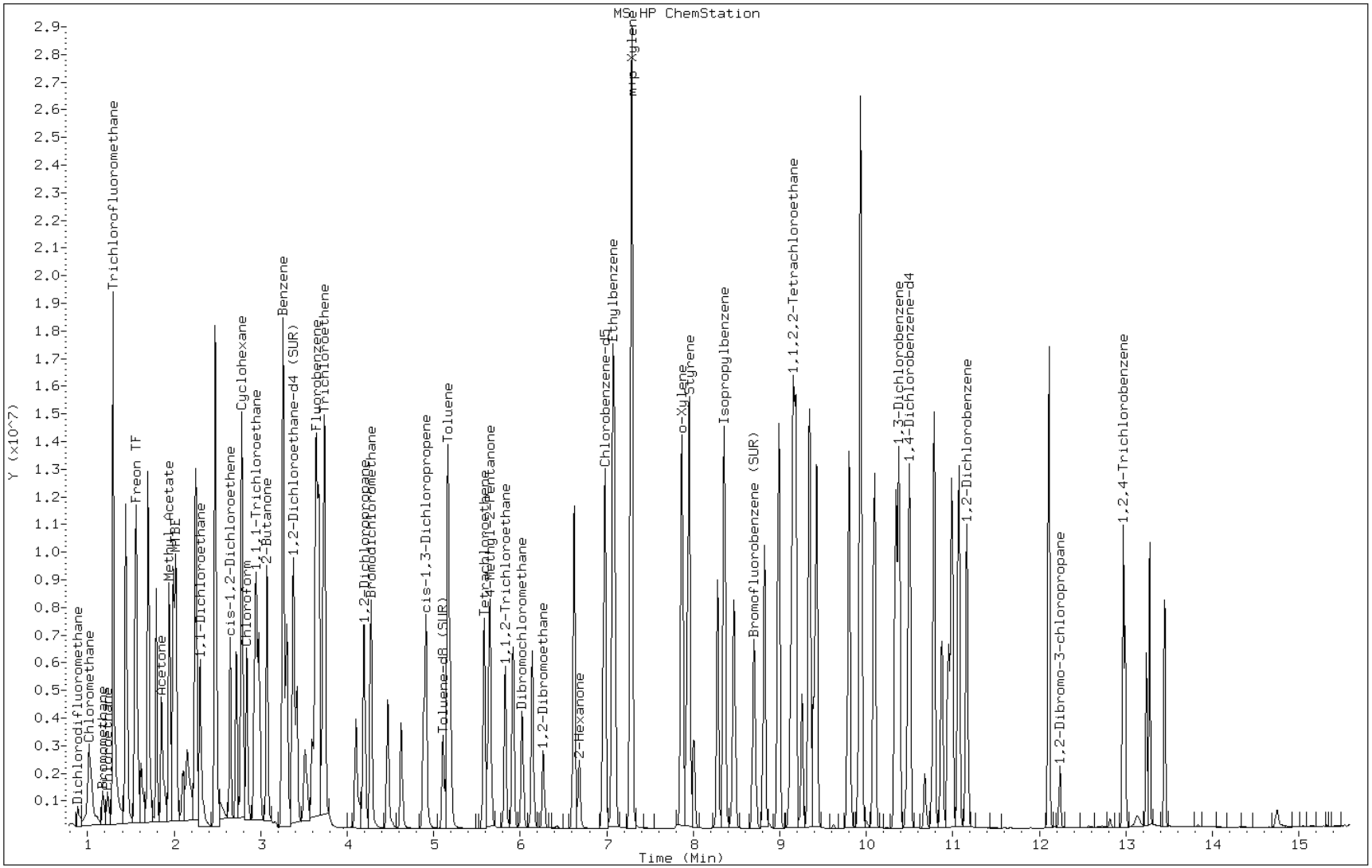
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: e07841.d

Date: 17-SEP-2012 06:46

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL5 Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07842.d
Report Date: 17-Sep-2012 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07842.d
Lab Smp Id: IC-VMCAL6
Inj Date : 17-SEP-2012 07:10
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : IC-VMCAL6
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	4551928	500.000	450
3 Chloromethane	50	1.010	1.010	(0.280)	8902969	500.000	410
4 Vinyl Chloride	62	1.016	1.016	(0.282)	7332518	500.000	420
6 Bromomethane	94	1.175	1.175	(0.326)	3429373	500.000	450
5 Chloroethane	64	1.230	1.230	(0.341)	2426216	500.000	380
7 Trichlorofluoromethane	101	1.297	1.297	(0.360)	6618134	500.000	470
14 Freon TF	101	1.571	1.571	(0.436)	5130629	500.000	520(A)
15 1,1-Dichloroethene	96	1.547	1.547	(0.429)	4214942	500.000	490
16 Acetone	58	1.894	1.894	(0.526)	441742	500.000	420
18 Carbon Disulfide	76	1.559	1.559	(0.433)	18433408	500.000	460
27 Methyl Acetate	74	1.961	1.961	(0.545)	1074355	500.000	440
22 Methylene Chloride	49	1.851	1.851	(0.514)	8533685	500.000	410
28 MTBE	73	2.022	2.022	(0.562)	17351574	500.000	440
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	5633771	500.000	470
30 1,1-Dichloroethane	63	2.302	2.302	(0.639)	12326764	500.000	460
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.736)	6324299	500.000	460

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07842.d
Report Date: 17-Sep-2012 13:17

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	38 2-Butanone	72	3.083	3.083	(0.856)	1055008	500.000	530(A)
	42 Chloroform	83	2.845	2.845	(0.790)	11152231	500.000	480
	44 Cyclohexane	56	2.790	2.790	(0.775)	12852489	500.000	540(A)
	43 1,1,1-Trichloroethane	97	2.985	2.985	(0.829)	10199723	500.000	520(A)
	45 Carbon Tetrachloride	117	2.936	2.936	(0.815)	8405131	500.000	540(A)
	48 Benzene	78	3.260	3.260	(0.468)	21876514	500.000	410
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.369	3.369	(0.936)	782507	50.0000	51
	49 1,2-Dichloroethane	62	3.424	3.424	(0.951)	9046377	500.000	480
*	52 Fluorobenzene	96	3.601	3.601	(1.000)	2895790	50.0000	
	54 Trichloroethene	95	3.753	3.753	(1.042)	7026524	500.000	510(A)
	56 Methyl cyclohexane	83	3.741	3.741	(1.039)	10227785	500.000	530(A)
	57 1,2-Dichloropropane	63	4.205	4.205	(1.168)	7913672	500.000	500
	68 Bromodichloromethane	83	4.284	4.284	(1.190)	9374106	500.000	510(A)
	67 cis-1,3-Dichloropropene	75	4.924	4.924	(0.706)	12299317	500.000	520(A)
	70 4-Methyl-2-Pentanone	43	5.649	5.649	(0.810)	8212153	500.000	510(A)
$	65 Toluene-d8 (SUR)	98	5.113	5.113	(0.733)	2600040	50.0000	50
	66 Toluene	91	5.168	5.168	(0.741)	23868197	500.000	400
	64 trans-1,3-Dichloropropene	75	5.668	5.668	(0.813)	11373599	500.000	530(A)
	69 1,1,2-Trichloroethane	83	5.838	5.838	(0.837)	5071317	500.000	500(A)
	71 Tetrachloroethene	166	5.594	5.594	(0.802)	7239654	500.000	520(A)
	73 2-Hexanone	43	6.698	6.698	(0.961)	5590902	500.000	470
	74 Dibromochloromethane	129	6.033	6.033	(0.865)	7227226	500.000	530(A)
	77 1,2-Dibromoethane	107	6.277	6.277	(0.900)	5952425	500.000	500(A)
*	78 Chlorobenzene-d5	117	6.972	6.972	(1.000)	2224153	50.0000	
	79 Chlorobenzene	112	6.997	6.997	(1.003)	18374405	500.000	460
	81 Ethylbenzene	106	7.094	7.094	(1.017)	10693410	500.000	500(A)
	82 m+p-Xylene	106	7.308	7.308	(1.048)	23238078	1000.00	880
	84 o-Xylene	106	7.887	7.887	(1.131)	12821590	500.000	490
	85 Styrene	104	7.966	7.966	(1.143)	19831782	500.000	440
	86 Bromoform	173	7.942	7.942	(1.139)	4974461	500.000	520(A)
	88 Isopropylbenzene	105	8.368	8.368	(1.200)	26165908	500.000	420(A)
$	89 Bromofluorobenzene (SUR)	174	8.728	8.728	(0.832)	954872	50.0000	51
	92 1,1,2,2-Tetrachloroethane	83	9.143	9.143	(0.871)	7365342	500.000	490
	105 1,3-Dichlorobenzene	146	10.362	10.362	(0.987)	14243841	500.000	480
*	108 1,4-Dichlorobenzene-d4	152	10.496	10.496	(1.000)	1163568	50.0000	
	109 1,4-Dichlorobenzene	146	10.526	10.526	(1.003)	14602396	500.000	470
	111 1,2-Dichlorobenzene	146	11.185	11.185	(1.066)	13405399	500.000	480
	112 1,2-Dibromo-3-chloropropane	75	12.246	12.246	(1.167)	1274610	500.000	480
	114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.236)	6669727	500.000	470
M	120 1,2-Dichloroethene (Total)	100				11958070	1000.00	940
M	121 Xylene (Total)	100				36059668	1500.00	1400

QC Flag Legend

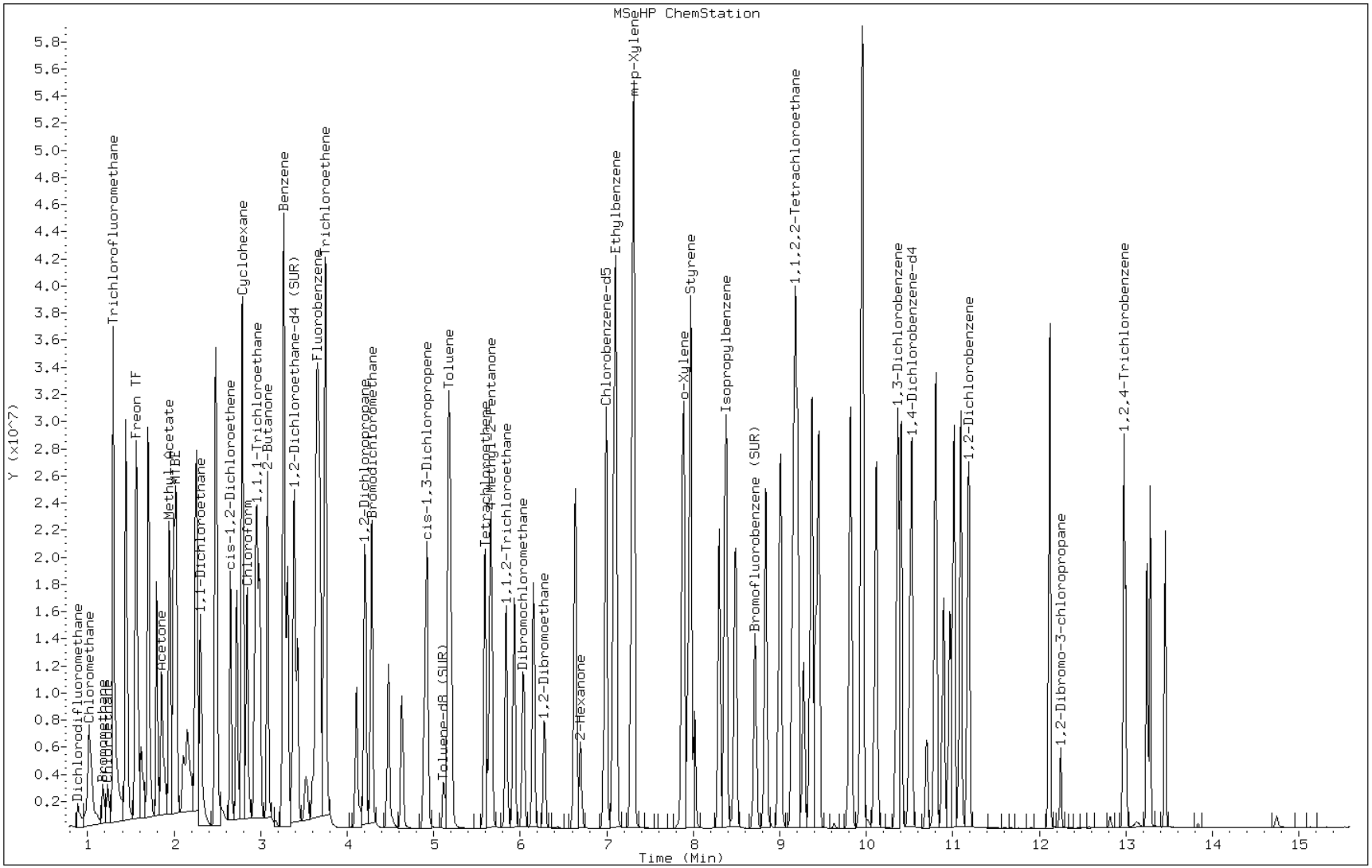
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: e07842.d

Date: 17-SEP-2012 07:10

Client ID: Instrument: VOAMS5.i

Sample Info: IC-VMCAL6 Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCVIS 460-131656/2 Calibration Date: 10/11/2012 20:50

Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 09/17/2012 07:10

Lab File ID: e08976.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1761	0.1947	0.1000	22.1	20.0	10.5	25.0
Chloromethane	Ave	0.3733	0.3223	0.1000	17.3	20.0	-13.7	25.0
Vinyl chloride	Ave	0.2985	0.2744	0.1000	18.4	20.0	-8.1	25.0
Bromomethane	Ave	0.1312	0.1594	0.1000	24.3	20.0	21.5	25.0
Chloroethane	Ave	0.1099	0.1275	0.1000	23.2	20.0	16.0	25.0
Trichlorofluoromethane	Ave	0.2422	0.2960	0.1000	24.4	20.0	22.2	25.0
1,1-Dichloroethene	Ave	0.1496	0.1610	0.1000	21.5	20.0	7.6	25.0
Carbon disulfide	Ave	0.6887	0.6558	0.1000	19.0	20.0	-4.8	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1691	0.1989	0.1000	23.5	20.0	17.6	25.0
Methylene Chloride	Ave	0.3576	0.3415	0.1000	19.1	20.0	-4.5	25.0
Acetone	Ave	0.0184	0.0214*	0.1000	23.3	20.0	16.4	25.0
trans-1,2-Dichloroethene	Ave	0.2052	0.2089	0.1000	20.4	20.0	1.8	25.0
Methyl acetate	Ave	0.0426	0.0377*	0.1000	17.7	20.0	-11.5	25.0
Methyl tert-butyl ether	Ave	0.6838	0.6658	0.1000	19.5	20.0	-2.6	25.0
1,1-Dichloroethane	Ave	0.4582	0.4434	0.1000	19.4	20.0	-3.2	25.0
cis-1,2-Dichloroethene	Ave	0.2361	0.2276	0.1000	19.3	20.0	-3.6	25.0
Cyclohexane	Ave	0.4145	0.3389	0.1000	16.3	20.0	-18.3	25.0
Chloroform	Ave	0.3982	0.3977	0.1000	20.0	20.0	-0.1	25.0
Carbon tetrachloride	Ave	0.2705	0.2816	0.1000	20.8	20.0	4.1	25.0
1,1,1-Trichloroethane	Ave	0.3375	0.3523	0.1000	20.9	20.0	4.4	25.0
2-Butanone (MEK)	Ave	0.0341	0.0354*	0.1000	20.8	20.0	4.0	25.0
Benzene	Ave	1.190	1.030	0.1000	17.3	20.0	-13.4	25.0
1,2-Dichloroethane	Ave	0.3284	0.3316	0.1000	20.2	20.0	1.0	25.0
Methylcyclohexane	Ave	0.3325	0.2806	0.1000	16.9	20.0	-15.6	25.0
Trichloroethene	Ave	0.2385	0.2286	0.1000	19.2	20.0	-4.1	25.0
1,2-Dichloropropane	Ave	0.2756	0.2420	0.1000	17.6	20.0	-12.2	25.0
Dichlorobromomethane	Ave	0.3195	0.3036	0.1000	19.0	20.0	-5.0	25.0
cis-1,3-Dichloropropene	Ave	0.5308	0.4386	0.1000	16.5	20.0	-17.4	25.0
Toluene	Ave	1.323	1.215	0.1000	18.4	20.0	-8.1	25.0
Tetrachloroethene	Ave	0.3113	0.3028	0.1000	19.5	20.0	-2.7	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3593	0.2732	0.1000	15.2	20.0	-24.0	25.0
trans-1,3-Dichloropropene	Ave	0.4819	0.3966	0.1000	16.5	20.0	-17.7	25.0
1,1,2-Trichloroethane	Ave	0.2264	0.1851	0.1000	16.4	20.0	-18.2	25.0
Chlorodibromomethane	Ave	0.3083	0.2650	0.1000	17.2	20.0	-14.1	25.0
1,2-Dibromoethane	Ave	0.2670	0.2310	0.1000	17.3	20.0	-13.5	25.0
2-Hexanone	Ave	0.2668	0.2097	0.1000	15.7	20.0	-21.4	25.0
Chlorobenzene	Ave	0.8882	0.8302	0.1000	18.7	20.0	-6.5	25.0
Ethylbenzene	Ave	0.4756	0.4371	0.1000	18.4	20.0	-8.1	25.0
m-Xylene & p-Xylene	Ave	0.5917	0.5558	0.1000	37.6	40.0	-6.1	25.0
o-Xylene	Ave	0.5886	0.5454	0.1000	18.5	20.0	-7.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCVIS 460-131656/2 Calibration Date: 10/11/2012 20:50

Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 09/17/2012 07:10

Lab File ID: e08976.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.2147	0.1881	0.1000	17.5	20.0	-12.4	25.0
Styrene	Ave	1.000	0.9218	0.1000	18.4	20.0	-7.8	25.0
Isopropylbenzene	Ave	1.415	1.342	0.1000	19.0	20.0	-5.2	25.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.5123	0.1000	15.9	20.0	-20.7	25.0
1,3-Dichlorobenzene	Ave	1.279	1.186	0.1000	18.6	20.0	-7.2	25.0
1,4-Dichlorobenzene	Ave	1.326	1.231	0.1000	18.6	20.0	-7.2	25.0
1,2-Dichlorobenzene	Ave	1.209	1.121	0.1000	18.5	20.0	-7.3	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1130	0.0861*	0.1000	15.2	20.0	-23.8	25.0
1,2,4-Trichlorobenzene	Ave	0.6118	0.6303	0.1000	20.6	20.0	3.0	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.3109	0.1000	58.9	50.0	17.8	25.0
Toluene-d8 (Surr)	Ave	1.167	1.155	0.1000	49.5	50.0	-1.1	25.0
4-Bromofluorobenzene	Ave	0.8079	0.8111	0.1000	50.2	50.0	0.4	25.0

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08976.d
Report Date: 11-Oct-2012 21:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08976.d
Lab Smp Id: CCVIS
Inj Date : 11-OCT-2012 20:50
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/8260DE_09.m
Meth Date : 11-Oct-2012 21:30 ken Quant Type: ISTD
Cal Date : 11-OCT-2012 20:50 Cal File: e08976.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.900	0.900	(0.250)	102235	20.0000	22
3 Chloromethane	50	1.016	1.016	(0.282)	169224	20.0000	17
4 Vinyl Chloride	62	1.028	1.028	(0.286)	144069	20.0000	18
6 Bromomethane	94	1.181	1.181	(0.328)	83687	20.0000	24
5 Chloroethane	64	1.242	1.242	(0.345)	66969	20.0000	23
7 Trichlorofluoromethane	101	1.303	1.303	(0.362)	155393	20.0000	24
14 Freon TF	101	1.577	1.577	(0.438)	104446	20.0000	24
15 1,1-Dichloroethene	96	1.553	1.553	(0.431)	84531	20.0000	22
16 Acetone	58	1.894	1.894	(0.526)	11228	20.0000	23
18 Carbon Disulfide	76	1.571	1.571	(0.436)	344348	20.0000	19
27 Methyl Acetate	74	1.967	1.967	(0.546)	19813	20.0000	18
22 Methylene Chloride	49	1.864	1.864	(0.518)	179288	20.0000	19
28 MTBE	73	2.022	2.022	(0.562)	349596	20.0000	19
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.541)	109681	20.0000	20
30 1,1-Dichloroethane	63	2.309	2.309	(0.641)	232818	20.0000	19
36 cis-1,2-Dichloroethene	96	2.656	2.656	(0.738)	119502	20.0000	19

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08976.d
Report Date: 11-Oct-2012 21:30

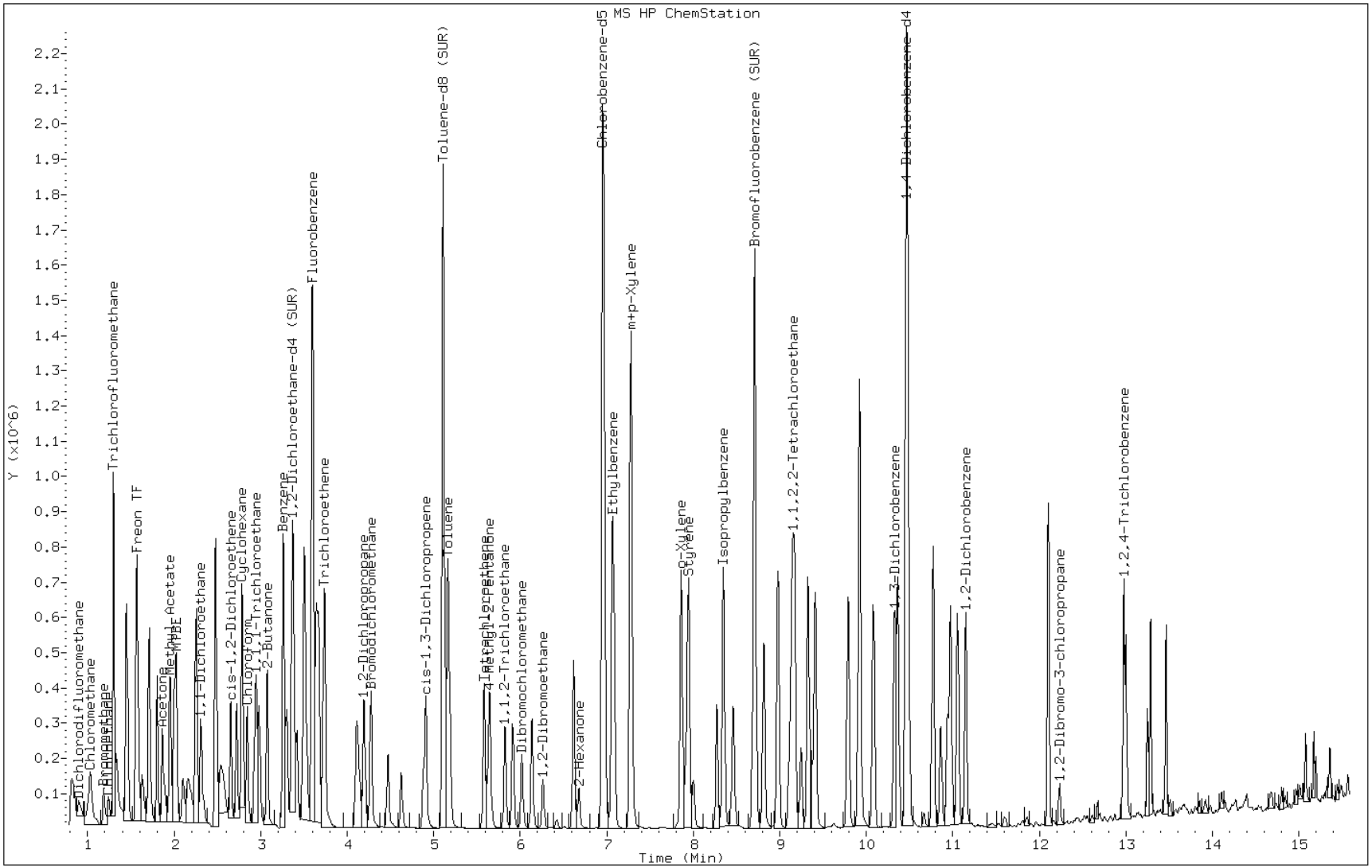
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	38	2-Butanone	72	3.077	3.077	(0.854)	18598	20.0000	21
	42	Chloroform	83	2.845	2.845	(0.790)	208815	20.0000	20
	44	Cyclohexane	56	2.784	2.784	(0.773)	177923	20.0000	16
	43	1,1,1-Trichloroethane	97	2.985	2.985	(0.829)	185002	20.0000	21
	45	Carbon Tetrachloride	117	2.937	2.937	(0.815)	147853	20.0000	21
	48	Benzene	78	3.260	3.260	(0.469)	476925	20.0000	17
$	47	1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.934)	408134	50.0000	59
	49	1,2-Dichloroethane	62	3.418	3.418	(0.949)	174132	20.0000	20
*	52	Fluorobenzene	96	3.601	3.601	(1.000)	1312656	50.0000	
	54	Trichloroethene	95	3.741	3.741	(1.039)	120041	20.0000	19
	56	Methyl cyclohexane	83	3.729	3.729	(1.036)	147336	20.0000	17
	57	1,2-Dichloropropane	63	4.199	4.199	(1.166)	127078	20.0000	18
	68	Bromodichloromethane	83	4.272	4.272	(1.186)	159386	20.0000	19
	67	cis-1,3-Dichloropropene	75	4.912	4.912	(0.706)	203059	20.0000	16
	70	4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	126467	20.0000	15
$	65	Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1336847	50.0000	49
	66	Toluene	91	5.162	5.162	(0.742)	562689	20.0000	18
	64	trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	183587	20.0000	16
	69	1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	85707	20.0000	16
	71	Tetrachloroethene	166	5.582	5.582	(0.803)	140177	20.0000	19
	73	2-Hexanone	43	6.680	6.680	(0.961)	97080	20.0000	16
	74	Dibromochloromethane	129	6.021	6.021	(0.866)	122657	20.0000	17
	77	1,2-Dibromoethane	107	6.265	6.265	(0.901)	106920	20.0000	17
*	78	Chlorobenzene-d5	117	6.954	6.954	(1.000)	1157341	50.0000	
	79	Chlorobenzene	112	6.972	6.972	(1.003)	384334	20.0000	19
	81	Ethylbenzene	106	7.064	7.064	(1.016)	202362	20.0000	18
	82	m+p-Xylene	106	7.277	7.277	(1.046)	514606	40.0000	38
	84	o-Xylene	106	7.862	7.862	(1.131)	252476	20.0000	18
	85	Styrene	104	7.942	7.942	(1.142)	426740	20.0000	18
	86	Bromoform	173	7.911	7.911	(1.138)	87078	20.0000	18
	88	Isopropylbenzene	105	8.350	8.350	(1.201)	621124	20.0000	19
$	89	Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	541700	50.0000	50
	92	1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	136860	20.0000	16
	105	1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	316835	20.0000	18
*	108	1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	667834	50.0000	
	109	1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	328709	20.0000	18
	111	1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	299393	20.0000	18
	112	1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	23001	20.0000	15
	114	1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	168371	20.0000	21
M	120	1,2-Dichloroethene (Total)	100				229183	40.0000	40
M	121	Xylene (Total)	100				767082	60.0000	56

Data File: e08976.d

Date: 11-OCT-2012 20:50

Client ID: Instrument: VOAMS5.i

Sample Info: CCVIS Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCV 460-131656/10 Calibration Date: 10/12/2012 01:14

Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 09/17/2012 07:10

Lab File ID: e08987.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1761	0.1666	0.1000	18.9	20.0	-5.4	25.0
Chloromethane	Ave	0.3733	0.3114	0.1000	16.7	20.0	-16.6	25.0
Vinyl chloride	Ave	0.2985	0.2560	0.1000	17.2	20.0	-14.2	25.0
Bromomethane	Ave	0.1312	0.1623	0.1000	24.7	20.0	23.7	25.0
Chloroethane	Ave	0.1099	0.1272	0.1000	23.1	20.0	15.7	25.0
Trichlorofluoromethane	Ave	0.2422	0.2571	0.1000	21.2	20.0	6.2	25.0
1,1-Dichloroethene	Ave	0.1496	0.1849	0.1000	24.7	20.0	23.6	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1691	0.2255	0.1000	26.7	20.0	33.4*	25.0
Carbon disulfide	Ave	0.6887	0.7885	0.1000	22.9	20.0	14.5	25.0
Methylene Chloride	Ave	0.3576	0.3513	0.1000	19.6	20.0	-1.8	25.0
Acetone	Ave	0.0184	0.0220*	0.1000	23.9	20.0	19.7	25.0
trans-1,2-Dichloroethene	Ave	0.2052	0.2320	0.1000	22.6	20.0	13.0	25.0
Methyl acetate	Ave	0.0426	0.0487*	0.1000	22.8	20.0	14.1	25.0
Methyl tert-butyl ether	Ave	0.6838	0.7695	0.1000	22.5	20.0	12.5	25.0
1,1-Dichloroethane	Ave	0.4582	0.4698	0.1000	20.5	20.0	2.5	25.0
cis-1,2-Dichloroethene	Ave	0.2361	0.2409	0.1000	20.4	20.0	2.0	25.0
Cyclohexane	Ave	0.4145	0.3840	0.1000	18.5	20.0	-7.4	25.0
Chloroform	Ave	0.3982	0.4382	0.1000	22.0	20.0	10.0	25.0
Carbon tetrachloride	Ave	0.2705	0.2918	0.1000	21.6	20.0	7.9	25.0
1,1,1-Trichloroethane	Ave	0.3375	0.3628	0.1000	21.5	20.0	7.5	25.0
2-Butanone (MEK)	Ave	0.0341	0.0425*	0.1000	25.0	20.0	24.8	25.0
Benzene	Ave	1.190	1.115	0.1000	18.8	20.0	-6.2	25.0
1,2-Dichloroethane	Ave	0.3284	0.3596	0.1000	21.9	20.0	9.5	25.0
Methylcyclohexane	Ave	0.3325	0.3448	0.1000	20.7	20.0	3.7	25.0
Trichloroethene	Ave	0.2385	0.2483	0.1000	20.8	20.0	4.1	25.0
1,2-Dichloropropane	Ave	0.2756	0.2652	0.1000	19.2	20.0	-3.8	25.0
Dichlorobromomethane	Ave	0.3195	0.3398	0.1000	21.3	20.0	6.3	25.0
cis-1,3-Dichloropropene	Ave	0.5308	0.4904	0.1000	18.5	20.0	-7.6	25.0
Toluene	Ave	1.323	1.280	0.1000	19.4	20.0	-3.2	25.0
Tetrachloroethene	Ave	0.3113	0.3231	0.1000	20.8	20.0	3.8	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3593	0.3197	0.1000	17.8	20.0	-11.0	25.0
trans-1,3-Dichloropropene	Ave	0.4819	0.4541	0.1000	18.8	20.0	-5.8	25.0
1,1,2-Trichloroethane	Ave	0.2264	0.2125	0.1000	18.8	20.0	-6.1	25.0
Chlorodibromomethane	Ave	0.3083	0.3064	0.1000	19.9	20.0	-0.6	25.0
1,2-Dibromoethane	Ave	0.2670	0.2613	0.1000	19.6	20.0	-2.2	25.0
2-Hexanone	Ave	0.2668	0.2438	0.1000	18.3	20.0	-8.6	25.0
Chlorobenzene	Ave	0.8882	0.8793	0.1000	19.8	20.0	-1.0	25.0
Ethylbenzene	Ave	0.4756	0.4631	0.1000	19.5	20.0	-2.6	25.0
m-Xylene & p-Xylene	Ave	0.5917	0.5875	0.1000	39.7	40.0	-0.7	25.0
o-Xylene	Ave	0.5886	0.5785	0.1000	19.7	20.0	-1.7	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCV 460-131656/10 Calibration Date: 10/12/2012 01:14

Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 09/17/2012 07:10

Lab File ID: e08987.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.2147	0.2231	0.1000	20.8	20.0	3.9	25.0
Styrene	Ave	1.000	0.9905	0.1000	19.8	20.0	-0.9	25.0
Isopropylbenzene	Ave	1.415	1.439	0.1000	20.3	20.0	1.7	25.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.5796	0.1000	17.9	20.0	-10.3	25.0
1,3-Dichlorobenzene	Ave	1.279	1.259	0.1000	19.7	20.0	-1.5	25.0
1,4-Dichlorobenzene	Ave	1.326	1.306	0.1000	19.7	20.0	-1.5	25.0
1,2-Dichlorobenzene	Ave	1.209	1.215	0.1000	20.1	20.0	0.5	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1130	0.1029	0.1000	18.2	20.0	-9.0	25.0
1,2,4-Trichlorobenzene	Ave	0.6118	0.7439	0.1000	24.3	20.0	21.6	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.3209	0.1000	60.8	50.0	21.6	25.0
Toluene-d8 (Surr)	Ave	1.167	1.147	0.1000	49.1	50.0	-1.8	25.0
4-Bromofluorobenzene	Ave	0.8079	0.8063	0.1000	49.9	50.0	-0.2	25.0

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12a.b/e08987.d
Report Date: 12-Oct-2012 01:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12a.b/e08987.d
Lab Smp Id: CCV
Inj Date : 12-OCT-2012 01:14
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : CCV
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12a.b/8260DE_09.m
Meth Date : 12-Oct-2012 01:32 ken Quant Type: ISTD
Cal Date : 12-OCT-2012 01:14 Cal File: e08987.d
Als bottle: 12 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	84911	20.0000	19
3 Chloromethane	50	1.016	1.016	(0.283)	158694	20.0000	17
4 Vinyl Chloride	62	1.022	1.022	(0.284)	130464	20.0000	17
6 Bromomethane	94	1.181	1.181	(0.328)	82695	20.0000	25
5 Chloroethane	64	1.236	1.236	(0.344)	64840	20.0000	23
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	131020	20.0000	21
14 Freon TF	101	1.565	1.565	(0.435)	114931	20.0000	27
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	94244	20.0000	25
16 Acetone	58	1.894	1.894	(0.527)	11208	20.0000	24
18 Carbon Disulfide	76	1.565	1.565	(0.435)	401807	20.0000	23
27 Methyl Acetate	74	1.961	1.961	(0.546)	24794	20.0000	23
22 Methylene Chloride	49	1.857	1.857	(0.517)	179010	20.0000	20
28 MTBE	73	2.022	2.022	(0.562)	392131	20.0000	22
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	118223	20.0000	23
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	239419	20.0000	20
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	122782	20.0000	20

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12a.b/e08987.d
Report Date: 12-Oct-2012 01:32

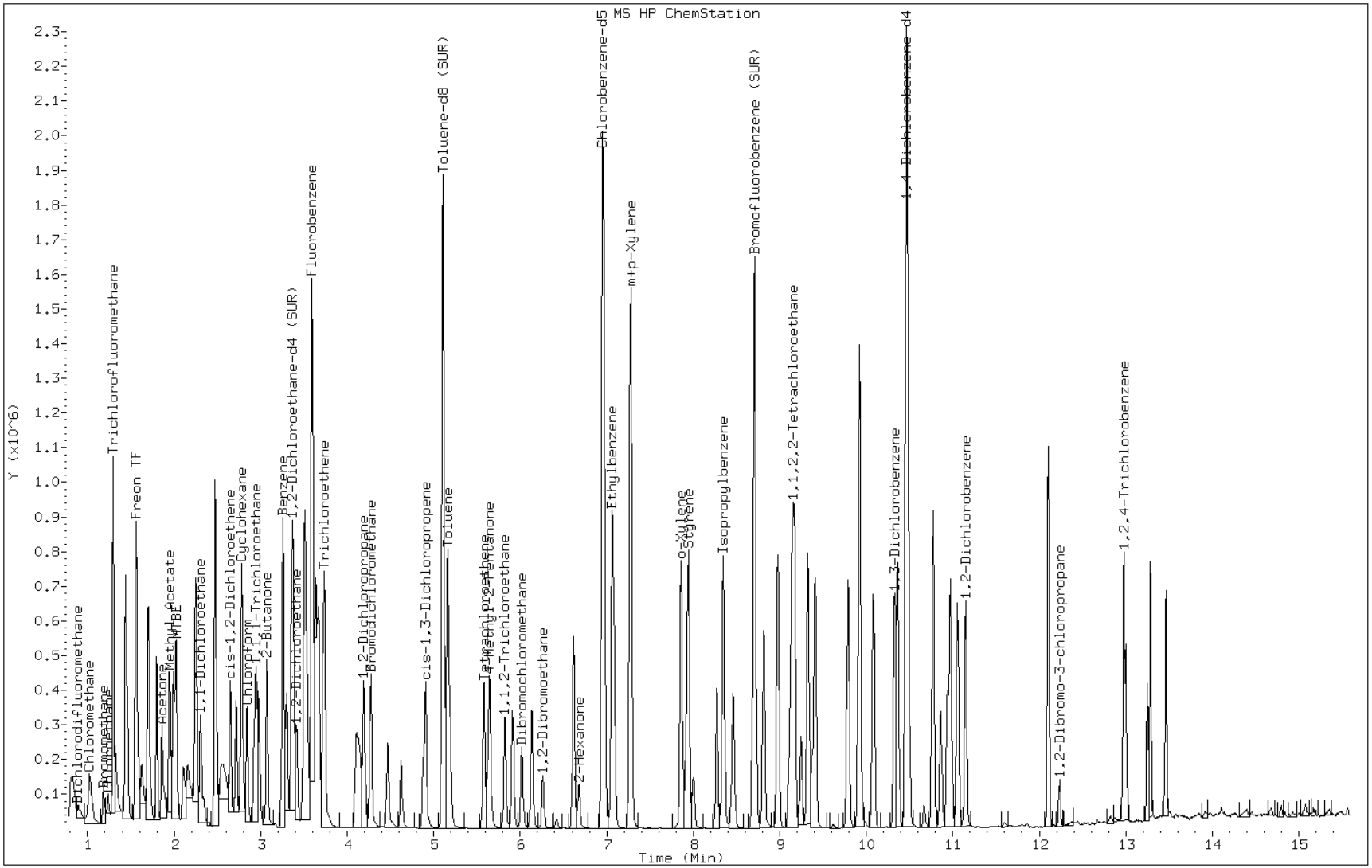
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	38	2-Butanone	72	3.077	3.077	(0.856)	21666	20.0000	25
	42	Chloroform	83	2.845	2.845	(0.791)	223324	20.0000	22
	44	Cyclohexane	56	2.784	2.784	(0.774)	195679	20.0000	18
	43	1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	184861	20.0000	21
	45	Carbon Tetrachloride	117	2.930	2.930	(0.815)	148689	20.0000	22
	48	Benzene	78	3.260	3.260	(0.469)	501947	20.0000	19
$	47	1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	408924	50.0000	61
	49	1,2-Dichloroethane	62	3.418	3.418	(0.951)	183231	20.0000	22
*	52	Fluorobenzene	96	3.595	3.595	(1.000)	1274024	50.0000	
	54	Trichloroethene	95	3.741	3.741	(1.041)	126518	20.0000	21
	56	Methyl cyclohexane	83	3.723	3.723	(1.036)	175700	20.0000	21
	57	1,2-Dichloropropane	63	4.192	4.192	(1.166)	135130	20.0000	19
	68	Bromodichloromethane	83	4.272	4.272	(1.188)	173147	20.0000	21
	67	cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	220680	20.0000	18
	70	4-Methyl-2-Pentanone	43	5.631	5.631	(0.810)	143892	20.0000	18
$	65	Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1290179	50.0000	49
	66	Toluene	91	5.162	5.162	(0.742)	576151	20.0000	19
	64	trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	204342	20.0000	19
	69	1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	95620	20.0000	19
	71	Tetrachloroethene	166	5.582	5.582	(0.803)	145404	20.0000	21
	73	2-Hexanone	43	6.680	6.680	(0.961)	109697	20.0000	18
	74	Dibromochloromethane	129	6.015	6.015	(0.865)	137888	20.0000	20
	77	1,2-Dibromoethane	107	6.265	6.265	(0.901)	117575	20.0000	20
*	78	Chlorobenzene-d5	117	6.954	6.954	(1.000)	1125053	50.0000	
	79	Chlorobenzene	112	6.972	6.972	(1.003)	395719	20.0000	20
	81	Ethylbenzene	106	7.064	7.064	(1.016)	208414	20.0000	19
	82	m+p-Xylene	106	7.277	7.277	(1.046)	528781	40.0000	40
	84	o-Xylene	106	7.856	7.856	(1.130)	260320	20.0000	20
	85	Styrene	104	7.942	7.942	(1.142)	445737	20.0000	20
	86	Bromoform	173	7.917	7.917	(1.139)	100375	20.0000	21
	88	Isopropylbenzene	105	8.344	8.344	(1.200)	647568	20.0000	20
$	89	Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	536325	50.0000	50
	92	1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	154190	20.0000	18
	105	1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	335032	20.0000	20
*	108	1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	665092	50.0000	
	109	1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	347387	20.0000	20
	111	1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	323155	20.0000	20
	112	1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	27376	20.0000	18
	114	1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	197894	20.0000	24
M	120	1,2-Dichloroethene (Total)	100				241005	40.0000	43
M	121	Xylene (Total)	100				789101	60.0000	59

Data File: e08987.d

Date: 12-OCT-2012 01:14

Client ID: Instrument: VOAMS5.i

Sample Info: CCV Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07834.d
Report Date: 17-Sep-2012 06:05

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07834.d
Lab Smp Id: BFB
Inj Date : 17-SEP-2012 03:24
Operator : VOAMS 1 Inst ID: VOAMS5.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/BFBDEL.m
Meth Date : 27-Feb-2012 15:08 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

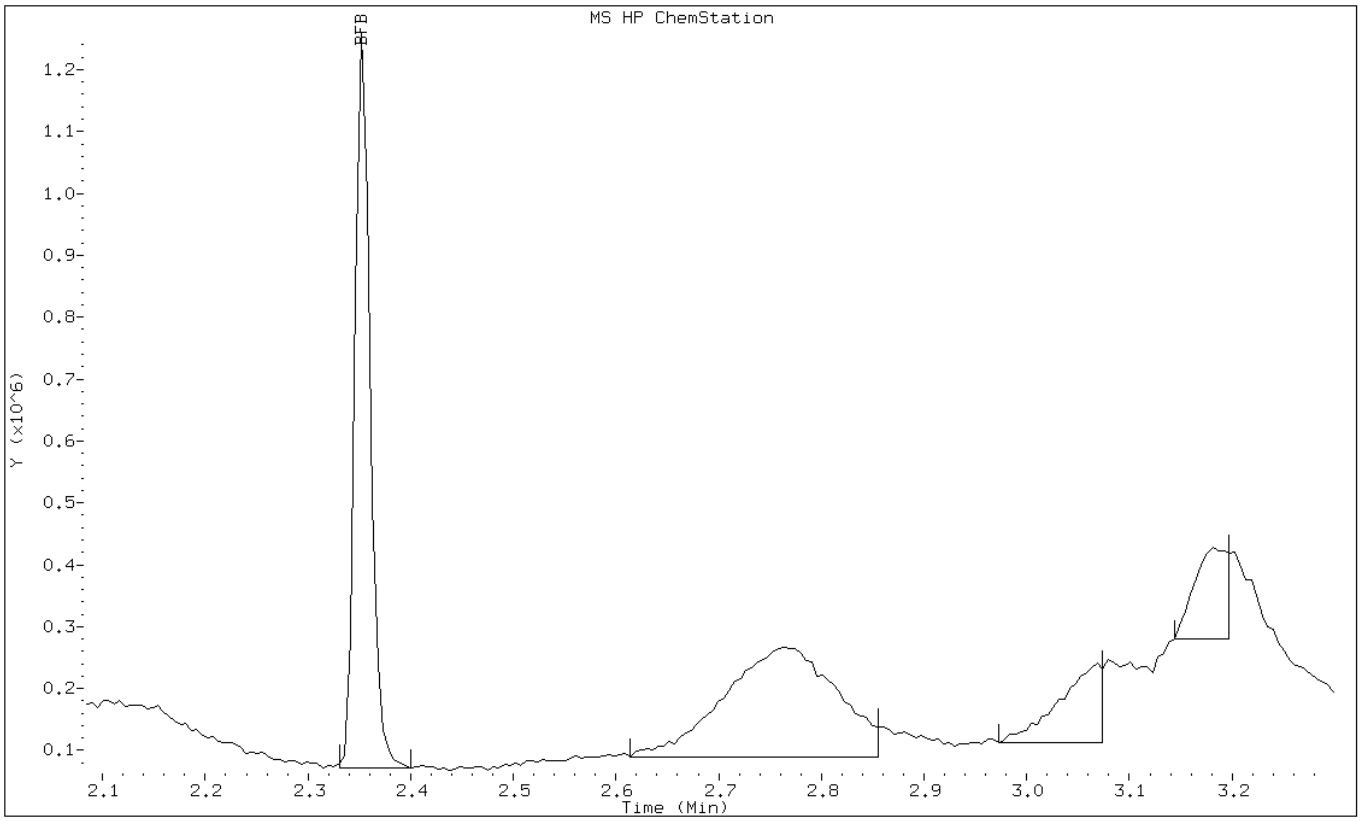
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.352	2.600 (0.000)	95	195072			0.00- 100.00	100.00
2.352	2.600 (0.000)	50	42624			15.00- 40.00	21.85
2.352	2.600 (0.000)	75	102376			30.00- 60.00	52.48
2.352	2.600 (0.000)	96	12530			5.00- 9.00	6.42
2.352	2.600 (0.000)	173	0			0.00- 2.00	0.00
2.352	2.600 (0.000)	174	155200			50.00- 100.00	79.56
2.352	2.600 (0.000)	175	12902			5.00- 9.00	8.31
2.352	2.600 (0.000)	176	148480			95.00- 101.00	95.67
2.352	2.600 (0.000)	177	9343			5.00- 9.00	6.29

Data File: e07834.d

Date: 17-SEP-2012 03:24

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1



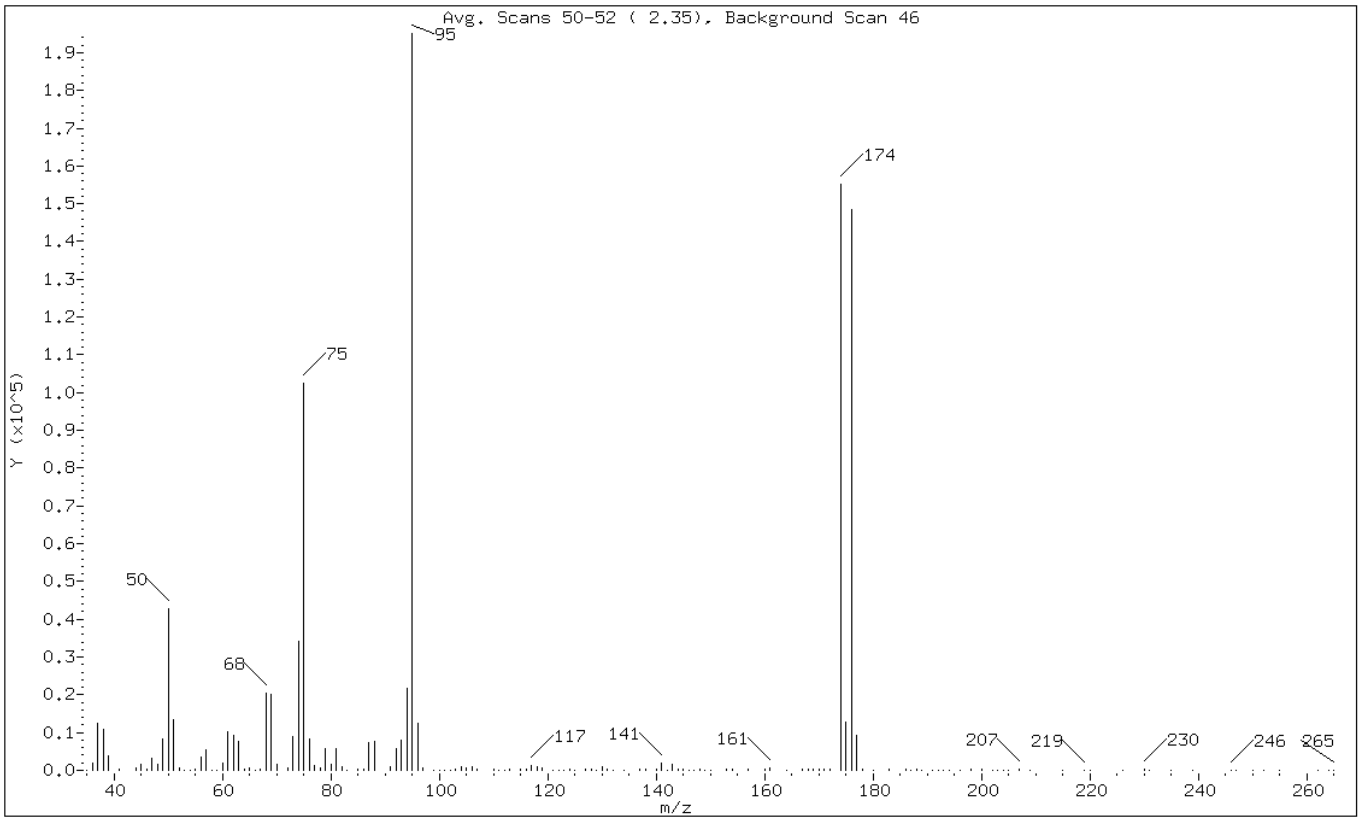
Data File: e07834.d

Date: 17-SEP-2012 03:24

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.85
75	30.00 - 60.00% of mass 95	52.48
96	5.00 - 9.00% of mass 95	6.42
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	79.56
175	5.00 - 9.00% of mass 174	6.61 (8.31)
176	95.00 - 101.00% of mass 174	76.12 (95.67)
177	5.00 - 9.00% of mass 176	4.79 (6.29)

