

ANALYTICAL REPORT

Job Number: 460-45322-1

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.
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Project Mgmt. Assistant
10/10/2012 12:41 PM

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10/10/2012

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

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

Report Number: 460-45322-1

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 10/02/2012 8:00 PM; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.3 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 460-45322-1 through 460-45322-3 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082DEL. The samples were prepared on 10/04/2012 and analyzed on 10/05/2012.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-45322-1 through 460-45322-3 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/05/2012.

The continuing calibration verification (CCV) for associated with batch 130802 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for batch 130802 exceeded control limits for the following analyte: Acetone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Acetone failed the recovery criteria high for LCS 460-130802/3. 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: 460-45322-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-45322-1	WG-17338-100112-MW32-MM-2 48	Water	10/01/2012 1245	10/02/2012 2000
460-45322-2	WG-17338-100112-MW110-MM- 249	Water	10/01/2012 1450	10/02/2012 2000
460-45322-3	WG-17338-100212-MW100-MM -250	Water	10/02/2012 1055	10/02/2012 2000

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-45322-2	WG-17338-100112-MW110-MM-249					
Trichloroethene		0.20	J	1.0	ug/L	8260B
Tetrachloroethene		0.30	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Description	Lab Location	Method	Preparation Method
Matrix:			

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: 460-45322-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8082	Patel, Jignesh	JP

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW32-MM-248

Lab Sample ID: 460-45322-1

Date Sampled: 10/01/2012 1245

Client Matrix: Water

Date Received: 10/02/2012 2000

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08706.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1227			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1227				

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	0.14	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
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW32-MM-248

Lab Sample ID: 460-45322-1

Date Sampled: 10/01/2012 1245

Client Matrix: Water

Date Received: 10/02/2012 2000

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08706.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1227			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1227				

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)	109		70 - 130
4-Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW32-MM-248

Lab Sample ID: 460-45322-1

Date Sampled: 10/01/2012 1245

Client Matrix: Water

Date Received: 10/02/2012 2000

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-130802

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e08706.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 10/05/2012 1227

Final Weight/Volume: 5 mL

Prep Date: 10/05/2012 1227

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

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW110-MM-249

Lab Sample ID: 460-45322-2

Date Sampled: 10/01/2012 1450

Client Matrix: Water

Date Received: 10/02/2012 2000

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08707.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1250			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1250				

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	0.14	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	0.20	J	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	0.30	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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW110-MM-249

Lab Sample ID: 460-45322-2

Date Sampled: 10/01/2012 1450

Client Matrix: Water

Date Received: 10/02/2012 2000

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08707.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1250			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1250				

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)	108		70 - 130
4-Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW110-MM-249

Lab Sample ID: 460-45322-2

Date Sampled: 10/01/2012 1450

Client Matrix: Water

Date Received: 10/02/2012 2000

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-130802

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e08707.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 10/05/2012 1250

Final Weight/Volume: 5 mL

Prep Date: 10/05/2012 1250

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

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100212-MW100-MM-250

Lab Sample ID: 460-45322-3

Date Sampled: 10/02/2012 1055

Client Matrix: Water

Date Received: 10/02/2012 2000

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08708.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1313			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1313				

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	0.14	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
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100212-MW100-MM-250

Lab Sample ID: 460-45322-3

Date Sampled: 10/02/2012 1055

Client Matrix: Water

Date Received: 10/02/2012 2000

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e08708.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1313			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1313				

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)	107		70 - 130
4-Bromofluorobenzene	100		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100212-MW100-MM-250

Lab Sample ID: 460-45322-3

Date Sampled: 10/02/2012 1055

Client Matrix: Water

Date Received: 10/02/2012 2000

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-130802

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e08708.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 10/05/2012 1313