Data File: e07834.d

Date: 17-SEP-2012 03:24

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07834.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 151

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	53	77.00	1350	123.00	88	177.00	9343
36.00	1914	78.00	695	124.00	252	178.00	381
37.00	12535	79.00	5782	125.00	148	180.00	35
38.00	10760	80.00	1455	127.00	282	183.00	181
39.00	3962	81.00	5745	128.00	338	186.00	248
41.00	387	82.00	905	129.00	75	187.00	80
44.00	707	83.00	42	130.00	926	188.00	162
45.00	1464	85.00	229	131.00	166	189.00	142
46.00	281	86.00	239	132.00	7	191.00	151
47.00	3334	87.00	7427	134.00	27	192.00	54
48.00	1491	88.00	7774	137.00	332	193.00	44
49.00	8401	91.00	1022	138.00	172	194.00	110
50.00	42624	92.00	5845	140.00	185	196.00	46
51.00	13346	93.00	8046	141.00	1957	198.00	171
52.00	539	94.00	21672	142.00	53	200.00	162
53.00	13	95.00	195072	143.00	1698	202.00	62
54.00	14	96.00	12530	144.00	295	203.00	48
55.00	230	97.00	551	145.00	186	204.00	104
56.00	3600	99.00	79	146.00	115	205.00	34
57.00	5500	100.00	36	147.00	156	207.00	223
58.00	113	101.00	136	148.00	465	209.00	81
59.00	106	102.00	36	149.00	118	215.00	80
60.00	1861	103.00	237	150.00	105	219.00	89
61.00	10125	104.00	905	153.00	459	220.00	60
62.00	9219	105.00	514	154.00	192	226.00	84
63.00	7541	106.00	1054	157.00	390	230.00	188
64.00	270	107.00	304	160.00	378	231.00	74
65.00	625	110.00	398	161.00	530	235.00	107
66.00	51	111.00	151	164.00	54	239.00	43
67.00	378	112.00	121	167.00	172	246.00	123
68.00	20496	113.00	247	168.00	205	247.00	37
69.00	19976	115.00	421	169.00	243	250.00	57
70.00	1570	116.00	358	170.00	351	252.00	33
72.00	740	117.00	1343	171.00	439	255.00	46
73.00	9006	118.00	855	172.00	227	262.00	43
74.00	34320	119.00	733	174.00	155200	264.00	63
75.00	102376	121.00	68	175.00	12902	265.00	45
76.00	8204	122.00	77	176.00	148480		

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08975.d
Report Date: 11-Oct-2012 20:12

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08975.d
Lab Smp Id: BFB
Inj Date : 11-OCT-2012 20:08
Operator : VOAMS 1 Inst ID: VOAMS5.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/BFBDEL.m
Meth Date : 27-Feb-2012 15:08 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

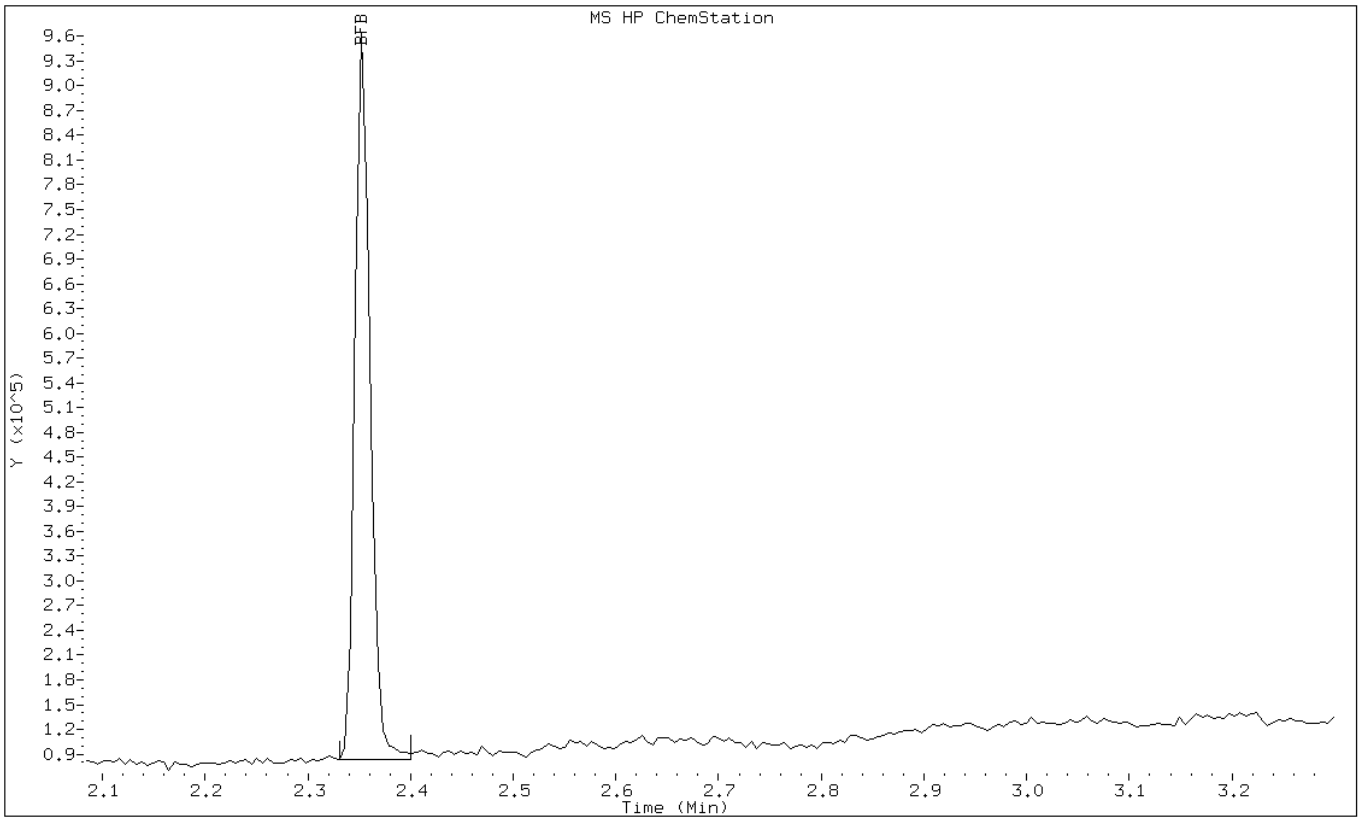
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.352	2.600 (0.000)	95	135522			0.00- 100.00	100.00
2.352	2.600 (0.000)	50	29541			15.00- 40.00	21.80
2.352	2.600 (0.000)	75	70179			30.00- 60.00	51.78
2.352	2.600 (0.000)	96	8846			5.00- 9.00	6.53
2.352	2.600 (0.000)	173	896			0.00- 2.00	0.74
2.352	2.600 (0.000)	174	121433			50.00- 100.00	89.60
2.352	2.600 (0.000)	175	9704			5.00- 9.00	7.99
2.352	2.600 (0.000)	176	118148			95.00- 101.00	97.29
2.352	2.600 (0.000)	177	7241			5.00- 9.00	6.13

Data File: e08975.d

Date: 11-OCT-2012 20:08

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1



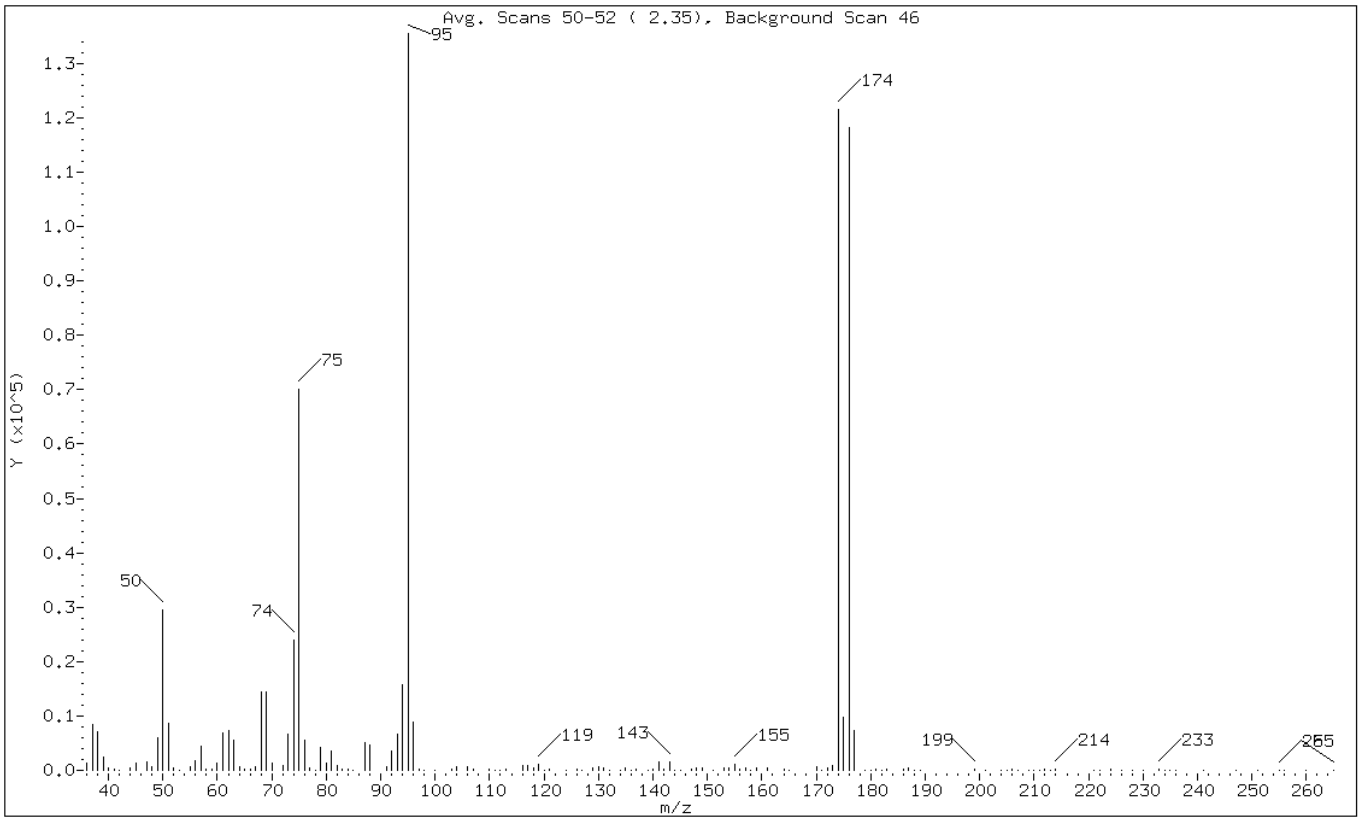
Data File: e08975.d

Date: 11-OCT-2012 20:08

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.80
75	30.00 - 60.00% of mass 95	51.78
96	5.00 - 9.00% of mass 95	6.53
173	Less than 2.00% of mass 174	0.66 (0.74)
174	50.00 - 100.00% of mass 95	89.60
175	5.00 - 9.00% of mass 174	7.16 (7.99)
176	95.00 - 101.00% of mass 174	87.18 (97.29)
177	5.00 - 9.00% of mass 176	5.34 (6.13)

Data File: e08975.d

Date: 11-OCT-2012 20:08

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08975.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 149

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1294	78.00	45	131.00	382	182.00	69
37.00	8431	79.00	4274	132.00	84	183.00	115
38.00	6991	80.00	1313	134.00	26	186.00	116
39.00	2548	81.00	3602	135.00	465	187.00	340
40.00	550	82.00	868	136.00	63	188.00	34
41.00	253	83.00	128	137.00	225	189.00	18
42.00	100	84.00	171	139.00	69	199.00	265
44.00	553	85.00	53	140.00	115	201.00	29
45.00	1283	87.00	5211	141.00	1442	204.00	84
47.00	1587	88.00	4550	142.00	269	205.00	33
48.00	651	91.00	642	143.00	1465	206.00	138
49.00	5880	92.00	3657	144.00	23	207.00	20
50.00	29536	93.00	6715	145.00	103	209.00	79
51.00	8612	94.00	15687	147.00	151	210.00	74
52.00	396	95.00	135488	148.00	365	211.00	1
53.00	107	96.00	8846	149.00	429	212.00	140
55.00	726	97.00	271	151.00	54	213.00	52
56.00	1691	98.00	1	153.00	430	214.00	189
57.00	4463	100.00	110	154.00	385	221.00	72
58.00	245	103.00	207	155.00	1021	222.00	35
59.00	116	104.00	668	156.00	236	224.00	188
60.00	1281	106.00	562	157.00	473	226.00	79
61.00	6975	107.00	159	158.00	3	228.00	39
62.00	7260	110.00	145	159.00	410	230.00	95
63.00	5465	111.00	68	161.00	441	233.00	189
64.00	672	112.00	80	164.00	208	234.00	42
65.00	144	113.00	261	165.00	57	235.00	36
66.00	201	116.00	813	170.00	641	236.00	58
67.00	729	117.00	882	171.00	38	241.00	103
68.00	14333	118.00	446	172.00	338	247.00	36
69.00	14506	119.00	1049	173.00	896	251.00	40
70.00	1361	120.00	38	174.00	121432	255.00	61
72.00	782	121.00	249	175.00	9704	256.00	33
73.00	6586	124.00	108	176.00	118144	260.00	59
74.00	24016	126.00	138	177.00	7241	265.00	78
75.00	70176	127.00	39	179.00	19		
76.00	5444	129.00	479	180.00	29		
77.00	507	130.00	702	181.00	322		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-131656/4

Matrix: Water Lab File ID: e08981.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 22:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-131656/4

Matrix: Water Lab File ID: e08981.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 22:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	95		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-131656/4

Matrix: Water Lab File ID: e08981.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 22:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08981.d
Report Date: 12-Oct-2012 00:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08981.d
Lab Smp Id: MB
Inj Date : 11-OCT-2012 22:47
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/8260DE_09.m
Meth Date : 11-Oct-2012 21:30 ken Quant Type: ISTD
Cal Date : 11-OCT-2012 20:50 Cal File: e08976.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

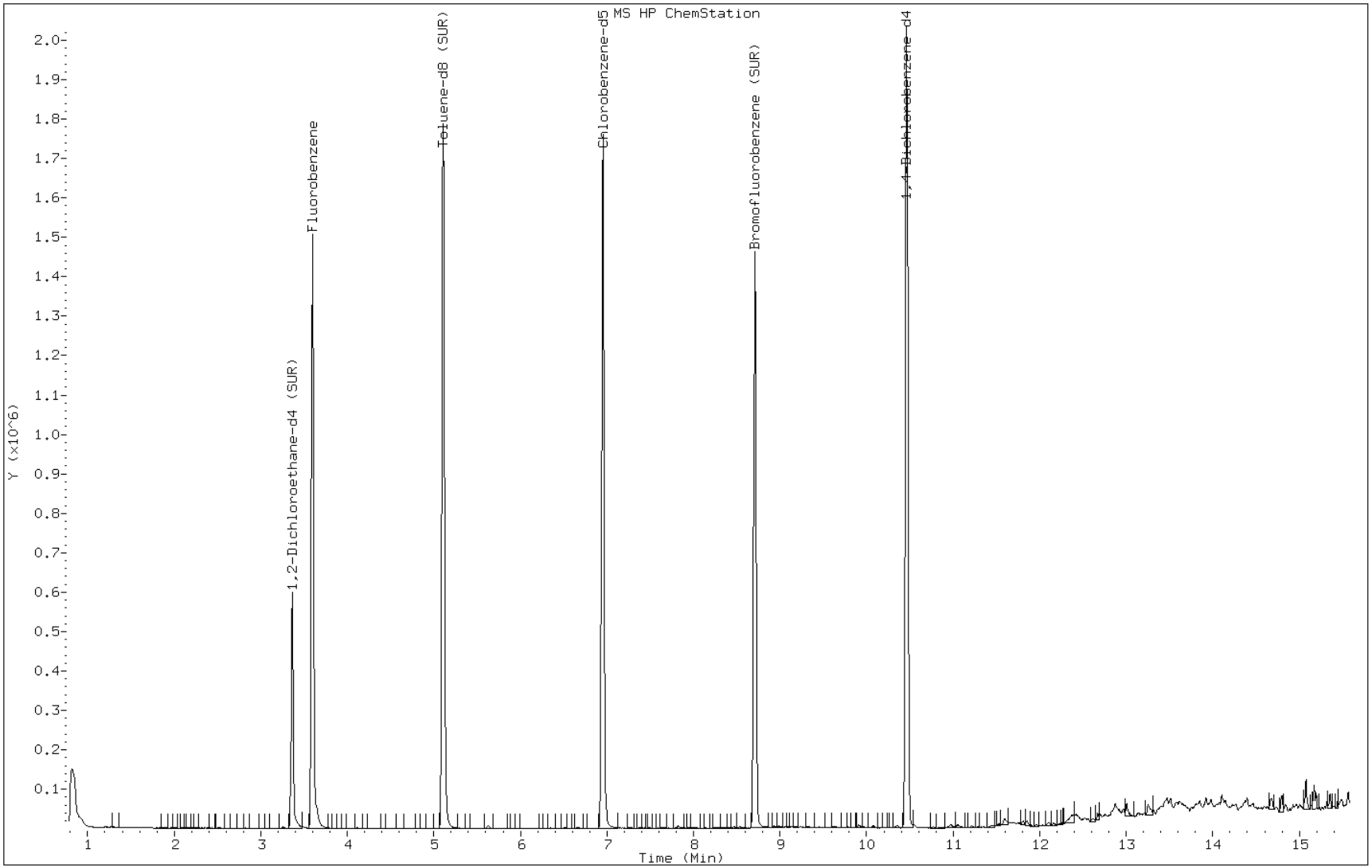
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	381607	49.5518	50
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	1238441	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1209056	48.2553	48
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1084553	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	494380	47.7044	48
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	638826	50.0000	

Data File: e08981.d

Date: 11-OCT-2012 22:47

Client ID: Instrument: VOAMS5.i

Sample Info: MB Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-131656/3

Matrix: Water Lab File ID: e08977.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.060
75-71-8	Dichlorodifluoromethane	18.1		1.0	0.22
74-87-3	Chloromethane	21.0		1.0	0.10
75-01-4	Vinyl chloride	20.3		1.0	0.14
74-83-9	Bromomethane	21.1		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	22.2		1.0	0.40
95-50-1	1,2-Dichlorobenzene	20.9		1.0	0.21
75-69-4	Trichlorofluoromethane	19.0		1.0	0.15
75-35-4	1,1-Dichloroethene	22.3		1.0	0.090
78-87-5	1,2-Dichloropropane	21.1		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.3		1.0	0.080
67-64-1	Acetone	25.0		5.0	2.7
75-15-0	Carbon disulfide	21.8		1.0	0.13
79-20-9	Methyl acetate	22.0		2.0	0.34
75-09-2	Methylene Chloride	20.0		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	21.6		1.0	0.13
124-48-1	Chlorodibromomethane	21.7		1.0	0.20
1634-04-4	Methyl tert-butyl ether	20.7		1.0	0.14
75-00-3	Chloroethane	20.1		1.0	0.17
75-34-3	1,1-Dichloroethane	20.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.1		1.0	0.18
78-93-3	2-Butanone (MEK)	21.4		5.0	2.3
67-66-3	Chloroform	20.5		1.0	0.080
100-41-4	Ethylbenzene	20.6		1.0	0.10
110-82-7	Cyclohexane	20.8		1.0	0.16
56-23-5	Carbon tetrachloride	21.1		1.0	0.060
71-43-2	Benzene	21.2		1.0	0.080
107-06-2	1,2-Dichloroethane	20.4		1.0	0.19
79-01-6	Trichloroethene	21.2		1.0	0.090
108-87-2	Methylcyclohexane	21.5		1.0	0.14
75-27-4	Dichlorobromomethane	21.4		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	21.6		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	21.4		5.0	0.99
108-88-3	Toluene	20.5		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	21.5		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-131656/3

Matrix: Water Lab File ID: e08977.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/11/2012 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	21.7		1.0	0.19
127-18-4	Tetrachloroethene	21.0		1.0	0.10
591-78-6	2-Hexanone	20.1		5.0	0.50
106-93-4	1,2-Dibromoethane	21.5		1.0	0.28
108-90-7	Chlorobenzene	20.6		1.0	0.11
1330-20-7	Xylenes, Total	61.2		3.0	0.36
100-42-5	Styrene	20.7		1.0	0.12
75-25-2	Bromoform	21.7		1.0	0.19
98-82-8	Isopropylbenzene	20.7		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	21.0		1.0	0.16
541-73-1	1,3-Dichlorobenzene	20.4		1.0	0.14
106-46-7	1,4-Dichlorobenzene	20.4		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	22.0		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08977.d
Report Date: 11-Oct-2012 23:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08977.d
Lab Smp Id: LCS
Inj Date : 11-OCT-2012 21:13
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/8260DE_09.m
Meth Date : 11-Oct-2012 21:30 ken Quant Type: ISTD
Cal Date : 11-OCT-2012 20:50 Cal File: e08976.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.894	0.900	(0.249)	92905	18.0886	18
3 Chloromethane	50	1.016	1.016	(0.283)	178821	21.0339	21
4 Vinyl Chloride	62	1.022	1.028	(0.284)	146748	20.2753	20
6 Bromomethane	94	1.181	1.181	(0.328)	88580	21.0689	21
5 Chloroethane	64	1.236	1.242	(0.344)	67759	20.1399	20
7 Trichlorofluoromethane	101	1.297	1.303	(0.361)	148657	19.0423	19
14 Freon TF	101	1.565	1.577	(0.435)	106548	20.3057	20
15 1,1-Dichloroethene	96	1.547	1.553	(0.430)	94737	22.3085	22
16 Acetone	58	1.900	1.894	(0.529)	14083	24.9674	25
18 Carbon Disulfide	76	1.565	1.571	(0.435)	377236	21.8062	22
27 Methyl Acetate	74	1.961	1.967	(0.546)	21873	21.9755	22
22 Methylene Chloride	49	1.858	1.864	(0.517)	180593	20.0499	20
28 MTBE	73	2.022	2.022	(0.562)	363998	20.7251	21
25 trans-1,2-Dichloroethene	96	1.943	1.949	(0.540)	119022	21.6004	22
30 1,1-Dichloroethane	63	2.303	2.309	(0.640)	238759	20.4130	20
36 cis-1,2-Dichloroethene	96	2.650	2.656	(0.737)	126688	21.1021	21

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08977.d
Report Date: 11-Oct-2012 23:01

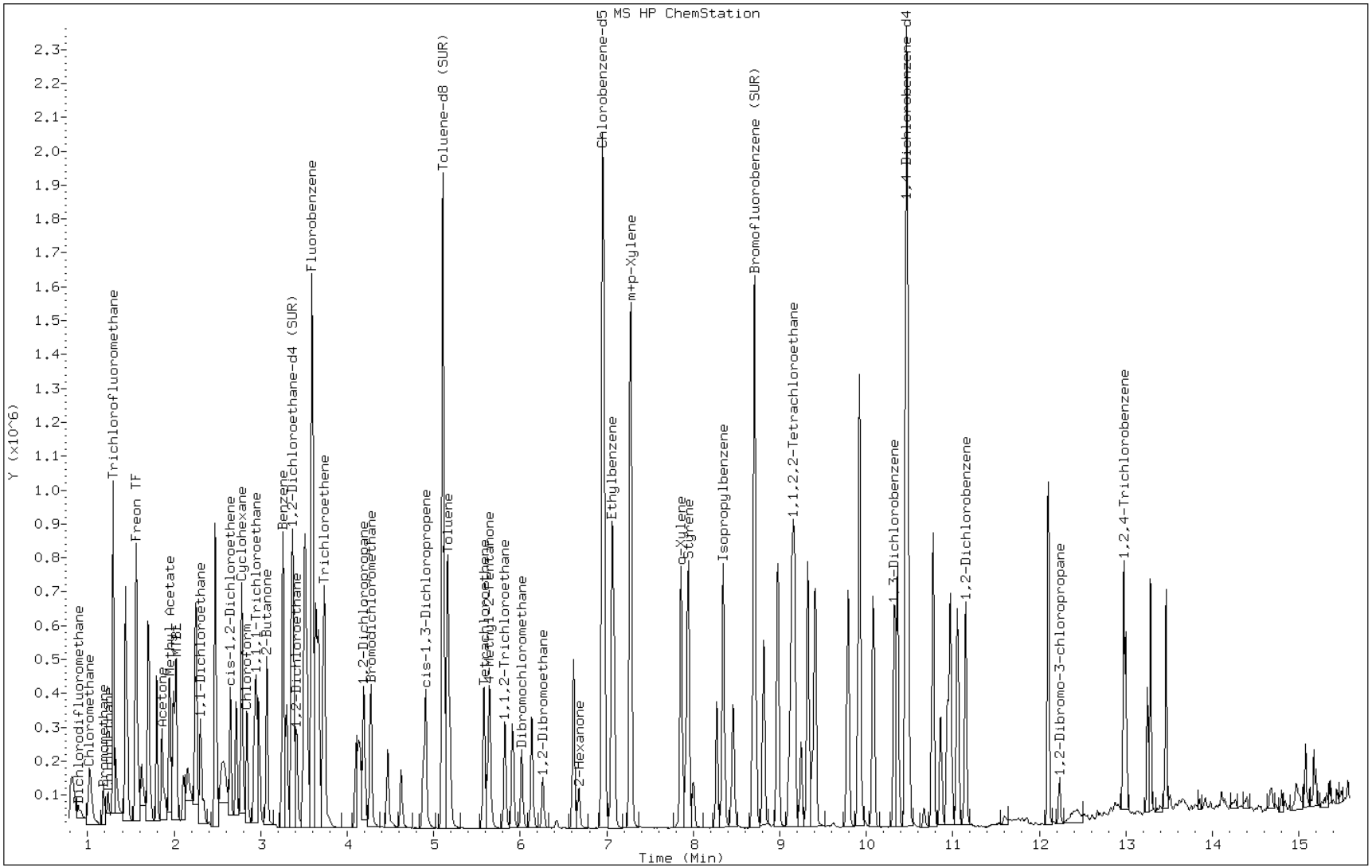
							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	38 2-Butanone	72	3.071	3.077	(0.854)	20020	21.4276	21
	42 Chloroform	83	2.845	2.845	(0.791)	215227	20.5163	20
	44 Cyclohexane	56	2.778	2.784	(0.773)	186275	20.8395	21
	43 1,1,1-Trichloroethane	97	2.979	2.985	(0.829)	195599	21.0453	21
	45 Carbon Tetrachloride	117	2.931	2.937	(0.815)	156464	21.0644	21
	48 Benzene	78	3.260	3.260	(0.469)	500200	21.1727	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	391700	47.7589	48
	49 1,2-Dichloroethane	62	3.412	3.418	(0.949)	178793	20.4379	20
*	52 Fluorobenzene	96	3.595	3.601	(1.000)	1318918	50.0000	
	54 Trichloroethene	95	3.735	3.741	(1.039)	127803	21.1922	21
	56 Methyl cyclohexane	83	3.723	3.729	(1.036)	159134	21.4991	21
	57 1,2-Dichloropropane	63	4.192	4.199	(1.166)	134808	21.1159	21
	68 Bromodichloromethane	83	4.272	4.272	(1.188)	171399	21.4054	21
	67 cis-1,3-Dichloropropene	75	4.906	4.912	(0.705)	217526	21.6258	22
	70 4-Methyl-2-Pentanone	43	5.631	5.625	(0.810)	134218	21.4248	21
$	65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1312817	49.5616	50
	66 Toluene	91	5.162	5.162	(0.742)	572353	20.5343	20
	64 trans-1,3-Dichloropropene	75	5.650	5.649	(0.812)	195539	21.5018	22
	69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	92220	21.7218	22
	71 Tetrachloroethene	166	5.582	5.582	(0.803)	145712	20.9847	21
	73 2-Hexanone	43	6.680	6.680	(0.961)	96649	20.0980	20
	74 Dibromochloromethane	129	6.015	6.021	(0.865)	132048	21.7333	22
	77 1,2-Dibromoethane	107	6.259	6.265	(0.900)	113742	21.4758	21
*	78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1146590	50.0000	
	79 Chlorobenzene	112	6.972	6.972	(1.003)	392243	20.6030	21
	81 Ethylbenzene	106	7.064	7.064	(1.016)	206211	20.5716	20
	82 m+p-Xylene	106	7.277	7.277	(1.046)	519872	40.7882	41
	84 o-Xylene	106	7.856	7.862	(1.130)	254939	20.3845	20
	85 Styrene	104	7.942	7.942	(1.142)	437977	20.7191	21
	86 Bromoform	173	7.911	7.911	(1.138)	93696	21.7219	22
	88 Isopropylbenzene	105	8.344	8.350	(1.200)	637526	20.7206	21
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	538047	48.4974	48
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	147339	21.0261	21
	105 1,3-Dichlorobenzene	146	10.325	10.331	(0.987)	330263	20.3584	20
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	683882	50.0000	
	109 1,4-Dichlorobenzene	146	10.484	10.490	(1.002)	343961	20.4369	20
	111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	320073	20.8797	21
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	26198	22.2454	22
	114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	189475	21.9787	22
M	120 1,2-Dichloroethene (Total)	100				245711	42.7025	43
M	121 Xylene (Total)	100				774811	61.1727	61

Data File: e08977.d

Date: 11-OCT-2012 21:13

Client ID: Instrument: VOAMS5.i

Sample Info: LCS Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW101-MM- | Lab Sample ID: 460-45537-2 MS

Matrix: Water | Lab File ID: e08985.d

Analysis Method: 8260B | Date Collected: 10/05/2012 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/12/2012 00:27

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 131656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	103		5.0	0.30
75-71-8	Dichlorodifluoromethane	86.5		5.0	1.1
74-87-3	Chloromethane	102		5.0	0.50
75-01-4	Vinyl chloride	104		5.0	0.70
74-83-9	Bromomethane	107		5.0	0.90
96-12-8	1,2-Dibromo-3-Chloropropane	121		5.0	2.0
95-50-1	1,2-Dichlorobenzene	107		5.0	1.1
75-69-4	Trichlorofluoromethane	121		5.0	0.75
75-35-4	1,1-Dichloroethene	108		5.0	0.45
78-87-5	1,2-Dichloropropane	111		5.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	102		5.0	0.40
67-64-1	Acetone	98.6		25	13
75-15-0	Carbon disulfide	113		5.0	0.65
79-20-9	Methyl acetate	100		10	1.7
75-09-2	Methylene Chloride	106		5.0	0.90
156-60-5	trans-1,2-Dichloroethene	106		5.0	0.65
124-48-1	Chlorodibromomethane	116		5.0	1.0
1634-04-4	Methyl tert-butyl ether	114		5.0	0.70
75-00-3	Chloroethane	116		5.0	0.85
75-34-3	1,1-Dichloroethane	104		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	105		5.0	0.90
78-93-3	2-Butanone (MEK)	111		25	12
67-66-3	Chloroform	108		5.0	0.40
100-41-4	Ethylbenzene	107		5.0	0.50
110-82-7	Cyclohexane	108		5.0	0.80
56-23-5	Carbon tetrachloride	105		5.0	0.30
71-43-2	Benzene	106		5.0	0.40
107-06-2	1,2-Dichloroethane	107		5.0	0.95
79-01-6	Trichloroethene	107		5.0	0.45
108-87-2	Methylcyclohexane	115		5.0	0.70
75-27-4	Dichlorobromomethane	113		5.0	0.60
10061-01-5	cis-1,3-Dichloropropene	109		5.0	0.90
108-10-1	4-Methyl-2-pentanone (MIBK)	111		25	5.0
108-88-3	Toluene	106		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	113		5.0	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW101-MM- | Lab Sample ID: 460-45537-2 MS

Matrix: Water | Lab File ID: e08985.d

Analysis Method: 8260B | Date Collected: 10/05/2012 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/12/2012 00:27

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 131656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	112		5.0	0.95
127-18-4	Tetrachloroethene	110		5.0	0.50
591-78-6	2-Hexanone	109		25	2.5
106-93-4	1,2-Dibromoethane	116		5.0	1.4
108-90-7	Chlorobenzene	107		5.0	0.55
1330-20-7	Xylenes, Total	318		15	1.8
100-42-5	Styrene	107		5.0	0.60
75-25-2	Bromoform	115		5.0	0.95
98-82-8	Isopropylbenzene	107		5.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	115		5.0	0.80
541-73-1	1,3-Dichlorobenzene	106		5.0	0.70
106-46-7	1,4-Dichlorobenzene	106		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	110		5.0	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08985.d
Report Date: 12-Oct-2012 01:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08985.d
Lab Smp Id: 460-45537-C-2 MS
Inj Date : 12-OCT-2012 00:27
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-45537-C-2 MS;5
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/8260DE_09.m
Meth Date : 11-Oct-2012 21:30 ken Quant Type: ISTD
Cal Date : 11-OCT-2012 20:50 Cal File: e08976.d
Als bottle: 10 QC Sample: MS
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.894	0.900	(0.249)	83204	17.3010	86
3 Chloromethane	50	1.016	1.016	(0.283)	161645	20.3059	100
4 Vinyl Chloride	62	1.022	1.028	(0.284)	141501	20.8792	100
6 Bromomethane	94	1.181	1.181	(0.328)	84568	21.4819	110
5 Chloroethane	64	1.236	1.242	(0.344)	73104	23.2055	120
7 Trichlorofluoromethane	101	1.297	1.303	(0.361)	177163	24.2363	120
14 Freon TF	101	1.571	1.577	(0.437)	100496	20.4542	100
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	86070	21.6451	110
16 Acetone	58	1.894	1.894	(0.527)	10416	19.7218	99
18 Carbon Disulfide	76	1.565	1.571	(0.435)	366514	22.6264	110
27 Methyl Acetate	74	1.961	1.967	(0.546)	18655	20.0164	100
22 Methylene Chloride	49	1.857	1.864	(0.517)	178536	21.1689	100
28 MTBE	73	2.016	2.022	(0.561)	376182	22.8747	110
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	109215	21.1677	100
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	226749	20.7039	100
36 cis-1,2-Dichloroethene	96	2.650	2.656	(0.737)	118569	21.0921	100

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08985.d
Report Date: 12-Oct-2012 01:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	38 2-Butanone	72	3.071	3.077	(0.854)	19396	22.1710	110
	42 Chloroform	83	2.845	2.845	(0.791)	213034	21.6876	110
	44 Cyclohexane	56	2.784	2.784	(0.774)	180984	21.6238	110
	43 1,1,1-Trichloroethane	97	2.979	2.985	(0.829)	179996	20.6829	100
	45 Carbon Tetrachloride	117	2.930	2.937	(0.815)	145570	20.9299	100
	48 Benzene	78	3.260	3.260	(0.469)	482493	21.2344	110
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	369860	48.1613	48
	49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	175178	21.3858	110
*	52 Fluorobenzene	96	3.595	3.601	(1.000)	1234975	50.0000	
	54 Trichloroethene	95	3.741	3.741	(1.041)	121196	21.4627	110
	56 Methyl cyclohexane	83	3.729	3.729	(1.037)	158792	22.9110	110
	57 1,2-Dichloropropane	63	4.192	4.199	(1.166)	132380	22.1450	110
	68 Bromodichloromethane	83	4.272	4.272	(1.188)	168703	22.5007	110
	67 cis-1,3-Dichloropropene	75	4.906	4.912	(0.705)	211819	21.8949	110
	70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	133223	22.1106	110
$	65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1260222	49.4657	49
	66 Toluene	91	5.162	5.162	(0.742)	566751	21.1409	100
	64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	197737	22.6072	110
	69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	91872	22.4994	110
	71 Tetrachloroethene	166	5.582	5.582	(0.803)	147320	22.0590	110
	73 2-Hexanone	43	6.674	6.680	(0.960)	100809	21.7957	110
	74 Dibromochloromethane	129	6.015	6.021	(0.865)	135240	23.1427	120
	77 1,2-Dibromoethane	107	6.259	6.265	(0.900)	117784	23.1222	120
*	78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1102789	50.0000	
	79 Chlorobenzene	112	6.972	6.972	(1.003)	391979	21.4069	110
	81 Ethylbenzene	106	7.064	7.064	(1.016)	207079	21.4786	110
	82 m+p-Xylene	106	7.277	7.277	(1.046)	521861	42.5705	210
	84 o-Xylene	106	7.856	7.862	(1.130)	254032	21.1187	100
	85 Styrene	104	7.942	7.942	(1.142)	433507	21.3222	110
	86 Bromoform	173	7.911	7.911	(1.138)	95433	23.0033	120
	88 Isopropylbenzene	105	8.350	8.350	(1.201)	635772	21.4844	110
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	518047	49.7030	50
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	151817	23.0609	120
	105 1,3-Dichlorobenzene	146	10.325	10.331	(0.987)	322106	21.1348	100
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	642491	50.0000	
	109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	334190	21.1356	100
	111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	308704	21.4355	110
	112 1,2-Dibromo-3-chloropropane	75	12.233	12.234	(1.169)	26873	24.2889	120(R)
	114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	177853	21.9597	110
M	120 1,2-Dichloroethene (Total)	100				227784	42.2599	210
M	121 Xylene (Total)	100				775893	63.6892	320

QC Flag Legend

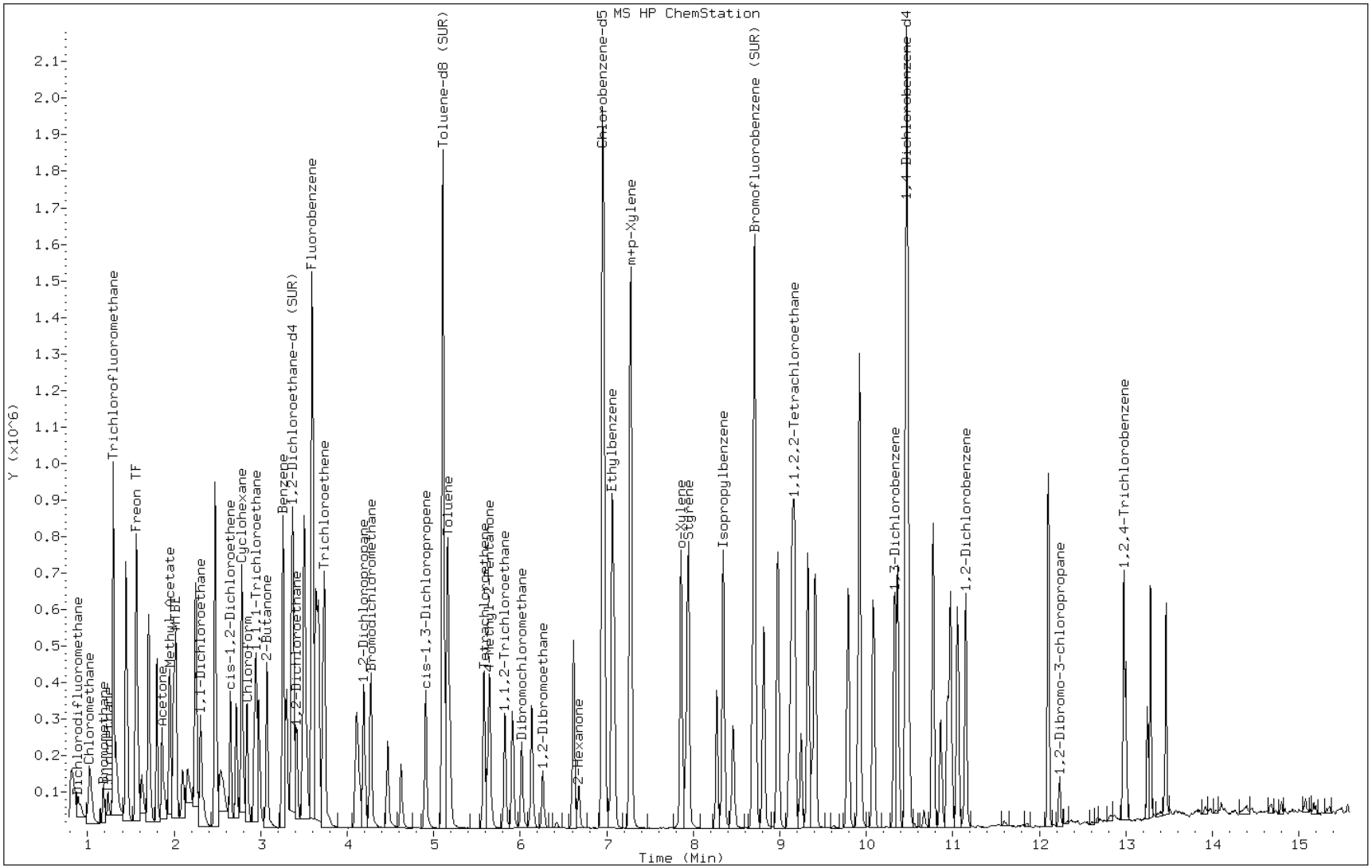
R - Spike/Surrogate failed recovery limits.

Data File: e08985.d

Date: 12-OCT-2012 00:27

Client ID: Instrument: VOAMS5.i

Sample Info: 460-45537-C-2 MS;5 Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW101-MM- | Lab Sample ID: 460-45537-2 MSD

Matrix: Water | Lab File ID: e08986.d

Analysis Method: 8260B | Date Collected: 10/05/2012 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/12/2012 00:51

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 131656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	106		5.0	0.30
75-71-8	Dichlorodifluoromethane	89.6		5.0	1.1
74-87-3	Chloromethane	101		5.0	0.50
75-01-4	Vinyl chloride	105		5.0	0.70
74-83-9	Bromomethane	105		5.0	0.90
96-12-8	1,2-Dibromo-3-Chloropropane	121		5.0	2.0
95-50-1	1,2-Dichlorobenzene	111		5.0	1.1
75-69-4	Trichlorofluoromethane	99.7		5.0	0.75
75-35-4	1,1-Dichloroethene	119		5.0	0.45
78-87-5	1,2-Dichloropropane	110		5.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	111		5.0	0.40
67-64-1	Acetone	101		25	13
75-15-0	Carbon disulfide	119		5.0	0.65
79-20-9	Methyl acetate	101		10	1.7
75-09-2	Methylene Chloride	106		5.0	0.90
156-60-5	trans-1,2-Dichloroethene	108		5.0	0.65
124-48-1	Chlorodibromomethane	118		5.0	1.0
1634-04-4	Methyl tert-butyl ether	116		5.0	0.70
75-00-3	Chloroethane	105		5.0	0.85
75-34-3	1,1-Dichloroethane	111		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	109		5.0	0.90
78-93-3	2-Butanone (MEK)	114		25	12
67-66-3	Chloroform	113		5.0	0.40
100-41-4	Ethylbenzene	111		5.0	0.50
110-82-7	Cyclohexane	117		5.0	0.80
56-23-5	Carbon tetrachloride	110		5.0	0.30
71-43-2	Benzene	114		5.0	0.40
107-06-2	1,2-Dichloroethane	109		5.0	0.95
79-01-6	Trichloroethene	113		5.0	0.45
108-87-2	Methylcyclohexane	121		5.0	0.70
75-27-4	Dichlorobromomethane	116		5.0	0.60
10061-01-5	cis-1,3-Dichloropropene	115		5.0	0.90
108-10-1	4-Methyl-2-pentanone (MIBK)	114		25	5.0
108-88-3	Toluene	111		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	119		5.0	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW101-MM- | Lab Sample ID: 460-45537-2 MSD

Matrix: Water | Lab File ID: e08986.d

Analysis Method: 8260B | Date Collected: 10/05/2012 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/12/2012 00:51

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 131656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	116		5.0	0.95
127-18-4	Tetrachloroethene	116		5.0	0.50
591-78-6	2-Hexanone	111		25	2.5
106-93-4	1,2-Dibromoethane	117		5.0	1.4
108-90-7	Chlorobenzene	111		5.0	0.55
1330-20-7	Xylenes, Total	329		15	1.8
100-42-5	Styrene	110		5.0	0.60
75-25-2	Bromoform	114		5.0	0.95
98-82-8	Isopropylbenzene	111		5.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	116		5.0	0.80
541-73-1	1,3-Dichlorobenzene	110		5.0	0.70
106-46-7	1,4-Dichlorobenzene	110		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	119		5.0	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08986.d
Report Date: 12-Oct-2012 01:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08986.d
Lab Smp Id: 460-45537-C-2 MSD
Inj Date : 12-OCT-2012 00:51
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-45537-C-2 MSD;5
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/8260DE_09.m
Meth Date : 11-Oct-2012 21:30 ken Quant Type: ISTD
Cal Date : 11-OCT-2012 20:50 Cal File: e08976.d
Als bottle: 11 QC Sample: MSD
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: HSLDEL.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.894	0.900	(0.249)	90471	17.9208	90
3 Chloromethane	50	1.016	1.016	(0.283)	169425	20.2751	100
4 Vinyl Chloride	62	1.022	1.028	(0.284)	149176	20.9689	100
6 Bromomethane	94	1.181	1.181	(0.328)	86595	20.9548	100
5 Chloroethane	64	1.236	1.242	(0.344)	69668	21.0673	100
7 Trichlorofluoromethane	101	1.297	1.303	(0.361)	152935	19.9307	100
14 Freon TF	101	1.565	1.577	(0.435)	114134	22.1294	110
15 1,1-Dichloroethene	96	1.547	1.553	(0.430)	98966	23.7094	120
16 Acetone	58	1.900	1.894	(0.529)	11165	20.1386	100
18 Carbon Disulfide	76	1.565	1.571	(0.435)	405349	23.8385	120
27 Methyl Acetate	74	1.961	1.967	(0.546)	19684	20.1192	100
22 Methylene Chloride	49	1.858	1.864	(0.517)	187993	21.2342	110
28 MTBE	73	2.022	2.022	(0.562)	399850	23.1621	120(R)
25 trans-1,2-Dichloroethene	96	1.943	1.949	(0.540)	117162	21.6323	110
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	255983	22.2660	110
36 cis-1,2-Dichloroethene	96	2.650	2.656	(0.737)	129220	21.8978	110

Data File: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b/e08986.d
Report Date: 12-Oct-2012 01:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	38 2-Butanone	72	3.071	3.077	(0.854)	20938	22.7991	110
	42 Chloroform	83	2.845	2.845	(0.791)	233404	22.6357	110
	44 Cyclohexane	56	2.778	2.784	(0.773)	204751	23.3046	120
	43 1,1,1-Trichloroethane	97	2.979	2.985	(0.829)	194508	21.2915	110
	45 Carbon Tetrachloride	117	2.931	2.937	(0.815)	161111	22.0670	110
	48 Benzene	78	3.260	3.260	(0.469)	525066	22.7601	110
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	386156	47.9012	48
	49 1,2-Dichloroethane	62	3.412	3.418	(0.949)	188223	21.8898	110
*	52 Fluorobenzene	96	3.595	3.601	(1.000)	1296388	50.0000	
	54 Trichloroethene	95	3.741	3.741	(1.041)	133629	22.5434	110
	56 Methyl cyclohexane	83	3.723	3.729	(1.036)	175741	24.1553	120
	57 1,2-Dichloropropane	63	4.192	4.199	(1.166)	138376	22.0515	110
	68 Bromodichloromethane	83	4.272	4.272	(1.188)	182026	23.1276	120
	67 cis-1,3-Dichloropropene	75	4.906	4.912	(0.705)	226245	23.0339	120
	70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	139423	22.7913	110
$	65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1279885	49.4812	49
	66 Toluene	91	5.162	5.162	(0.742)	602122	22.1221	110
	64 trans-1,3-Dichloropropene	75	5.650	5.649	(0.812)	211878	23.8592	120(R)
	69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	95786	23.1047	120
	71 Tetrachloroethene	166	5.582	5.582	(0.803)	157152	23.1769	120
	73 2-Hexanone	43	6.680	6.680	(0.961)	103997	22.1464	110
	74 Dibromochloromethane	129	6.015	6.021	(0.865)	140562	23.6912	120
	77 1,2-Dibromoethane	107	6.259	6.265	(0.900)	120913	23.3791	120
*	78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1119645	50.0000	
	79 Chlorobenzene	112	6.972	6.972	(1.003)	411739	22.1475	110
	81 Ethylbenzene	106	7.064	7.064	(1.016)	216984	22.1672	110
	82 m+p-Xylene	106	7.277	7.277	(1.046)	549474	44.1482	220
	84 o-Xylene	106	7.856	7.862	(1.130)	265488	21.7389	110
	85 Styrene	104	7.942	7.942	(1.142)	452927	21.9420	110
	86 Bromoform	173	7.911	7.911	(1.138)	96039	22.8008	110
	88 Isopropylbenzene	105	8.344	8.350	(1.200)	668990	22.2665	110
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	517679	48.7311	49
	92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	155509	23.1763	120
	105 1,3-Dichlorobenzene	146	10.325	10.331	(0.987)	342279	22.0349	110
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	654839	50.0000	
	109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	355256	22.0442	110
	111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	324646	22.1173	110
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	27355	24.2581	120(R)
	114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	196651	23.8228	120
M	120 1,2-Dichloroethene (Total)	100				246382	43.5302	220
M	121 Xylene (Total)	100				814963	65.8871	330

QC Flag Legend

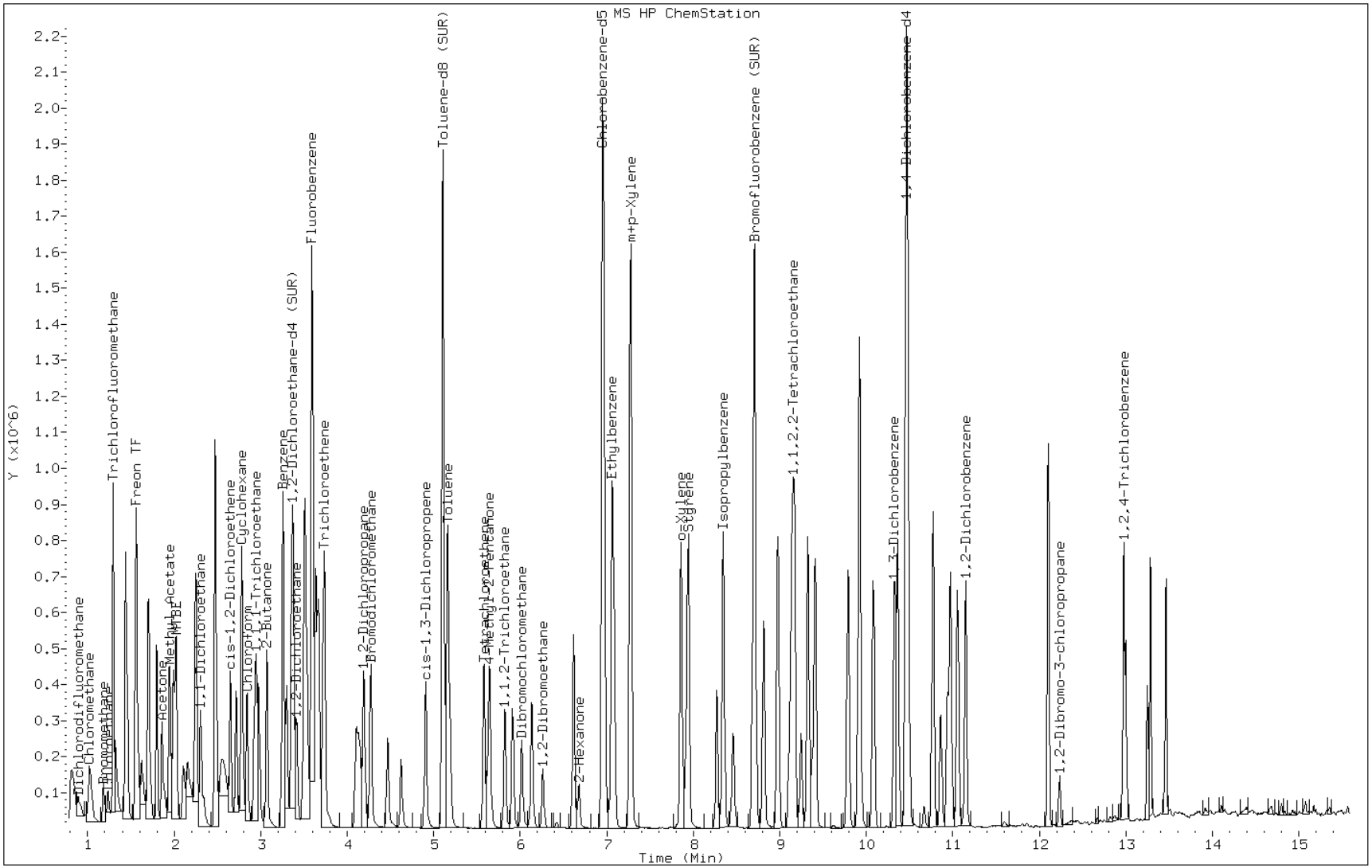
R - Spike/Surrogate failed recovery limits.

Data File: e08986.d

Date: 12-OCT-2012 00:51

Client ID: Instrument: VOAMS5.i

Sample Info: 460-45537-C-2 MSD;5 Operator: GC/MS VOAMS5



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Instrument ID: VOAMS5 Start Date: 09/17/2012 03:24

Analysis Batch Number: 128076 End Date: 09/17/2012 16:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-128076/1		09/17/2012 03:24	1	e07834.d	Rtx-VMS 0.18(mm)
IC 460-128076/2		09/17/2012 04:49	1	e07836.d	Rtx-VMS 0.18(mm)
IC 460-128076/3		09/17/2012 05:36	1	e07838.d	Rtx-VMS 0.18(mm)
ICIS 460-128076/4		09/17/2012 06:00	1	e07839.d	Rtx-VMS 0.18(mm)
IC 460-128076/5		09/17/2012 06:23	1	e07840.d	Rtx-VMS 0.18(mm)
IC 460-128076/6		09/17/2012 06:46	1	e07841.d	Rtx-VMS 0.18(mm)
IC 460-128076/7		09/17/2012 07:10	1	e07842.d	Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 09:37	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 10:47	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 11:11	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 11:34	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 11:57	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 12:21	5		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 12:44	5		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 13:07	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 13:31	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 13:54	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 14:17	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/17/2012 14:41	1		Rtx-VMS 0.18(mm)
CCV 460-128076/20		09/17/2012 16:16	1		Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Instrument ID: VOAMS5 Start Date: 10/11/2012 20:08

Analysis Batch Number: 131656 End Date: 10/12/2012 01:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-131656/1		10/11/2012 20:08	1	e08975.d	Rtx-VMS 0.18(mm)
CCVIS 460-131656/2		10/11/2012 20:50	1	e08976.d	Rtx-VMS 0.18(mm)
LCS 460-131656/3		10/11/2012 21:13	1	e08977.d	Rtx-VMS 0.18(mm)
MB 460-131656/4		10/11/2012 22:47	1	e08981.d	Rtx-VMS 0.18(mm)
460-45537-3	TB-17338-100512-253	10/11/2012 23:17	1	e08982.d	Rtx-VMS 0.18(mm)
460-45537-1	WC-17338-100512-MW14-MM-251	10/11/2012 23:41	1	e08983.d	Rtx-VMS 0.18(mm)
460-45537-2	WC-17338-100512-MW101-MM-252	10/12/2012 00:04	1	e08984.d	Rtx-VMS 0.18(mm)
460-45537-2 MS	WC-17338-100512-MW101-MM-252 MS	10/12/2012 00:27	5	e08985.d	Rtx-VMS 0.18(mm)
460-45537-2 MSD	WC-17338-100512-MW101-MM-252 MSD	10/12/2012 00:51	5	e08986.d	Rtx-VMS 0.18(mm)
CCV 460-131656/10		10/12/2012 01:14	1	e08987.d	Rtx-VMS 0.18(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b

Date Generated: 09/17/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/17/12 0324	e07834.d	2	BFB		0	0	1	all		8260 HIGH	G
09/17/12 0426	e07835.d	1	BLANK		5	0	1	HSLDEL		8260 IS: 1670730 SURR 500: -	NOT USED
09/17/12 0449	e07836.d	2	IC-VMCAL1		5	0	1	HSLDEL		SURR 250: 1670731 GAS 500: 1732474	G
09/17/12 0513	e07837.d	3	IC-VMCAL1		5	0	1	HSLDEL		MIX 1 500: 1715601 MIX 2 500: 1715614	NOT USED
09/17/12 0536	e07838.d	4	IC-VMCAL2		5	0	1	HSLDEL		MIX 3: 1715478 AC/AC: 1715480	G
09/17/12 0600	e07839.d	5	ICIS-VMCAL3		5	0	1	HSLDEL		GAS SP: 1732475 8260 SP: 1715490	G
09/17/12 0623	e07840.d	6	IC-VMCAL4		5	0	1	HSLDEL		MIX 3 SP: 1715179 AC/AC SP: 1715481	G
09/17/12 0646	e07841.d	7	IC-VMCAL5		5	0	1	HSLDEL		MISC: 1,4-Dioxane: 1715482 1715483 Ketones: 1715484	G
09/17/12 0710	e07842.d	8	IC-VMCAL6		5	0	1	HSLDEL		BFB: 1606918 Ucon: 132271	G
09/17/12 0733	e07843.d	9	BLANK		5	0	1	HSLDEL			Cleanup
09/17/12 0756	e07844.d	10	BLANK		5	0	1	HSLDEL			Cleanup
09/17/12 0820	e07845.d	11	BLANK		5	0	1	HSLDEL			Cleanup
09/17/12 0907	e07846.d	13	LCS		5	0	1	HSLDEL			NOT USED
09/17/12 0937	e07847.d	13	LCS		5	0	1	HSLDEL			G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b

Date Generated: 09/17/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/17/12 0937	e07847a.	13	ICV		5	0	1	HSLDEL			G
09/17/12 1000	e07848.d	14	MB		5	0	1	HSLDEL			Cleanup
09/17/12 1024	e07849.d	15	MB		5	0	1	HSLDEL			Cleanup
09/17/12 1047	e07850.d	16	MB		5	0	1	HSLDEL			G * peaks at 13.1 + 14.7 are GC contaminants
09/17/12 1111	e07851.d	17	460-44505-A-10	TB-17338-091212-MM-	5	0	1	HSLDEL	L2		G *
09/17/12 1134	e07852.d	18	460-44505-A-6	WG-17338-091112-VAS	5	0	1	HSLDEL	L2		G *
09/17/12 1157	e07853.d	19	460-44505-A-7	WG-17338-091112-VAS	5	0	1	HSLDEL	L2		G *
09/17/12 1221	e07854.d	20	460-44505-A-8 DL	WG-17338-091112-VAS	5	0	5	HSLDEL	L2		~~G, RR 1x~~ NOT needed 9/18/12
09/17/12 1244	e07855.d	21	460-44505-A-9 DL	WG-17338-091112-VAS	5	0	5	HSLDEL	L2		G, RR 1x
09/17/12 1307	e07856.d	22	460-44505-A-1	WG-17338-091112-VAS	5	0	1	HSLDEL	L2		G
09/17/12 1331	e07857.d	23	460-44505-A-2	WG-17338-091112-VAS	5	0	1	HSLDEL	L2		G
09/17/12 1354	e07858.d	24	460-44505-A-3	WG-17338-091112-VAS	5	0	1	HSLDEL	L2		G
09/17/12 1417	e07859.d	25	460-44505-A-4	WG-17338-091112-VAS	5	0	1	HSLDEL	L2		G
09/17/12 1441	e07860.d	26	460-44505-A-5	WG-17338-091112-DUP	5	0	1	HSLDEL	L2		G

10/16/2012

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b

Date Generated: 09/17/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/17/12 1504	e07861.d	27	460-44505-A-8 MS	WG-17338-091112-VAS	5	0	10	HSLDEL	4		G
09/17/12 1527	e07862.d	28	460-44505-A-8 MSD	WG-17338-091112-VAS	5	0	10	HSLDEL	4		out of clock > RR together
09/17/12 1550	e07863.d	29	CCV		5	10	1	HSLDEL			G, NOT USED.
09/17/12 1616	e07864.d	30	CCV		5	10	1	HSLDEL			G

Dilutions: 5x - 10.0 ml → 50 ml FV

10x - 5.0 ml → 50 ml FV

Signed: MS for Anthony Tsuyuguchi Read and Understood by: M Bauer

Date: 9/17/12 Date: 9/17/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260DE/09-17-12/11oct12.b

Date Generated: 10/12/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/11/12 2008	e08975.d	2	BFB		0	0	1	all		8260 HIGH 8260 IS: 1714060 SURR 500: — SURR 250: 1714061 GAS 500: 1735841 MIX 1 500: 1763789 MIX 2 500: 1763802 MIX 3: 1763791 AC/AC: 1763790 GAS SP: 1735849 8260 SP: 1763803 MIX 1 SP: 1763796 AC/AC SP: 1763795 MISC: 1763792 1763800 MeOH 123279	G
10/11/12 2050	e08976.d	1	CCVIS		5	0	1	HSLDEL			G
10/11/12 2113	e08977.d	2	LCS		5	0	1	HSLDEL			G
10/11/12 2137	e08978.d	3	LCSD		5	0	1	HSLDEL			G
10/11/12 2200	e08979.d	4	MB		5	0	1	HSLDEL			clean up.
10/11/12 2223	e08980.d	5	MB		5	0	1	HSLDEL			clean up.
10/11/12 2247	e08981.d	6	MB		5	0	1	HSLDEL			G
10/11/12 2317	e08982.d	7	460-45537-A-3	TB-17338-100512-253	5	0	1	HSLDEL	<2		C
10/11/12 2341	e08983.d	8	460-45537-A-1	WC-17338-100512-MW1	5	0	1	HSLDEL	<2		G
10/12/12 0004	e08984.d	9	460-45537-A-2	WC-17338-100512-MW1	5	0	1	HSLDEL	<2		G
10/12/12 0027	e08985.d	10	460-45537-C-2 MS		5	0	5	HSLDEL	<2		G
10/12/12 0051	e08986.d	11	460-45537-C-2 MSD		5	0	5	HSLDEL	<2		G
10/12/12 0114	e08987.d	12	CCV		5	0	1	HSLDEL	—		G

5x → 10mL → 50mL FV.

Signed: Aulberto for Kim B. Read and Understood by: A. Dyaqal.

Date: 10/12/12 Date: 10/12/12.

Method 8082 - Delaware

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082 (Delaware)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
WC-17338-100512-MW 14-MM-251	460-45537-1	82	83
WC-17338-100512-MW 101-MM-252	460-45537-2	52	50
	MB 460-130997/1-A	97	88
	LCS 460-130997/2-A	91	84
	LCSD 460-130997/3-A	108	99

	QC LIMITS
DCB = DCB Decachlorobiphenyl	37-150

Column to be used to flag recovery values

FORM II 8082

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: vf479497.d

Lab ID: LCS 460-130997/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	5.07	101	71-126	
PCB-1260	5.00	5.57	111	73-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: vr479497.d

Lab ID: LCS 460-130997/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	4.83	97	71-126	
PCB-1260	5.00	5.73	115	73-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: vf479498.d

Lab ID: LCSD 460-130997/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	5.00	5.16	103	2	30	71-126	
PCB-1260	5.00	5.83	117	5	30	73-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Matrix: Water Level: Low Lab File ID: vr479498.d

Lab ID: LCSD 460-130997/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	5.00	4.97	99	3	30	71-126	
PCB-1260	5.00	5.95	119	4	30	73-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: MB 460-130997/1-A

Matrix: Water Date Extracted: 10/08/2012 07:55

Lab File ID:(1) vr479496.d Lab File ID:(2) vf479496.d

Date Analyzed:(1) 10/08/2012 22:08 Date Analyzed:(2) 10/08/2012 22:08

Instrument ID:(1) PESTGC9 Instrument ID:(2) PESTGC9

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-130997/2-A	10/08/2012 22:24	10/08/2012 22:24
	LCSD 460-130997/3-A	10/08/2012 22:39	10/08/2012 22:39
WC-17338-100512-MW14-MM-251	460-45537-1	10/09/2012 00:29	10/09/2012 00:29
WC-17338-100512-MW101-MM-252	460-45537-2	10/09/2012 00:45	10/09/2012 00:45

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Sample No.: CCVRT 460-131137/2 Date Analyzed: 10/08/2012 18:30

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): vf479493.d Heated Purge: (Y/N) N

Calibration ID: 17840

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.49		
UPPER LIMIT				11.59		
LOWER LIMIT				11.39		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-131137/2		10/08/2012 18:30	vf479493.d	11.49		
MB 460-130997/1-A		10/08/2012 22:08	vf479496.d	11.48		
LCS 460-130997/2-A		10/08/2012 22:24	vf479497.d	11.48		
LCSD 460-130997/3-A		10/08/2012 22:39	vf479498.d	11.48		
460-45537-1	WC-17338-100512-MW14-MM-251	10/09/2012 00:29	vf479505.d	11.49		
460-45537-2	WC-17338-100512-MW101-MM-252	10/09/2012 00:45	vf479506.d	11.49		
PIBLK 460-131137/18		10/09/2012 01:31	vf479509.d	11.49		
CCV 460-131137/19		10/09/2012 01:47	vf479510.d	11.49		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Sample No.: CCVRT 460-131137/2 Date Analyzed: 10/08/2012 18:30

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): vr479493.d Heated Purge: (Y/N) N

Calibration ID: 17839

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.61		
UPPER LIMIT				10.71		
LOWER LIMIT				10.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-131137/2		10/08/2012 18:30	vr479493.d	10.61		
MB 460-130997/1-A		10/08/2012 22:08	vr479496.d	10.61		
LCS 460-130997/2-A		10/08/2012 22:24	vr479497.d	10.61		
LCSD 460-130997/3-A		10/08/2012 22:39	vr479498.d	10.61		
460-45537-1	WC-17338-100512-MW14-MM-251	10/09/2012 00:29	vr479505.d	10.61		
460-45537-2	WC-17338-100512-MW101-MM-252	10/09/2012 00:45	vr479506.d	10.61		
PIBLK 460-131137/18		10/09/2012 01:31	vr479509.d	10.61		
CCV 460-131137/19		10/09/2012 01:47	vr479510.d	10.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-130997/2-A

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 10/08/2012 22:24 Date Analyzed (2): 10/08/2012 22:24

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.06	2.01	2.15	4.73	4.83	4.7
		2	2.50	2.46	2.60	4.94		
		3	2.75	2.71	2.85	5.30		
		4	3.10	3.06	3.20	5.01		
		5	3.30	3.26	3.40	5.20		
		6	3.69	3.61	3.75	3.02		
		7	4.01	3.97	4.11	5.41		
		8	4.19	4.12	4.26	5.05		
	2	1	2.93	2.89	3.03	5.25	5.07	
		2	3.60	3.57	3.71	5.62		
		3	4.04	4.01	4.15	5.67		
		4	4.44	4.41	4.55	5.58		
		5	4.68	4.65	4.79	5.94		
		6	5.18	5.09	5.23	4.02		
		7	5.57	5.47	5.61	2.59		
		8	5.71	5.68	5.82	5.84		
PCB-1260	1	1	6.05	6.00	6.14	5.54	5.73	2.8
		2	6.50	6.45	6.59	5.58		
		3	6.94	6.89	7.03	5.81		
		4	7.14	7.09	7.23	5.48		
		5	7.58	7.53	7.67	5.65		
		6	8.86	8.82	8.96	5.59		
		7	9.08	9.04	9.18	6.19		
		8	10.14	10.08	10.22	6.00		
	2	1	7.71	7.69	7.83	6.00	5.57	
		2	8.17	8.14	8.28	5.94		
		3	9.03	9.01	9.15	6.25		
		4	9.28	9.26	9.40	6.22		
		5	9.41	9.38	9.52	6.43		
		6	9.86	9.83	9.97	6.12		
		7	10.62	10.55	10.69	2.12		
		8	11.06	11.02	11.16	5.50		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-130997/3-A

Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9

Date Analyzed (1): 10/08/2012 22:39 Date Analyzed (2): 10/08/2012 22:39

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.06	2.01	2.15	4.83	4.97	3.8
		2	2.50	2.46	2.60	5.05		
		3	2.75	2.71	2.85	5.42		
		4	3.10	3.06	3.20	5.10		
		5	3.30	3.26	3.40	5.29		
		6	3.68	3.61	3.75	3.69		
		7	4.01	3.97	4.11	5.49		
		8	4.19	4.12	4.26	4.91		
	2	1	2.92	2.89	3.03	5.35	5.16	
		2	3.59	3.57	3.71	5.74		
		3	4.04	4.01	4.15	5.72		
		4	4.43	4.41	4.55	5.72		
		5	4.68	4.65	4.79	6.06		
		6	5.18	5.09	5.23	4.07		
		7	5.57	5.47	5.61	2.67		
		8	5.71	5.68	5.82	5.99		
PCB-1260	1	1	6.05	6.00	6.14	5.65	5.95	1.9
		2	6.50	6.45	6.59	5.71		
		3	6.94	6.89	7.03	5.95		
		4	7.14	7.09	7.23	5.63		
		5	7.57	7.53	7.67	5.85		
		6	8.86	8.82	8.96	5.82		
		7	9.08	9.04	9.18	6.56		
		8	10.14	10.08	10.22	6.39		
	2	1	7.71	7.69	7.83	6.15	5.83	
		2	8.16	8.14	8.28	6.10		
		3	9.02	9.01	9.15	6.45		
		4	9.28	9.26	9.40	6.48		
		5	9.40	9.38	9.52	6.69		
		6	9.86	9.83	9.97	6.37		
		7	10.62	10.55	10.69	2.53		
		8	11.06	11.02	11.16	5.90		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW14-MM-2 Lab Sample ID: 460-45537-1

Matrix: Water Lab File ID: vf479505.d

Analysis Method: 8082 Date Collected: 10/05/2012 10:00

Extraction Method: 3510C Date Extracted: 10/08/2012 07:55

Sample wt/vol: 980(mL) Date Analyzed: 10/09/2012 00:29

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		37-150

Data File: vf479505.d
Report Date: 09-Oct-2012 03:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/vf479505.d
Lab Smp Id: 460-45537-E-1-B Client Smp ID: WC-17338-100512-MW1
Inj Date : 09-OCT-2012 00:29
Operator : Inst ID: PESTGC9.i
Smp Info : 460-45537-E-1-B
Misc Info : 460-45537-E-1-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

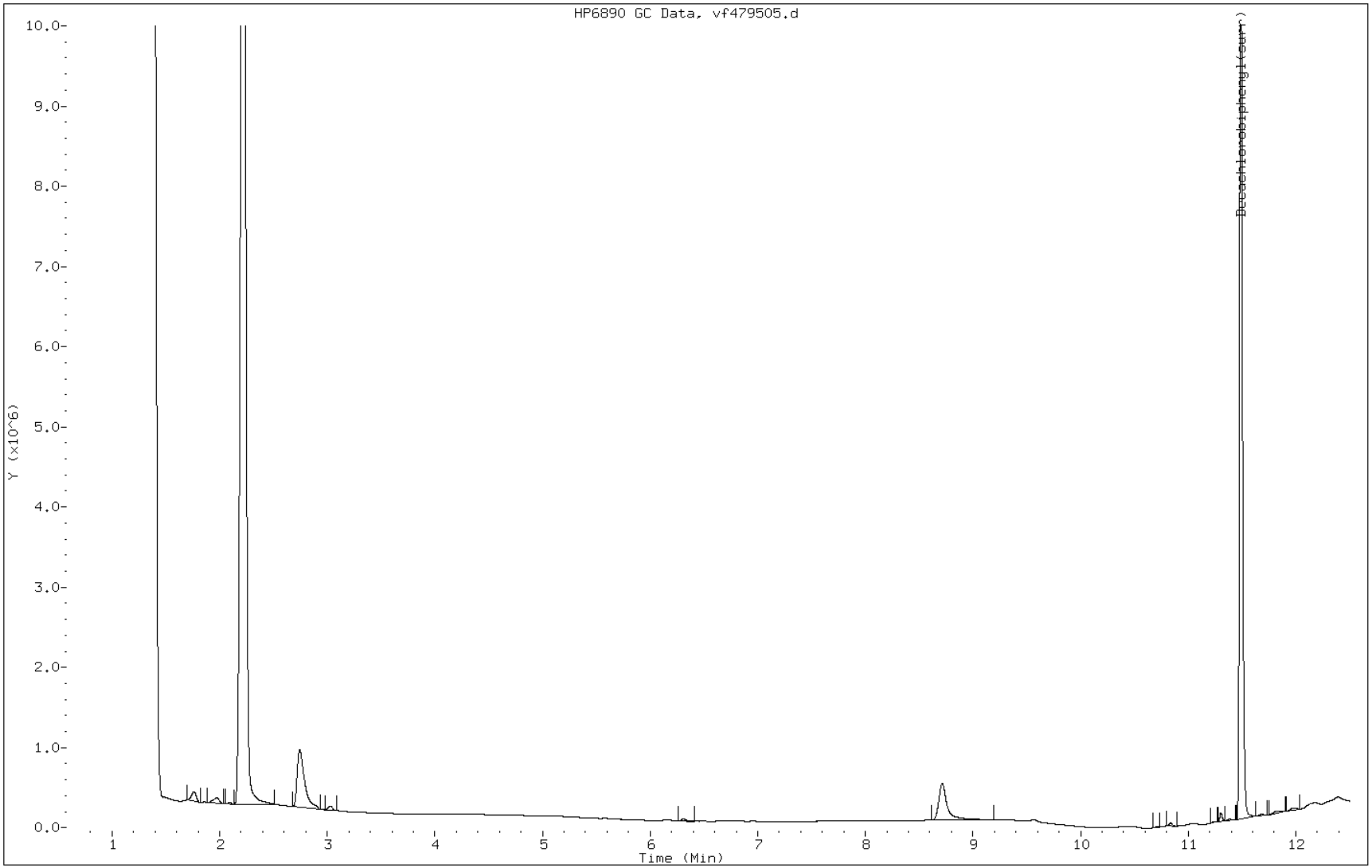
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.489	11.515	-0.026	22061081	82.9479	0.42	80.00- 120.00	100.00

Data File: vf479505.d

Date: 09-OCT-2012 00:29

Client ID: WC-17338-100512-MW1 Instrument: PESTGC9.i

Sample Info: 460-45537-E-1-B Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW14-MM-2 Lab Sample ID: 460-45537-1

Matrix: Water Lab File ID: vr479505.d

Analysis Method: 8082 Date Collected: 10/05/2012 10:00

Extraction Method: 3510C Date Extracted: 10/08/2012 07:55

Sample wt/vol: 980(mL) Date Analyzed: 10/09/2012 00:29

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.13	U	0.51	0.13
11104-28-2	PCB-1221	0.29	U	0.51	0.29
11141-16-5	PCB-1232	0.12	U	0.51	0.12
53469-21-9	PCB-1242	0.12	U	0.51	0.12
12672-29-6	PCB-1248	0.24	U	0.51	0.24
11097-69-1	PCB-1254	0.17	U	0.51	0.17
11096-82-5	PCB-1260	0.15	U	0.51	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		37-150

Data File: vr479505.d
Report Date: 09-Oct-2012 03:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/vr479505.d
Lab Smp Id: 460-45537-E-1-B Client Smp ID: WC-17338-100512-MW1
Inj Date : 09-OCT-2012 00:29
Operator : Inst ID: PESTGC9.i
Smp Info : 460-45537-E-1-B
Misc Info : 460-45537-E-1-B
Comment   :
Method   : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

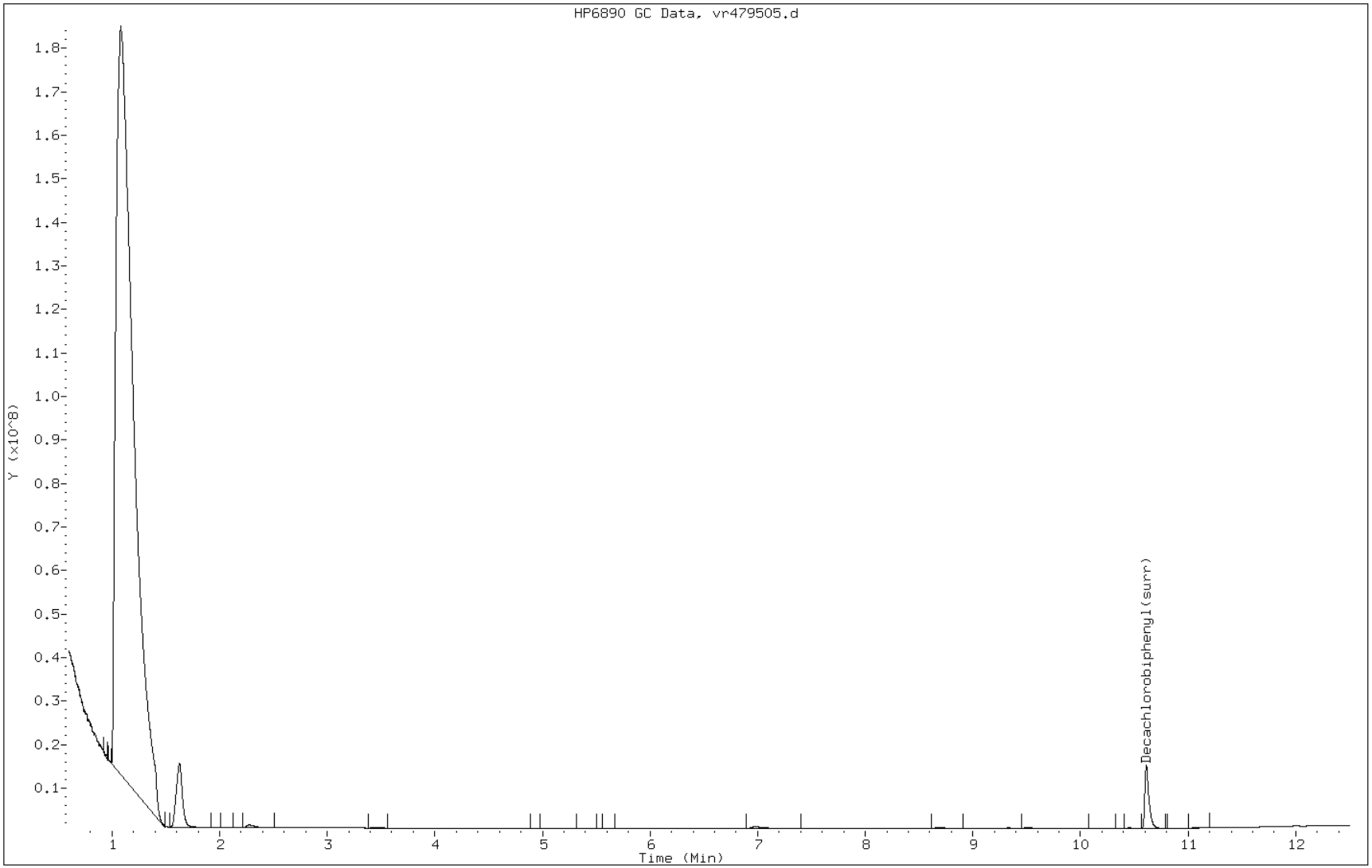
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.611	10.624	-0.013	38407031	81.5954	0.42	80.00- 120.00	100.00

Data File: vr479505.d

Date: 09-OCT-2012 00:29

Client ID: WC-17338-100512-MW1 Instrument: PESTGC9.i

Sample Info: 460-45537-E-1-B Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW101-MM- Lab Sample ID: 460-45537-2

Matrix: Water Lab File ID: vf479506.d

Analysis Method: 8082 Date Collected: 10/05/2012 12:30

Extraction Method: 3510C Date Extracted: 10/08/2012 07:55

Sample wt/vol: 990(mL) Date Analyzed: 10/09/2012 00:45

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	50		37-150

Data File: vf479506.d
Report Date: 09-Oct-2012 03:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/vf479506.d
Lab Smp Id: 460-45537-E-2-A Client Smp ID: WC-17338-100512-MW1
Inj Date : 09-OCT-2012 00:45
Operator : Inst ID: PESTGC9.i
Smp Info : 460-45537-E-2-A
Misc Info : 460-45537-E-2-A
Comment   :
Method   : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

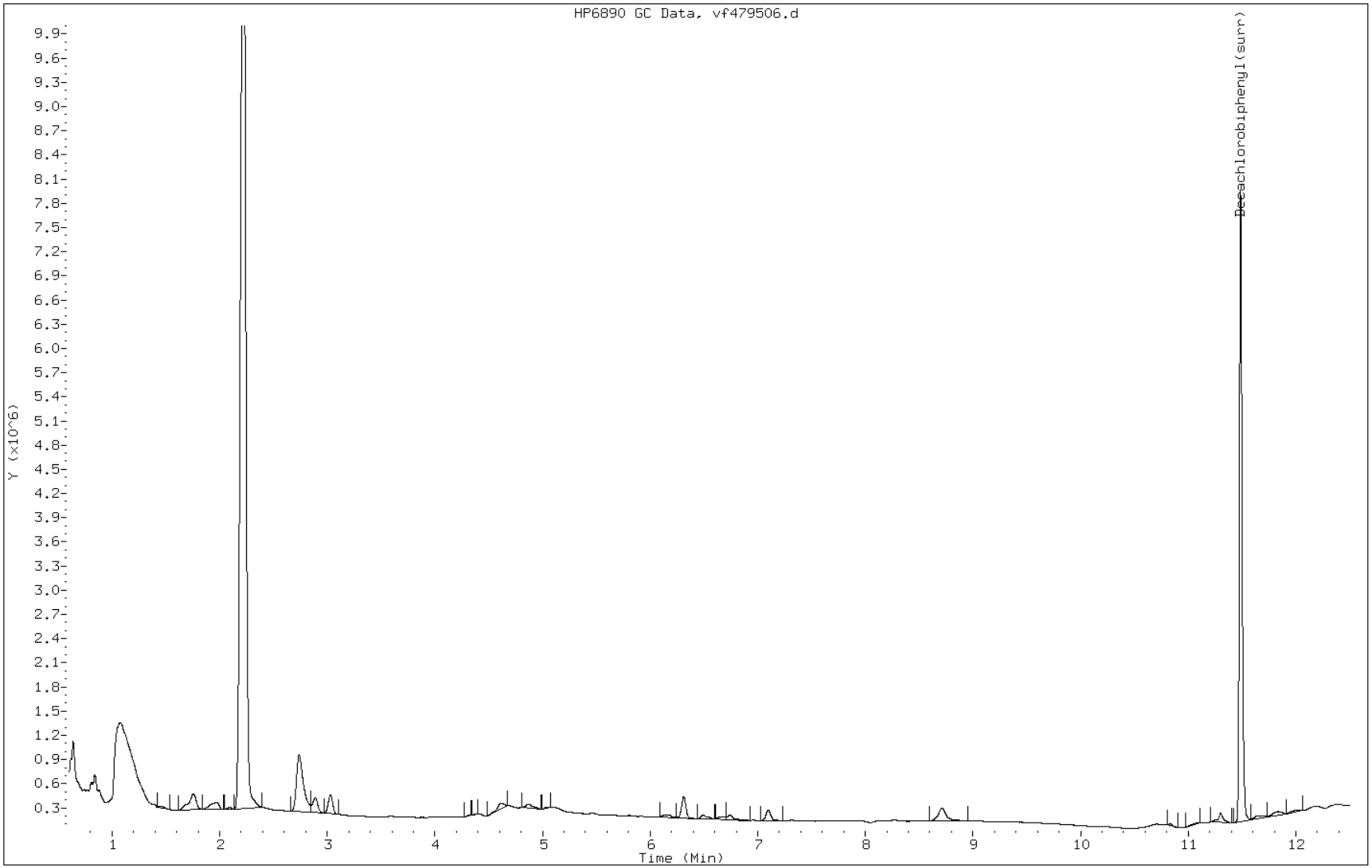
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.487	11.515	-0.028	13346591	50.1821	0.25	80.00- 120.00	100.00

Data File: vf479506.d

Date: 09-OCT-2012 00:45

Client ID: WC-17338-100512-MW1 Instrument: PESTGC9.i

Sample Info: 460-45537-E-2-A Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: WC-17338-100512-MW101-MM- | Lab Sample ID: 460-45537-2

Matrix: Water | Lab File ID: vr479506.d

Analysis Method: 8082 | Date Collected: 10/05/2012 12:30

Extraction Method: 3510C | Date Extracted: 10/08/2012 07:55

Sample wt/vol: 990(mL) | Date Analyzed: 10/09/2012 00:45

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.13	U	0.51	0.13
11104-28-2	PCB-1221	0.28	U	0.51	0.28
11141-16-5	PCB-1232	0.12	U	0.51	0.12
53469-21-9	PCB-1242	0.12	U	0.51	0.12
12672-29-6	PCB-1248	0.24	U	0.51	0.24
11097-69-1	PCB-1254	0.17	U	0.51	0.17
11096-82-5	PCB-1260	0.15	U	0.51	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	52		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/vr479506.d
Lab Smp Id: 460-45537-E-2-A Client Smp ID: WC-17338-100512-MW1
Inj Date : 09-OCT-2012 00:45
Operator : Inst ID: PESTGC9.i
Smp Info : 460-45537-E-2-A
Misc Info : 460-45537-E-2-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

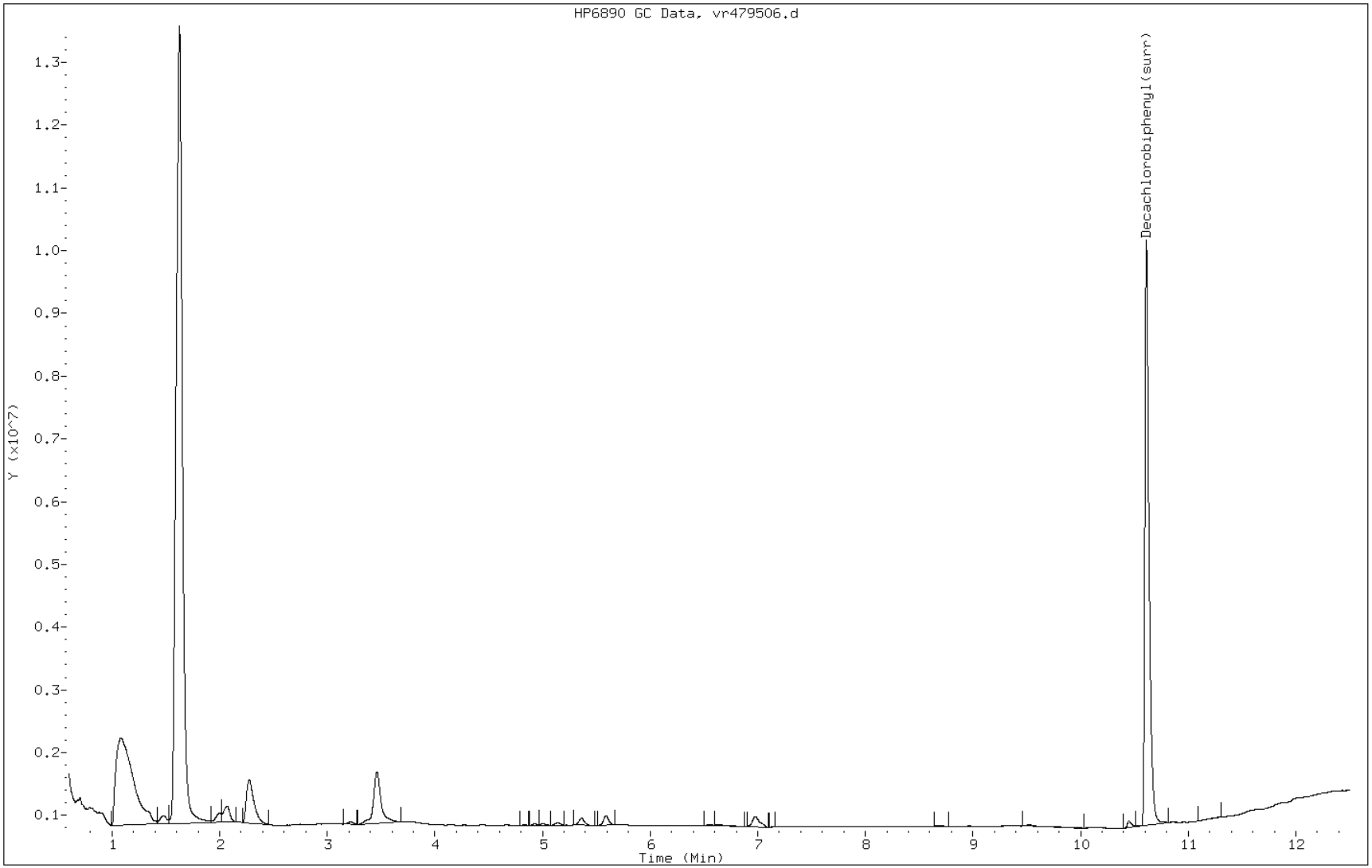
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.611	10.624	-0.013	24675227	52.4223	0.26	80.00- 120.00	100.00

Data File: vr479506.d

Date: 09-OCT-2012 00:45

Client ID: WC-17338-100512-MW1 Instrument: PESTGC9.i

Sample Info: 460-45537-E-2-A Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:04 Calibration End Date: 09/30/2012 18:07 Calibration ID: 17840

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/7	vf479200.d
Level 2	IC 460-129926/8	vf479201.d
Level 3	IC 460-129926/9	vf479202.d
Level 4	IC 460-129926/10	vf479203.d
Level 5	IC 460-129926/11	vf479204.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.960	2.960	2.961	2.959	2.959						2.891 - 3.031	2.960
PCB-1016 Peak 2	3.640	3.640	3.641	3.639	3.640						3.571 - 3.711	3.640
PCB-1016 Peak 3	4.084	4.084	4.085	4.083	4.083						4.015 - 4.155	4.084
PCB-1016 Peak 4	4.477	4.477	4.479	4.477	4.476						4.409 - 4.549	4.477
PCB-1016 Peak 5	4.722	4.722	4.722	4.722	4.722						4.652 - 4.792	4.722
PCB-1016 Peak 6	5.157	5.158	5.158	5.157	5.157						5.088 - 5.228	5.157
PCB-1016 Peak 7	5.542	5.543	5.542	5.542	5.542						5.472 - 5.612	5.542
PCB-1016 Peak 8	5.751	5.751	5.752	5.751	5.751						5.682 - 5.822	5.751
PCB-1260 Peak 1	7.756	7.756	7.756	7.756	7.755						7.686 - 7.826	7.756
PCB-1260 Peak 2	8.216	8.215	8.215	8.215	8.215						8.145 - 8.285	8.215
PCB-1260 Peak 3	9.084	9.084	9.084	9.083	9.082						9.014 - 9.154	9.083
PCB-1260 Peak 4	9.332	9.332	9.332	9.332	9.331						9.262 - 9.402	9.332
PCB-1260 Peak 5	9.454	9.454	9.454	9.454	9.453						9.384 - 9.524	9.454
PCB-1260 Peak 6	9.901	9.901	9.901	9.901	9.901						9.831 - 9.971	9.901
PCB-1260 Peak 7	10.617	10.617	10.616	10.617	10.616						10.546 - 10.686	10.617
PCB-1260 Peak 8	11.087	11.087	11.086	11.084	11.085						11.016 - 11.156	11.086
DCB Decachlorobiphenyl	11.518	11.520	11.515	11.510	11.512						11.415 - 11.615	11.515

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:04 Calibration End Date: 09/30/2012 18:07 Calibration ID: 17840

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/7	vf479200.d
Level 2	IC 460-129926/8	vf479201.d
Level 3	IC 460-129926/9	vf479202.d
Level 4	IC 460-129926/10	vf479203.d
Level 5	IC 460-129926/11	vf479204.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	12858 8612.2	10484	9647.5	9762.1	Ave		10272.6535				15.5		20.0			
PCB-1016 Peak 2	25248 18185	21181	20808	20143	Ave		21113.0015				12.2		20.0			
PCB-1016 Peak 3	10359 7416.3	9000.7	8352.6	8441.0	Ave		8714.00841				12.4		20.0			
PCB-1016 Peak 4	45579 32814	38951	35291	35916	Ave		37710.0165				13.0		20.0			
PCB-1016 Peak 5	19485 14340	17677	14821	15952	Ave		16454.8979				12.9		20.0			
PCB-1016 Peak 6	12410 8142.6	10306	8954.3	9039.2	Ave		9770.25128				17.1		20.0			
PCB-1016 Peak 7	15097 10046	12427	11165	11215	Ave		11990.0052				16.1		20.0			
PCB-1016 Peak 8	14456 10532	12522	11609	11613	Ave		12146.3746				12.1		20.0			
PCB-1260 Peak 1	28165 18598	22320	20852	20597	Ave		22106.3931				16.5		20.0			
PCB-1260 Peak 2	32398 21164	25230	23518	23151	Ave		25092.2627				17.3		20.0			
PCB-1260 Peak 3	42792 32757	37584	35706	35493	Ave		36866.5853				10.1		20.0			
PCB-1260 Peak 4	19125 14194	16727	15681	15475	Ave		16240.5856				11.4		20.0			
PCB-1260 Peak 5	9740.7 8043.6	9033.9	8644.5	8609.6	Ave		8814.45133				7.1		20.0			
PCB-1260 Peak 6	20218 14980	16837	16387	16205	Ave		16925.5417				11.6		20.0			
PCB-1260 Peak 7	25044 18426	20516	20530	20802	Ave		21063.5761				11.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:04 Calibration End Date: 09/30/2012 18:07 Calibration ID: 17840

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	9272.9 6900.0	8098.2	7532.0	7482.9	Ave		7857.18832				11.4		20.0			
DCB Decachlorobiphenyl	306013 238335	281530	257456	246481	Ave		265963.086				10.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:04 Calibration End Date: 09/30/2012 18:07 Calibration ID: 17840

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/7	vf479200.d
Level 2	IC 460-129926/8	vf479201.d
Level 3	IC 460-129926/9	vf479202.d
Level 4	IC 460-129926/10	vf479203.d
Level 5	IC 460-129926/11	vf479204.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	1285777	5241842	9647477	14643185	21530533	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	2524804	10590544	20808307	30213965	45462323	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	1035943	4500373	8352607	12661468	18540701	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	4557926	19475271	35290615	53874092	82034010	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1948484	8838480	14821328	23927783	35848765	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1240957	5152808	8954270	13558761	20356566	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1509707	6213265	11165134	16822458	25115800	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	1445572	6260864	11609452	17418946	26330856	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2816529	11159859	20851674	30895442	46495806	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	3239811	12615093	23518487	34726449	52908911	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	4279245	18792136	35705636	53240044	81893015	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	1912505	8363664	15681452	23213228	35484032	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	974074	4516956	8644462	12914338	20108960	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	2021814	8418625	16386843	24307809	37450674	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	2504445	10257895	20530020	31202581	46064749	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	927285	4049088	7531982	11224374	17250044	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	7650320	14076513	25745578	36972164	47667099	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: vf479200.d
Report Date: 01-Oct-2012 08:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479200.d
Lab Smp Id: IC-SG1660L1_00013
Inj Date : 30-SEP-2012 17:04
Operator : Inst ID: PESTGC9.i
Smp Info : ic-SG1660L1_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:46 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 17:04 Cal File: vf479200.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.960	2.961	-0.001	1285777	100.000	120	80.00- 120.00	100.00
3.640	3.641	-0.001	2524804	100.000	120	157.09- 235.64	196.36
4.084	4.085	-0.001	1035943	100.000	120	64.46- 96.68	80.57
4.477	4.479	-0.002	4557926	100.000	120	283.59- 425.39	354.49
4.722	4.722	0.000	1948484	100.000	120	121.23- 181.85	151.54
5.157	5.158	-0.001	1240957	100.000	130	77.21- 115.82	96.51
5.542	5.542	0.000	1509707	100.000	120	93.93- 140.90	117.42
5.751	5.752	-0.001	1445572	100.000	120	89.94- 134.91	112.43
Average of Peak Amounts =					122		
27 Aroclor-1260					CAS #: 11096-82-5		
7.756	7.756	0.000	2816529	100.000	130	80.00- 120.00	100.00(M)

Data File: vf479200.d
Report Date: 01-Oct-2012 08:46

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.216	8.215	0.001	3239811	100.000	130	92.02- 138.03	115.03
9.084	9.084	0.000	4279245	100.000	120	121.55- 182.32	151.93
9.332	9.332	0.000	1912505	100.000	120	54.32- 81.48	67.90
9.454	9.454	0.000	974074	100.000	110	27.67- 41.50	34.58
9.901	9.901	0.000	2021814	100.000	120	57.43- 86.14	71.78
10.617	10.616	0.001	2504445	100.000	120	71.14- 106.70	88.92
11.087	11.086	0.001	927285	100.000	120	26.34- 39.51	32.92
Average of Peak Amounts =					120		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.518	11.515	0.003	7650320	25.0000	29	80.00- 120.00	100.00

QC Flag Legend

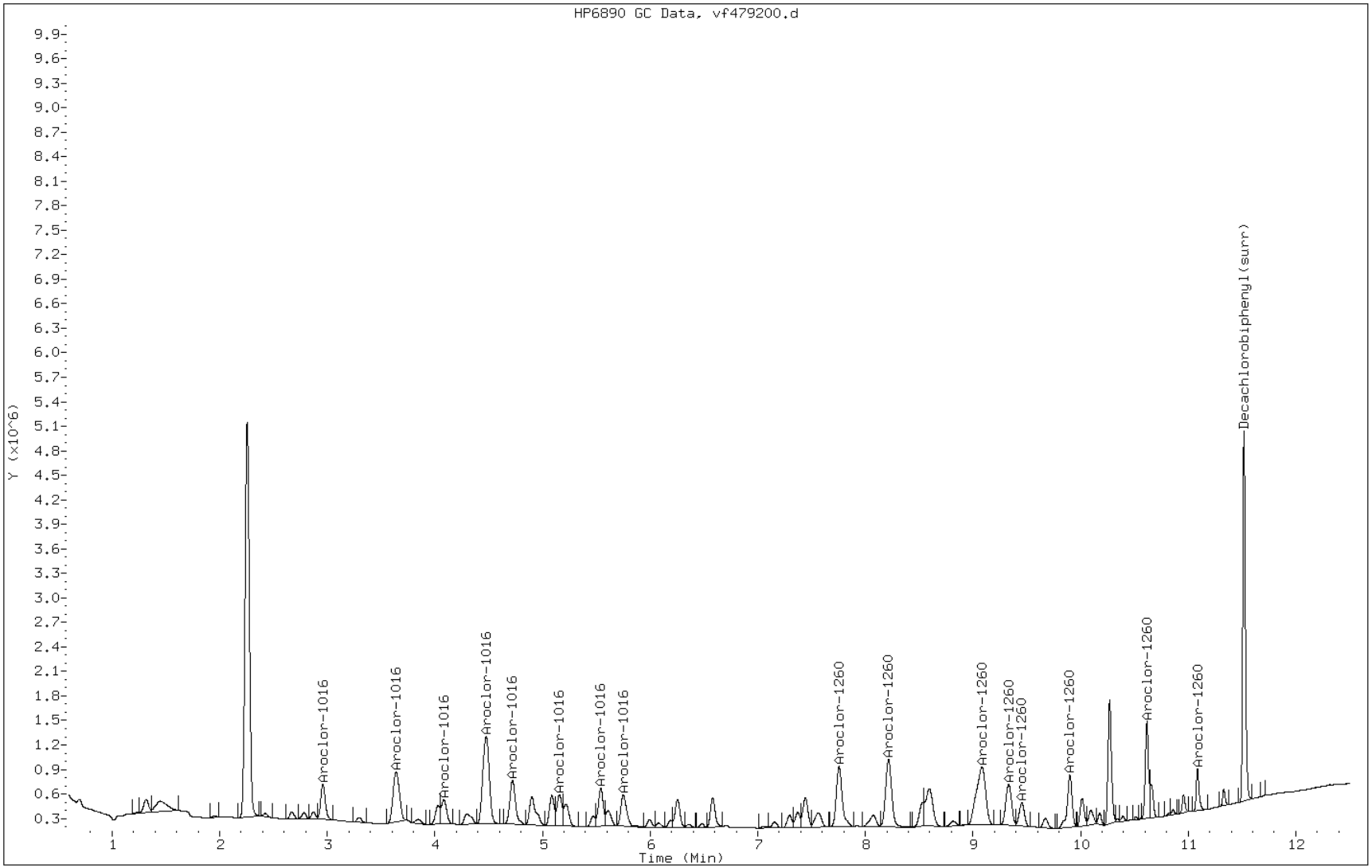
M - Compound response manually integrated.