Final Weight/Volume: 5 mL

Prep Date: 10/05/2012 1313

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

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW32-MM-248

Lab Sample ID: 460-45322-1

Date Sampled: 10/01/2012 1245

Client Matrix: Water

Date Received: 10/02/2012 2000

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-130682	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-130463	Initial Weight/Volume:	880 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/05/2012 0536			Injection Volume:	
Prep Date:	10/04/2012 0821			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.15	U	0.15	0.57
PCB-1221	0.32	U	0.32	0.57
PCB-1232	0.14	U	0.14	0.57
PCB-1242	0.14	U	0.14	0.57
PCB-1248	0.27	U	0.27	0.57
PCB-1254	0.19	U	0.19	0.57
PCB-1260	0.17	U	0.17	0.57

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW32-MM-248

Lab Sample ID: 460-45322-1

Date Sampled: 10/01/2012 1245

Client Matrix: Water

Date Received: 10/02/2012 2000

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-130682	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-130463	Initial Weight/Volume:	880 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/05/2012 0536			Injection Volume:	
Prep Date:	10/04/2012 0821			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	61		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW110-MM-249

Lab Sample ID: 460-45322-2

Date Sampled: 10/01/2012 1450

Client Matrix: Water

Date Received: 10/02/2012 2000

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-130682	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-130463	Initial Weight/Volume:	900 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/05/2012 0552			Injection Volume:	
Prep Date:	10/04/2012 0821			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.14	U	0.14	0.56
PCB-1221	0.31	U	0.31	0.56
PCB-1232	0.13	U	0.13	0.56
PCB-1242	0.13	U	0.13	0.56
PCB-1248	0.27	U	0.27	0.56
PCB-1254	0.19	U	0.19	0.56
PCB-1260	0.17	U	0.17	0.56

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100112-MW110-MM-249

Lab Sample ID: 460-45322-2

Date Sampled: 10/01/2012 1450

Client Matrix: Water

Date Received: 10/02/2012 2000

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-130682	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-130463	Initial Weight/Volume:	900 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/05/2012 0552			Injection Volume:	
Prep Date:	10/04/2012 0821			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	56		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100212-MW100-MM-250

Lab Sample ID: 460-45322-3

Date Sampled: 10/02/2012 1055

Client Matrix: Water

Date Received: 10/02/2012 2000

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-130682	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-130463	Initial Weight/Volume:	750 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/05/2012 0608			Injection Volume:	
Prep Date:	10/04/2012 0821			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.17	U	0.17	0.67
PCB-1221	0.37	U	0.37	0.67
PCB-1232	0.16	U	0.16	0.67
PCB-1242	0.16	U	0.16	0.67
PCB-1248	0.32	U	0.32	0.67
PCB-1254	0.23	U	0.23	0.67
PCB-1260	0.20	U	0.20	0.67

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	67		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Client Sample ID: WG-17338-100212-MW100-MM-250

Lab Sample ID: 460-45322-3

Date Sampled: 10/02/2012 1055

Client Matrix: Water

Date Received: 10/02/2012 2000

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-130682	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-130463	Initial Weight/Volume:	750 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/05/2012 0608			Injection Volume:	
Prep Date:	10/04/2012 0821			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	66		37 - 150

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Surrogate Recovery Report**8260B Volatile Organics (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-45322-1	WG-17338-100112-M W32-MM-248	109	100	99
460-45322-2	WG-17338-100112-M W110-MM-249	108	99	99
460-45322-3	WG-17338-100212-M W100-MM-250	107	99	100
MB 460-130802/4		105	103	106
LCS 460-130802/3		100	100	99
460-45322-3 MS	WG-17338-100212-M W100-MM-250 MS	103	99	100
460-45322-3 MSD	WG-17338-100212-M W100-MM-250 MSD	102	98	99

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: 460-45322-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-45322-1	WG-17338-100112-M W32-MM-248	62	61
460-45322-2	WG-17338-100112-M W110-MM-249	57	56
460-45322-3	WG-17338-100212-M W100-MM-250	67	66
MB 460-130463/1-A		75	83
LCS 460-130463/2-A		86	91
LCSD 460-130463/3-A		87	87

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	37-150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Method Blank - Batch: 460-130802

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-130802/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2012 0614
Prep Date: 10/05/2012 0614
Leach Date: N/A