Data File: vf479200.d

Date: 30-SEP-2012 17:04

Client ID: Instrument: PESTGC9.i

Sample Info: ic-SG1660L1_00013 Operator:



Data File: vf479201.d
Report Date: 01-Oct-2012 08:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479201.d
Lab Smp Id: IC-SG1660L2_00013
Inj Date : 30-SEP-2012 17:20
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L2_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:46 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 17:20 Cal File: vf479201.d
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.960	2.961	-0.001	5241842	500.000	510	80.00- 120.00	100.00
3.640	3.641	-0.001	10590544	500.000	500	161.63- 242.45	202.04
4.084	4.085	-0.001	4500373	500.000	520	68.68- 103.03	85.85
4.477	4.479	-0.002	19475271	500.000	520	297.23- 445.84	371.53
4.722	4.722	0.000	8838480	500.000	540	134.89- 202.34	168.61
5.158	5.158	0.000	5152808	500.000	530	78.64- 117.96	98.30
5.543	5.542	0.001	6213265	500.000	520	94.83- 142.24	118.53
5.751	5.752	-0.001	6260864	500.000	520	95.55- 143.33	119.44
Average of Peak Amounts =					518		
27 Aroclor-1260					CAS #: 11096-82-5		
7.756	7.756	0.000	11159859	500.000	500	80.00- 120.00	100.00(M)

Data File: vf479201.d
Report Date: 01-Oct-2012 08:46

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.215	8.215	0.000	12615093	500.000	500	90.43- 135.65	113.04
9.084	9.084	0.000	18792136	500.000	510	134.71- 202.07	168.39
9.332	9.332	0.000	8363664	500.000	510	59.96- 89.93	74.94
9.454	9.454	0.000	4516956	500.000	510	32.38- 48.57	40.48
9.901	9.901	0.000	8418625	500.000	500	60.35- 90.52	75.44
10.617	10.616	0.001	10257895	500.000	490	73.53- 110.30	91.92
11.087	11.086	0.001	4049088	500.000	520	29.03- 43.54	36.28
		Average of Peak Amounts =			506		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.520	11.515	0.005	14076513	50.0000	53	80.00- 120.00	100.00

QC Flag Legend

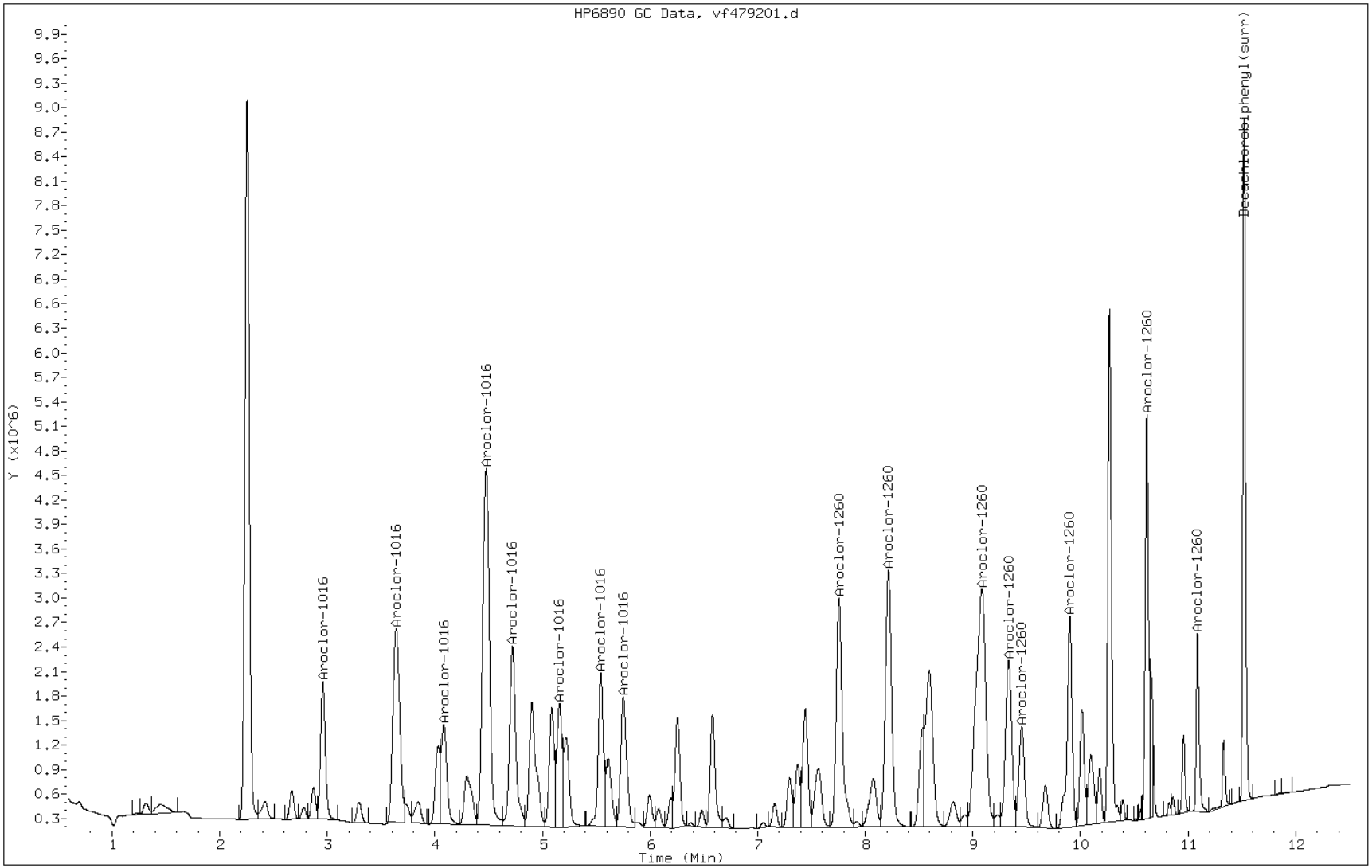
M - Compound response manually integrated.

Data File: vf479201.d

Date: 30-SEP-2012 17:20

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L2_00013 Operator:



Data File: vf479202.d
Report Date: 01-Oct-2012 08:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479202.d
Lab Smp Id: IC-SG1660L3_00019
Inj Date : 30-SEP-2012 17:35
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L3_00019
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:46 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 9 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.961	2.961	0.000	9647477	1000.00	940	80.00- 120.00	100.00
3.641	3.641	0.000	20808307	1000.00	980	172.55- 258.82	215.69
4.085	4.085	0.000	8352607	1000.00	960	69.26- 103.89	86.58
4.479	4.479	0.000	35290615	1000.00	940	292.64- 438.96	365.80
4.722	4.722	0.000	14821328	1000.00	900	122.90- 184.35	153.63
5.158	5.158	0.000	8954270	1000.00	920	74.25- 111.38	92.81
5.542	5.542	0.000	11165134	1000.00	930	92.58- 138.88	115.73
5.752	5.752	0.000	11609452	1000.00	960	96.27- 144.40	120.34
Average of Peak Amounts =					940		
27 Aroclor-1260					CAS #: 11096-82-5		
7.756	7.756	0.000	20851674	1000.00	940	80.00- 120.00	100.00(M)

Data File: vf479202.d
Report Date: 01-Oct-2012 08:46

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.215	8.215	0.000	23518487	1000.00	940	90.23- 135.35	112.79
9.084	9.084	0.000	35705636	1000.00	970	136.99- 205.48	171.24
9.332	9.332	0.000	15681452	1000.00	960	60.16- 90.25	75.20
9.454	9.454	0.000	8644462	1000.00	980	33.17- 49.75	41.46
9.901	9.901	0.000	16386843	1000.00	970	62.87- 94.31	78.59
10.616	10.616	0.000	20530020	1000.00	970	78.77- 118.15	98.46
11.086	11.086	0.000	7531982	1000.00	960	28.90- 43.35	36.12
Average of Peak Amounts =					962		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.515	11.515	0.000	25745578	100.000	97	80.00- 120.00	100.00

QC Flag Legend

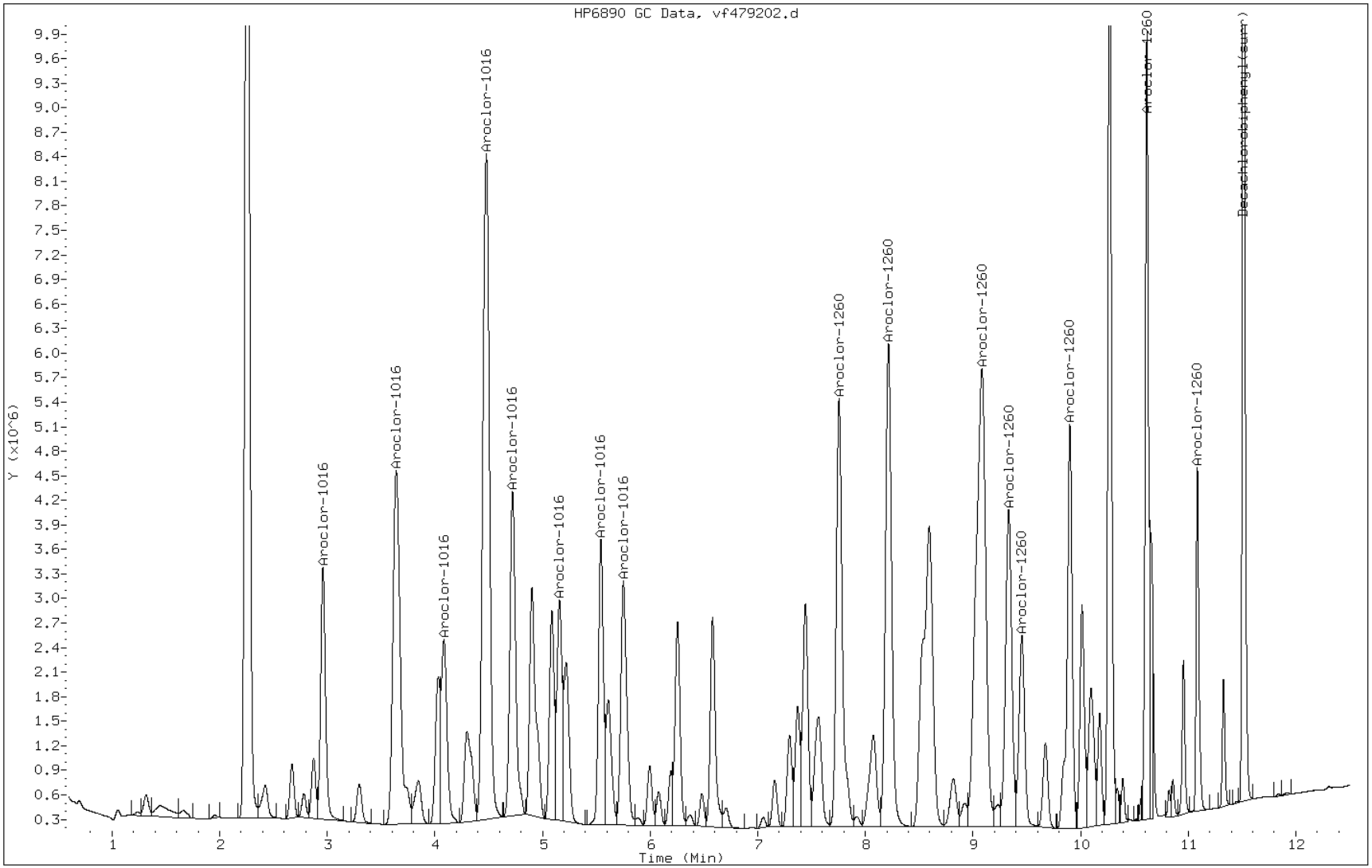
M - Compound response manually integrated.

Data File: vf479202.d

Date: 30-SEP-2012 17:35

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L3_00019 Operator:



Data File: vf479203.d
Report Date: 01-Oct-2012 08:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479203.d
Lab Smp Id: IC-SG1660L4_00013
Inj Date : 30-SEP-2012 17:51
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L4_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:46 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 17:51 Cal File: vf479203.d
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.959	2.961	-0.002	14643185	1500.00	1400	80.00- 120.00	100.00
3.639	3.641	-0.002	30213965	1500.00	1400	165.07- 247.60	206.33
4.083	4.085	-0.002	12661468	1500.00	1400	69.17- 103.76	86.47
4.477	4.479	-0.002	53874092	1500.00	1400	294.33- 441.49	367.91
4.722	4.722	0.000	23927783	1500.00	1400	130.72- 196.09	163.41
5.157	5.158	-0.001	13558761	1500.00	1400	74.08- 111.11	92.59
5.542	5.542	0.000	16822458	1500.00	1400	91.91- 137.86	114.88
5.751	5.752	-0.001	17418946	1500.00	1400	95.16- 142.75	118.96
Average of Peak Amounts = 1.43e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
7.756	7.756	0.000	30895442	1500.00	1400	80.00- 120.00	100.00(M)

Data File: vf479203.d
Report Date: 01-Oct-2012 08:46

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.215	8.215	0.000	34726449	1500.00	1400	89.92- 134.88	112.40
9.083	9.084	-0.001	53240044	1500.00	1400	137.86- 206.79	172.32
9.332	9.332	0.000	23213228	1500.00	1400	60.11- 90.16	75.13
9.454	9.454	0.000	12914338	1500.00	1500	33.44- 50.16	41.80
9.901	9.901	0.000	24307809	1500.00	1400	62.94- 94.41	78.68
10.617	10.616	0.001	31202581	1500.00	1500	80.80- 121.19	100.99
11.084	11.086	-0.002	11224374	1500.00	1400	29.06- 43.60	36.33
Average of Peak Amounts =				1.43e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.510	11.515	-0.005	36972164	150.000	140	80.00- 120.00	100.00

QC Flag Legend

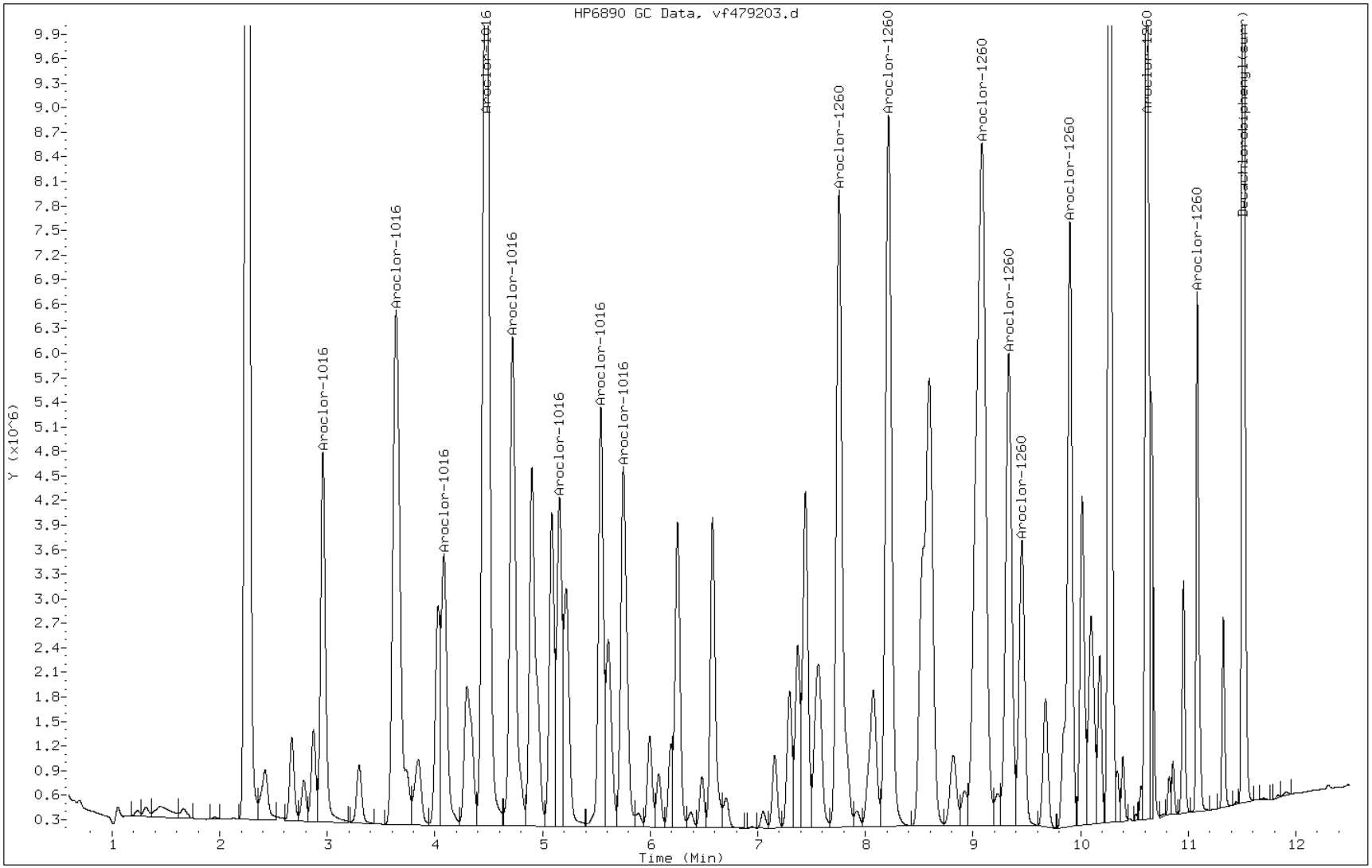
M - Compound response manually integrated.

Data File: vf479203.d

Date: 30-SEP-2012 17:51

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L4_00013 Operator:



Data File: vf479204.d
Report Date: 01-Oct-2012 08:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479204.d
Lab Smp Id: IC-SG1660L5_00013
Inj Date : 30-SEP-2012 18:07
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L5_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:46 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 18:07 Cal File: vf479204.d
Als bottle: 11 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.959	2.961	-0.002	21530533	2500.00	2100	80.00- 120.00	100.00
3.640	3.641	-0.001	45462323	2500.00	2200	168.92- 253.38	211.15
4.083	4.085	-0.002	18540701	2500.00	2100	68.89- 103.34	86.11
4.476	4.479	-0.003	82034010	2500.00	2200	304.81- 457.21	381.01
4.722	4.722	0.000	35848765	2500.00	2200	133.20- 199.80	166.50
5.157	5.158	-0.001	20356566	2500.00	2100	75.64- 113.46	94.55
5.542	5.542	0.000	25115800	2500.00	2100	93.32- 139.98	116.65
5.751	5.752	-0.001	26330856	2500.00	2200	97.84- 146.75	122.30
Average of Peak Amounts =				2.13e+03			
27 Aroclor-1260					CAS #: 11096-82-5		
7.755	7.756	-0.001	46495806	2500.00	2100	80.00- 120.00	100.00(M)

Data File: vf479204.d
Report Date: 01-Oct-2012 08:46

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.215	8.215	0.000	52908911	2500.00	2100	91.03- 136.55	113.79
9.082	9.084	-0.002	81893015	2500.00	2200	140.90- 211.36	176.13
9.331	9.332	-0.001	35484032	2500.00	2200	61.05- 91.58	76.32
9.453	9.454	-0.001	20108960	2500.00	2300	34.60- 51.90	43.25
9.901	9.901	0.000	37450674	2500.00	2200	64.44- 96.66	80.55
10.616	10.616	0.000	46064749	2500.00	2200	79.26- 118.89	99.07
11.085	11.086	-0.001	17250044	2500.00	2200	29.68- 44.52	37.10
Average of Peak Amounts =				2.19e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.512	11.515	-0.003	47667099	200.000	180	80.00- 120.00	100.00

QC Flag Legend

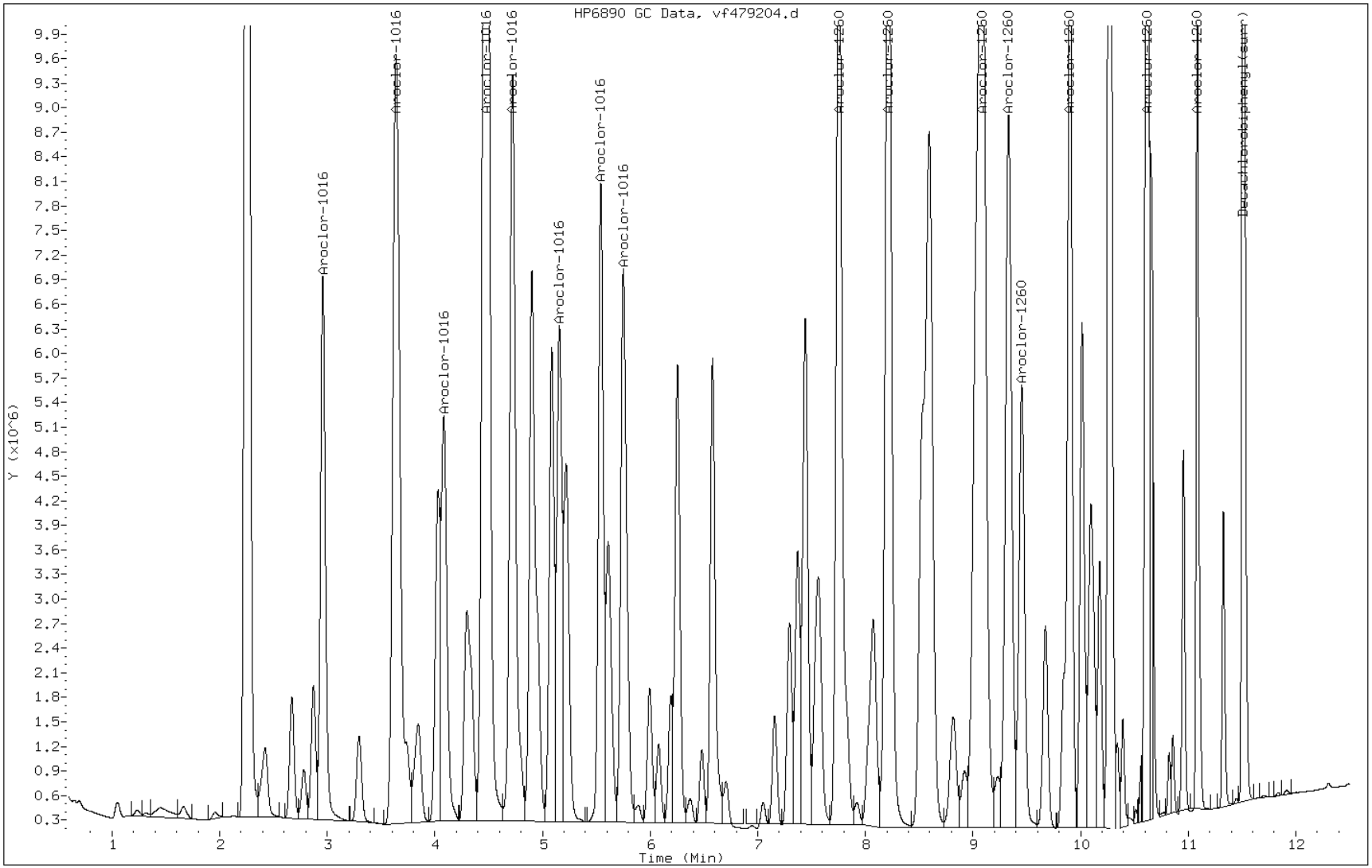
M - Compound response manually integrated.

Data File: vf479204.d

Date: 30-SEP-2012 18:07

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L5_00013 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:04 Calibration End Date: 09/30/2012 18:07 Calibration ID: 17839

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/7	vr479200.d
Level 2	IC 460-129926/8	vr479201.d
Level 3	IC 460-129926/9	vr479202.d
Level 4	IC 460-129926/10	vr479203.d
Level 5	IC 460-129926/11	vr479204.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.085	2.084	2.085	2.083	2.084						2.015 - 2.155	2.084
PCB-1016 Peak 2	2.527	2.526	2.527	2.527	2.526						2.457 - 2.597	2.527
PCB-1016 Peak 3	2.777	2.776	2.777	2.775	2.775						2.707 - 2.847	2.776
PCB-1016 Peak 4	3.128	3.128	3.130	3.128	3.127						3.060 - 3.200	3.128
PCB-1016 Peak 5	3.329	3.329	3.330	3.328	3.328						3.260 - 3.400	3.329
PCB-1016 Peak 6	3.682	3.682	3.685	3.683	3.681						3.615 - 3.755	3.682
PCB-1016 Peak 7	4.042	4.043	4.043	4.042	4.043						3.973 - 4.113	4.043
PCB-1016 Peak 8	4.190	4.190	4.191	4.188	4.190						4.121 - 4.261	4.190
PCB-1260 Peak 1	6.072	6.072	6.072	6.071	6.071						6.002 - 6.142	6.071
PCB-1260 Peak 2	6.522	6.523	6.522	6.522	6.521						6.452 - 6.592	6.522
PCB-1260 Peak 3	6.964	6.965	6.964	6.963	6.964						6.894 - 7.034	6.964
PCB-1260 Peak 4	7.165	7.165	7.165	7.164	7.164						7.095 - 7.235	7.164
PCB-1260 Peak 5	7.602	7.603	7.602	7.602	7.601						7.532 - 7.672	7.602
PCB-1260 Peak 6	8.893	8.894	8.893	8.893	8.892						8.823 - 8.963	8.893
PCB-1260 Peak 7	9.115	9.115	9.115	9.115	9.114						9.045 - 9.185	9.115
PCB-1260 Peak 8	10.153	10.154	10.153	10.153	10.153						10.083 - 10.223	10.153
DCB Decachlorobiphenyl	10.625	10.625	10.624	10.624	10.624						10.524 - 10.724	10.624

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:04 Calibration End Date: 09/30/2012 18:07 Calibration ID: 17839

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/7	vr479200.d
Level 2	IC 460-129926/8	vr479201.d
Level 3	IC 460-129926/9	vr479202.d
Level 4	IC 460-129926/10	vr479203.d
Level 5	IC 460-129926/11	vr479204.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	21391 13626	15827	14690	14212	Ave		15949.3236				19.7		20.0			
PCB-1016 Peak 2	34434 22693	28377	25503	25147	Ave		27230.9984				16.5		20.0			
PCB-1016 Peak 3	20149 16990	18502	16986	17137	Ave		17952.9604				7.7		20.0			
PCB-1016 Peak 4	75334 50020	61344	55787	54988	Ave		59494.7119				16.3		20.0			
PCB-1016 Peak 5	26774 20028	23733	21963	21970	Ave		22893.6643				11.1		20.0			
PCB-1016 Peak 6	30865 19526	24479	22517	21099	Ave		23697.2316				18.6		20.0			
PCB-1016 Peak 7	25842 20131	23012	21540	21539	Ave		22412.7747				9.7		20.0			
PCB-1016 Peak 8	12619 9499.5	9468.9	8630.3	10572	Ave		10157.8271				15.1		20.0			
PCB-1260 Peak 1	41532 27565	33110	31025	30153	Ave		32677.1001				16.3		20.0			
PCB-1260 Peak 2	78411 50491	60909	57128	55396	Ave		60467.1657				17.7		20.0			
PCB-1260 Peak 3	68452 48612	55082	53236	51879	Ave		55452.0757				13.8		20.0			
PCB-1260 Peak 4	37971 26073	30462	28586	27726	Ave		30163.8112				15.4		20.0			
PCB-1260 Peak 5	34082 24302	26592	25567	24776	Ave		27063.7128				14.8		20.0			
PCB-1260 Peak 6	38982 31697	34673	33173	33311	Ave		34367.2090				8.1		20.0			
PCB-1260 Peak 7	23297 20512	21847	20031	20123	Ave		21162.0048				6.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:04 Calibration End Date: 09/30/2012 18:07 Calibration ID: 17839

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	18824 16013	17382	16914	17092	Ave		17245.0198				5.9		20.0			
DCB Decachlorobiphenyl	544588 415700	499440	455074	438703	Ave		470701.073				10.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:04 Calibration End Date: 09/30/2012 18:07 Calibration ID: 17839

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/7	vr479200.d
Level 2	IC 460-129926/8	vr479201.d
Level 3	IC 460-129926/9	vr479202.d
Level 4	IC 460-129926/10	vr479203.d
Level 5	IC 460-129926/11	vr479204.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	2139086	7913738	14690255	21317999	34065069	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	3443416	14188692	25503333	37720095	56733462	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	2014938	9251204	16986172	25705034	42475382	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	7533379	30672168	55786970	82482485	125050351	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	2677413	11866731	21962918	32955239	50069130	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	3086462	12239557	22517485	31648230	48815297	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	2584175	11505820	21540272	32309208	50326849	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	1261883	4734436	8630325	15857466	23748661	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	4153239	16554914	31025367	45229464	68912349	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	7841143	30454619	57128111	83094008	126227611	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	6845178	27541094	53235986	77818190	121529078	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	3797116	15230911	28586487	41589423	65183263	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	3408191	13295973	25567248	37163734	60754093	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	3898216	17336408	33172625	49966572	79243490	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	2329661	10923449	20031237	30184937	51279969	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	1882356	8691093	16914378	25637846	40032694	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	13614701	24972013	45507407	65805444	83140007	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479200.d
Lab Smp Id: IC-SG1660L1_00013
Inj Date : 30-SEP-2012 17:04
Operator : Inst ID: PESTGC9.i
Smp Info : ic-SG1660L1_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.085	2.085	0.000	2139086	100.000	130	80.00- 120.00	100.00(M)
2.527	2.527	0.000	3443416	100.000	130	133.24- 199.85	160.98
2.777	2.777	0.000	2014938	100.000	110	99.75- 149.63	94.20
3.128	3.130	-0.002	7533379	100.000	130	293.67- 440.51	352.18
3.329	3.330	-0.001	2677413	100.000	120	117.58- 176.38	125.17
3.682	3.685	-0.003	3086462	100.000	130	114.64- 171.96	144.29
4.042	4.043	-0.001	2584175	100.000	120	118.19- 177.28	120.81
4.190	4.191	-0.001	1261883	100.000	120	55.77- 83.66	58.99
Average of Peak Amounts =					123		
27 Aroclor-1260					CAS #: 11096-82-5		
6.072	6.072	0.000	4153239	100.000	130	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.522	6.522	0.000	7841143	100.000	130	146.54- 219.81	188.80
6.964	6.964	0.000	6845178	100.000	120	141.08- 211.62	164.82
7.165	7.165	0.000	3797116	100.000	120	75.67- 113.51	91.43
7.602	7.602	0.000	3408191	100.000	120	70.53- 105.79	82.06
8.893	8.893	0.000	3898216	100.000	110	91.99- 137.99	93.86
9.115	9.115	0.000	2329661	100.000	110	59.53- 89.30	56.09
10.153	10.153	0.000	1882356	100.000	110	46.47- 69.71	45.32
		Average of Peak Amounts =			121		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.625	10.624	0.001	13614701	25.0000	29	80.00- 120.00	100.00

QC Flag Legend

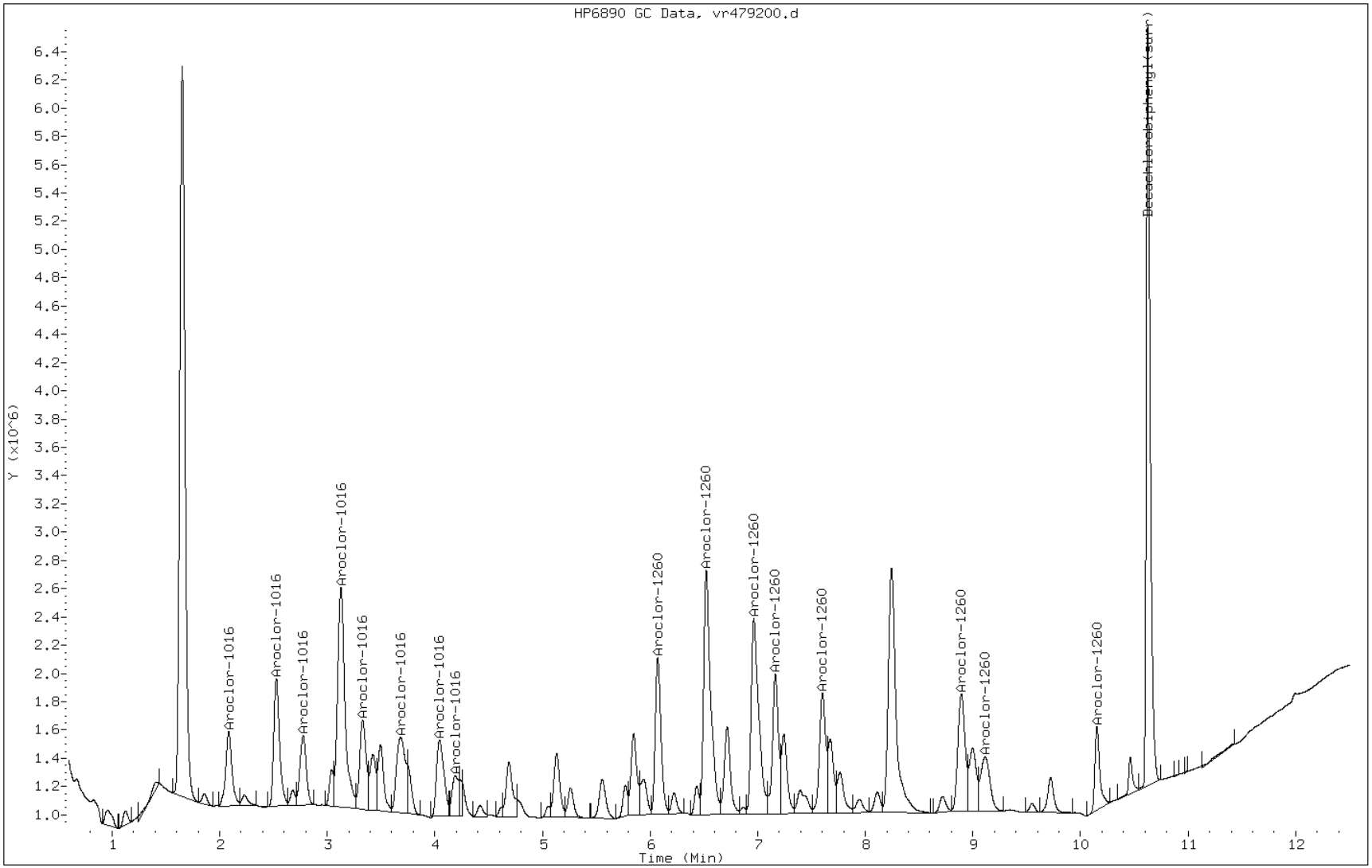
M - Compound response manually integrated.

Data File: vr479200.d

Date: 30-SEP-2012 17:04

Client ID: Instrument: PESTGC9.i

Sample Info: ic-SG1660L1_00013 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479201.d
Lab Smp Id: IC-SG1660L2_00013
Inj Date : 30-SEP-2012 17:20
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L2_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.084	2.085	-0.001	7913738	500.000	500	80.00- 120.00	100.00(M)
2.526	2.527	-0.001	14188692	500.000	520	133.24- 199.85	179.29
2.776	2.777	-0.001	9251204	500.000	520	99.75- 149.63	116.90
3.128	3.130	-0.002	30672168	500.000	520	293.67- 440.51	387.58
3.329	3.330	-0.001	11866731	500.000	520	117.58- 176.38	149.95
3.682	3.685	-0.003	12239557	500.000	520	114.64- 171.96	154.66
4.043	4.043	0.000	11505820	500.000	510	118.19- 177.28	145.39
4.190	4.191	-0.001	4734436	500.000	470	55.77- 83.66	59.83
Average of Peak Amounts =					508		
27 Aroclor-1260					CAS #: 11096-82-5		
6.072	6.072	0.000	16554914	500.000	510	80.00- 120.00	100.00

				AMOUNTS			
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.523	6.522	0.001	30454619	500.000	500	146.54- 219.81	183.96
6.965	6.964	0.001	27541094	500.000	500	141.08- 211.62	166.36
7.165	7.165	0.000	15230911	500.000	500	75.67- 113.51	92.00
7.603	7.602	0.001	13295973	500.000	490	70.53- 105.79	80.31
8.894	8.893	0.001	17336408	500.000	500	91.99- 137.99	104.72
9.115	9.115	0.000	10923449	500.000	520	59.53- 89.30	65.98
10.154	10.153	0.001	8691093	500.000	500	46.47- 69.71	52.50
		Average of Peak Amounts =			503		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.625	10.624	0.001	24972013	50.0000	53	80.00- 120.00	100.00

QC Flag Legend

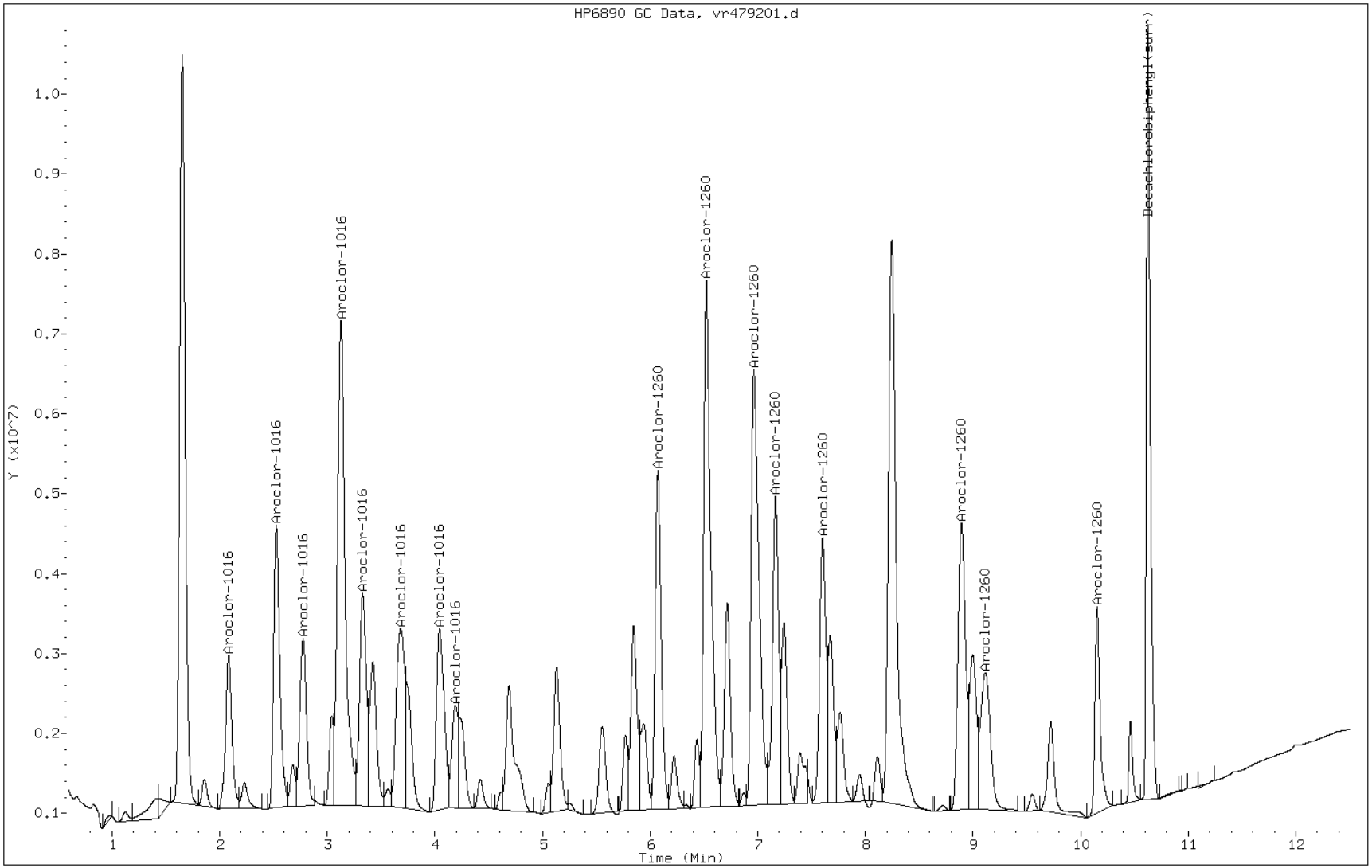
M - Compound response manually integrated.

Data File: vr479201.d

Date: 30-SEP-2012 17:20

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L2_00013 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479202.d
Lab Smp Id: IC-SG1660L3_00019
Inj Date : 30-SEP-2012 17:35
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L3_00019
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 9 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.085	2.085	0.000	14690255	1000.00	920	80.00- 120.00	100.00(M)
2.527	2.527	0.000	25503333	1000.00	940	133.24- 199.85	173.61
2.777	2.777	0.000	16986172	1000.00	950	99.75- 149.63	115.63
3.130	3.130	0.000	55786970	1000.00	940	293.67- 440.51	379.75
3.330	3.330	0.000	21962918	1000.00	960	117.58- 176.38	149.51
3.685	3.685	0.000	22517485	1000.00	950	114.64- 171.96	153.28
4.043	4.043	0.000	21540272	1000.00	960	118.19- 177.28	146.63
4.191	4.191	0.000	8630325	1000.00	850	55.77- 83.66	58.75
Average of Peak Amounts =					933		
27 Aroclor-1260					CAS #: 11096-82-5		
6.072	6.072	0.000	31025367	1000.00	950	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.522	6.522	0.000	57128111	1000.00	940	146.54- 219.81	184.13
6.964	6.964	0.000	53235986	1000.00	960	141.08- 211.62	171.59
7.165	7.165	0.000	28586487	1000.00	950	75.67- 113.51	92.14
7.602	7.602	0.000	25567248	1000.00	940	70.53- 105.79	82.41
8.893	8.893	0.000	33172625	1000.00	960	91.99- 137.99	106.92
9.115	9.115	0.000	20031237	1000.00	950	59.53- 89.30	64.56
10.153	10.153	0.000	16914378	1000.00	980	46.47- 69.71	54.52
		Average of Peak Amounts =			955		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.624	10.624	0.000	45507407	100.000	97	80.00- 120.00	100.00

QC Flag Legend

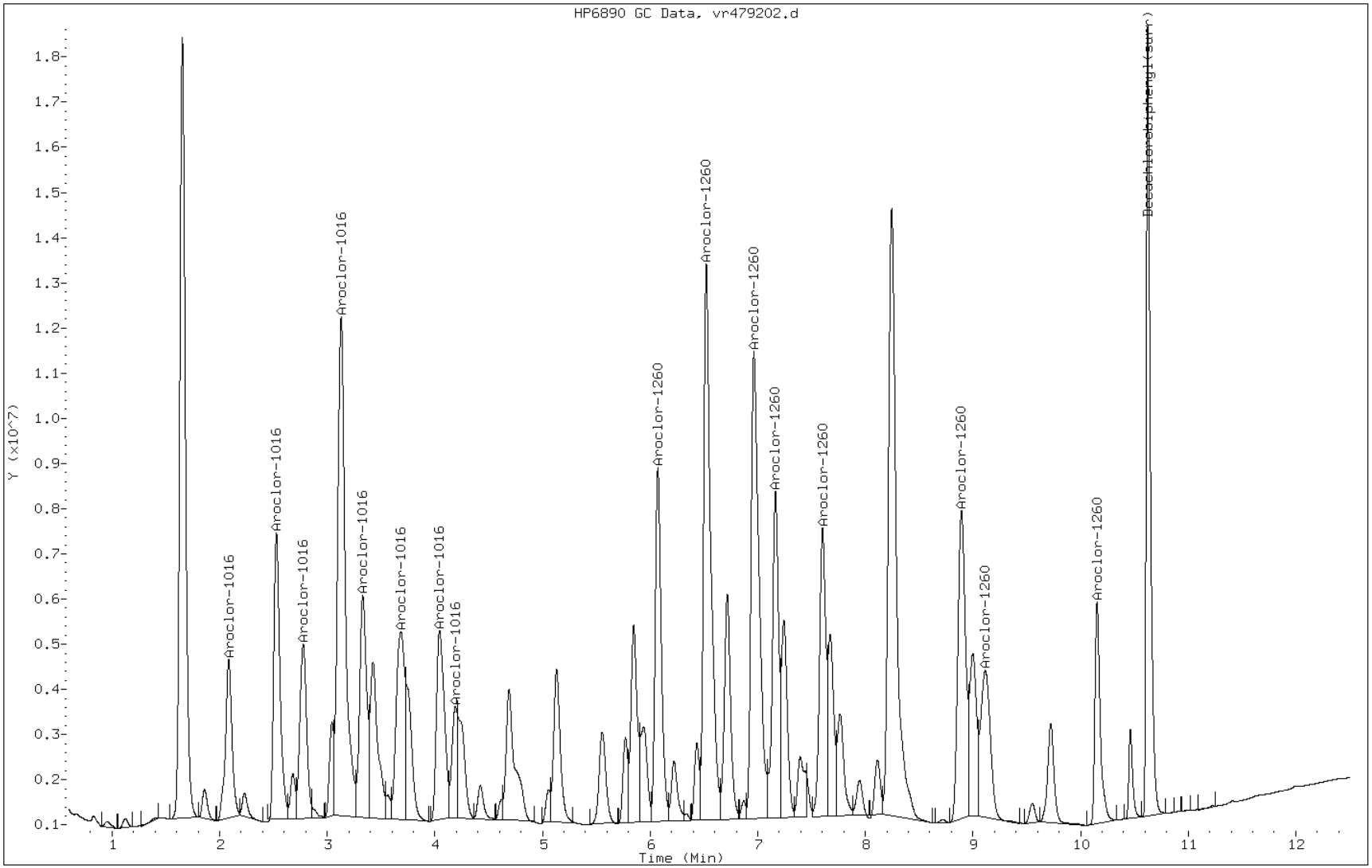
M - Compound response manually integrated.

Data File: vr479202.d

Date: 30-SEP-2012 17:35

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L3_00019 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479203.d
Lab Smp Id: IC-SG1660L4_00013
Inj Date : 30-SEP-2012 17:51
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L4_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.083	2.085	-0.002	21317999	1500.00	1300	80.00- 120.00	100.00(M)
2.527	2.527	0.000	37720095	1500.00	1400	133.24- 199.85	176.94
2.775	2.777	-0.002	25705034	1500.00	1400	99.75- 149.63	120.58
3.128	3.130	-0.002	82482485	1500.00	1400	293.67- 440.51	386.91
3.328	3.330	-0.002	32955239	1500.00	1400	117.58- 176.38	154.59
3.683	3.685	-0.002	31648230	1500.00	1300	114.64- 171.96	148.46
4.042	4.043	-0.001	32309208	1500.00	1400	118.19- 177.28	151.56
4.188	4.191	-0.003	15857466	1500.00	1600	55.77- 83.66	74.39
Average of Peak Amounts = 1.41e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
6.071	6.072	-0.001	45229464	1500.00	1400	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.522	6.522	0.000	83094008	1500.00	1400	146.54- 219.81	183.72
6.963	6.964	-0.001	77818190	1500.00	1400	141.08- 211.62	172.05
7.164	7.165	-0.001	41589423	1500.00	1400	75.67- 113.51	91.95
7.602	7.602	0.000	37163734	1500.00	1400	70.53- 105.79	82.17
8.893	8.893	0.000	49966572	1500.00	1400	91.99- 137.99	110.47
9.115	9.115	0.000	30184937	1500.00	1400	59.53- 89.30	66.74
10.153	10.153	0.000	25637846	1500.00	1500	46.47- 69.71	56.68
Average of Peak Amounts =				1.41e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.624	10.624	0.000	65805444	150.000	140	80.00- 120.00	100.00

QC Flag Legend

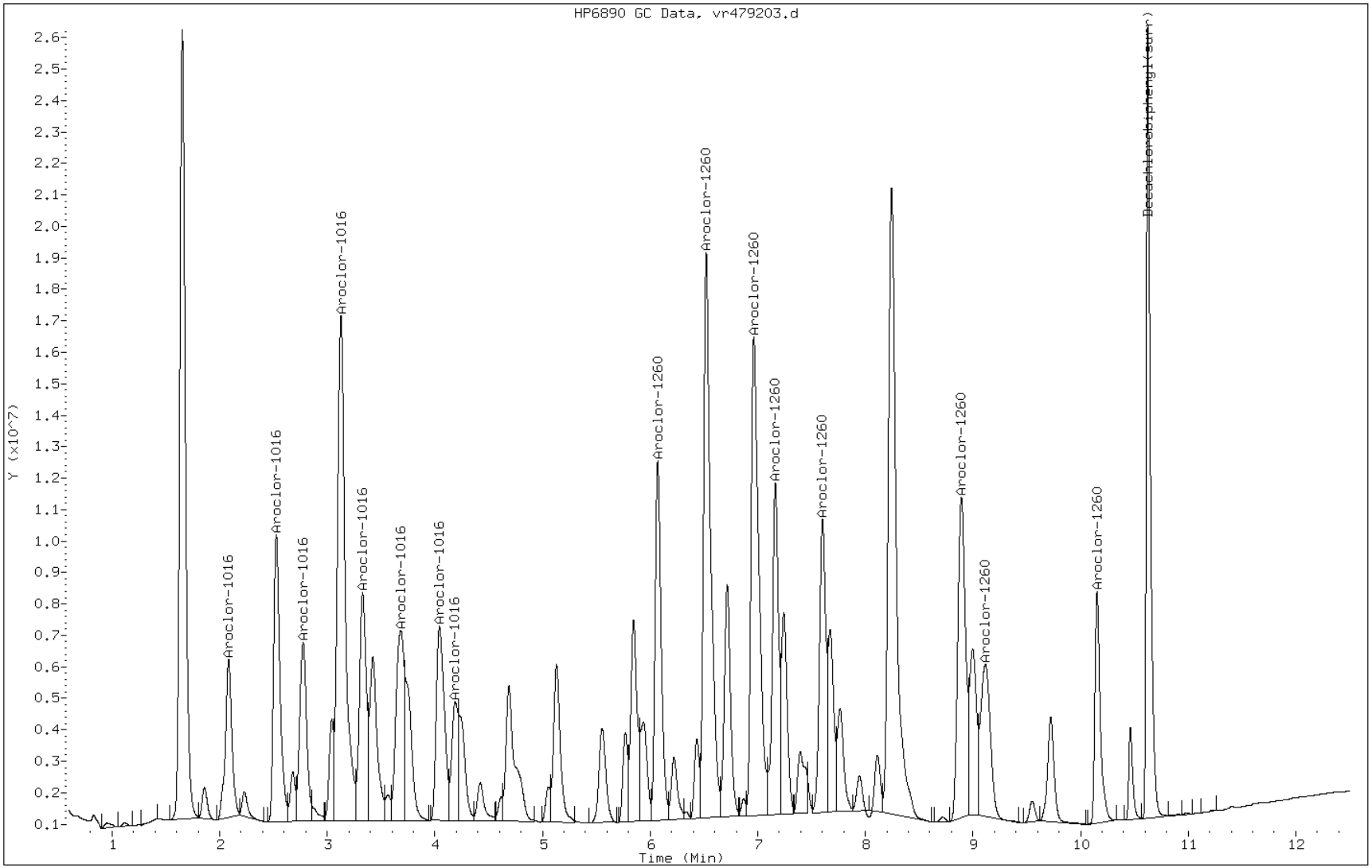
M - Compound response manually integrated.

Data File: vr479203.d

Date: 30-SEP-2012 17:51

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L4_00013 Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479204.d
Lab Smp Id: IC-SG1660L5_00013
Inj Date : 30-SEP-2012 18:07
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L5_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 11 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.084	2.085	-0.001	34065069	2500.00	2100	80.00- 120.00	100.00(M)
2.526	2.527	-0.001	56733462	2500.00	2100	133.24- 199.85	166.54
2.775	2.777	-0.002	42475382	2500.00	2400	99.75- 149.63	124.69
3.127	3.130	-0.003	125050351	2500.00	2100	293.67- 440.51	367.09
3.328	3.330	-0.002	50069130	2500.00	2200	117.58- 176.38	146.98
3.681	3.685	-0.004	48815297	2500.00	2000	114.64- 171.96	143.30
4.043	4.043	0.000	50326849	2500.00	2200	118.19- 177.28	147.74
4.190	4.191	-0.001	23748661	2500.00	2300	55.77- 83.66	69.72
Average of Peak Amounts = 2.19e+03							
27 Aroclor-1260					CAS #: 11096-82-5		
6.071	6.072	-0.001	68912349	2500.00	2100	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.521	6.522	-0.001	126227611	2500.00	2100	146.54- 219.81	183.17
6.964	6.964	0.000	121529078	2500.00	2200	141.08- 211.62	176.35
7.164	7.165	-0.001	65183263	2500.00	2200	75.67- 113.51	94.59
7.601	7.602	-0.001	60754093	2500.00	2200	70.53- 105.79	88.16
8.892	8.893	-0.001	79243490	2500.00	2300	91.99- 137.99	114.99
9.114	9.115	-0.001	51279969	2500.00	2400	59.53- 89.30	74.41
10.153	10.153	0.000	40032694	2500.00	2300	46.47- 69.71	58.09
Average of Peak Amounts =				2.23e+03			
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.624	10.624	0.000	83140007	200.000	180	80.00- 120.00	100.00

QC Flag Legend

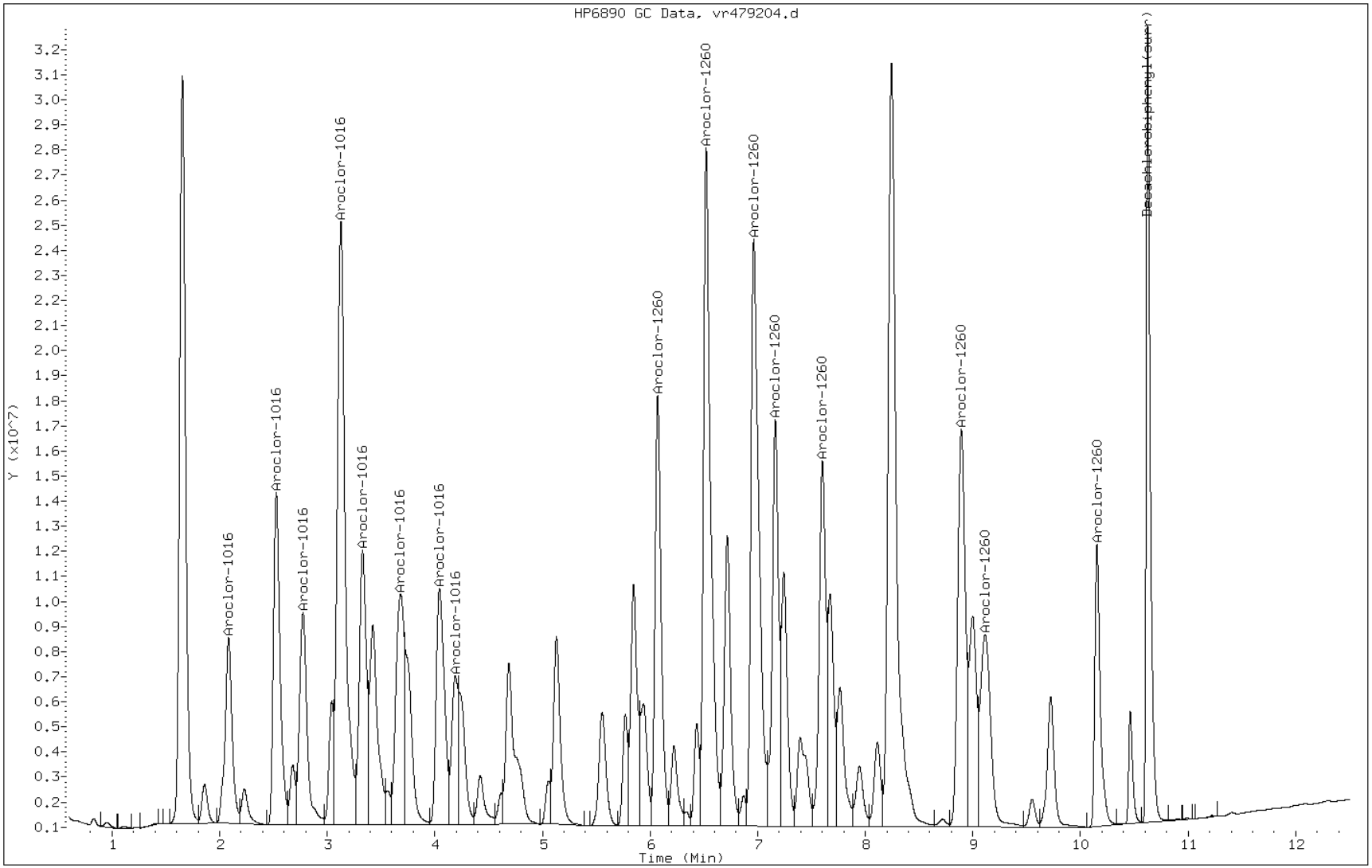
M - Compound response manually integrated.

Data File: vr479204.d

Date: 30-SEP-2012 18:07

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L5_00013 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:22 Calibration End Date: 09/30/2012 18:22 Calibration ID: 17848

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/12	vf479205.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.665										1.595 - 1.735	1.665
PCB-1221 Peak 2	2.135										2.065 - 2.205	2.135
PCB-1221 Peak 3	2.672										2.602 - 2.742	2.672
PCB-1221 Peak 4	2.873										2.803 - 2.943	2.873
PCB-1221 Peak 5	2.961										2.891 - 3.031	2.961
PCB-1221 Peak 6	3.739										3.669 - 3.809	3.739
PCB-1221 Peak 7	4.083										4.013 - 4.153	4.083
PCB-1221 Peak 8	4.477										4.407 - 4.547	4.477

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:22 Calibration End Date: 09/30/2012 18:22 Calibration ID: 17848

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/12	vf479205.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	4710.6				Ave		4710.61300						20.0			
PCB-1221 Peak 2	1296.1				Ave		1296.07500						20.0			
PCB-1221 Peak 3	5852.4				Ave		5852.37100						20.0			
PCB-1221 Peak 4	4001.5				Ave		4001.54200						20.0			
PCB-1221 Peak 5	13789				Ave		13788.9080						20.0			
PCB-1221 Peak 6	1848.8				Ave		1848.80400						20.0			
PCB-1221 Peak 7	615.01				Ave		615.008000						20.0			
PCB-1221 Peak 8	2416.5				Ave		2416.52800						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:22 Calibration End Date: 09/30/2012 18:22 Calibration ID: 17848

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/12	vf479205.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	4710613					1000				
PCB-1221 Peak 2	Ave	1296075					1000				
PCB-1221 Peak 3	Ave	5852371					1000				
PCB-1221 Peak 4	Ave	4001542					1000				
PCB-1221 Peak 5	Ave	13788908					1000				
PCB-1221 Peak 6	Ave	1848804					1000				
PCB-1221 Peak 7	Ave	615008					1000				
PCB-1221 Peak 8	Ave	2416528					1000				

Curve Type Legend:

Ave = Average

Data File: vf479205.d
Report Date: 01-Oct-2012 08:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479205.d
Lab Smp Id: IC-SG1221L3_00014
Inj Date : 30-SEP-2012 18:22
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:46 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12210.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

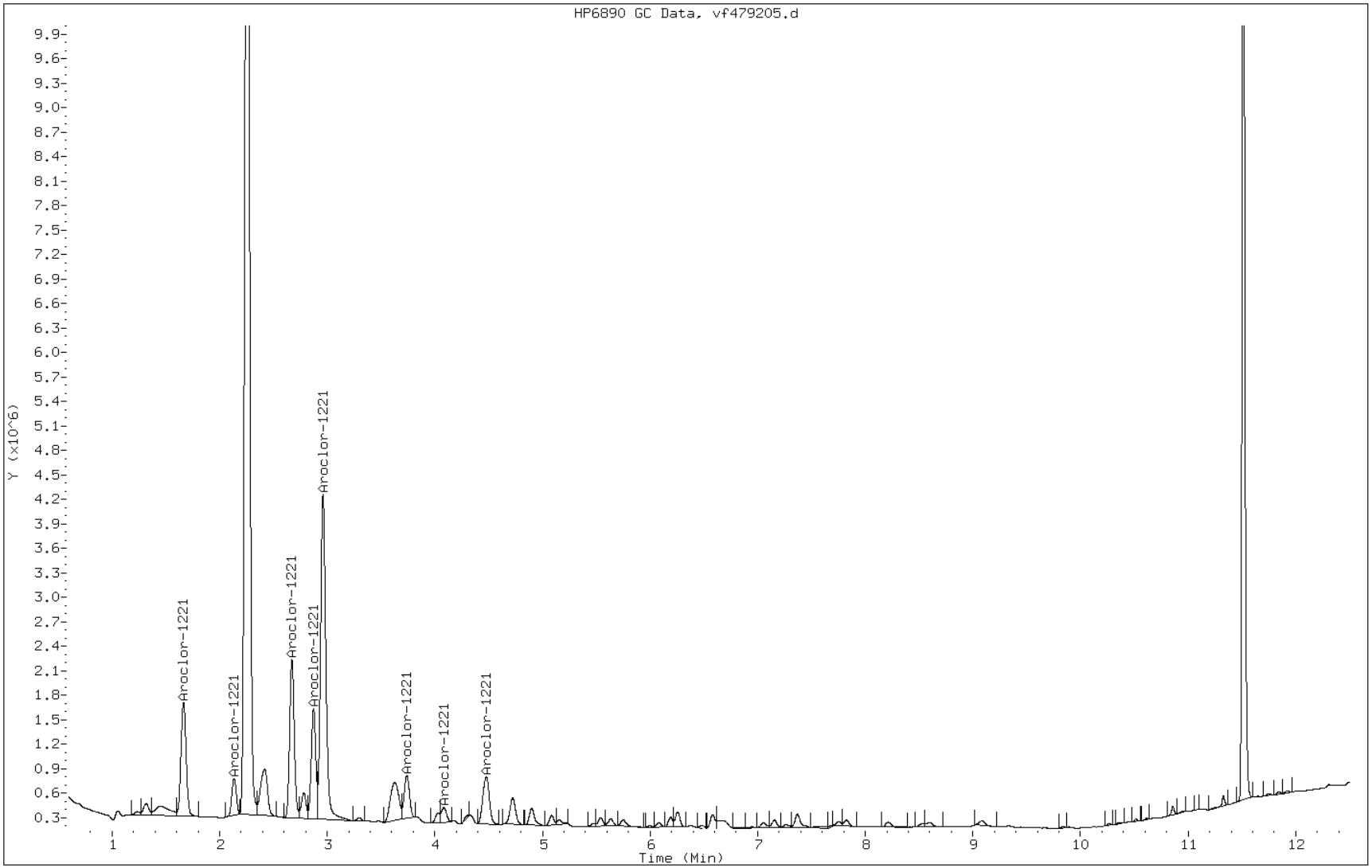
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
22 Aroclor-1221					CAS #: 11104-28-2			
1.665	1.665	0.000	4710613	1000.00	1000	80.00-	120.00	100.00
2.135	2.135	0.000	1296075	1000.00	1000	22.01-	33.02	27.51
2.672	2.672	0.000	5852371	1000.00	1000	99.39-	149.09	124.24
2.873	2.873	0.000	4001542	1000.00	1000	67.96-	101.94	84.95
2.961	2.961	0.000	13788908	1000.00	1000	234.18-	351.26	292.72
3.739	3.739	0.000	1848804	1000.00	1000	31.40-	47.10	39.25
4.083	4.083	0.000	615008	1000.00	1000	10.44-	15.67	13.06
4.477	4.477	0.000	2416528	1000.00	1000	41.04-	61.56	51.30
Average of Peak Amounts =					1e+03			

Data File: vf479205.d

Date: 30-SEP-2012 18:22

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1221L3_00014 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:22 Calibration End Date: 09/30/2012 18:22 Calibration ID: 17841

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/12	vr479205.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.111										1.041 - 1.181	1.111
PCB-1221 Peak 2	1.511										1.441 - 1.581	1.511
PCB-1221 Peak 3	1.860										1.790 - 1.930	1.860
PCB-1221 Peak 4	2.082										2.012 - 2.152	2.082
PCB-1221 Peak 5	2.528										2.458 - 2.598	2.528
PCB-1221 Peak 6	2.602										2.532 - 2.672	2.602
PCB-1221 Peak 7	2.685										2.615 - 2.755	2.685
PCB-1221 Peak 8	3.130										3.060 - 3.200	3.130

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:22 Calibration End Date: 09/30/2012 18:22 Calibration ID: 17841

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/12	vr479205.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	6402.4				Ave		6402.40200						20.0			
PCB-1221 Peak 2	3057.1				Ave		3057.10000						20.0			
PCB-1221 Peak 3	9527.0				Ave		9526.97700						20.0			
PCB-1221 Peak 4	24981				Ave		24981.1580						20.0			
PCB-1221 Peak 5	2733.6				Ave		2733.64000						20.0			
PCB-1221 Peak 6	2212.3				Ave		2212.25900						20.0			
PCB-1221 Peak 7	4163.3				Ave		4163.27900						20.0			
PCB-1221 Peak 8	4890.9				Ave		4890.94700						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:22 Calibration End Date: 09/30/2012 18:22 Calibration ID: 17841

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/12	vr479205.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	6402402					1000				
PCB-1221 Peak 2	Ave	3057100					1000				
PCB-1221 Peak 3	Ave	9526977					1000				
PCB-1221 Peak 4	Ave	24981158					1000				
PCB-1221 Peak 5	Ave	2733640					1000				
PCB-1221 Peak 6	Ave	2212259					1000				
PCB-1221 Peak 7	Ave	4163279					1000				
PCB-1221 Peak 8	Ave	4890947					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479205.d
Lab Smp Id: IC-SG1221L3_00014
Inj Date : 30-SEP-2012 18:22
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12210.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
22 Aroclor-1221					CAS #: 11104-28-2		
1.111	1.111	0.000	6402402	1000.00	1000	80.00- 120.00	100.00(M)
1.511	1.511	0.000	3057100	1000.00	1000	38.20- 57.30	47.75
1.860	1.860	0.000	9526977	1000.00	1000	119.04- 178.56	148.80
2.082	2.082	0.000	24981158	1000.00	1000	312.15- 468.22	390.18
2.528	2.528	0.000	2733640	1000.00	1000	34.16- 51.24	42.70
2.602	2.602	0.000	2212259	1000.00	1000	27.64- 41.46	34.55
2.685	2.685	0.000	4163279	1000.00	1000	52.02- 78.03	65.03
3.130	3.130	0.000	4890947	1000.00	1000	61.11- 91.67	76.39
Average of Peak Amounts =					1e+03		

QC Flag Legend

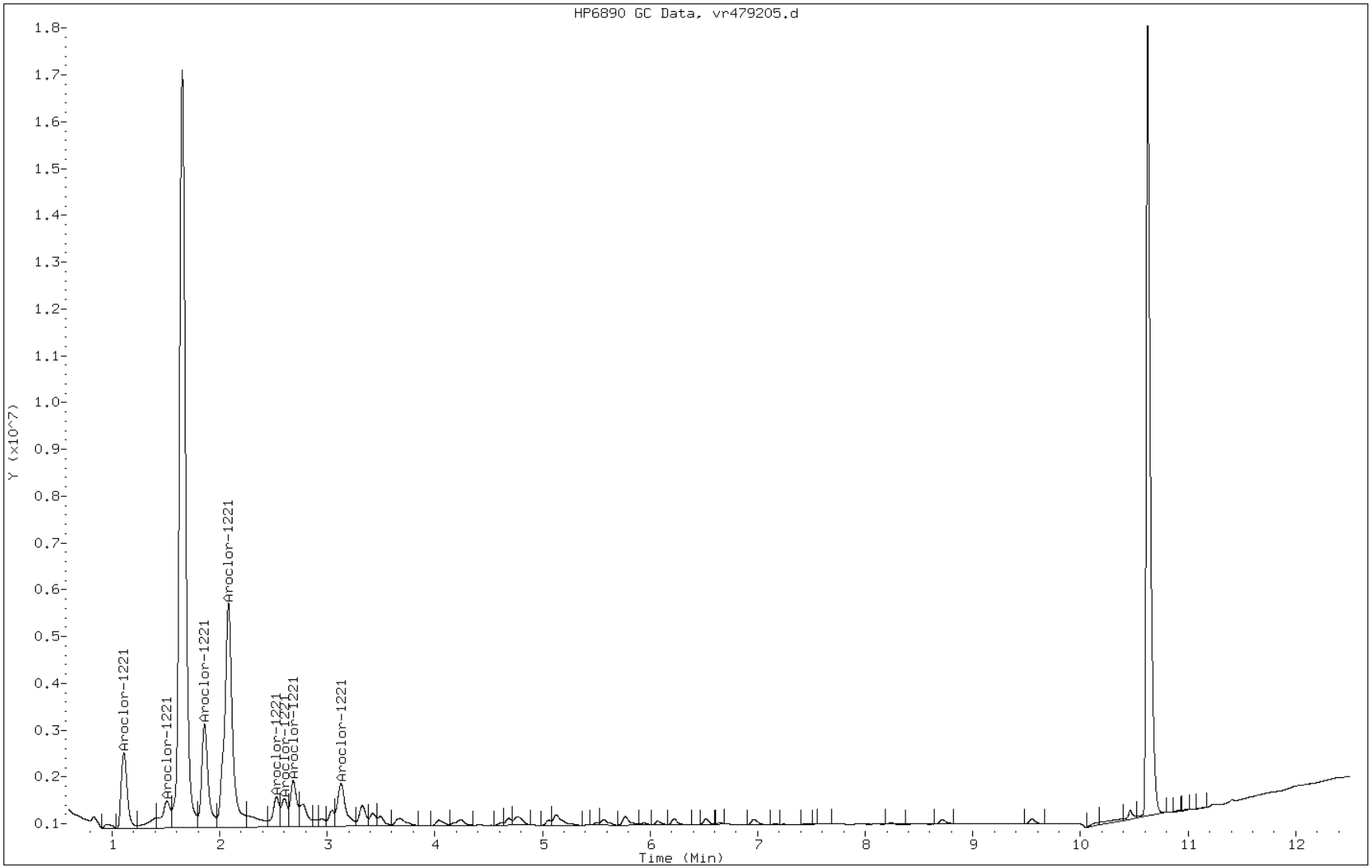
M - Compound response manually integrated.

Data File: vr479205.d

Date: 30-SEP-2012 18:22

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1221L3_00014 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:38 Calibration End Date: 09/30/2012 18:38 Calibration ID: 17849

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/13	vf479206.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.961										2.891 - 3.031	2.961
PCB-1232 Peak 2	3.640										3.570 - 3.710	3.640
PCB-1232 Peak 3	4.085										4.015 - 4.155	4.085
PCB-1232 Peak 4	4.722										4.652 - 4.792	4.722
PCB-1232 Peak 5	4.902										4.832 - 4.972	4.902
PCB-1232 Peak 6	5.087										5.017 - 5.157	5.087
PCB-1232 Peak 7	5.542										5.472 - 5.612	5.542
PCB-1232 Peak 8	5.751										5.681 - 5.821	5.751

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:38 Calibration End Date: 09/30/2012 18:38 Calibration ID: 17849

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/13	vf479206.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	9771.1				Ave		9771.06200						20.0			
PCB-1232 Peak 2	9468.8				Ave		9468.80300						20.0			
PCB-1232 Peak 3	3576.1				Ave		3576.12600						20.0			
PCB-1232 Peak 4	6699.5				Ave		6699.48200						20.0			
PCB-1232 Peak 5	5060.7				Ave		5060.72800						20.0			
PCB-1232 Peak 6	4105.3				Ave		4105.33800						20.0			
PCB-1232 Peak 7	5739.6				Ave		5739.58900						20.0			
PCB-1232 Peak 8	6267.7				Ave		6267.65000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:38 Calibration End Date: 09/30/2012 18:38 Calibration ID: 17849

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/13	vf479206.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	9771062					1000				
PCB-1232 Peak 2	Ave	9468803					1000				
PCB-1232 Peak 3	Ave	3576126					1000				
PCB-1232 Peak 4	Ave	6699482					1000				
PCB-1232 Peak 5	Ave	5060728					1000				
PCB-1232 Peak 6	Ave	4105338					1000				
PCB-1232 Peak 7	Ave	5739589					1000				
PCB-1232 Peak 8	Ave	6267650					1000				

Curve Type Legend:

Ave = Average

Data File: vf479206.d
Report Date: 01-Oct-2012 08:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479206.d
Lab Smp Id: ic SG1232L3_00013
Inj Date : 30-SEP-2012 18:38
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 13 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

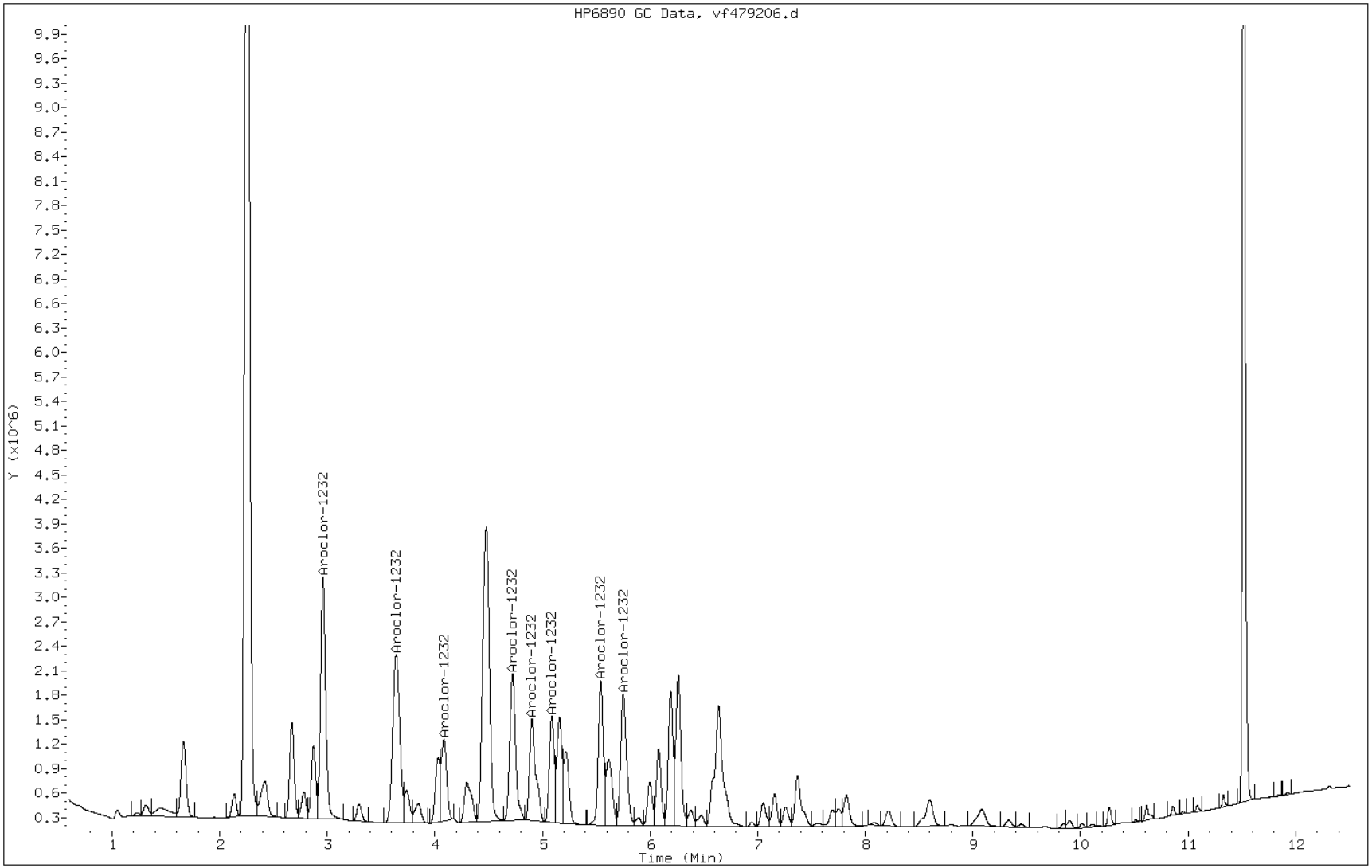
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
23 Aroclor-1232					CAS #: 11141-16-5		
2.961	2.961	0.000	9771062	1000.00	1000	80.00- 120.00	100.00
3.640	3.640	0.000	9468803	1000.00	1000	77.53- 116.29	96.91
4.085	4.085	0.000	3576126	1000.00	1000	29.28- 43.92	36.60
4.722	4.722	0.000	6699482	1000.00	1000	54.85- 82.28	68.56
4.902	4.902	0.000	5060728	1000.00	1000	41.43- 62.15	51.79
5.087	5.087	0.000	4105338	1000.00	1000	33.61- 50.42	42.02
5.542	5.542	0.000	5739589	1000.00	1000	46.99- 70.49	58.74
5.751	5.751	0.000	6267650	1000.00	1000	51.32- 76.97	64.15
Average of Peak Amounts =					1e+03		

Data File: vf479206.d

Date: 30-SEP-2012 18:38

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1232L3_00013 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:38 Calibration End Date: 09/30/2012 18:38 Calibration ID: 17842

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/13	vr479206.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.082										2.012 - 2.152	2.082
PCB-1232 Peak 2	2.526										2.456 - 2.596	2.526
PCB-1232 Peak 3	2.776										2.706 - 2.846	2.776
PCB-1232 Peak 4	3.128										3.058 - 3.198	3.128
PCB-1232 Peak 5	3.329										3.259 - 3.399	3.329
PCB-1232 Peak 6	3.424										3.354 - 3.494	3.424
PCB-1232 Peak 7	4.042										3.972 - 4.112	4.042
PCB-1232 Peak 8	4.614										4.544 - 4.684	4.614

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:38 Calibration End Date: 09/30/2012 18:38 Calibration ID: 17842

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/13	vr479206.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	18402				Ave		18402.3540						20.0			
PCB-1232 Peak 2	14182				Ave		14181.6130						20.0			
PCB-1232 Peak 3	10089				Ave		10089.3090						20.0			
PCB-1232 Peak 4	27669				Ave		27669.3560						20.0			
PCB-1232 Peak 5	10841				Ave		10840.9360						20.0			
PCB-1232 Peak 6	8583.3				Ave		8583.32300						20.0			
PCB-1232 Peak 7	11581				Ave		11580.5510						20.0			
PCB-1232 Peak 8	4839.3				Ave		4839.34800						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:38 Calibration End Date: 09/30/2012 18:38 Calibration ID: 17842

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/13	vr479206.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	18402354					1000				
PCB-1232 Peak 2	Ave	14181613					1000				
PCB-1232 Peak 3	Ave	10089309					1000				
PCB-1232 Peak 4	Ave	27669356					1000				
PCB-1232 Peak 5	Ave	10840936					1000				
PCB-1232 Peak 6	Ave	8583323					1000				
PCB-1232 Peak 7	Ave	11580551					1000				
PCB-1232 Peak 8	Ave	4839348					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479206.d
Lab Smp Id: ic SG1232L3_00013
Inj Date : 30-SEP-2012 18:38
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 13 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

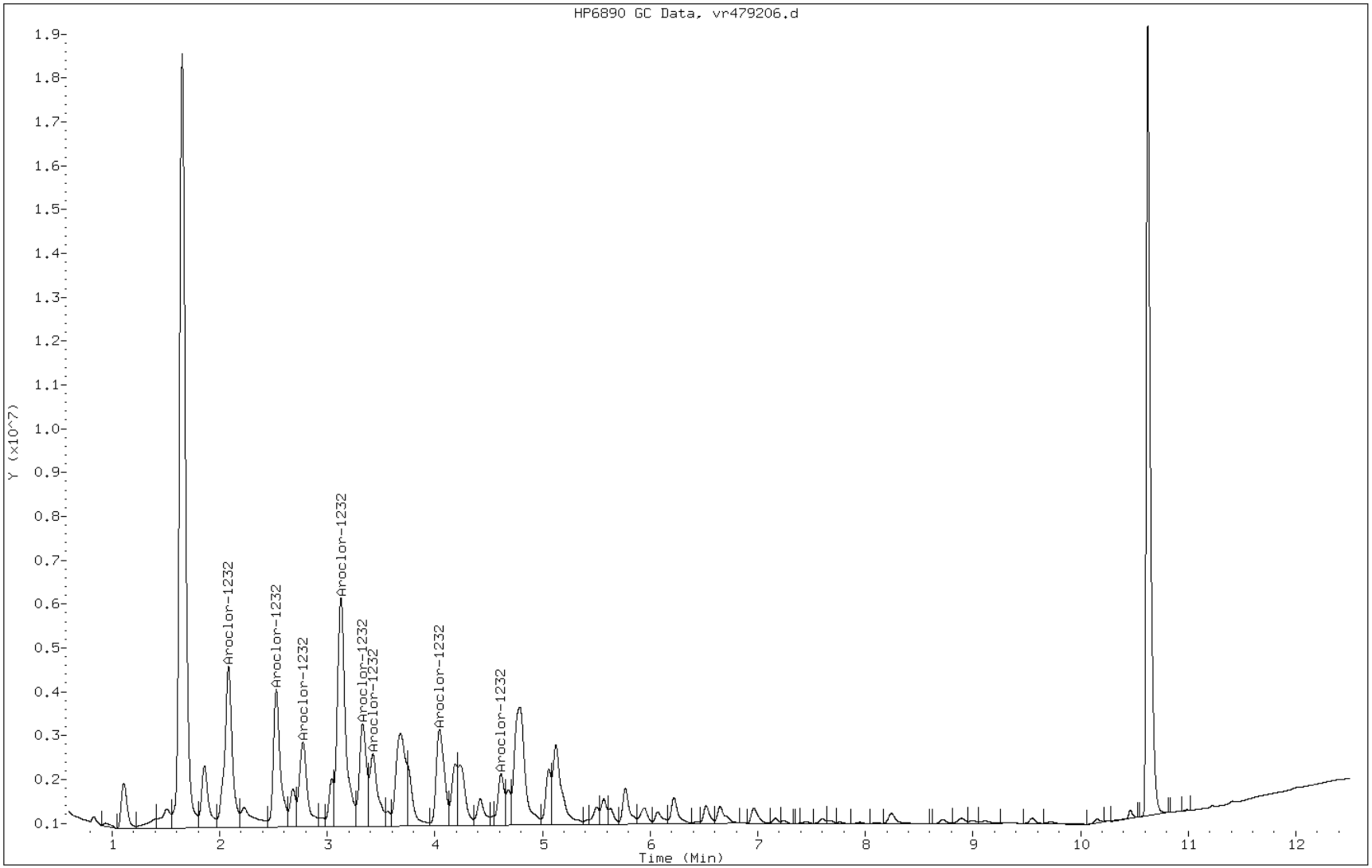
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
23 Aroclor-1232					CAS #: 11141-16-5		
2.082	2.082	0.000	18402354	1000.00	1000	80.00- 120.00	100.00
2.526	2.526	0.000	14181613	1000.00	1000	61.65- 92.48	77.06
2.776	2.776	0.000	10089309	1000.00	1000	43.86- 65.79	54.83
3.128	3.128	0.000	27669356	1000.00	1000	120.29- 180.43	150.36
3.329	3.329	0.000	10840936	1000.00	1000	47.13- 70.69	58.91
3.424	3.424	0.000	8583323	1000.00	1000	37.31- 55.97	46.64
4.042	4.042	0.000	11580551	1000.00	1000	50.34- 75.52	62.93
4.614	4.614	0.000	4839348	1000.00	1000	21.04- 31.56	26.30
			Average of Peak Amounts =		1e+03		

Data File: vr479206.d

Date: 30-SEP-2012 18:38

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1232L3_00013 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:54 Calibration End Date: 09/30/2012 18:54 Calibration ID: 17850

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/14	vf479207.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.961										2.891 - 3.031	2.961
PCB-1242 Peak 2	3.641										3.571 - 3.711	3.641
PCB-1242 Peak 3	4.086										4.016 - 4.156	4.086
PCB-1242 Peak 4	4.479										4.409 - 4.549	4.479
PCB-1242 Peak 5	4.723										4.653 - 4.793	4.723
PCB-1242 Peak 6	5.158										5.088 - 5.228	5.158
PCB-1242 Peak 7	5.752										5.682 - 5.822	5.752
PCB-1242 Peak 8	6.265										6.195 - 6.335	6.265

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:54 Calibration End Date: 09/30/2012 18:54 Calibration ID: 17850

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/14	vf479207.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	8141.4				Ave		8141.42900						20.0			
PCB-1242 Peak 2	15365				Ave		15365.3110						20.0			
PCB-1242 Peak 3	6598.2				Ave		6598.19500						20.0			
PCB-1242 Peak 4	28106				Ave		28106.4590						20.0			
PCB-1242 Peak 5	12209				Ave		12208.6280						20.0			
PCB-1242 Peak 6	6996.1				Ave		6996.09900						20.0			
PCB-1242 Peak 7	10615				Ave		10615.4990						20.0			
PCB-1242 Peak 8	10283				Ave		10282.8980						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:54 Calibration End Date: 09/30/2012 18:54 Calibration ID: 17850

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/14	vf479207.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	8141429					1000				
PCB-1242 Peak 2	Ave	15365311					1000				
PCB-1242 Peak 3	Ave	6598195					1000				
PCB-1242 Peak 4	Ave	28106459					1000				
PCB-1242 Peak 5	Ave	12208628					1000				
PCB-1242 Peak 6	Ave	6996099					1000				
PCB-1242 Peak 7	Ave	10615499					1000				
PCB-1242 Peak 8	Ave	10282898					1000				

Curve Type Legend:

Ave = Average

Data File: vf479207.d
Report Date: 01-Oct-2012 08:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479207.d
Lab Smp Id: ic SG1242L3_00013
Inj Date : 30-SEP-2012 18:54
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12420.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.961	2.961	0.000	8141429	1000.00	1000	80.00- 120.00	100.00(M)
3.641	3.641	0.000	15365311	1000.00	1000	150.98- 226.48	188.73
4.086	4.086	0.000	6598195	1000.00	1000	64.84- 97.25	81.04
4.479	4.479	0.000	28106459	1000.00	1000	276.18- 414.27	345.23
4.723	4.723	0.000	12208628	1000.00	1000	119.97- 179.95	149.96
5.158	5.158	0.000	6996099	1000.00	1000	68.75- 103.12	85.93
5.752	5.752	0.000	10615499	1000.00	1000	104.31- 156.47	130.39
6.265	6.265	0.000	10282898	1000.00	1000	101.04- 151.56	126.30
Average of Peak Amounts =					1e+03		

Data File: vf479207.d
Report Date: 01-Oct-2012 08:47

QC Flag Legend

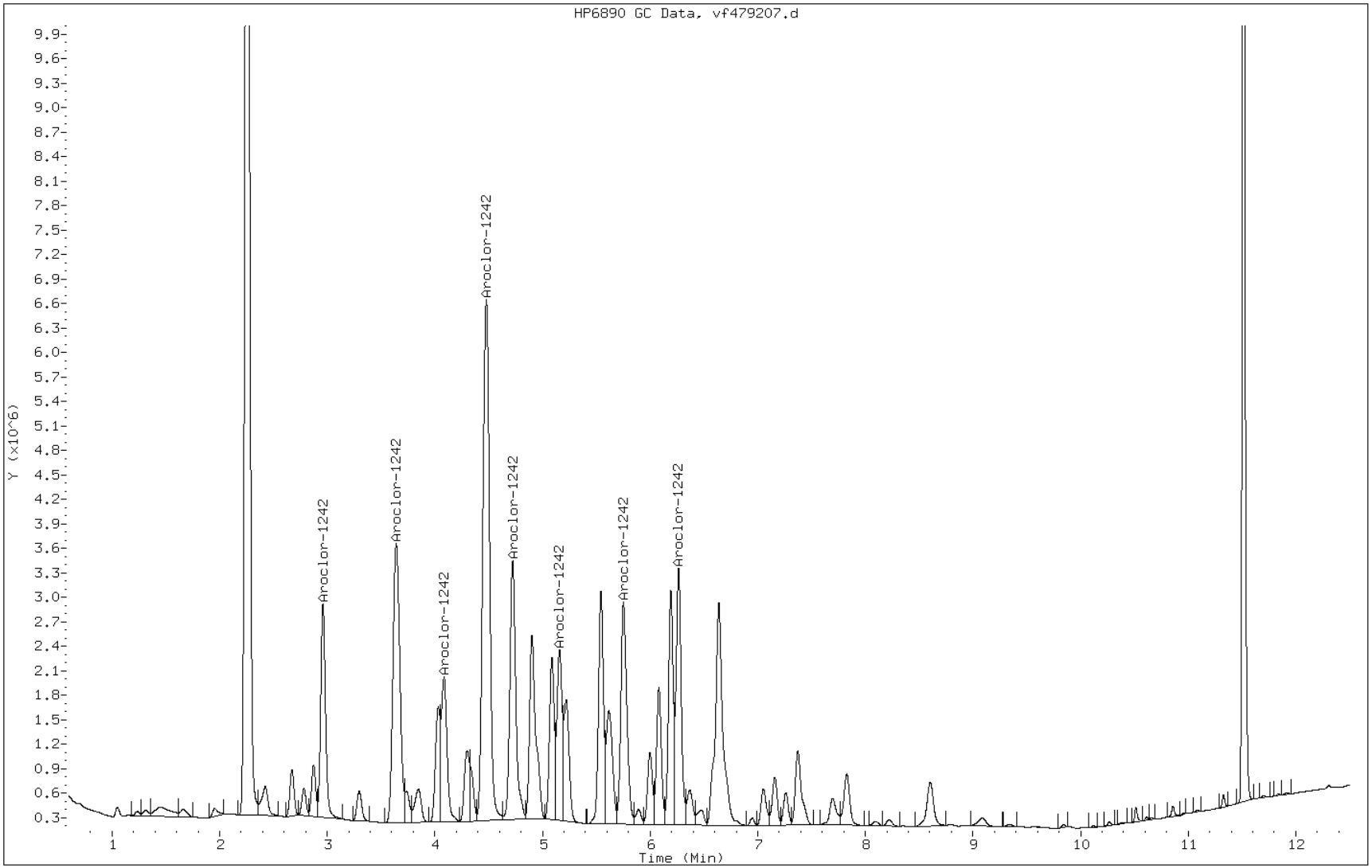
M - Compound response manually integrated.

Data File: vf479207.d

Date: 30-SEP-2012 18:54

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1242L3_00013 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:54 Calibration End Date: 09/30/2012 18:54 Calibration ID: 17843

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/14	vr479207.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.083										2.013 - 2.153	2.083
PCB-1242 Peak 2	2.527										2.457 - 2.597	2.527
PCB-1242 Peak 3	2.777										2.707 - 2.847	2.777
PCB-1242 Peak 4	3.129										3.059 - 3.199	3.129
PCB-1242 Peak 5	3.329										3.259 - 3.399	3.329
PCB-1242 Peak 6	3.685										3.615 - 3.755	3.685
PCB-1242 Peak 7	4.044										3.974 - 4.114	4.044
PCB-1242 Peak 8	5.126										5.056 - 5.196	5.126

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:54 Calibration End Date: 09/30/2012 18:54 Calibration ID: 17843

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/14	vr479207.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	13527				Ave		13526.8450						20.0			
PCB-1242 Peak 2	20219				Ave		20218.9980						20.0			
PCB-1242 Peak 3	14340				Ave		14339.9870						20.0			
PCB-1242 Peak 4	44262				Ave		44261.7350						20.0			
PCB-1242 Peak 5	17388				Ave		17387.6840						20.0			
PCB-1242 Peak 6	18314				Ave		18314.1210						20.0			
PCB-1242 Peak 7	17750				Ave		17749.7330						20.0			
PCB-1242 Peak 8	15393				Ave		15393.2670						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:54 Calibration End Date: 09/30/2012 18:54 Calibration ID: 17843

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/14	vr479207.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	13526845					1000				
PCB-1242 Peak 2	Ave	20218998					1000				
PCB-1242 Peak 3	Ave	14339987					1000				
PCB-1242 Peak 4	Ave	44261735					1000				
PCB-1242 Peak 5	Ave	17387684					1000				
PCB-1242 Peak 6	Ave	18314121					1000				
PCB-1242 Peak 7	Ave	17749733					1000				
PCB-1242 Peak 8	Ave	15393267					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479207.d
Lab Smp Id: ic SG1242L3_00013
Inj Date : 30-SEP-2012 18:54
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12420.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.083	2.083	0.000	13526845	1000.00	1000	80.00- 120.00	100.00(M)
2.527	2.527	0.000	20218998	1000.00	1000	119.58- 179.37	149.47
2.777	2.777	0.000	14339987	1000.00	1000	84.81- 127.21	106.01
3.129	3.129	0.000	44261735	1000.00	1000	261.77- 392.66	327.21
3.329	3.329	0.000	17387684	1000.00	1000	102.83- 154.25	128.54
3.685	3.685	0.000	18314121	1000.00	1000	108.31- 162.47	135.39
4.044	4.044	0.000	17749733	1000.00	1000	104.97- 157.46	131.22
5.126	5.126	0.000	15393267	1000.00	1000	91.04- 136.56	113.80
Average of Peak Amounts =					1e+03		

QC Flag Legend

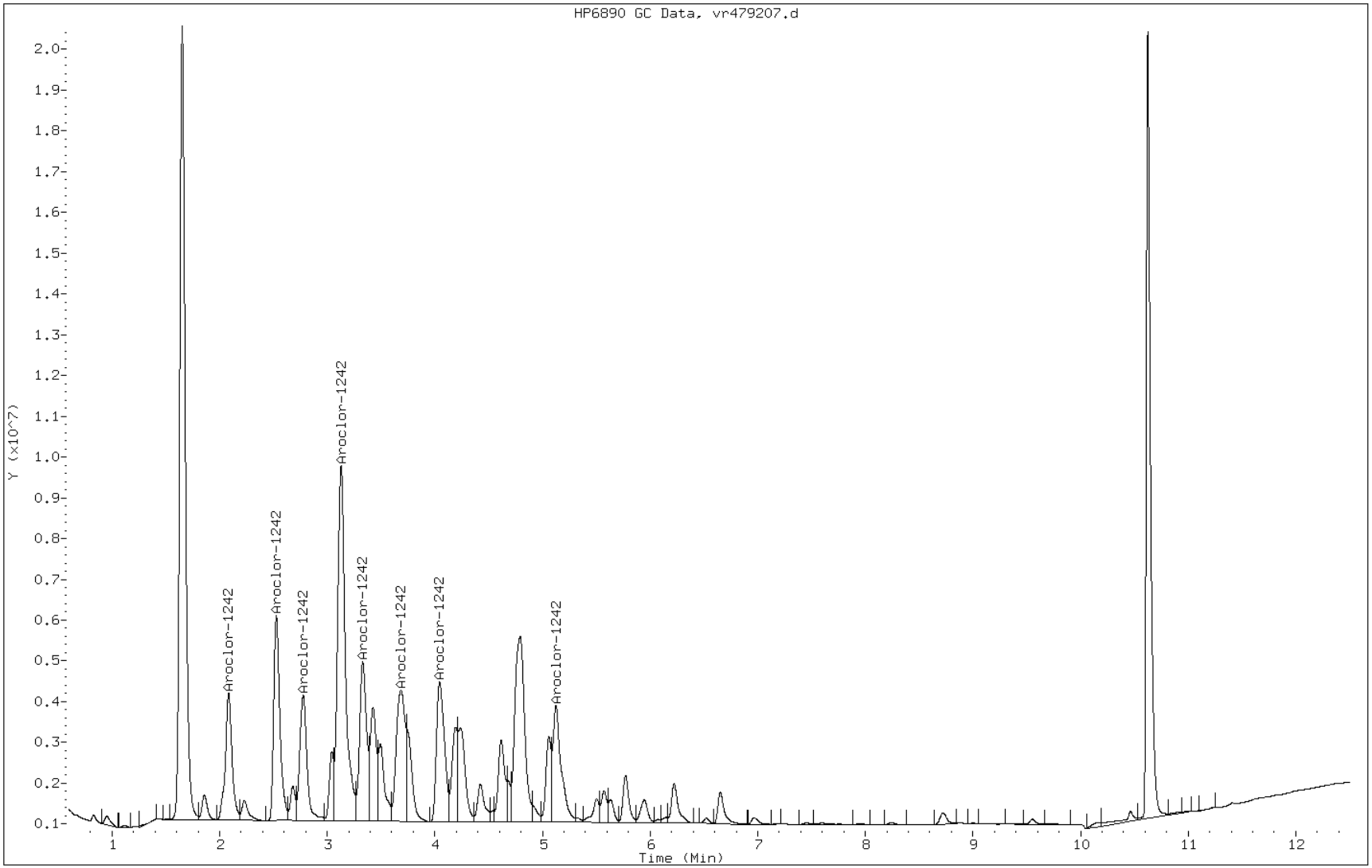
M - Compound response manually integrated.

Data File: vr479207.d

Date: 30-SEP-2012 18:54

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1242L3_00013 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:09 Calibration End Date: 09/30/2012 19:09 Calibration ID: 17851

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/15	vf479208.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.637										3.567 - 3.707	3.637
PCB-1248 Peak 2	4.473										4.403 - 4.543	4.473
PCB-1248 Peak 3	4.951										4.881 - 5.021	4.951
PCB-1248 Peak 4	5.086										5.016 - 5.156	5.086
PCB-1248 Peak 5	5.541										5.471 - 5.611	5.541
PCB-1248 Peak 6	5.750										5.680 - 5.820	5.750
PCB-1248 Peak 7	6.191										6.121 - 6.261	6.191
PCB-1248 Peak 8	6.262										6.192 - 6.332	6.262

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:09 Calibration End Date: 09/30/2012 19:09 Calibration ID: 17851

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/15	vf479208.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	8935.6				Ave		8935.56100						20.0			
PCB-1248 Peak 2	20760				Ave		20759.6230						20.0			
PCB-1248 Peak 3	3155.9				Ave		3155.90700						20.0			
PCB-1248 Peak 4	12341				Ave		12341.3890						20.0			
PCB-1248 Peak 5	15809				Ave		15808.8840						20.0			
PCB-1248 Peak 6	17466				Ave		17465.7910						20.0			
PCB-1248 Peak 7	16624				Ave		16623.5080						20.0			
PCB-1248 Peak 8	19431				Ave		19431.1040						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:09 Calibration End Date: 09/30/2012 19:09 Calibration ID: 17851

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/15	vf479208.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	8935561					1000				
PCB-1248 Peak 2	Ave	20759623					1000				
PCB-1248 Peak 3	Ave	3155907					1000				
PCB-1248 Peak 4	Ave	12341389					1000				
PCB-1248 Peak 5	Ave	15808884					1000				
PCB-1248 Peak 6	Ave	17465791					1000				
PCB-1248 Peak 7	Ave	16623508					1000				
PCB-1248 Peak 8	Ave	19431104					1000				

Curve Type Legend:

Ave = Average

Data File: vf479208.d
Report Date: 01-Oct-2012 08:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479208.d
Lab Smp Id: ic SG1248L3_00013
Inj Date : 30-SEP-2012 19:09
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1248L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12480.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

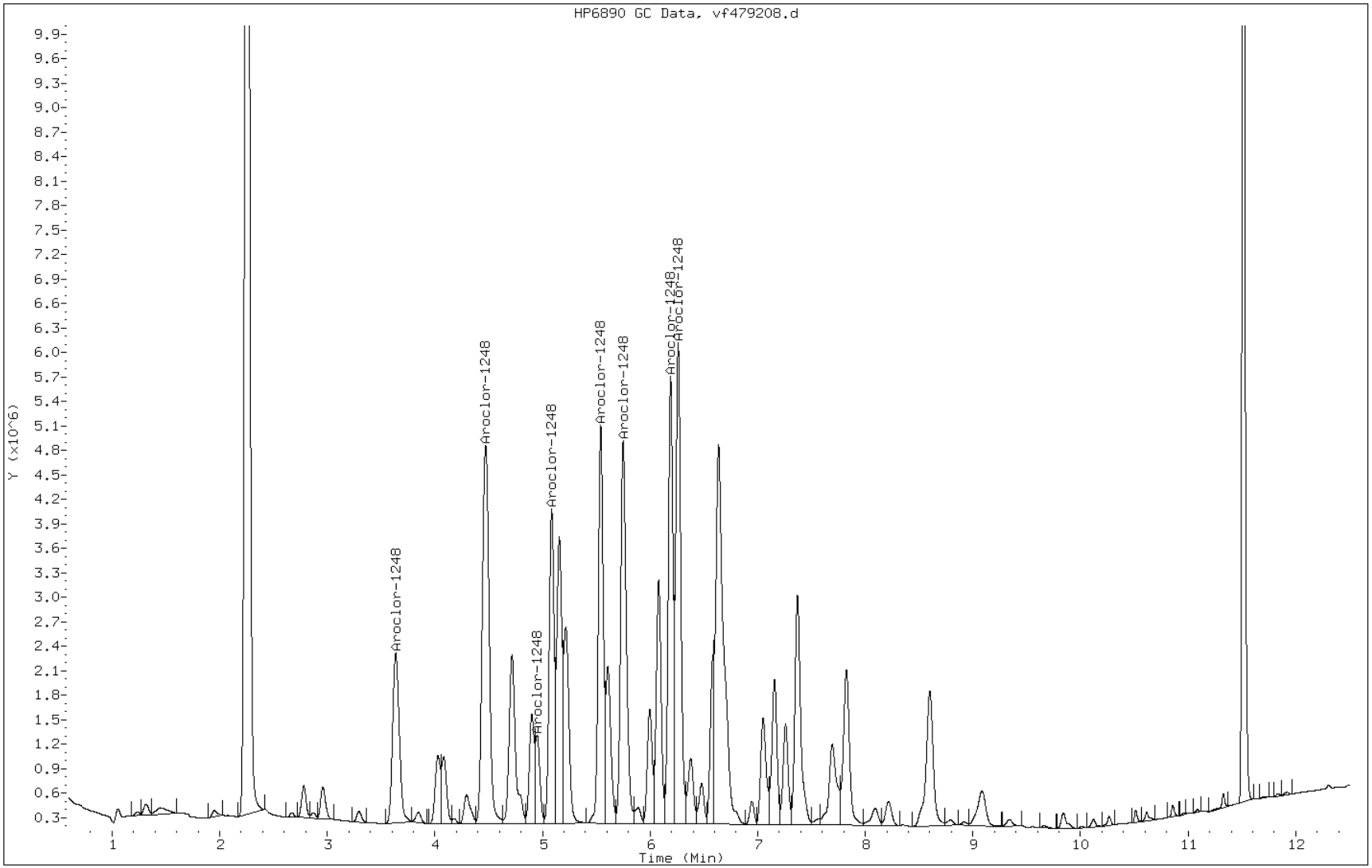
			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.637	3.637	0.000	8935561	1000.00	1000	80.00- 120.00	100.00
4.473	4.473	0.000	20759623	1000.00	1000	185.86- 278.79	232.33
4.951	4.951	0.000	3155907	1000.00	1000	28.25- 42.38	35.32
5.086	5.086	0.000	12341389	1000.00	1000	110.49- 165.74	138.12
5.541	5.541	0.000	15808884	1000.00	1000	141.54- 212.31	176.92
5.750	5.750	0.000	17465791	1000.00	1000	156.37- 234.56	195.46
6.191	6.191	0.000	16623508	1000.00	1000	148.83- 223.25	186.04
6.262	6.262	0.000	19431104	1000.00	1000	173.97- 260.95	217.46
		Average of Peak Amounts =			1e+03		

Data File: vf479208.d

Date: 30-SEP-2012 19:09

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1248L3_00013 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:09 Calibration End Date: 09/30/2012 19:09 Calibration ID: 17844

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/15	vr479208.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.525										2.455 - 2.595	2.525
PCB-1248 Peak 2	3.124										3.054 - 3.194	3.124
PCB-1248 Peak 3	3.423										3.353 - 3.493	3.423
PCB-1248 Peak 4	3.678										3.608 - 3.748	3.678
PCB-1248 Peak 5	4.041										3.971 - 4.111	4.041
PCB-1248 Peak 6	4.186										4.116 - 4.256	4.186
PCB-1248 Peak 7	4.615										4.545 - 4.685	4.615
PCB-1248 Peak 8	5.124										5.054 - 5.194	5.124

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:09 Calibration End Date: 09/30/2012 19:09 Calibration ID: 17844

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/15	vr479208.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	11417				Ave		11416.6820						20.0			
PCB-1248 Peak 2	34274				Ave		34273.9880						20.0			
PCB-1248 Peak 3	6363.5				Ave		6363.50200						20.0			
PCB-1248 Peak 4	34030				Ave		34030.0970						20.0			
PCB-1248 Peak 5	30220				Ave		30220.3580						20.0			
PCB-1248 Peak 6	18203				Ave		18202.6810						20.0			
PCB-1248 Peak 7	15611				Ave		15610.9930						20.0			
PCB-1248 Peak 8	34370				Ave		34369.6460						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:09 Calibration End Date: 09/30/2012 19:09 Calibration ID: 17844

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/15	vr479208.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	11416682					1000				
PCB-1248 Peak 2	Ave	34273988					1000				
PCB-1248 Peak 3	Ave	6363502					1000				
PCB-1248 Peak 4	Ave	34030097					1000				
PCB-1248 Peak 5	Ave	30220358					1000				
PCB-1248 Peak 6	Ave	18202681					1000				
PCB-1248 Peak 7	Ave	15610993					1000				
PCB-1248 Peak 8	Ave	34369646					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479208.d
Lab Smp Id: ic SG1248L3_00013
Inj Date : 30-SEP-2012 19:09
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1248L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12480.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.525	2.525	0.000	11416682	1000.00	1000	80.00- 120.00	100.00(M)
3.124	3.124	0.000	34273988	1000.00	1000	240.17- 360.25	300.21
3.423	3.423	0.000	6363502	1000.00	1000	44.59- 66.89	55.74
3.678	3.678	0.000	34030097	1000.00	1000	238.46- 357.69	298.07
4.041	4.041	0.000	30220358	1000.00	1000	211.76- 317.64	264.70
4.186	4.186	0.000	18202681	1000.00	1000	127.55- 191.33	159.44
4.615	4.615	0.000	15610993	1000.00	1000	109.39- 164.09	136.74
5.124	5.124	0.000	34369646	1000.00	1000	240.84- 361.26	301.05
Average of Peak Amounts =					1e+03		

QC Flag Legend

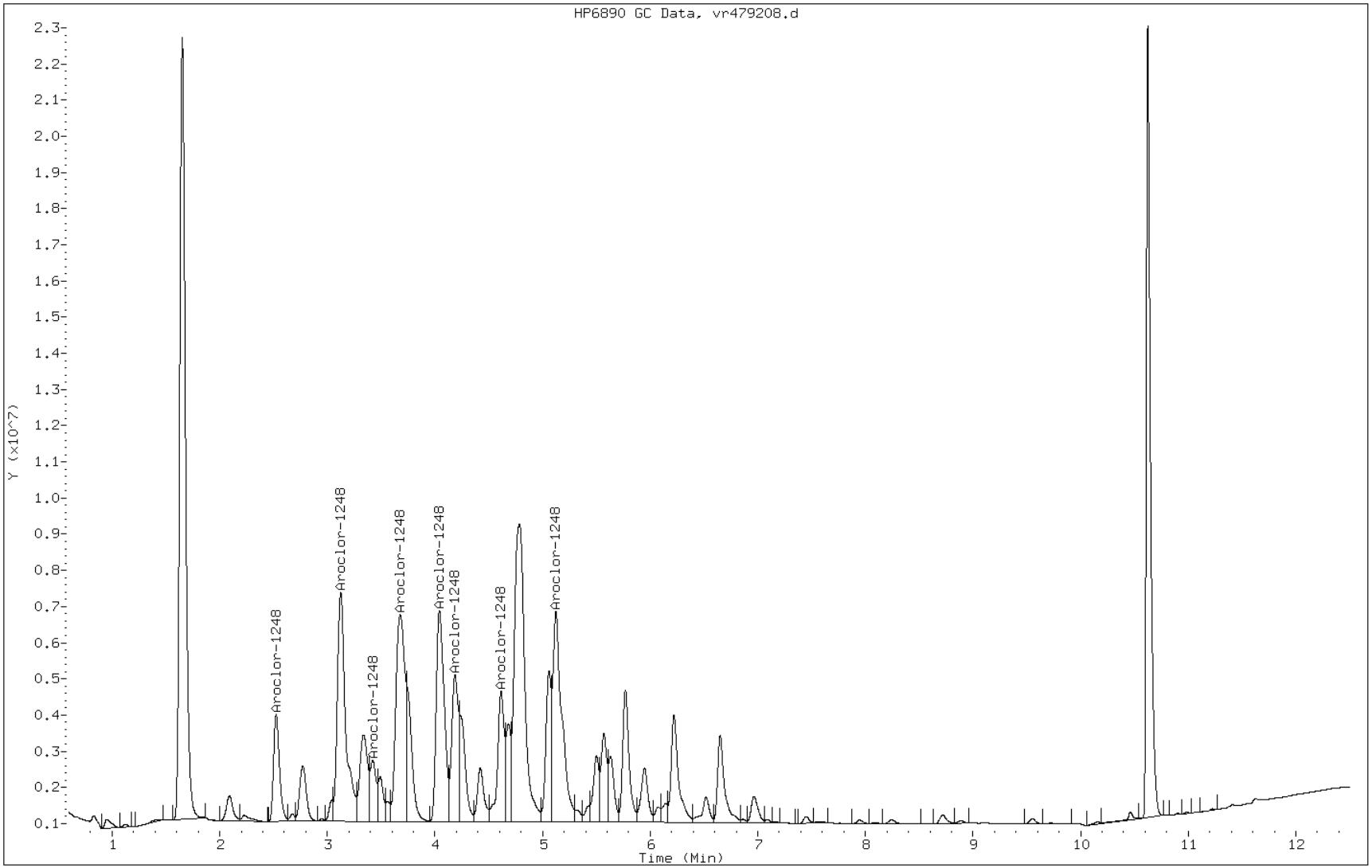
M - Compound response manually integrated.

Data File: vr479208.d

Date: 30-SEP-2012 19:09

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1248L3_00013 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:25 Calibration End Date: 09/30/2012 19:25 Calibration ID: 17852

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/16	vf479209.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.085										5.015 - 5.155	5.085
PCB-1254 Peak 2	6.253										6.183 - 6.323	6.253
PCB-1254 Peak 3	6.580										6.510 - 6.650	6.580
PCB-1254 Peak 4	7.157										7.087 - 7.227	7.157
PCB-1254 Peak 5	7.371										7.301 - 7.441	7.371
PCB-1254 Peak 6	8.596										8.526 - 8.666	8.596
PCB-1254 Peak 7	9.086										9.016 - 9.156	9.086
PCB-1254 Peak 8	9.843										9.773 - 9.913	9.843

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:25 Calibration End Date: 09/30/2012 19:25 Calibration ID: 17852

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/16	vf479209.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	9712.4				Ave		9712.42300						20.0			
PCB-1254 Peak 2	16374				Ave		16373.8340						20.0			
PCB-1254 Peak 3	17590				Ave		17589.7760						20.0			
PCB-1254 Peak 4	13684				Ave		13683.9490						20.0			
PCB-1254 Peak 5	27505				Ave		27504.9470						20.0			
PCB-1254 Peak 6	17262				Ave		17261.8800						20.0			
PCB-1254 Peak 7	28714				Ave		28713.9000						20.0			
PCB-1254 Peak 8	7477.4				Ave		7477.39500						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:25 Calibration End Date: 09/30/2012 19:25 Calibration ID: 17852

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/16	vf479209.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	9712423					1000				
PCB-1254 Peak 2	Ave	16373834					1000				
PCB-1254 Peak 3	Ave	17589776					1000				
PCB-1254 Peak 4	Ave	13683949					1000				
PCB-1254 Peak 5	Ave	27504947					1000				
PCB-1254 Peak 6	Ave	17261880					1000				
PCB-1254 Peak 7	Ave	28713900					1000				
PCB-1254 Peak 8	Ave	7477395					1000				

Curve Type Legend:
Ave = Average

Data File: vf479209.d
Report Date: 01-Oct-2012 08:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/vf479209.d
Lab Smp Id: ic SG1254L3_00013
Inj Date : 30-SEP-2012 19:25
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep12/09-30-12ical/30sep12a.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 16 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12540.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

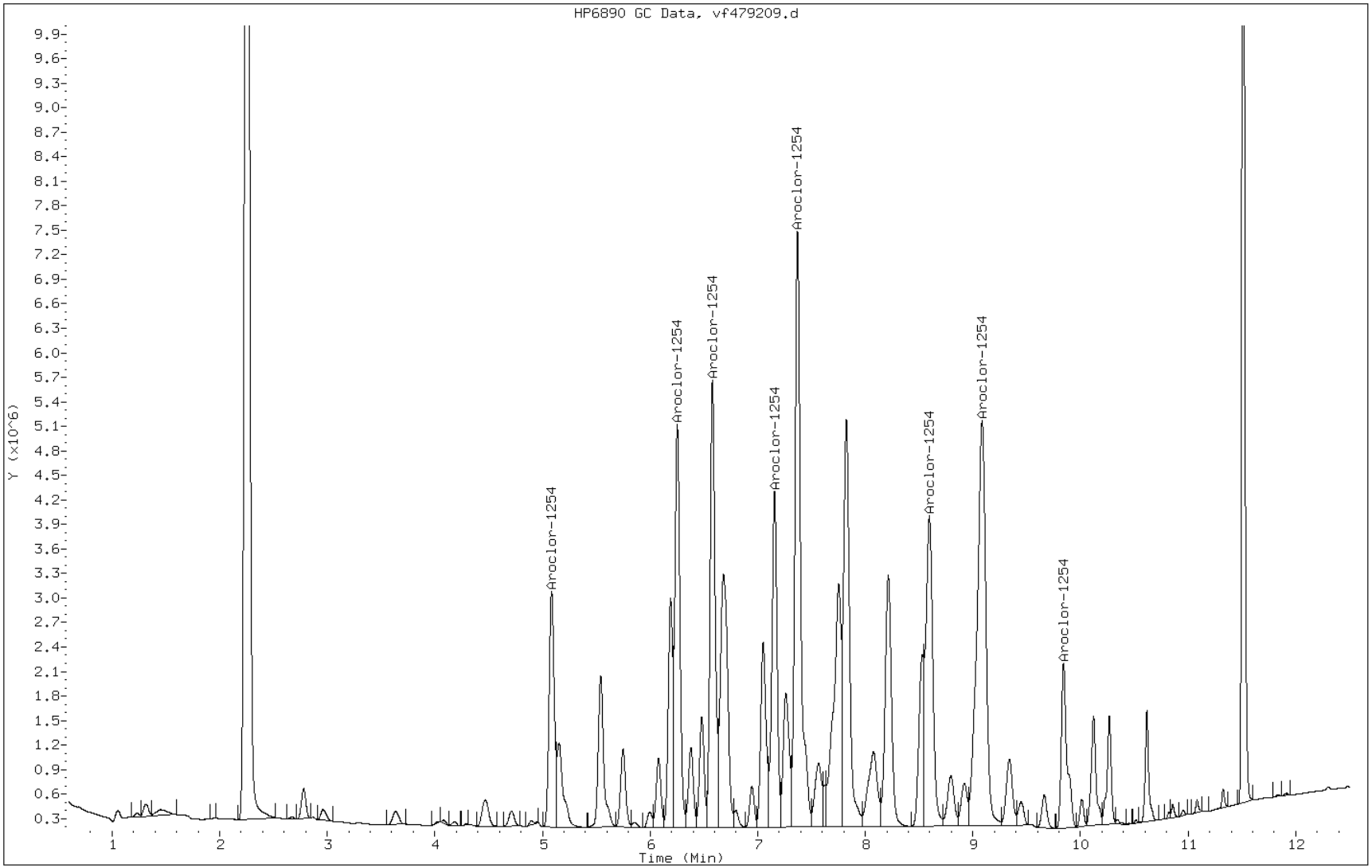
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
5.085	5.085	0.000	9712423	1000.00	1000	80.00- 120.00	100.00
6.253	6.253	0.000	16373834	1000.00	1000	134.87- 202.30	168.59
6.580	6.580	0.000	17589776	1000.00	1000	144.88- 217.33	181.11
7.157	7.157	0.000	13683949	1000.00	1000	112.71- 169.07	140.89
7.371	7.371	0.000	27504947	1000.00	1000	226.55- 339.83	283.19
8.596	8.596	0.000	17261880	1000.00	1000	142.18- 213.28	177.73
9.086	9.086	0.000	28713900	1000.00	1000	236.51- 354.77	295.64
9.843	9.843	0.000	7477395	1000.00	1000	61.59- 92.39	76.99
Average of Peak Amounts =					1e+03		

Data File: vf479209.d

Date: 30-SEP-2012 19:25

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1254L3_00013 Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:25 Calibration End Date: 09/30/2012 19:25 Calibration ID: 17845

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/16	vr479209.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.687										4.617 - 4.757	4.687
PCB-1254 Peak 2	4.762										4.692 - 4.832	4.762
PCB-1254 Peak 3	5.128										5.058 - 5.198	5.128
PCB-1254 Peak 4	5.569										5.499 - 5.639	5.569
PCB-1254 Peak 5	5.770										5.700 - 5.840	5.770
PCB-1254 Peak 6	6.221										6.151 - 6.291	6.221
PCB-1254 Peak 7	6.521										6.451 - 6.591	6.521
PCB-1254 Peak 8	6.965										6.895 - 7.035	6.965

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:25 Calibration End Date: 09/30/2012 19:25 Calibration ID: 17845

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/16	vr479209.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	24886				Ave		24885.9810						20.0			
PCB-1254 Peak 2	24126				Ave		24125.7170						20.0			
PCB-1254 Peak 3	33197				Ave		33196.9790						20.0			
PCB-1254 Peak 4	24470				Ave		24470.1620						20.0			
PCB-1254 Peak 5	43009				Ave		43008.6160						20.0			
PCB-1254 Peak 6	38112				Ave		38111.8840						20.0			
PCB-1254 Peak 7	31186				Ave		31186.4880						20.0			
PCB-1254 Peak 8	41987				Ave		41987.0070						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45537-1 Analy Batch No.: 129926

SDG No.:

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:25 Calibration End Date: 09/30/2012 19:25 Calibration ID: 17845

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129926/16	vr479209.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	24885981					1000				
PCB-1254 Peak 2	Ave	24125717					1000				
PCB-1254 Peak 3	Ave	33196979					1000				
PCB-1254 Peak 4	Ave	24470162					1000				
PCB-1254 Peak 5	Ave	43008616					1000				
PCB-1254 Peak 6	Ave	38111884					1000				
PCB-1254 Peak 7	Ave	31186488					1000				
PCB-1254 Peak 8	Ave	41987007					1000				

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/vr479209.d
Lab Smp Id: ic SG1254L3_00013
Inj Date : 30-SEP-2012 19:25
Operator : Inst ID: PESTGC9.i
Smp Info : ic SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 16 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12540.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.687	4.687	0.000	24885981	1000.00	1000	80.00- 120.00	100.00(M)
4.762	4.762	0.000	24125717	1000.00	1000	77.56- 116.33	96.95
5.128	5.128	0.000	33196979	1000.00	1000	106.72- 160.08	133.40
5.569	5.569	0.000	24470162	1000.00	1000	78.66- 117.99	98.33
5.770	5.770	0.000	43008616	1000.00	1000	138.26- 207.39	172.82
6.221	6.221	0.000	38111884	1000.00	1000	122.52- 183.78	153.15
6.521	6.521	0.000	31186488	1000.00	1000	100.25- 150.38	125.32
6.965	6.965	0.000	41987007	1000.00	1000	134.97- 202.46	168.72
Average of Peak Amounts =					1e+03		

QC Flag Legend

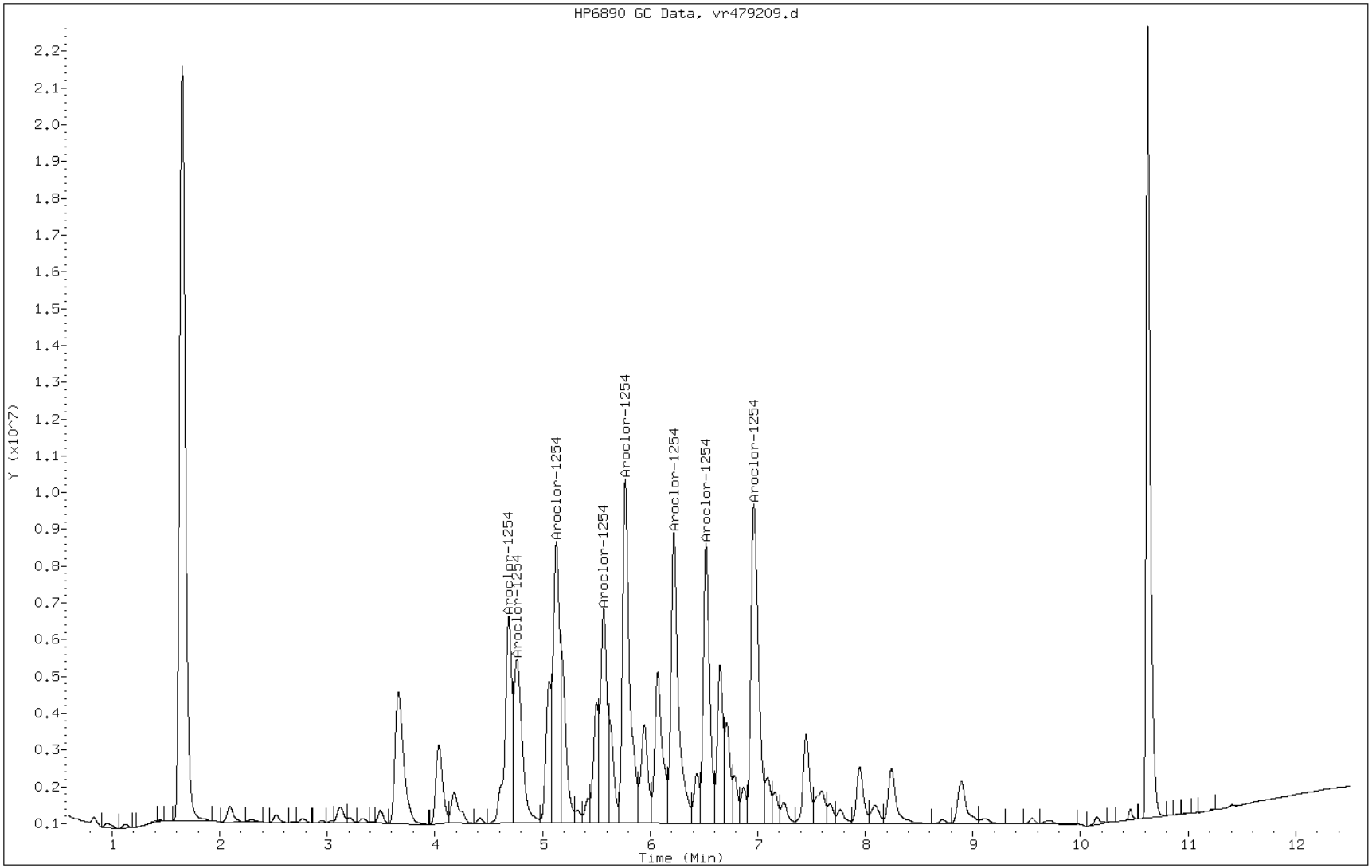
M - Compound response manually integrated.

Data File: vr479209.d

Date: 30-SEP-2012 19:25

Client ID: Instrument: PESTGC9.i

Sample Info: ic SG1254L3_00013 Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCVRT 460-131137/2 Calibration Date: 10/08/2012 18:30

Instrument ID: PESTGC9 Calib Start Date: 09/30/2012 17:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2012 18:07

Lab File ID: vf479493.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	10273	10056		979	1000	-2.1	15.0
PCB-1016 Peak 2	Ave	21113	22143		1050	1000	4.9	15.0
PCB-1016 Peak 3	Ave	8714	9605		1100	1000	10.2	15.0
PCB-1016 Peak 4	Ave	37710	40041		1060	1000	6.2	15.0
PCB-1016 Peak 5	Ave	16455	19061		1160	1000	15.8*	15.0
PCB-1016 Peak 6	Ave	9770	10406		1070	1000	6.5	15.0
PCB-1016 Peak 7	Ave	11990	12712		1060	1000	6.0	15.0
PCB-1016 Peak 8	Ave	12146	13817		1140	1000	13.8	15.0
PCB-1260 Peak 1	Ave	22106	24033		1090	1000	8.7	15.0
PCB-1260 Peak 2	Ave	25092	26941		1070	1000	7.4	15.0
PCB-1260 Peak 3	Ave	36867	41121		1120	1000	11.5	15.0
PCB-1260 Peak 4	Ave	16241	18291		1130	1000	12.6	15.0
PCB-1260 Peak 5	Ave	8814	10240		1160	1000	16.2*	15.0
PCB-1260 Peak 6	Ave	16926	18634		1100	1000	10.1	15.0
PCB-1260 Peak 7	Ave	21064	21087		1000	1000	0.1	15.0
PCB-1260 Peak 8	Ave	7857	8014		1020	1000	2.0	15.0
DCB Decachlorobiphenyl	Ave	265963	267686		101	100	0.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCVRT 460-131137/2 Calibration Date: 10/08/2012 18:30

Instrument ID: PESTGC9 Calib Start Date: 09/30/2012 17:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2012 18:07

Lab File ID: vf479493.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.92	2.89	3.03
PCB-1016 Peak 2	3.59	3.57	3.71
PCB-1016 Peak 3	4.04	4.01	4.15
PCB-1016 Peak 4	4.43	4.41	4.55
PCB-1016 Peak 5	4.68	4.65	4.79
PCB-1016 Peak 6	5.11	5.09	5.23
PCB-1016 Peak 7	5.50	5.47	5.61
PCB-1016 Peak 8	5.71	5.68	5.82
PCB-1260 Peak 1	7.71	7.69	7.83
PCB-1260 Peak 2	8.16	8.14	8.28
PCB-1260 Peak 3	9.02	9.01	9.15
PCB-1260 Peak 4	9.28	9.26	9.40
PCB-1260 Peak 5	9.40	9.38	9.52
PCB-1260 Peak 6	9.86	9.83	9.97
PCB-1260 Peak 7	10.59	10.55	10.69
PCB-1260 Peak 8	11.06	11.02	11.16
DCB Decachlorobiphenyl	11.49	11.41	11.61

Data File: vf479493.d
Report Date: 09-Oct-2012 03:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/vf479493.d
Lab Smp Id: ccvrtsg1660l3_00019
Inj Date : 08-OCT-2012 18:30
Operator : Inst ID: PESTGC9.i
Smp Info : ccvrt-sg1660l3_00019
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.923	2.961	-0.038	10055641	978.875	650	80.00- 120.00	100.00(M)
3.593	3.641	-0.048	22143043	1048.79	700	168.92- 253.38	220.21
4.036	4.085	-0.049	9604932	1102.24	730	68.89- 103.34	95.52
4.432	4.479	-0.047	40041013	1061.81	710	304.81- 457.21	398.19
4.678	4.722	-0.044	19061275	1158.40	770	133.20- 199.80	189.56
5.114	5.158	-0.044	10405886	1065.06	710	75.64- 113.46	103.48
5.500	5.542	-0.042	12711848	1060.20	710	93.32- 139.98	126.42
5.709	5.752	-0.043	13817418	1137.58	760	97.84- 146.75	137.41
Average of Peak Concentrations =					720		
27 Aroclor-1260					CAS #: 11096-82-5		
7.706	7.756	-0.050	24033075	1087.15	720	80.00- 120.00	100.00(M)

Data File: vf479493.d
Report Date: 09-Oct-2012 03:18

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.161	8.215	-0.054	26941342	1073.69	720	91.03- 136.55	112.10
9.020	9.084	-0.064	41121424	1115.41	740	140.90- 211.36	171.10
9.276	9.332	-0.056	18291174	1126.26	750	61.05- 91.58	76.11
9.401	9.454	-0.053	10239798	1161.71	770	34.60- 51.90	42.61
9.861	9.901	-0.040	18634445	1100.97	730	64.44- 96.66	77.54
10.594	10.616	-0.022	21087197	1001.12	670	79.26- 118.89	121.94
11.063	11.086	-0.023	8014273	1019.99	680	29.68- 44.52	33.35
Average of Peak Concentrations =					720		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.488	11.515	-0.027	26768608	100.648	67	80.00- 120.00	100.00(R)

QC Flag Legend

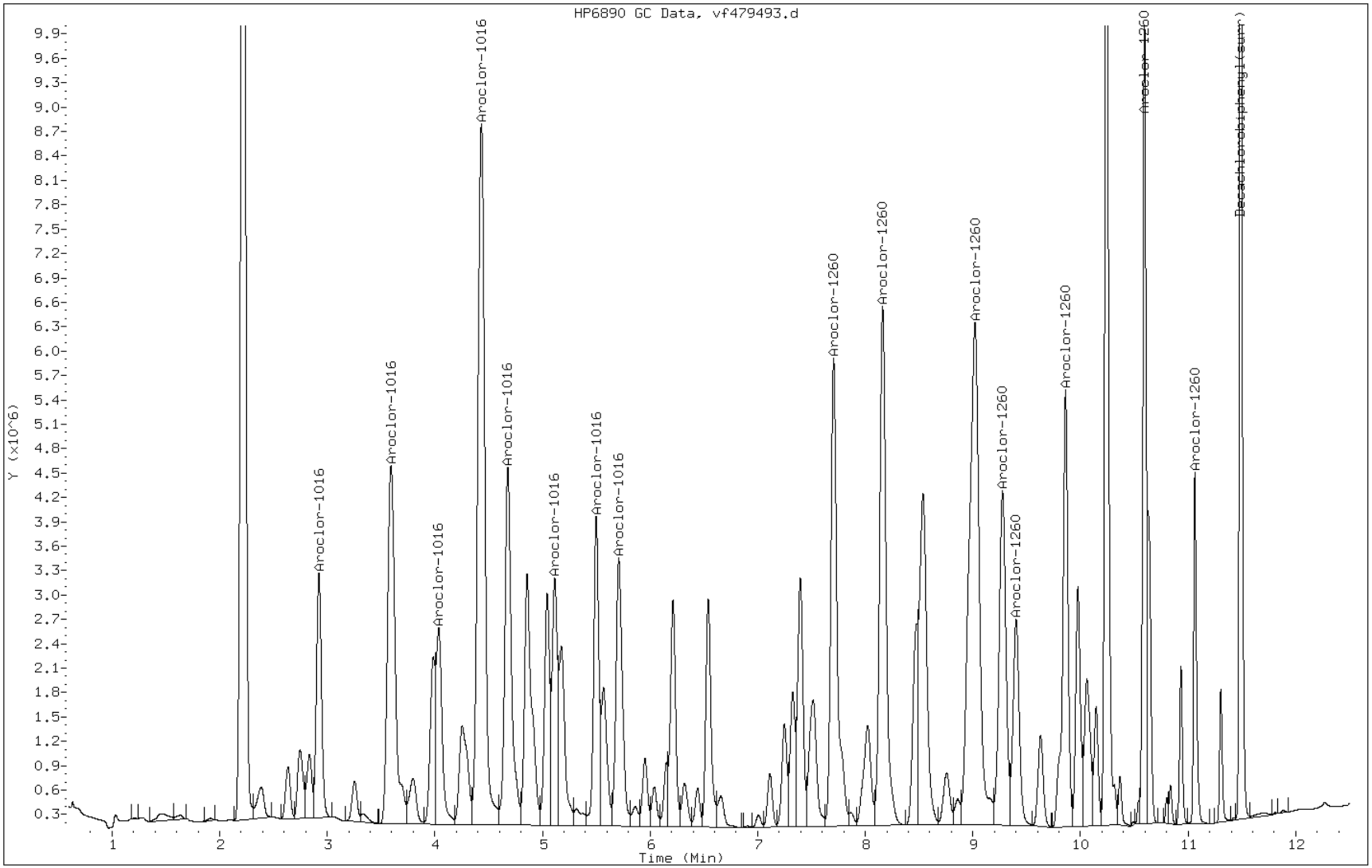
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf479493.d

Date: 08-OCT-2012 18:30

Client ID: Instrument: PESTGC9.i

Sample Info: ccvrt-sg1660l3_00019 Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCVRT 460-131137/2 Calibration Date: 10/08/2012 18:30

Instrument ID: PESTGC9 Calib Start Date: 09/30/2012 17:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2012 18:07

Lab File ID: vr479493.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15949	13179		826	1000	-17.4*	15.0
PCB-1016 Peak 2	Ave	27231	24921		915	1000	-8.5	15.0
PCB-1016 Peak 3	Ave	17953	17518		976	1000	-2.4	15.0
PCB-1016 Peak 4	Ave	59495	55835		938	1000	-6.2	15.0
PCB-1016 Peak 5	Ave	22894	22241		971	1000	-2.9	15.0
PCB-1016 Peak 6	Ave	23697	23839		1010	1000	0.6	15.0
PCB-1016 Peak 7	Ave	22413	22339		997	1000	-0.3	15.0
PCB-1016 Peak 8	Ave	10158	11030		1090	1000	8.6	15.0
PCB-1260 Peak 1	Ave	32677	32414		992	1000	-0.8	15.0
PCB-1260 Peak 2	Ave	60467	60686		1000	1000	0.4	15.0
PCB-1260 Peak 3	Ave	55452	57522		1040	1000	3.7	15.0
PCB-1260 Peak 4	Ave	30164	29737		986	1000	-1.4	15.0
PCB-1260 Peak 5	Ave	27064	27209		1010	1000	0.5	15.0
PCB-1260 Peak 6	Ave	34367	33916		987	1000	-1.3	15.0
PCB-1260 Peak 7	Ave	21162	24987		1180	1000	18.1*	15.0
PCB-1260 Peak 8	Ave	17245	19002		1100	1000	10.2	15.0
DCB Decachlorobiphenyl	Ave	470701	482177		102	100	2.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCVRT 460-131137/2 Calibration Date: 10/08/2012 18:30

Instrument ID: PESTGC9 Calib Start Date: 09/30/2012 17:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2012 18:07

Lab File ID: vr479493.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.06	2.01	2.15
PCB-1016 Peak 2	2.50	2.46	2.60
PCB-1016 Peak 3	2.75	2.71	2.85
PCB-1016 Peak 4	3.10	3.06	3.20
PCB-1016 Peak 5	3.30	3.26	3.40
PCB-1016 Peak 6	3.65	3.61	3.75
PCB-1016 Peak 7	4.01	3.97	4.11
PCB-1016 Peak 8	4.16	4.12	4.26
PCB-1260 Peak 1	6.04	6.00	6.14
PCB-1260 Peak 2	6.50	6.45	6.59
PCB-1260 Peak 3	6.94	6.89	7.03
PCB-1260 Peak 4	7.14	7.09	7.23
PCB-1260 Peak 5	7.57	7.53	7.67
PCB-1260 Peak 6	8.86	8.82	8.96
PCB-1260 Peak 7	9.08	9.04	9.18
PCB-1260 Peak 8	10.13	10.08	10.22
DCB Decachlorobiphenyl	10.61	10.52	10.72

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/vr479493.d
Lab Smp Id: ccvrtsg1660l3_00019
Inj Date : 08-OCT-2012 18:30
Operator : Inst ID: PESTGC9.i
Smp Info : ccvrt-sg1660l3_00019
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.056	2.085	-0.029	13178629	826.281	550	80.00- 120.00	100.00(M)
2.498	2.527	-0.029	24921299	915.181	610	133.24- 199.85	189.10
2.746	2.777	-0.031	17517717	975.756	650	99.75- 149.63	132.93
3.100	3.130	-0.030	55834574	938.480	620	293.67- 440.51	423.68
3.297	3.330	-0.033	22240639	971.476	650	117.58- 176.38	168.76
3.648	3.685	-0.037	23838665	1005.97	670	114.64- 171.96	180.89
4.011	4.043	-0.032	22339236	996.719	660	118.19- 177.28	169.51
4.157	4.191	-0.034	11029779	1085.84	720	55.77- 83.66	83.69
		Average of Peak Concentrations =			640		
27 Aroclor-1260					CAS #: 11096-82-5		
6.045	6.072	-0.027	32414247	991.956	660	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.496	6.522	-0.026	60686283	1003.62	670	146.54- 219.81	187.22
6.938	6.964	-0.026	57521890	1037.33	690	141.08- 211.62	177.46
7.137	7.165	-0.028	29736966	985.849	660	75.67- 113.51	91.74
7.572	7.602	-0.030	27208663	1005.36	670	70.53- 105.79	83.94
8.857	8.893	-0.036	33916486	986.885	660	91.99- 137.99	104.63
9.076	9.115	-0.039	24987061	1180.75	790	59.53- 89.30	77.09
10.135	10.153	-0.018	19001807	1101.87	730	46.47- 69.71	58.62
		Average of Peak Concentrations =			690		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.611	10.624	-0.013	48217685	102.438	68	80.00- 120.00	100.00(R)

QC Flag Legend

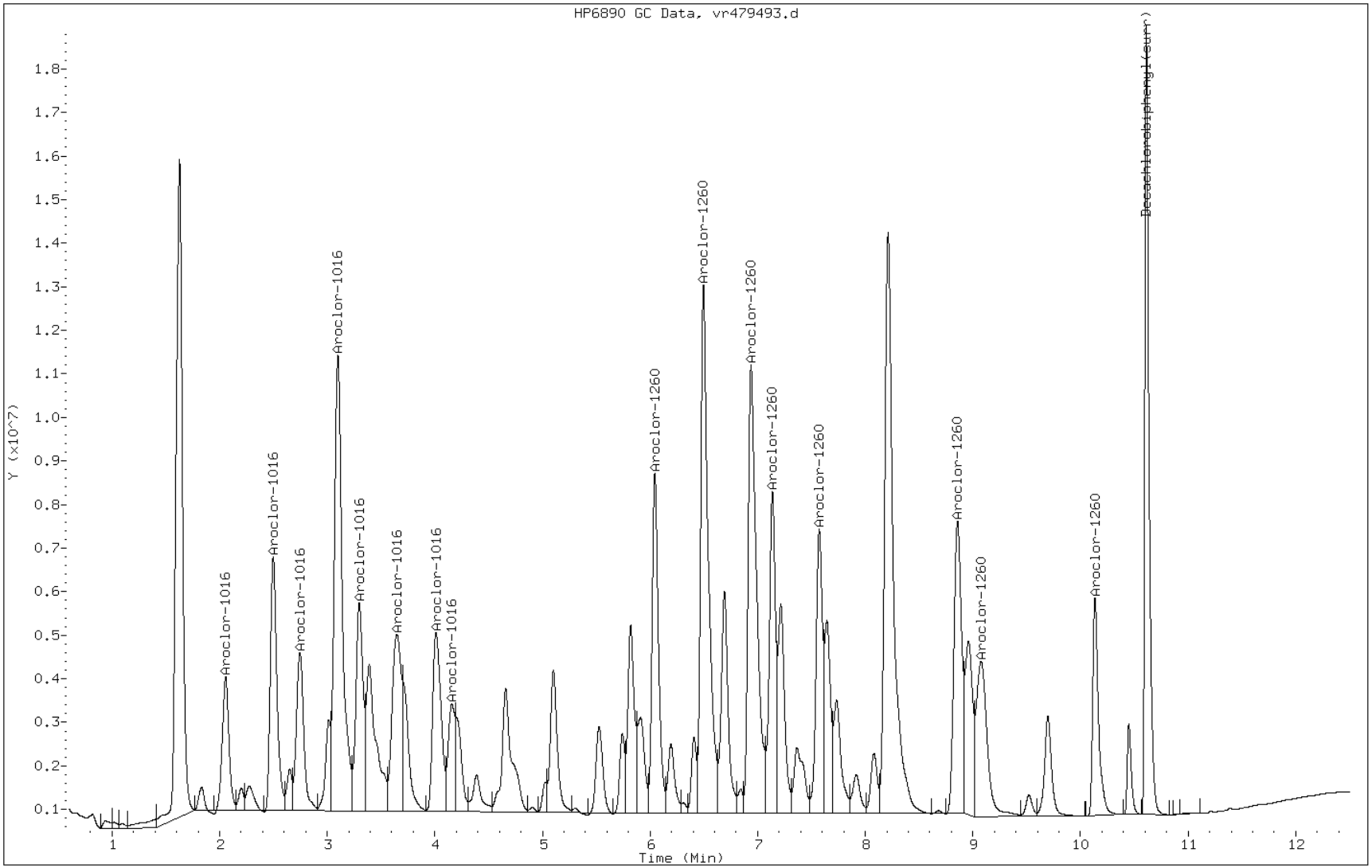
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr479493.d

Date: 08-OCT-2012 18:30

Client ID: Instrument: PESTGC9.i

Sample Info: ccvrt-sg1660l3_00019 Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCV 460-131137/19 Calibration Date: 10/09/2012 01:47

Instrument ID: PESTGC9 Calib Start Date: 09/30/2012 17:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2012 18:07

Lab File ID: vf479510.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	10273	9983		972	1000	-2.8	15.0
PCB-1016 Peak 2	Ave	21113	21822		1030	1000	3.4	15.0
PCB-1016 Peak 3	Ave	8714	9343		1070	1000	7.2	15.0
PCB-1016 Peak 4	Ave	37710	38889		1030	1000	3.1	15.0
PCB-1016 Peak 5	Ave	16455	18316		1110	1000	11.3	15.0
PCB-1016 Peak 6	Ave	9770	10090		1030	1000	3.3	15.0
PCB-1016 Peak 7	Ave	11990	12117		1010	1000	1.1	15.0
PCB-1016 Peak 8	Ave	12146	12878		1060	1000	6.0	15.0
PCB-1260 Peak 1	Ave	22106	23050		1040	1000	4.3	15.0
PCB-1260 Peak 2	Ave	25092	26011		1040	1000	3.7	15.0
PCB-1260 Peak 3	Ave	36867	40096		1090	1000	8.8	15.0
PCB-1260 Peak 4	Ave	16241	17932		1100	1000	10.4	15.0
PCB-1260 Peak 5	Ave	8814	10016		1140	1000	13.6	15.0
PCB-1260 Peak 6	Ave	16926	17994		1060	1000	6.3	15.0
PCB-1260 Peak 7	Ave	21064	21486		1020	1000	2.0	15.0
PCB-1260 Peak 8	Ave	7857	7855		1000	1000	-0.0	15.0
DCB Decachlorobiphenyl	Ave	265963	262499		98.7	100	-1.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCV 460-131137/19 Calibration Date: 10/09/2012 01:47

Instrument ID: PESTGC9 Calib Start Date: 09/30/2012 17:04

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2012 18:07

Lab File ID: vf479510.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.92	2.89	3.03
PCB-1016 Peak 2	3.59	3.57	3.71
PCB-1016 Peak 3	4.03	4.01	4.15
PCB-1016 Peak 4	4.43	4.41	4.55
PCB-1016 Peak 5	4.68	4.65	4.79
PCB-1016 Peak 6	5.11	5.09	5.23
PCB-1016 Peak 7	5.50	5.47	5.61
PCB-1016 Peak 8	5.71	5.68	5.82
PCB-1260 Peak 1	7.70	7.69	7.83
PCB-1260 Peak 2	8.16	8.14	8.28
PCB-1260 Peak 3	9.02	9.01	9.15
PCB-1260 Peak 4	9.27	9.26	9.40
PCB-1260 Peak 5	9.40	9.38	9.52
PCB-1260 Peak 6	9.86	9.83	9.97
PCB-1260 Peak 7	10.59	10.55	10.69
PCB-1260 Peak 8	11.06	11.02	11.16
DCB Decachlorobiphenyl	11.49	11.41	11.61

Data File: vf479510.d
Report Date: 09-Oct-2012 03:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/vf479510.d
Lab Smp Id: ccv-SG1660L3_00019
Inj Date : 09-OCT-2012 01:47
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L3_00019
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.922	2.961	-0.039	9983429	971.845	650	80.00- 120.00	100.00(M)
3.591	3.641	-0.050	21822420	1033.60	690	168.92- 253.38	218.59
4.034	4.085	-0.051	9342806	1072.16	710	68.89- 103.34	93.58
4.431	4.479	-0.048	38888611	1031.25	690	304.81- 457.21	389.53
4.677	4.722	-0.045	18315559	1113.08	740	133.20- 199.80	183.46
5.112	5.158	-0.046	10089629	1032.69	690	75.64- 113.46	101.06
5.497	5.542	-0.045	12117410	1010.63	670	93.32- 139.98	121.38
5.706	5.752	-0.046	12878214	1060.25	710	97.84- 146.75	129.00
Average of Peak Concentrations =					690		
27 Aroclor-1260					CAS #: 11096-82-5		
7.703	7.756	-0.053	23050032	1042.69	700	80.00- 120.00	100.00(M)

Data File: vf479510.d
Report Date: 09-Oct-2012 03:35

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.159	8.215	-0.056	26011086	1036.62	690	91.03- 136.55	112.85
9.017	9.084	-0.067	40095841	1087.59	720	140.90- 211.36	173.95
9.273	9.332	-0.059	17931794	1104.13	740	61.05- 91.58	77.80
9.399	9.454	-0.055	10016237	1136.34	760	34.60- 51.90	43.45
9.858	9.901	-0.043	17994170	1063.14	710	64.44- 96.66	78.07
10.594	10.616	-0.022	21485546	1020.03	680	79.26- 118.89	124.78
11.061	11.086	-0.025	7855172	999.743	670	29.68- 44.52	34.08
Average of Peak Concentrations =					710		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.485	11.515	-0.030	26249946	98.6977	66	80.00- 120.00	100.00(R)

QC Flag Legend

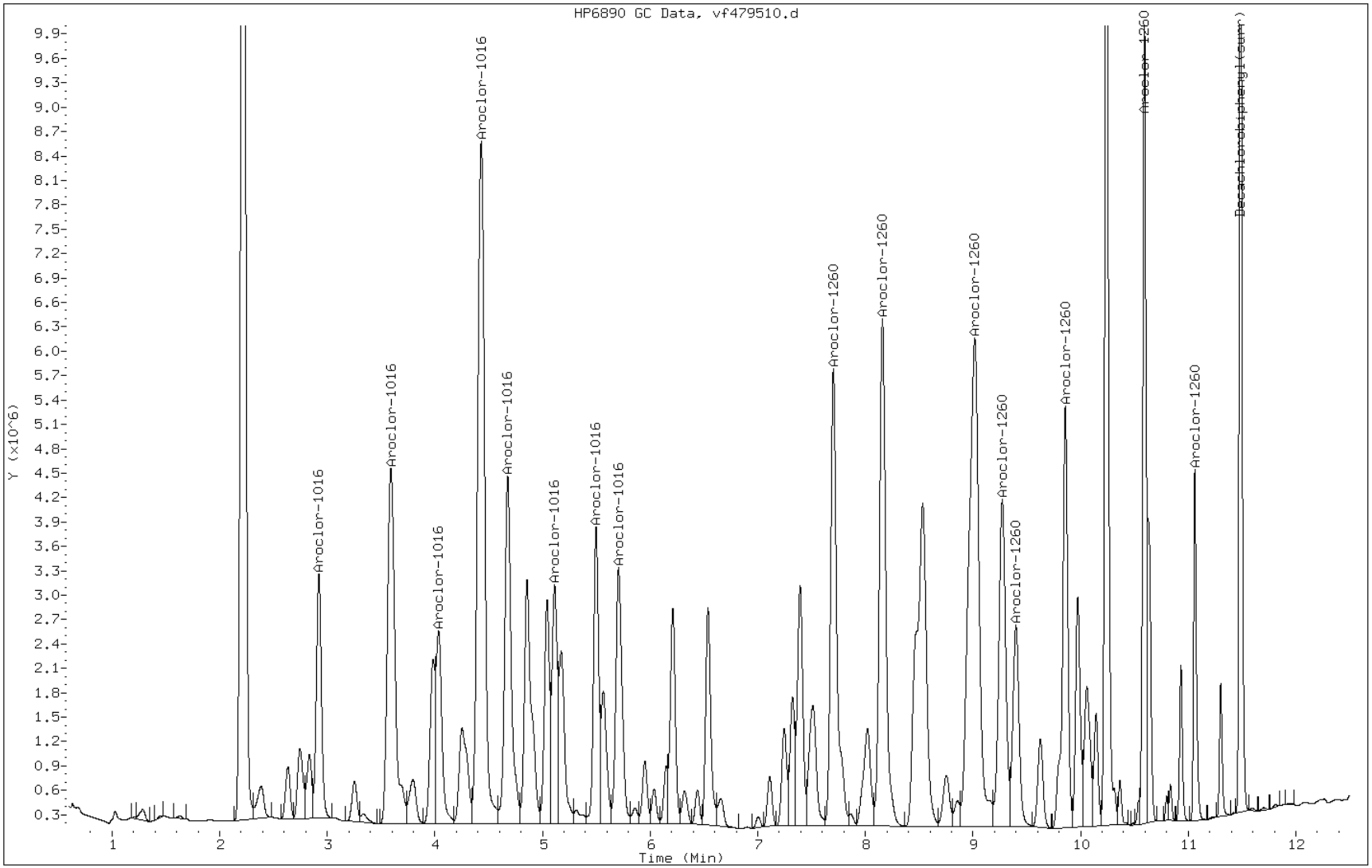
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf479510.d

Date: 09-OCT-2012 01:47

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L3_00019 Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCV 460-131137/19 Calibration Date: 10/09/2012 01:47

Instrument ID: PESTGC9 Calib Start Date: 09/30/2012 17:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2012 18:07

Lab File ID: vr479510.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15949	15773		989	1000	-1.1	15.0
PCB-1016 Peak 2	Ave	27231	26376		969	1000	-3.1	15.0
PCB-1016 Peak 3	Ave	17953	19115		1060	1000	6.5	15.0
PCB-1016 Peak 4	Ave	59495	57291		963	1000	-3.7	15.0
PCB-1016 Peak 5	Ave	22894	22907		1000	1000	0.0	15.0
PCB-1016 Peak 6	Ave	23697	25108		1060	1000	6.0	15.0
PCB-1016 Peak 7	Ave	22413	23492		1050	1000	4.8	15.0
PCB-1016 Peak 8	Ave	10158	10953		1080	1000	7.8	15.0
PCB-1260 Peak 1	Ave	32677	31773		972	1000	-2.8	15.0
PCB-1260 Peak 2	Ave	60467	58641		970	1000	-3.0	15.0
PCB-1260 Peak 3	Ave	55452	55611		1000	1000	0.3	15.0
PCB-1260 Peak 4	Ave	30164	29205		968	1000	-3.2	15.0
PCB-1260 Peak 5	Ave	27064	26925		995	1000	-0.5	15.0
PCB-1260 Peak 6	Ave	34367	33168		965	1000	-3.5	15.0
PCB-1260 Peak 7	Ave	21162	23095		1090	1000	9.1	15.0
PCB-1260 Peak 8	Ave	17245	16495		957	1000	-4.3	15.0
DCB Decachlorobiphenyl	Ave	470701	444399		94.4	100	-5.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Lab Sample ID: CCV 460-131137/19 Calibration Date: 10/09/2012 01:47

Instrument ID: PESTGC9 Calib Start Date: 09/30/2012 17:04

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2012 18:07

Lab File ID: vr479510.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.06	2.01	2.15
PCB-1016 Peak 2	2.50	2.46	2.60
PCB-1016 Peak 3	2.75	2.71	2.85
PCB-1016 Peak 4	3.10	3.06	3.20
PCB-1016 Peak 5	3.30	3.26	3.40
PCB-1016 Peak 6	3.65	3.61	3.75
PCB-1016 Peak 7	4.01	3.97	4.11
PCB-1016 Peak 8	4.16	4.12	4.26
PCB-1260 Peak 1	6.04	6.00	6.14
PCB-1260 Peak 2	6.49	6.45	6.59
PCB-1260 Peak 3	6.94	6.89	7.03
PCB-1260 Peak 4	7.14	7.09	7.23
PCB-1260 Peak 5	7.57	7.53	7.67
PCB-1260 Peak 6	8.85	8.82	8.96
PCB-1260 Peak 7	9.07	9.04	9.18
PCB-1260 Peak 8	10.13	10.08	10.22
DCB Decachlorobiphenyl	10.61	10.52	10.72

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/vr479510.d
Lab Smp Id: ccv-SG1660L3_00019
Inj Date : 09-OCT-2012 01:47
Operator : Inst ID: PESTGC9.i
Smp Info : SG1660L3_00019
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.056	2.085	-0.029	15772630	988.922	660	80.00- 120.00	100.00(M)
2.498	2.527	-0.029	26375750	968.593	640	133.24- 199.85	167.22
2.747	2.777	-0.030	19114706	1064.71	710	99.75- 149.63	121.19
3.099	3.130	-0.031	57290957	962.959	640	293.67- 440.51	363.23
3.296	3.330	-0.034	22907341	1000.60	670	117.58- 176.38	145.23
3.645	3.685	-0.040	25108132	1059.54	710	114.64- 171.96	159.19
4.009	4.043	-0.034	23491941	1048.15	700	118.19- 177.28	148.94
4.155	4.191	-0.036	10952986	1078.28	720	55.77- 83.66	69.44
		Average of Peak Concentrations =			680		
27 Aroclor-1260					CAS #: 11096-82-5		
6.043	6.072	-0.029	31772880	972.329	650	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.494	6.522	-0.028	58641225	969.803	650	146.54- 219.81	184.56
6.936	6.964	-0.028	55611337	1002.87	670	141.08- 211.62	175.03
7.135	7.165	-0.030	29205460	968.228	640	75.67- 113.51	91.92
7.570	7.602	-0.032	26925453	994.891	660	70.53- 105.79	84.74
8.854	8.893	-0.039	33168029	965.107	640	91.99- 137.99	104.39
9.072	9.115	-0.043	23094940	1091.34	730	59.53- 89.30	72.69
10.132	10.153	-0.021	16495029	956.510	640	46.47- 69.71	51.92
		Average of Peak Concentrations =			660		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.611	10.624	-0.013	44439946	94.4122	63	80.00- 120.00	100.00(R)

QC Flag Legend

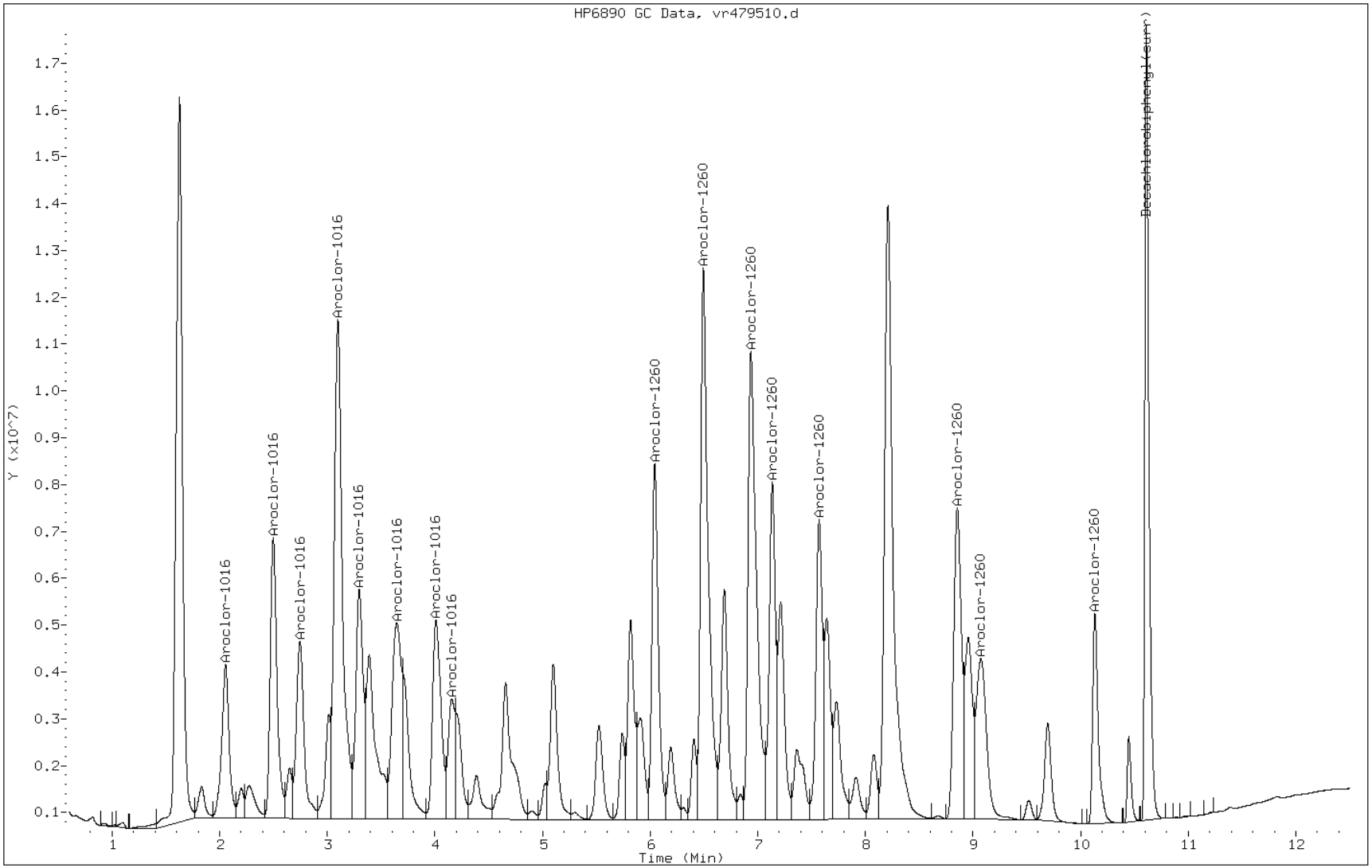
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr479510.d

Date: 09-OCT-2012 01:47

Client ID: Instrument: PESTGC9.i

Sample Info: SG1660L3_00019 Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-130997/1-A

Matrix: Water Lab File ID: vf479496.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 10/08/2012 07:55

Sample wt/vol: 1000(mL) Date Analyzed: 10/08/2012 22:08

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		37-150

Data File: vf479496.d
Report Date: 09-Oct-2012 03:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/vf479496.d
Lab Smp Id: MB 460-130997/1-a
Inj Date : 08-OCT-2012 22:08
Operator : Inst ID: PESTGC9.i
Smp Info : MB 460-130997/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.484	11.515	-0.031	23517325	88.4233	59	80.00- 120.00	100.00(R)

QC Flag Legend

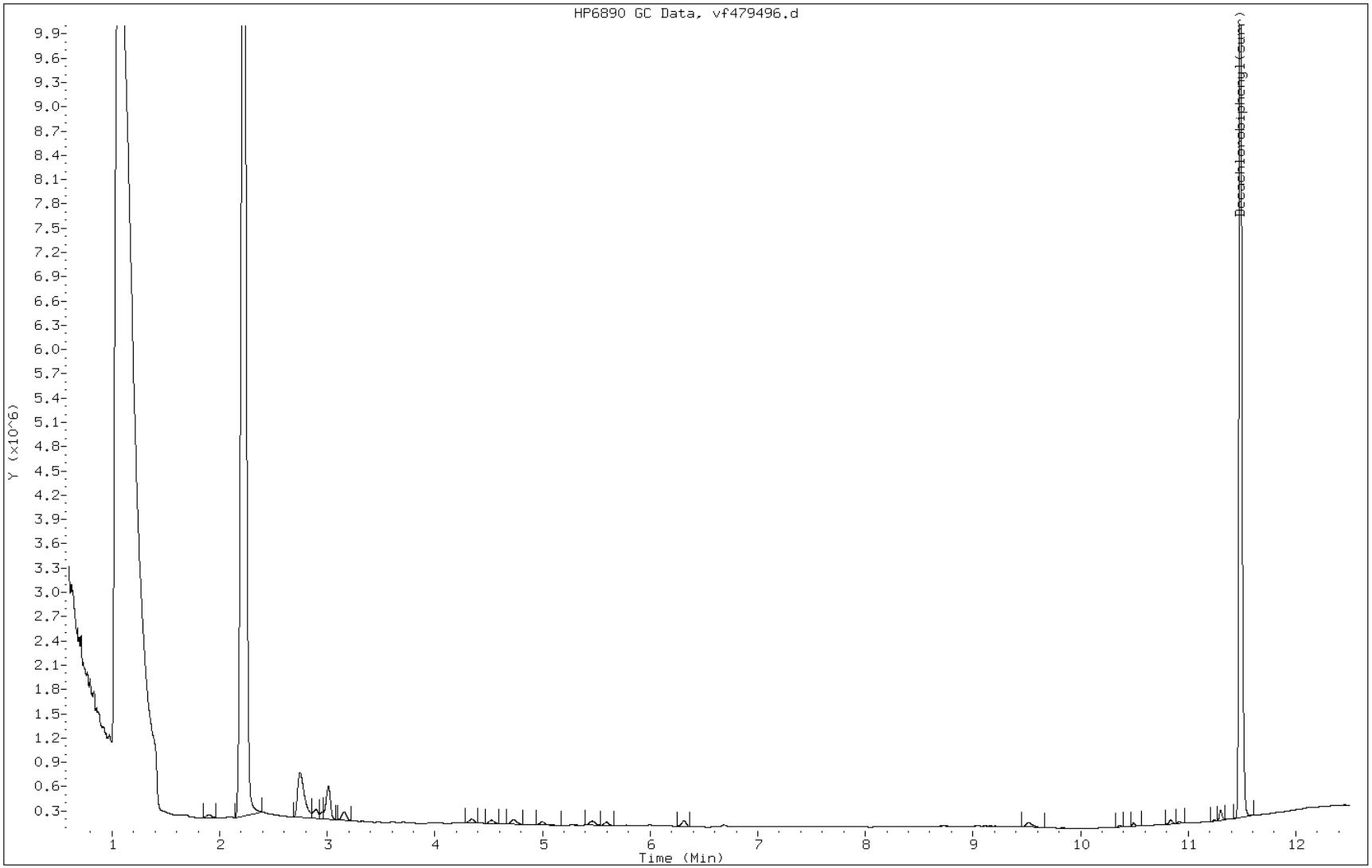
R - Spike/Surrogate failed recovery limits.

Data File: vf479496.d

Date: 08-OCT-2012 22:08

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-130997/1-a Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-130997/1-A

Matrix: Water Lab File ID: vr479496.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 10/08/2012 07:55

Sample wt/vol: 1000(mL) Date Analyzed: 10/08/2012 22:08

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.13	U	0.50	0.13
11104-28-2	PCB-1221	0.28	U	0.50	0.28
11141-16-5	PCB-1232	0.12	U	0.50	0.12
53469-21-9	PCB-1242	0.12	U	0.50	0.12
12672-29-6	PCB-1248	0.24	U	0.50	0.24
11097-69-1	PCB-1254	0.17	U	0.50	0.17
11096-82-5	PCB-1260	0.15	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/vr479496.d
Lab Smp Id: MB 460-130997/1-a
Inj Date : 08-OCT-2012 22:08
Operator : Inst ID: PESTGC9.i
Smp Info : MB 460-130997/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.624	-0.011	45589434	96.8543	64	80.00- 120.00	100.00(R)

QC Flag Legend

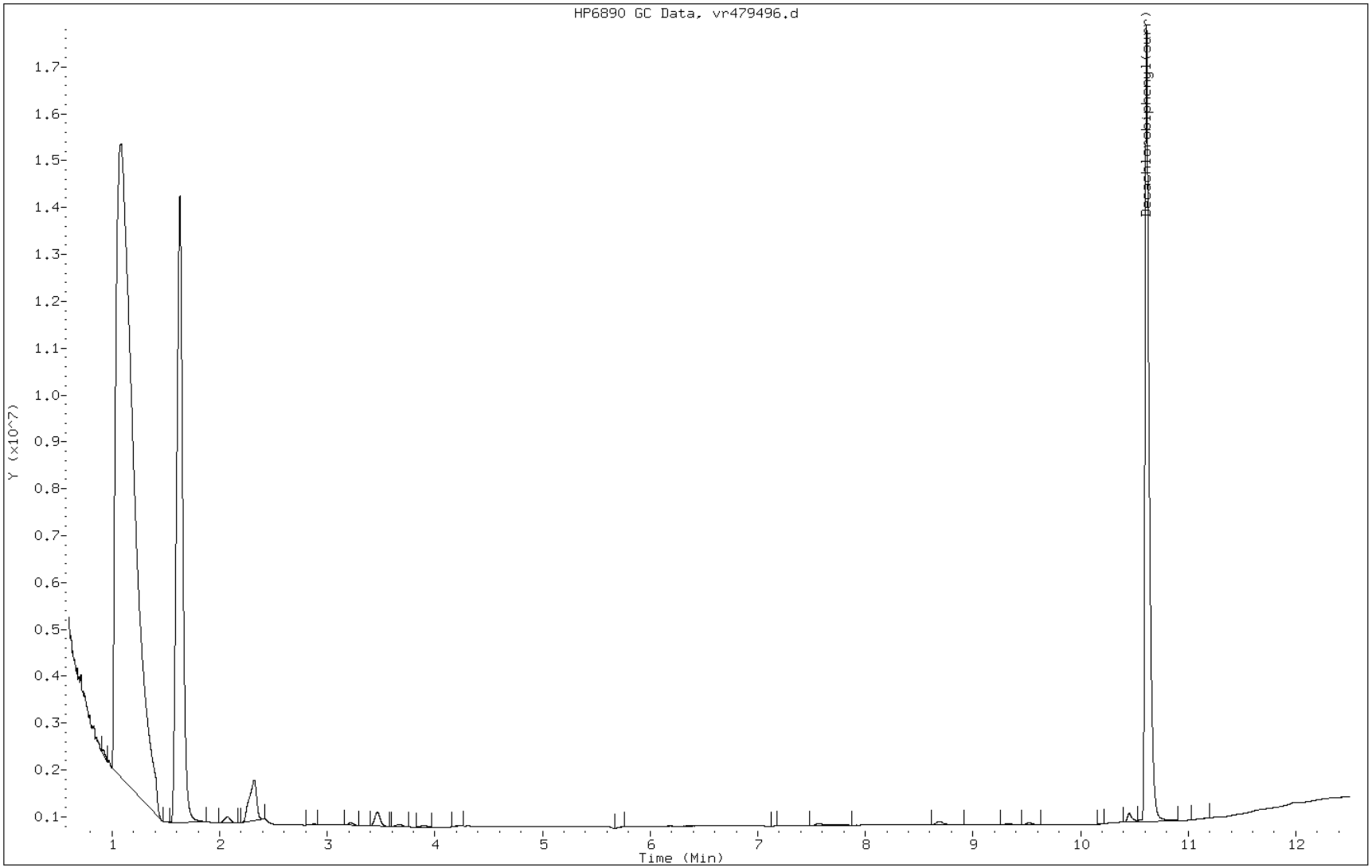
R - Spike/Surrogate failed recovery limits.

Data File: vr479496.d

Date: 08-OCT-2012 22:08

Client ID: Instrument: PESTGC9.i

Sample Info: MB 460-130997/1-a Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-131137/1

Matrix: Water Lab File ID: vf479492.d

Analysis Method: 8082 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: Date Analyzed: 10/08/2012 18:14

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*PCB-1016*	*0.13*	*U*	*0.50*	*0.13*
11104-28-2	*PCB-1221*	*0.28*	*U*	*0.50*	*0.28*
11141-16-5	*PCB-1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*PCB-1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*PCB-1248*	*0.24*	*U*	*0.50*	*0.24*
11097-69-1	*PCB-1254*	*0.17*	*U*	*0.50*	*0.17*
11096-82-5	*PCB-1260*	*0.15*	*U*	*0.50*	*0.15*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/vf479492.d
Lab Smp Id: piblk-sgpiblk_00013
Inj Date : 08-OCT-2012 18:14
Operator : Inst ID: PESTGC9.i
Smp Info : sgpiblk_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.496	11.515	-0.019	6086041	22.8830	15	80.00- 120.00	100.00(aR)

QC Flag Legend

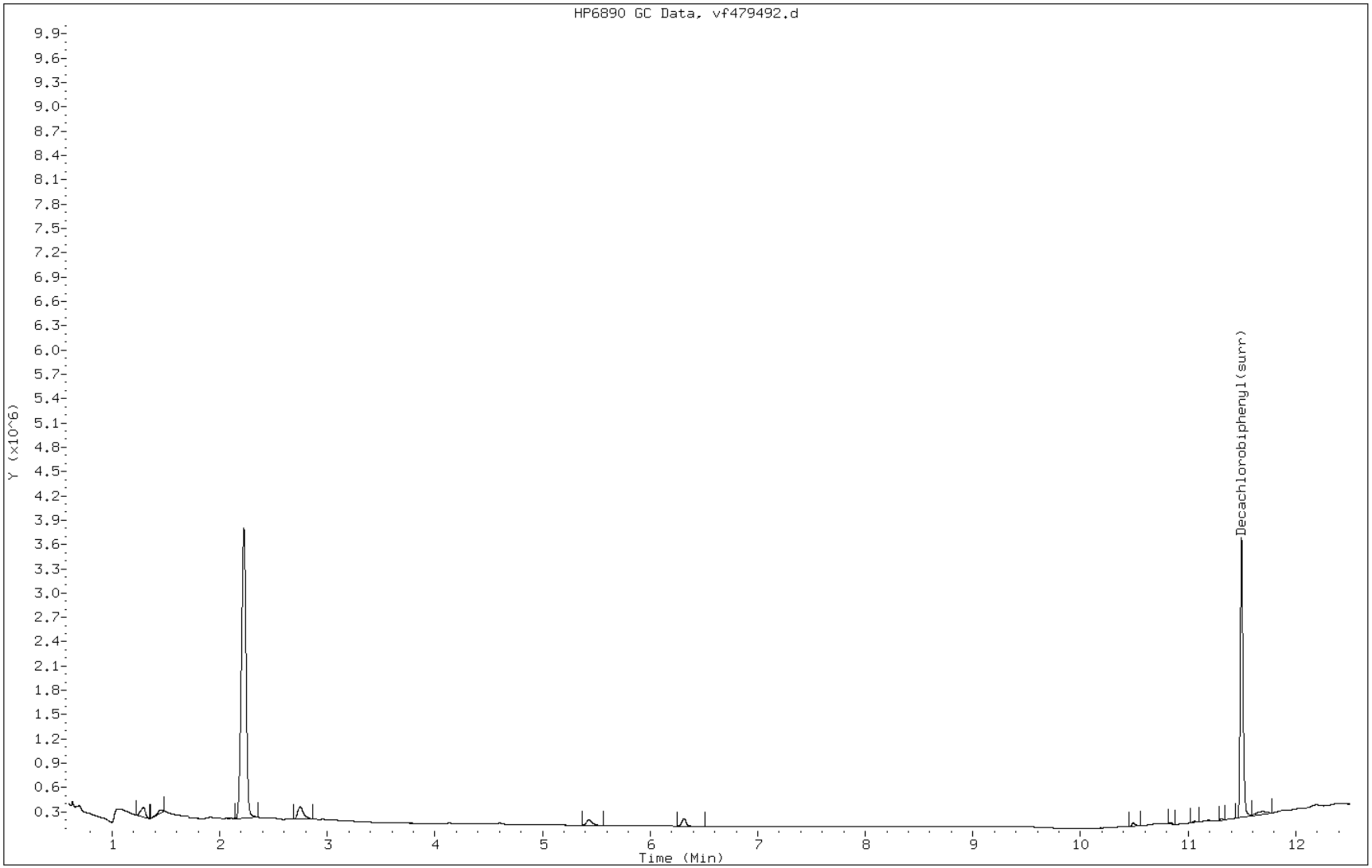
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: vf479492.d

Date: 08-OCT-2012 18:14

Client ID: Instrument: PESTGC9.i

Sample Info: sgpiblk_00013 Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-131137/1

Matrix: Water Lab File ID: vr479492.d

Analysis Method: 8082 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: Date Analyzed: 10/08/2012 18:14

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.13	U	0.50	0.13
11104-28-2	PCB-1221	0.28	U	0.50	0.28
11141-16-5	PCB-1232	0.12	U	0.50	0.12
53469-21-9	PCB-1242	0.12	U	0.50	0.12
12672-29-6	PCB-1248	0.24	U	0.50	0.24
11097-69-1	PCB-1254	0.17	U	0.50	0.17
11096-82-5	PCB-1260	0.15	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		37-150

Data File: vr479492.d
Report Date: 09-Oct-2012 03:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/vr479492.d
Lab Smp Id: piblk-sgpiblk_00013
Inj Date : 08-OCT-2012 18:14
Operator : Inst ID: PESTGC9.i
Smp Info : sgpiblk_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.624	-0.011	10738471	22.8138	15	80.00- 120.00	100.00(aR)

QC Flag Legend

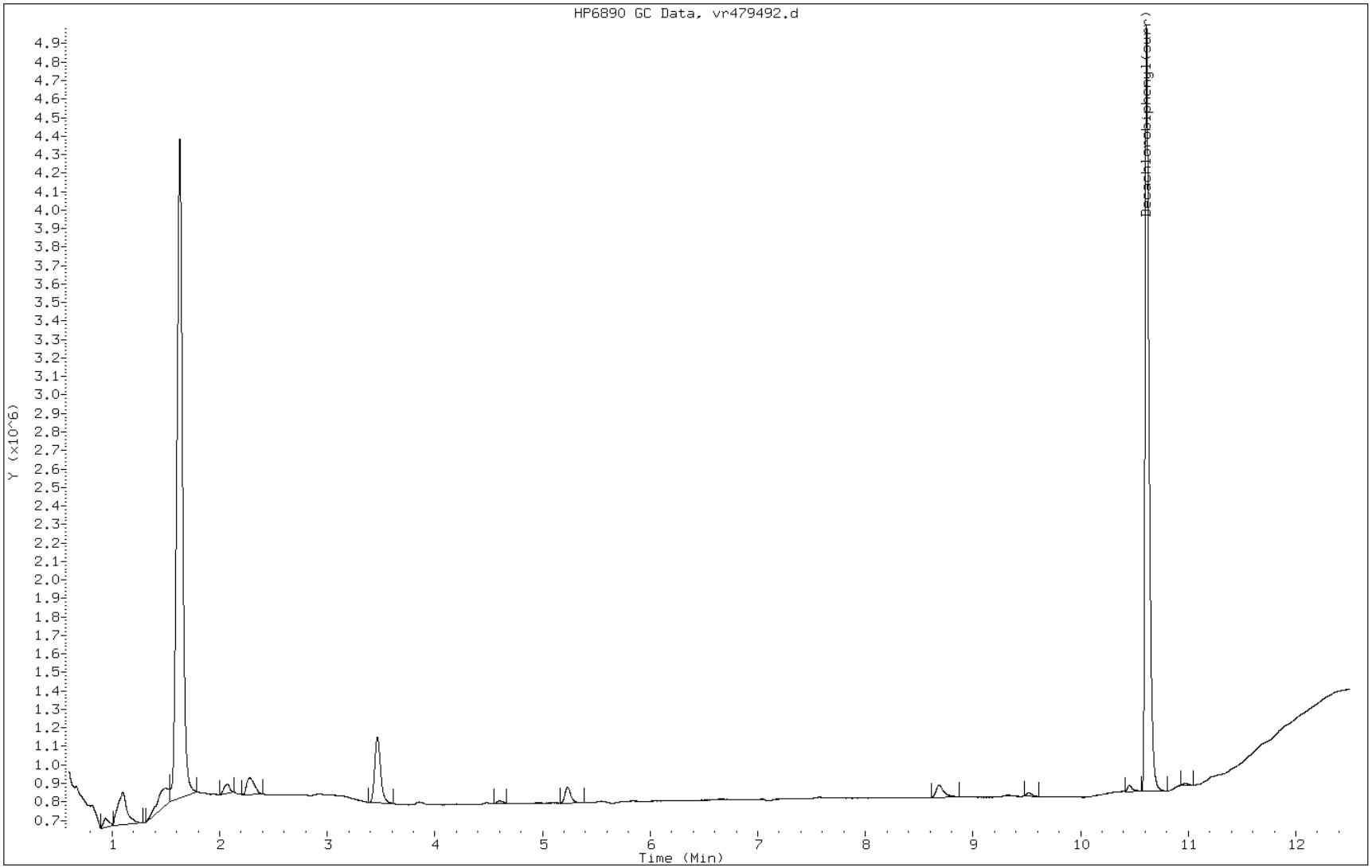
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: vr479492.d

Date: 08-OCT-2012 18:14

Client ID: Instrument: PESTGC9.i

Sample Info: sgpiblk_00013 Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-131137/18

Matrix: Water Lab File ID: vf479509.d

Analysis Method: 8082 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: Date Analyzed: 10/09/2012 01:31

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*PCB-1016*	*0.13*	*U*	*0.50*	*0.13*
11104-28-2	*PCB-1221*	*0.28*	*U*	*0.50*	*0.28*
11141-16-5	*PCB-1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*PCB-1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*PCB-1248*	*0.24*	*U*	*0.50*	*0.24*
11097-69-1	*PCB-1254*	*0.17*	*U*	*0.50*	*0.17*
11096-82-5	*PCB-1260*	*0.15*	*U*	*0.50*	*0.15*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		37-150

Data File: vf479509.d
Report Date: 09-Oct-2012 03:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/vf479509.d
Lab Smp Id: SGPIBLK_00013
Inj Date : 09-OCT-2012 01:31
Operator : Inst ID: PESTGC9.i
Smp Info : SGPIBLK_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.487	11.515	-0.028	6469383	24.3244	16	80.00- 120.00	100.00(a)

QC Flag Legend

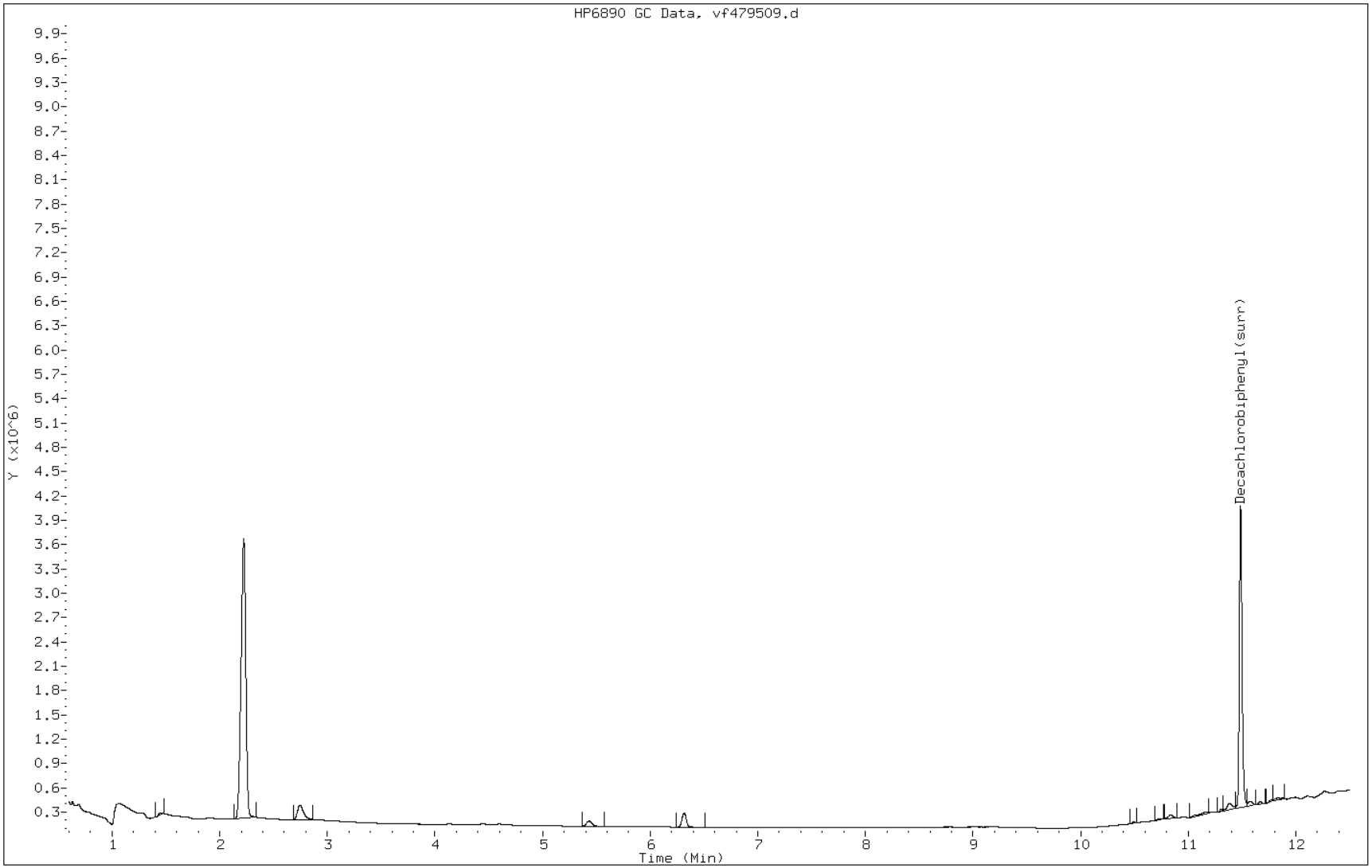
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: vf479509.d

Date: 09-OCT-2012 01:31

Client ID: Instrument: PESTGC9.i

Sample Info: SGPIBLK_00013 Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-131137/18

Matrix: Water | Lab File ID: vr479509.d

Analysis Method: 8082 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 10/09/2012 01:31

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.13	U	0.50	0.13
11104-28-2	PCB-1221	0.28	U	0.50	0.28
11141-16-5	PCB-1232	0.12	U	0.50	0.12
53469-21-9	PCB-1242	0.12	U	0.50	0.12
12672-29-6	PCB-1248	0.24	U	0.50	0.24
11097-69-1	PCB-1254	0.17	U	0.50	0.17
11096-82-5	PCB-1260	0.15	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		37-150

Data File: vr479509.d
Report Date: 09-Oct-2012 03:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/vr479509.d
Lab Smp Id: SGPIBLK_00013
Inj Date : 09-OCT-2012 01:31
Operator : Inst ID: PESTGC9.i
Smp Info : SGPIBLK_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.624	-0.011	9634357	20.4681	14	80.00- 120.00	100.00(aR)

QC Flag Legend

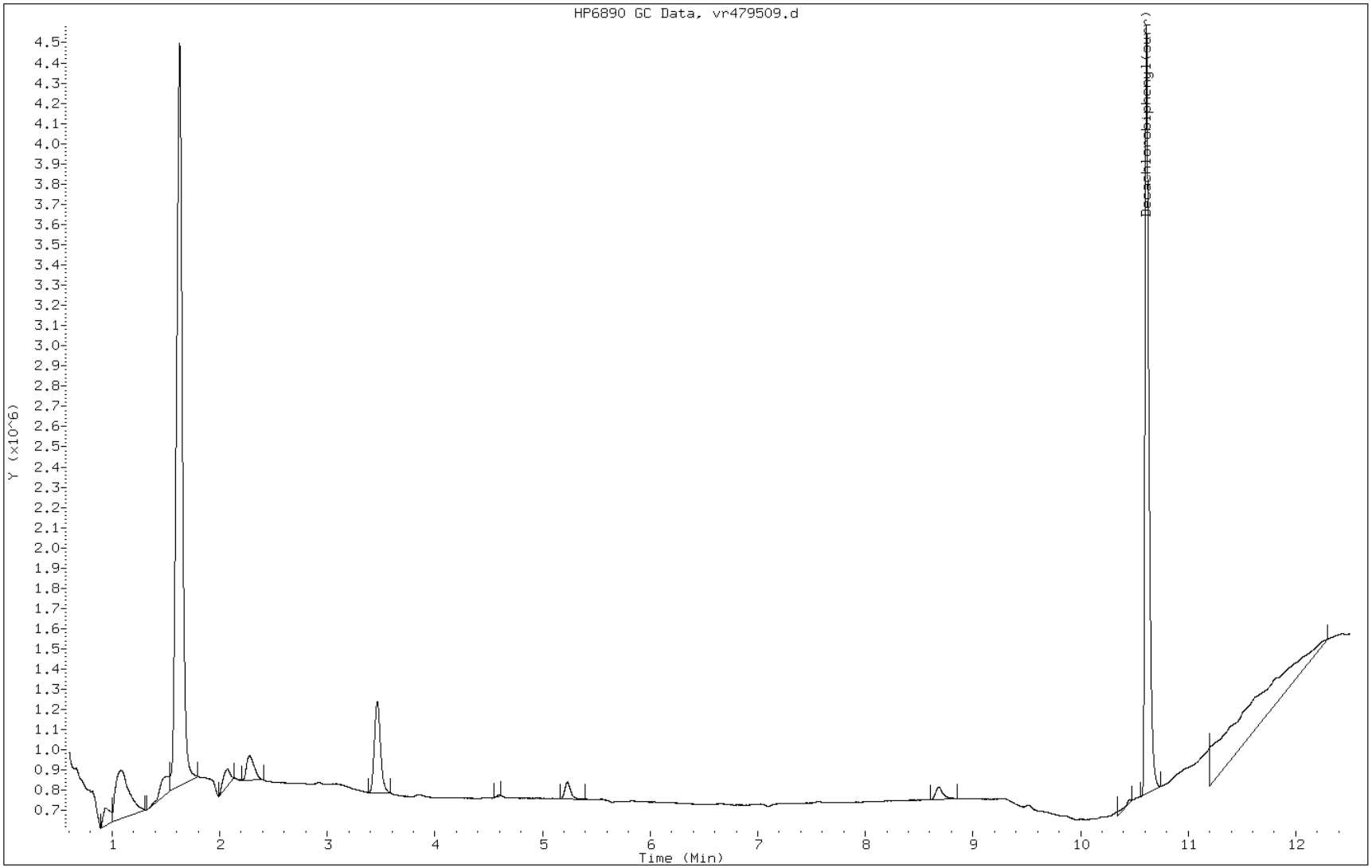
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: vr479509.d

Date: 09-OCT-2012 01:31

Client ID: Instrument: PESTGC9.i

Sample Info: SGPIBLK_00013 Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-130997/2-A

Matrix: Water | Lab File ID: vf479497.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/08/2012 07:55

Sample wt/vol: 1000(mL) | Date Analyzed: 10/08/2012 22:24

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.07		0.50	0.13
11104-28-2	*PCB-1221*	*0.28*	*U*	*0.50*	*0.28*
11141-16-5	*PCB-1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*PCB-1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*PCB-1248*	*0.24*	*U*	*0.50*	*0.24*
11097-69-1	*PCB-1254*	*0.17*	*U*	*0.50*	*0.17*
11096-82-5	*PCB-1260*	*5.57*		*0.50*	*0.15*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		37-150

Data File: vf479497.d
Report Date: 09-Oct-2012 03:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/vf479497.d
Lab Smp Id: LCS 460-130997/2-a
Inj Date : 08-OCT-2012 22:24
Operator : Inst ID: PESTGC9.i
Smp Info : LCS 460-130997/2-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.926	2.961	-0.035	10792080	1050.56	700	80.00- 120.00	100.00
3.596	3.641	-0.045	23726579	1123.79	750	168.92- 253.38	219.85
4.040	4.085	-0.045	9881475	1133.98	760	68.89- 103.34	91.56
4.437	4.479	-0.042	42082916	1115.96	740	304.81- 457.21	389.94
4.683	4.722	-0.039	19556228	1188.47	790	133.20- 199.80	181.21
5.181	5.158	0.023	7863050	804.795	540	75.64- 113.46	72.86
5.572	5.542	0.030	6208245	517.785	340	93.32- 139.98	57.53
5.713	5.752	-0.039	14198514	1168.95	780	97.84- 146.75	131.56
Average of Peak Concentrations =					680		
27 Aroclor-1260					CAS #: 11096-82-5		
7.711	7.756	-0.045	26515963	1199.47	800	80.00- 120.00	100.00(M)

Data File: vf479497.d
Report Date: 09-Oct-2012 03:20

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.168	8.215	-0.047	29809525	1188.00	790	91.03- 136.55	112.42
9.026	9.084	-0.058	46049501	1249.09	830	140.90- 211.36	173.67
9.283	9.332	-0.049	20194161	1243.44	830	61.05- 91.58	76.16
9.408	9.454	-0.046	11340121	1286.54	860	34.60- 51.90	42.77
9.864	9.901	-0.037	20709127	1223.54	820	64.44- 96.66	78.10
10.623	10.616	0.007	8913638	423.178	280	79.26- 118.89	33.62
11.063	11.086	-0.023	8650385	1100.95	730	29.68- 44.52	32.62
Average of Peak Concentrations =					740		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.484	11.515	-0.031	22216113	83.5308	56	80.00- 120.00	100.00(R)

QC Flag Legend

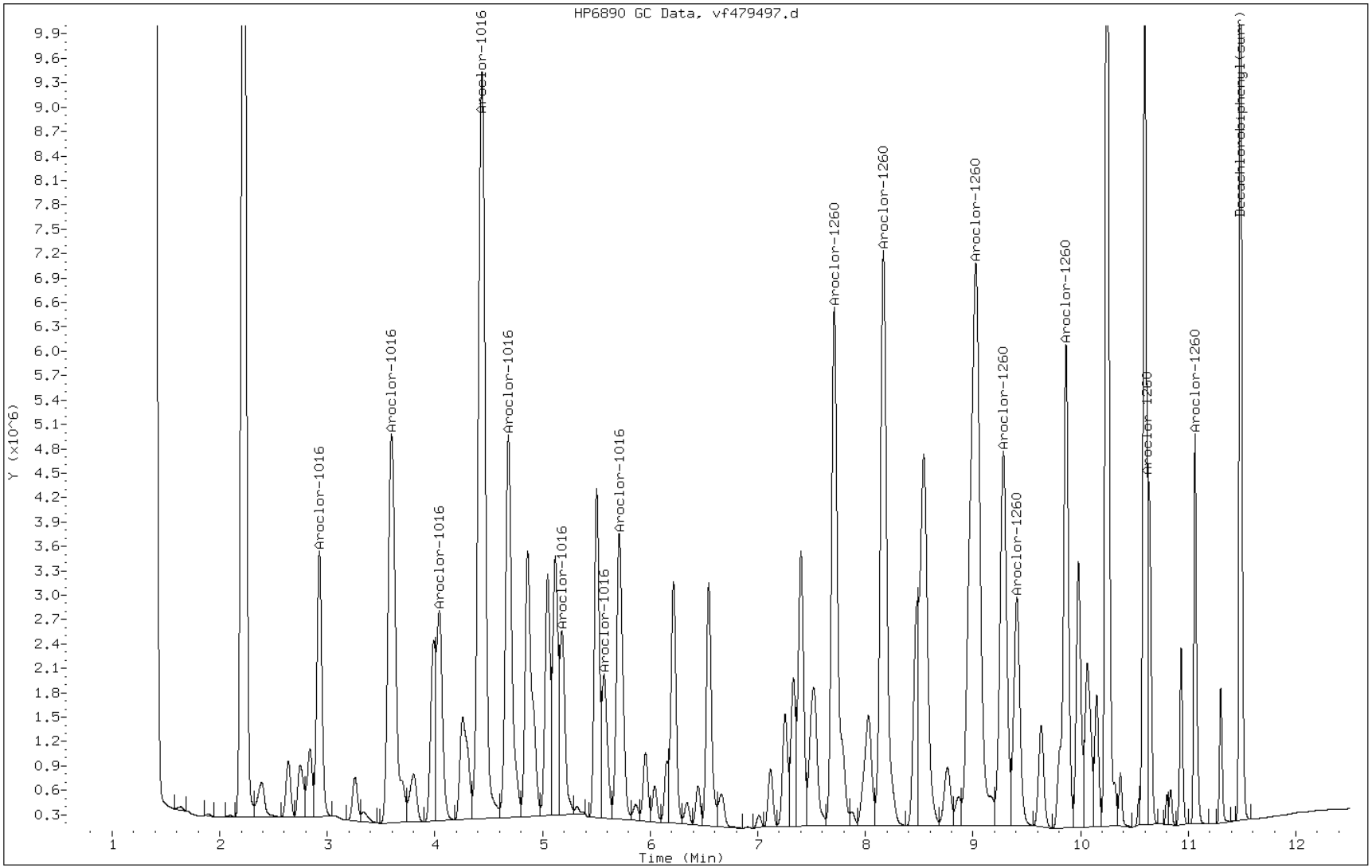
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf479497.d

Date: 08-OCT-2012 22:24

Client ID: Instrument: PESTGC9.i

Sample Info: LCS 460-130997/2-a Operator:



Manual Integration Report

Data File: vf479497.d
Inj. Date and Time: 08-OCT-2012 22:24
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/09/2012

Processing Integration Results

Not Detected

Expected RT: 7.76

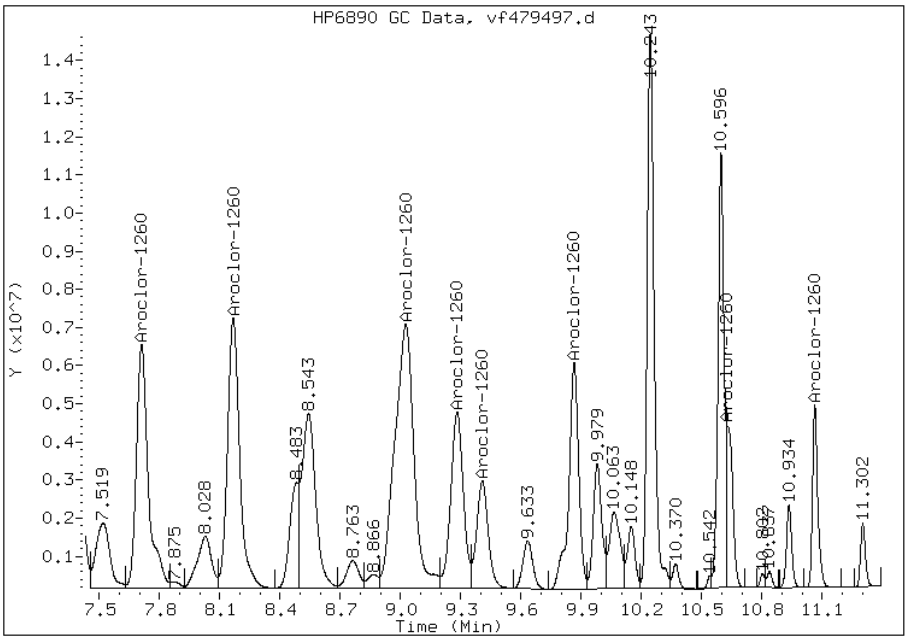
Manual Integration Results

RT: 7.71

Response: 26515963

Amount: 1114.28

Conc: 740.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-130997/2-A

Matrix: Water Lab File ID: vr479497.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 10/08/2012 07:55

Sample wt/vol: 1000(mL) Date Analyzed: 10/08/2012 22:24

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*PCB-1016*	*4.83*		*0.50*	*0.13*
11104-28-2	PCB-1221	0.28	U	0.50	0.28
11141-16-5	PCB-1232	0.12	U	0.50	0.12
53469-21-9	PCB-1242	0.12	U	0.50	0.12
12672-29-6	PCB-1248	0.24	U	0.50	0.24
11097-69-1	PCB-1254	0.17	U	0.50	0.17
11096-82-5	PCB-1260	5.73		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/vr479497.d
Lab Smp Id: LCS 460-130997/2-a
Inj Date : 08-OCT-2012 22:24
Operator : Inst ID: PESTGC9.i
Smp Info : LCS 460-130997/2-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.058	2.085	-0.027	15080112	945.502	630	80.00- 120.00	100.00(M)
2.502	2.527	-0.025	26928755	988.901	660	133.24- 199.85	178.57
2.750	2.777	-0.027	19042665	1060.70	710	99.75- 149.63	126.28
3.103	3.130	-0.027	59594211	1001.67	670	293.67- 440.51	395.18
3.301	3.330	-0.029	23808984	1039.98	690	117.58- 176.38	157.88
3.694	3.685	0.009	14297782	603.352	400	114.64- 171.96	94.81
4.013	4.043	-0.030	24245185	1081.76	720	118.19- 177.28	160.78
4.188	4.191	-0.003	10255607	1009.63	670	55.77- 83.66	68.01
		Average of Peak Concentrations =			640		
27 Aroclor-1260					CAS #: 11096-82-5		
6.048	6.072	-0.024	36196886	1107.71	740	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.500	6.522	-0.022	67525585	1116.73	740	146.54- 219.81	186.55
6.943	6.964	-0.021	64479188	1162.79	780	141.08- 211.62	178.13
7.142	7.165	-0.023	33072749	1096.44	730	75.67- 113.51	91.37
7.578	7.602	-0.024	30577540	1129.84	750	70.53- 105.79	84.48
8.864	8.893	-0.029	38421619	1117.97	740	91.99- 137.99	106.15
9.083	9.115	-0.032	26202367	1238.18	820	59.53- 89.30	72.39
10.138	10.153	-0.015	20706585	1200.73	800	46.47- 69.71	57.21
Average of Peak Concentrations =					760		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.624	-0.011	42991277	91.3346	61	80.00- 120.00	100.00(R)

QC Flag Legend

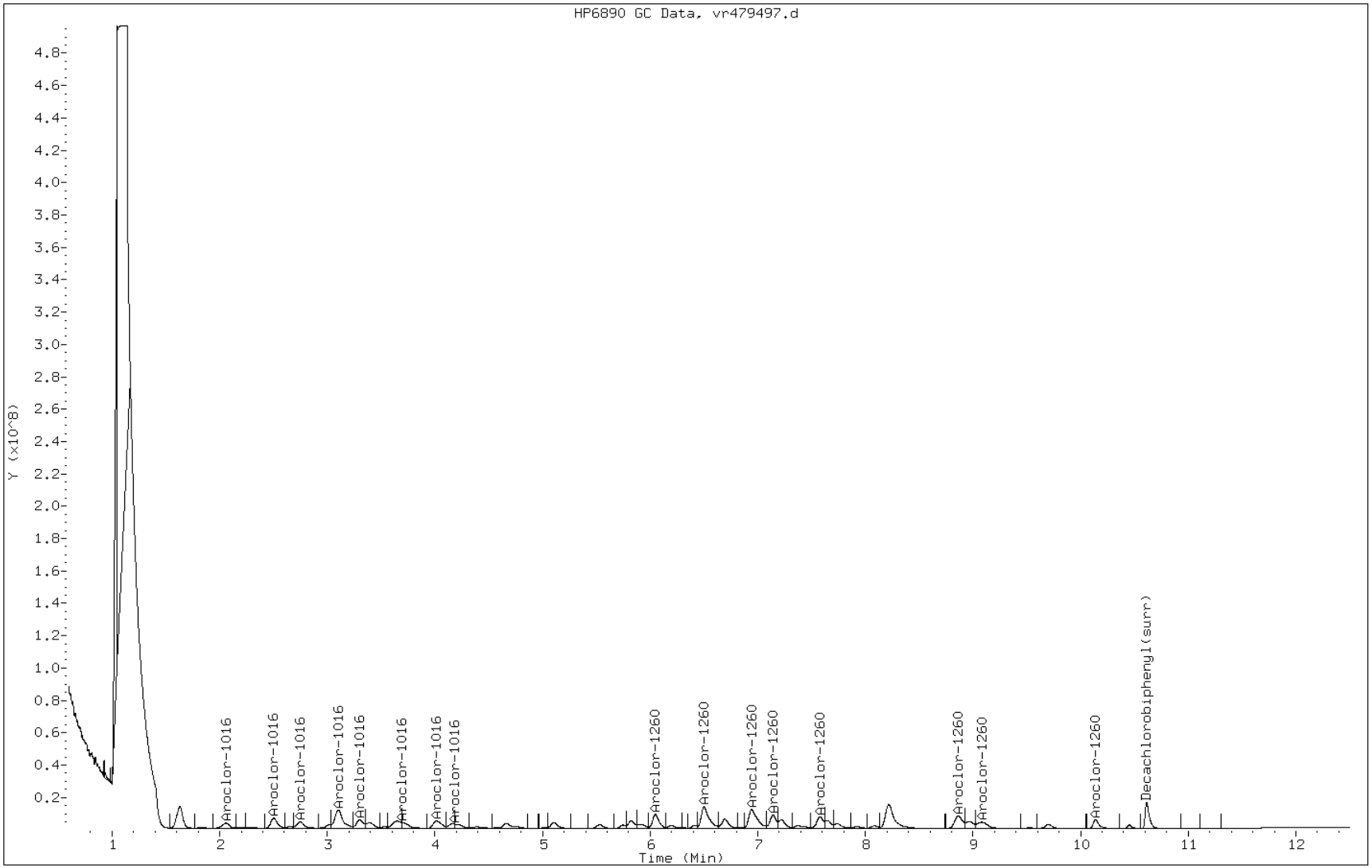
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr479497.d

Date: 08-OCT-2012 22:24

Client ID: Instrument: PESTGC9.i

Sample Info: LCS 460-130997/2-a Operator:



Manual Integration Report

Data File: vr479497.d
Inj. Date and Time: 08-OCT-2012 22:24
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/09/2012

Processing Integration Results

Not Detected

Expected RT: 2.08

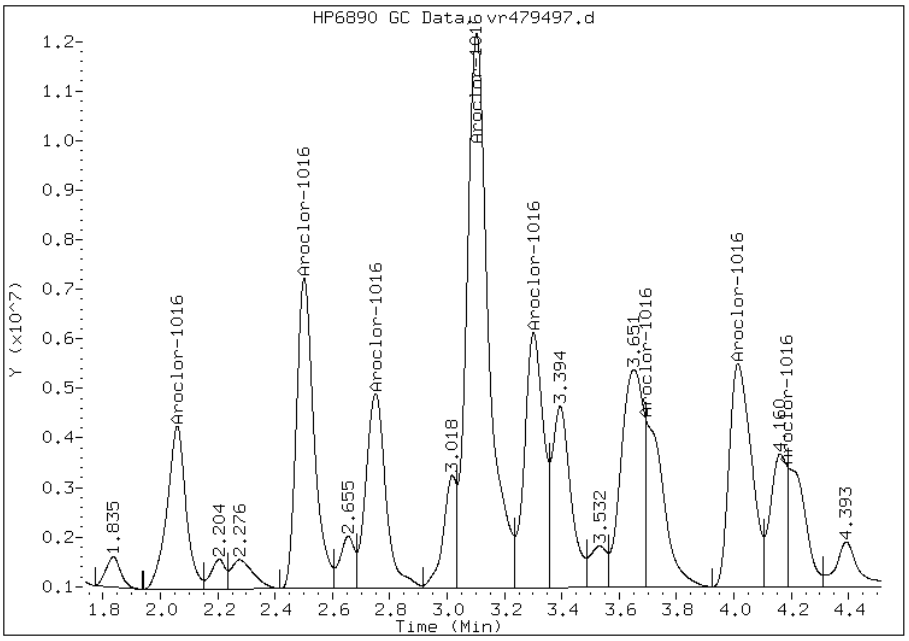
Manual Integration Results

RT: 2.06

Response: 15080112

Amount: 966.44

Conc: 640.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-130997/3-A

Matrix: Water | Lab File ID: vf479498.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/08/2012 07:55

Sample wt/vol: 1000(mL) | Date Analyzed: 10/08/2012 22:39

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.16		0.50	0.13
11104-28-2	*PCB-1221*	*0.28*	*U*	*0.50*	*0.28*
11141-16-5	*PCB-1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*PCB-1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*PCB-1248*	*0.24*	*U*	*0.50*	*0.24*
11097-69-1	*PCB-1254*	*0.17*	*U*	*0.50*	*0.17*
11096-82-5	*PCB-1260*	*5.83*		*0.50*	*0.15*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		37-150

Data File: vf479498.d
Report Date: 09-Oct-2012 03:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/vf479498.d
Lab Smp Id: LCSd 460-130997/3-a
Inj Date : 08-OCT-2012 22:39
Operator : Inst ID: PESTGC9.i
Smp Info : LCSd 460-130997/3-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/oct12/10-08-12/08oct12b.b/08Vf8082.m
Meth Date : 01-Oct-2012 08:47 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vf479211.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.925	2.961	-0.036	10994509	1070.27	710	80.00- 120.00	100.00
3.594	3.641	-0.047	24222192	1147.26	760	168.92- 253.38	220.31
4.039	4.085	-0.046	9969671	1144.10	760	68.89- 103.34	90.68
4.435	4.479	-0.044	43128755	1143.69	760	304.81- 457.21	392.28
4.680	4.722	-0.042	19946065	1212.17	810	133.20- 199.80	181.42
5.177	5.158	0.019	7960960	814.816	540	75.64- 113.46	72.41
5.569	5.542	0.027	6392667	533.166	360	93.32- 139.98	58.14
5.711	5.752	-0.041	14546887	1197.63	800	97.84- 146.75	132.31
Average of Peak Concentrations =					690		
27 Aroclor-1260					CAS #: 11096-82-5		
7.708	7.756	-0.048	27193660	1230.13	820	80.00- 120.00	100.00(M)

Data File: vf479498.d
Report Date: 09-Oct-2012 03:20

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.164	8.215	-0.051	30632211	1220.78	810	91.03- 136.55	112.64
9.022	9.084	-0.062	47541251	1289.55	860	140.90- 211.36	174.82
9.278	9.332	-0.054	21062846	1296.93	860	61.05- 91.58	77.45
9.404	9.454	-0.050	11787377	1337.28	890	34.60- 51.90	43.35
9.862	9.901	-0.039	21547760	1273.09	850	64.44- 96.66	79.24
10.618	10.616	0.002	10677528	506.919	340	79.26- 118.89	39.26
11.062	11.086	-0.024	9277293	1180.74	790	29.68- 44.52	34.12
Average of Peak Concentrations =					780		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.482	11.515	-0.033	26307958	98.9158	66	80.00- 120.00	100.00(R)

QC Flag Legend

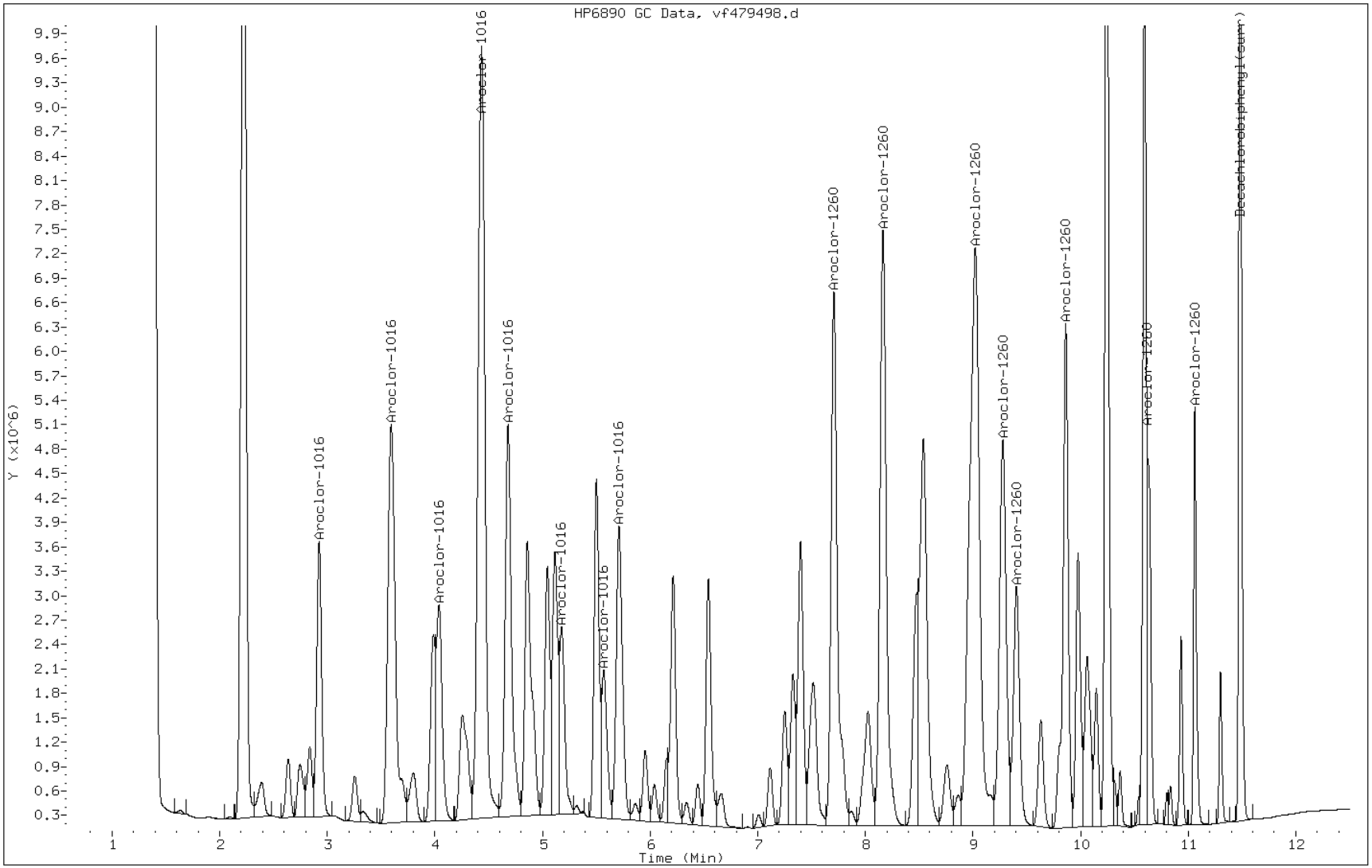
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vf479498.d

Date: 08-OCT-2012 22:39

Client ID: Instrument: PESTGC9.i

Sample Info: LCSd 460-130997/3-a Operator:



Manual Integration Report

Data File: vf479498.d
Inj. Date and Time: 08-OCT-2012 22:39
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/09/2012

Processing Integration Results

Not Detected

Expected RT: 7.76

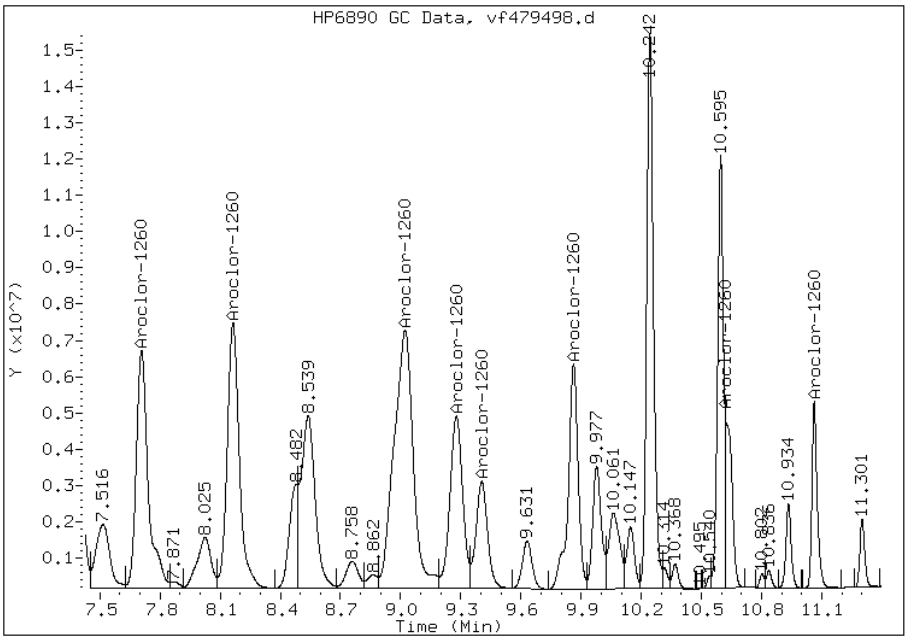
Manual Integration Results

RT: 7.71

Response: 27193660

Amount: 1166.93

Conc: 780.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45537-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-130997/3-A

Matrix: Water | Lab File ID: vr479498.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/08/2012 07:55

Sample wt/vol: 1000(mL) | Date Analyzed: 10/08/2012 22:39

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131137 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*PCB-1016*	*4.97*		*0.50*	*0.13*
11104-28-2	PCB-1221	0.28	U	0.50	0.28
11141-16-5	PCB-1232	0.12	U	0.50	0.12
53469-21-9	PCB-1242	0.12	U	0.50	0.12
12672-29-6	PCB-1248	0.24	U	0.50	0.24
11097-69-1	PCB-1254	0.17	U	0.50	0.17
11096-82-5	PCB-1260	5.95		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/vr479498.d
Lab Smp Id: LCSd 460-130997/3-a
Inj Date : 08-OCT-2012 22:39
Operator : Inst ID: PESTGC9.i
Smp Info : LCSd 460-130997/3-a
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b/08Vr8082.m
Meth Date : 01-Oct-2012 08:28 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:56 Cal File: vr479211.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.058	2.085	-0.027	15401465	965.650	640	80.00- 120.00	100.00(M)
2.501	2.527	-0.026	27477458	1009.05	670	133.24- 199.85	178.41
2.750	2.777	-0.027	19458638	1083.87	720	99.75- 149.63	126.34
3.102	3.130	-0.028	60672366	1019.79	680	293.67- 440.51	393.94
3.299	3.330	-0.031	24206974	1057.37	700	117.58- 176.38	157.17
3.679	3.685	-0.006	17478185	737.562	490	114.64- 171.96	113.48
4.012	4.043	-0.031	24592091	1097.24	730	118.19- 177.28	159.67
4.189	4.191	-0.002	9970290	981.538	650	55.77- 83.66	64.74
		Average of Peak Concentrations =			660		
27 Aroclor-1260					CAS #: 11096-82-5		
6.047	6.072	-0.025	36957605	1130.99	750	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.498	6.522	-0.024	69036402	1141.72	760	146.54- 219.81	186.80
6.940	6.964	-0.024	66037968	1190.90	790	141.08- 211.62	178.69
7.140	7.165	-0.025	33956993	1125.75	750	75.67- 113.51	91.88
7.575	7.602	-0.027	31643763	1169.23	780	70.53- 105.79	85.62
8.861	8.893	-0.032	40016219	1164.37	780	91.99- 137.99	108.28
9.080	9.115	-0.035	27744305	1311.04	870	59.53- 89.30	75.07
10.136	10.153	-0.017	22040150	1278.06	850	46.47- 69.71	59.64
		Average of Peak Concentrations =			790		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.612	10.624	-0.012	50942327	108.226	72	80.00- 120.00	100.00(R)

QC Flag Legend

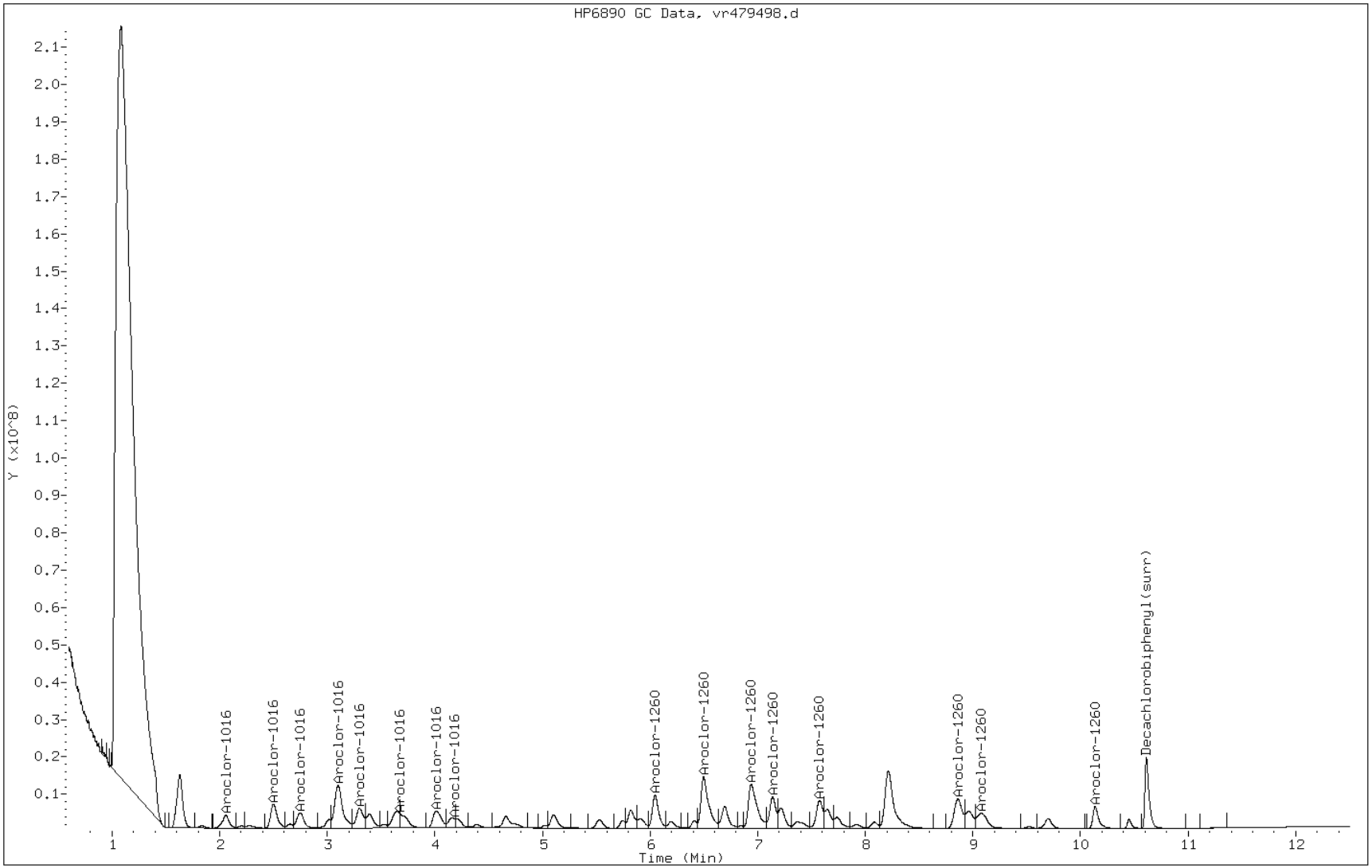
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: vr479498.d

Date: 08-OCT-2012 22:39

Client ID: Instrument: PESTGC9.i

Sample Info: LCSd 460-130997/3-a Operator:



Manual Integration Report

Data File: vr479498.d
Inj. Date and Time: 08-OCT-2012 22:39
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/09/2012

Processing Integration Results

Not Detected

Expected RT: 2.08

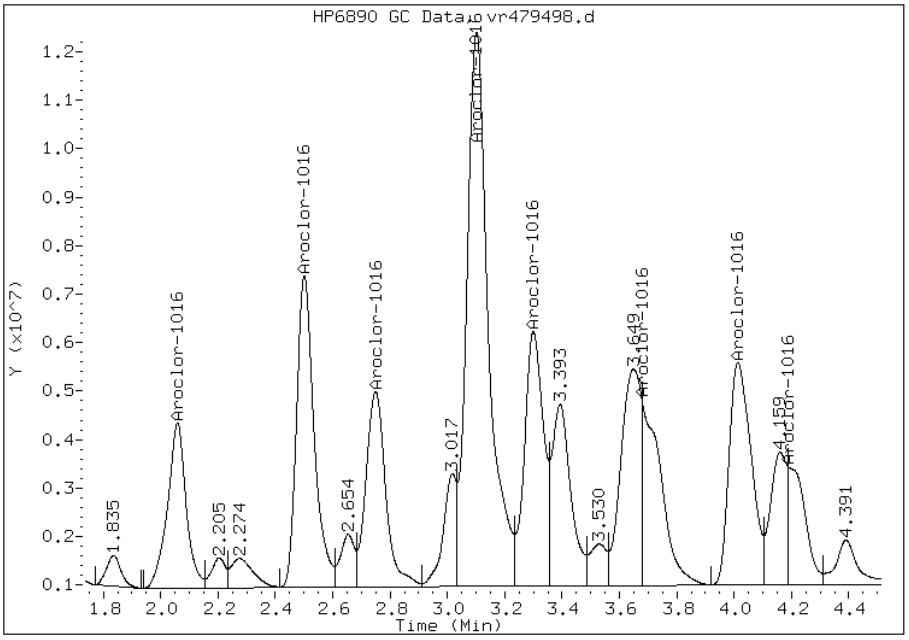
Manual Integration Results

RT: 2.06

Response: 15401465

Amount: 994.01

Conc: 660.00



Manually Integrated By: diazc
Manual Integration Reason:

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 09/30/2012 15:30

Analysis Batch Number: 129926 End Date: 09/30/2012 20:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-129926/1		09/30/2012 15:30	1		CLP-2 0.53(mm)
RINSE 460-129926/1		09/30/2012 15:30	1		CLP-1 0.53(mm)
RINSE 460-129926/2		09/30/2012 15:46	1		CLP-2 0.53(mm)
RINSE 460-129926/2		09/30/2012 15:46	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2012 16:02	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2012 16:02	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2012 16:17	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2012 16:17	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2012 16:33	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2012 16:33	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2012 16:49	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2012 16:49	1		CLP-1 0.53(mm)
IC 460-129926/7		09/30/2012 17:04	1	vf479200.d	CLP-2 0.53(mm)
IC 460-129926/7		09/30/2012 17:04	1	vr479200.d	CLP-1 0.53(mm)
IC 460-129926/8		09/30/2012 17:20	1	vf479201.d	CLP-2 0.53(mm)
IC 460-129926/8		09/30/2012 17:20	1	vr479201.d	CLP-1 0.53(mm)
IC 460-129926/9		09/30/2012 17:35	1	vf479202.d	CLP-2 0.53(mm)
IC 460-129926/9		09/30/2012 17:35	1	vr479202.d	CLP-1 0.53(mm)
IC 460-129926/10		09/30/2012 17:51	1	vf479203.d	CLP-2 0.53(mm)
IC 460-129926/10		09/30/2012 17:51	1	vr479203.d	CLP-1 0.53(mm)
IC 460-129926/11		09/30/2012 18:07	1	vf479204.d	CLP-2 0.53(mm)
IC 460-129926/11		09/30/2012 18:07	1	vr479204.d	CLP-1 0.53(mm)
IC 460-129926/12		09/30/2012 18:22	1	vf479205.d	CLP-2 0.53(mm)
IC 460-129926/12		09/30/2012 18:22	1	vr479205.d	CLP-1 0.53(mm)
IC 460-129926/13		09/30/2012 18:38	1	vf479206.d	CLP-2 0.53(mm)
IC 460-129926/13		09/30/2012 18:38	1	vr479206.d	CLP-1 0.53(mm)
IC 460-129926/14		09/30/2012 18:54	1	vf479207.d	CLP-2 0.53(mm)
IC 460-129926/14		09/30/2012 18:54	1	vr479207.d	CLP-1 0.53(mm)
IC 460-129926/15		09/30/2012 19:09	1	vf479208.d	CLP-2 0.53(mm)
IC 460-129926/15		09/30/2012 19:09	1	vr479208.d	CLP-1 0.53(mm)
IC 460-129926/16		09/30/2012 19:25	1	vf479209.d	CLP-2 0.53(mm)
IC 460-129926/16		09/30/2012 19:25	1	vr479209.d	CLP-1 0.53(mm)
IC 460-129926/17		09/30/2012 19:40	1		CLP-2 0.53(mm)
IC 460-129926/17		09/30/2012 19:40	1		CLP-1 0.53(mm)
IC 460-129926/18		09/30/2012 19:56	1		CLP-2 0.53(mm)
IC 460-129926/18		09/30/2012 19:56	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2012 20:11	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2012 20:11	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2012 20:27	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2012 20:27	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2012 20:43	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2012 20:43	1		CLP-1 0.53(mm)

8082

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Instrument ID: PESTGC9 Start Date: 10/08/2012 18:14

Analysis Batch Number: 131137 End Date: 10/09/2012 01:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-131137/1		10/08/2012 18:14	1	vf479492.d	CLP-2 0.53(mm)
PIBLK 460-131137/1		10/08/2012 18:14	1	vr479492.d	CLP-1 0.53(mm)
CCVRT 460-131137/2		10/08/2012 18:30	1	vf479493.d	CLP-2 0.53(mm)
CCVRT 460-131137/2		10/08/2012 18:30	1	vr479493.d	CLP-1 0.53(mm)
ZZZZZ		10/08/2012 21:37	1		CLP-2 0.53(mm)
ZZZZZ		10/08/2012 21:37	1		CLP-1 0.53(mm)
ZZZZZ		10/08/2012 21:52	1		CLP-2 0.53(mm)
ZZZZZ		10/08/2012 21:52	1		CLP-1 0.53(mm)
MB 460-130997/1-A		10/08/2012 22:08	1	vf479496.d	CLP-2 0.53(mm)
MB 460-130997/1-A		10/08/2012 22:08	1	vr479496.d	CLP-1 0.53(mm)
LCS 460-130997/2-A		10/08/2012 22:24	1	vf479497.d	CLP-2 0.53(mm)
LCS 460-130997/2-A		10/08/2012 22:24	1	vr479497.d	CLP-1 0.53(mm)
LCSD 460-130997/3-A		10/08/2012 22:39	1	vf479498.d	CLP-2 0.53(mm)
LCSD 460-130997/3-A		10/08/2012 22:39	1	vr479498.d	CLP-1 0.53(mm)
ZZZZZ		10/08/2012 22:55	1		CLP-2 0.53(mm)
ZZZZZ		10/08/2012 22:55	1		CLP-1 0.53(mm)
ZZZZZ		10/08/2012 23:11	1		CLP-2 0.53(mm)
ZZZZZ		10/08/2012 23:11	1		CLP-1 0.53(mm)
ZZZZZ		10/08/2012 23:26	1		CLP-2 0.53(mm)
ZZZZZ		10/08/2012 23:26	1		CLP-1 0.53(mm)
ZZZZZ		10/08/2012 23:42	1		CLP-2 0.53(mm)
ZZZZZ		10/08/2012 23:42	1		CLP-1 0.53(mm)
ZZZZZ		10/08/2012 23:58	1		CLP-2 0.53(mm)
ZZZZZ		10/08/2012 23:58	1		CLP-1 0.53(mm)
ZZZZZ		10/09/2012 00:13	1		CLP-2 0.53(mm)
ZZZZZ		10/09/2012 00:13	1		CLP-1 0.53(mm)
460-45537-1	WC-17338-100512-MW14-MM-251	10/09/2012 00:29	1	vf479505.d	CLP-2 0.53(mm)
460-45537-1	WC-17338-100512-MW14-MM-251	10/09/2012 00:29	1	vr479505.d	CLP-1 0.53(mm)
460-45537-2	WC-17338-100512-MW101-MM-252	10/09/2012 00:45	1	vf479506.d	CLP-2 0.53(mm)
460-45537-2	WC-17338-100512-MW101-MM-252	10/09/2012 00:45	1	vr479506.d	CLP-1 0.53(mm)
ZZZZZ		10/09/2012 01:00	1		CLP-2 0.53(mm)
ZZZZZ		10/09/2012 01:00	1		CLP-1 0.53(mm)
ZZZZZ		10/09/2012 01:16	1		CLP-2 0.53(mm)
ZZZZZ		10/09/2012 01:16	1		CLP-1 0.53(mm)
PIBLK 460-131137/18		10/09/2012 01:31	1	vf479509.d	CLP-2 0.53(mm)
PIBLK 460-131137/18		10/09/2012 01:31	1	vr479509.d	CLP-1 0.53(mm)
CCV 460-131137/19		10/09/2012 01:47	1	vf479510.d	CLP-2 0.53(mm)
CCV 460-131137/19		10/09/2012 01:47	1	vr479510.d	CLP-1 0.53(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b

Date Generated: 10/01/2012

ID 17839 — 17840

129926

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/30/12 1530	vr479194	1	rinse	30sep12a		15	10	1	SAMPLE		
09/30/12 1546	vr479195	2	rinse	30sep12a		15	10	1	SAMPLE		
09/30/12 1602	vr479196	3	SGPIBLK_00013	30sep12a		15	10	1	SAMPLE		
09/30/12 1617	vr479197	4	SG1660LV1_00001	30sep12a		15	10	1	SAMPLE		
09/30/12 1633	vr479198	5	SG1660LV1_00001	30sep12a		15	10	1	SAMPLE		
09/30/12 1649	vr479199	6	SG1660L1_00013	30sep12a		15	10	1	SAMPLE		
09/30/12 1704	vr479200	7	IC-SG1660L1_00013			0	0	1	CALIB_1		
09/30/12 1720	vr479201	8	IC-SG1660L2_00013			0	0	1	CALIB_2		
09/30/12 1735	vr479202	9	IC-SG1660L3_00019			0	0	1	CALIB_3		
09/30/12 1751	vr479203	10	IC-SG1660L4_00013			0	0	1	CALIB_4		
09/30/12 1807	vr479204	11	IC-SG1660L5_00013			0	0	1	CALIB_5		
09/30/12 1822	vr479205	12	IC-SG1221L3_00014			0	0	1	CALIB_3		
09/30/12 1838	vr479206	13	SG1232L3_00013			0	0	1	CALIB_3		
09/30/12 1854	vr479207	14	SG1242L3_00013			0	0	1	CALIB_3		

Update

10/16/2012

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Sep12/09-30-12ical/30sep12a.b

Date Generated: 10/01/2012

129926

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/30/12 1909	vr479208	15	SG1248L3_00013			0	0	1	CALIB_3		Cal pt
09/30/12 1925	vr479209	16	SG1254L3_00013			0	0	1	CALIB_3		
09/30/12 1940	vr479210	17	SG1262L3_00012			0	0	1	CALIB_3		
09/30/12 1956	vr479211	18	SG1268L3_00013			0	0	1	CALIB_3		
09/30/12 2011	vr479212	19	SGPCBICV_00010			15	10	1	BS		
09/30/12 2027	vr479213	20	SGPIBLK_00013	30sep12a		15	10	1	SAMPLE		G
09/30/12 2043	vr479214	21	SG1660L3_00019	30sep12a		15	10	1	SAMPLE		G

Signed: _____ Read and Understood by: 9P 10/1/12

Date: 10/1/12 Date: _____

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b

Date Generated: 10/09/2012

TALS Batch: 131137

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/08/12 1814	vr479492	20	sgpiblk_00013	08oct12b		15	10	1	SAMPLE	10A	G
10/08/12 1830	vr479493	21	ccvrtsg166013_00019	08oct12b		15	10	1	SAMPLE		G
10/08/12 2137	vr479494	22	MB 460-130648/1-a	08oct12b		15	10	1	SAMPLE		G
10/08/12 2152	vr479495	23	LCSD 460-130648/3-a	08oct12b		15	10	1	SAMPLE		G
10/08/12 2208	vr479496	24	MB 460-130997/1-a	08oct12b		15	10	1	SAMPLE		G
10/08/12 2224	vr479497	25	LCS 460-130997/2-a	08oct12b		15	10	1	SAMPLE		G
10/08/12 2239	vr479498	26	LCSd 460-130997/3-a	08oct12b		15	10	1	SAMPLE		G
10/08/12 2255	vr479499	27	460-45430-F-18-A	460-130997	10/08/12	990	5	1	SAMPLE		GUA
10/08/12 2311	vr479500	30	460-45486-G-12-A	460-130997	10/08/12	960	5	1	SAMPLE		GUA
10/08/12 2326	vr479501	31	460-45486-G-13-A	460-130997	10/08/12	990	5	1	SAMPLE		GUA
10/08/12 2342	vr479502	32	460-45498-R-1-A	460-130997	10/08/12	990	5	1	SAMPLE		~~BR~~ ~~BAW~~ GUA
10/08/12 2358	vr479503	33	460-45500-G-14-A	460-130997	10/08/12	990	5	1	SAMPLE		GUA
10/09/12 0013	vr479504	34	460-45513-F-15-A	460-130997	10/08/12	990	5	1	SAMPLE		GUA
10/09/12 0029	vr479505	35	460-45537-E-1-B	460-130997	10/08/12	980	5	1	SAMPLE		GUA

10/16/2012

10/9/2012

KB 10/9/2012

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/oct12/10-08-12/08oct12b.b

Date Generated: 10/09/2012

Tals Batch: 131137

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/09/12 0045	vr479506	36	460-45537-E-2-A	460-130997	10/08/12	990	5	1	SAMPLE	NA	GND
10/09/12 0100	vr479507	37	460-45154-A-173-a	08oct12b		15	10	1	SAMPLE		G 1248 Hg Cleanup
10/09/12 0116	vr479508	38	460-45154-A-174-a	08oct12b		15	10	1	SAMPLE		G ND no PCB path / Hg Cleanup
10/09/12 0131	vr479509	39	SGPIBLK_00013	08oct12b		15	10	1	SAMPLE		G
10/09/12 0147	vr479510	40	ccv-SG1660L3_00019	08oct12b		15	10	1	SAMPLE		G

Signed: _____ Read and Understood by: KB

Date: 10/9/2012 Date: 10/9/2012

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45537-1

SDG No.:

Batch Number: 130997 Batch Start Date: 10/08/12 07:54 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date: 10/08/12 18:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCBSP 00024	OPPSTPCBSU 00021	AnalysisComment
MB 460-130997/1		3510C, 8082		7	1000 mL	5 mL		50 uL	Acid Cleaning_UP
LCS 460-130997/2		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	Acid Cleaning_UP
LCSD 460-130997/3		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	Acid Cleaning_UP
460-45537-E-1	WC-17338-100512-MW14-MM-251	3510C, 8082	T	7	980 mL	5 mL		50 uL	Acid Cleaning_UP
460-45537-E-2	WC-17338-100512-MW101-MM-252	3510C, 8082	T	7	990 mL	5 mL		50 uL	Acid Cleaning_UP

Batch Notes	
Batch Comment	8082Acid Cleaning_up Lot # 20042
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	6383
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	213204
Prep Solvent Lot #	14764
Prep Solvent Name	Mecl2
Prep Solvent Volume Used	180 ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

Address: 410 EAGLEVIEW BLVD
Phone: 610-321-1800 Fax: ____
45537

COC NO.: 29447
PAGE ___ OF ___
(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 017338 T04	Laboratory Name: TEST AMERICA	Lab Location:	SSOW ID:
Project Name: FORMER GM	Lab Contact: JAMIE CAPACI	Lab Quote No:	Cooler No:
Project Location: WILMINGTON DE			Carrier:
Chemistry Contact: SUE SCROCCHI			Airbill No:
Sampler(s): M. MYLET			Date Shipped:

Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yy)	TIME (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOC	PCB	MS/MSD Request	COMMENTS/ SPECIAL INSTRUCTIONS:
1	WG-017338-100512-MW14-MM-251	10/05/12	1000	AQ	C	2	3								X	X		1
2	WG-017338-100512-MW101-MM-252	10/05/12	1230	↓	C	2	3								X	X		2
3	TB-17338-100512-253	10/05/12		↓			3								X			3
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		

5-Day RUSH

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☒ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers:
All Samples in Cooler must be on COC

Notes/ Special Requirements:

	RELINQUISHED BY	COMPANY	DATE	TIME		RECEIVED BY	COMPANY	DATE	TIME
1.	[signature]	CRA	10/5/12	1405	1.	[signature]	TA IWL	10/05/12	1405
2.	[signature]	TA	10/5/12	1440	2.	[signature]	TA	10/5	1735
3.	[signature]	TA	10/5	19:10	3.	[signature]	TA Edison	10/5	19:10

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

4.2/3.2 IR2

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45537-1

Login Number: 45537

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2° C IR #2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.