Analysis Batch: 460-130802
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e08690.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Method Blank - Batch: 460-130802

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-130802/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/05/2012 0614
 Prep Date: 10/05/2012 0614
 Leach Date: N/A

Analysis Batch: 460-130802
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS5
 Lab File ID: e08690.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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)	105	70 - 130
4-Bromofluorobenzene	106	70 - 130
Toluene-d8 (Surr)	103	70 - 130

Method Blank TICs- Batch: 460-130802

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Lab Control Sample - Batch: 460-130802

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-130802/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2012 0453
Prep Date: 10/05/2012 0453
Leach Date: N/A

Analysis Batch: 460-130802
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e08687.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	18.3	92	74 - 128	
Dichlorodifluoromethane	20.0	15.7	78	46 - 145	
Chloromethane	20.0	15.2	76	58 - 146	
Vinyl chloride	20.0	16.7	84	61 - 144	
Bromomethane	20.0	17.9	90	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	19.2	96	70 - 116	
1,2-Dichlorobenzene	20.0	18.5	93	82 - 122	
Trichlorofluoromethane	20.0	19.1	96	69 - 147	
1,1-Dichloroethene	20.0	19.4	97	56 - 139	
1,2-Dichloropropane	20.0	19.4	97	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.1	91	47 - 139	
Acetone	20.0	35.1	175	45 - 156	*
Carbon disulfide	20.0	18.5	93	58 - 139	
Methyl acetate	20.0	15.6	78	50 - 151	
Methylene Chloride	20.0	18.6	93	79 - 119	
trans-1,2-Dichloroethene	20.0	18.4	92	75 - 122	
Chlorodibromomethane	20.0	19.7	98	80 - 120	
Methyl tert-butyl ether	20.0	18.7	94	71 - 115	
Chloroethane	20.0	20.7	104	69 - 145	
1,1-Dichloroethane	20.0	18.4	92	78 - 122	
cis-1,2-Dichloroethene	20.0	19.4	97	80 - 120	
2-Butanone (MEK)	20.0	22.7	113	65 - 114	
Chloroform	20.0	19.1	95	82 - 123	
Ethylbenzene	20.0	19.5	97	79 - 126	
Cyclohexane	20.0	18.8	94	58 - 133	
Carbon tetrachloride	20.0	19.1	95	73 - 120	
Benzene	20.0	19.2	96	83 - 124	
1,2-Dichloroethane	20.0	18.6	93	74 - 118	
Trichloroethene	20.0	19.1	95	78 - 119	
Methylcyclohexane	20.0	18.7	94	61 - 129	
Dichlorobromomethane	20.0	19.9	99	79 - 119	
cis-1,3-Dichloropropene	20.0	19.2	96	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	19.1	96	53 - 120	
Toluene	20.0	19.0	95	80 - 120	
trans-1,3-Dichloropropene	20.0	19.5	98	78 - 118	
1,1,2-Trichloroethane	20.0	18.8	94	79 - 119	
Tetrachloroethene	20.0	19.5	97	68 - 139	
2-Hexanone	20.0	23.5	118	53 - 121	
1,2-Dibromoethane	20.0	19.6	98	78 - 118	
Chlorobenzene	20.0	19.0	95	81 - 121	
Xylenes, Total	60.0	56.0	93	76 - 121	
Styrene	20.0	18.9	95	69 - 112	
Bromoform	20.0	18.9	94	73 - 123	
Isopropylbenzene	20.0	18.9	94	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	19.2	96	74 - 126	
1,3-Dichlorobenzene	20.0	18.8	94	81 - 126	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Lab Control Sample - Batch: 460-130802

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-130802/3	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08687.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 0453	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 0453				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	18.9	94	83 - 123	
1,2,4-Trichlorobenzene	20.0	19.9	99	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 130
4-Bromofluorobenzene	99	70 - 130
Toluene-d8 (Surr)	100	70 - 130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-130802

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45322-3	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08709.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1337			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1337				
Leach Date:	N/A				

MSD Lab Sample ID:	460-45322-3	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08710.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1400			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1400				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	97	105	74 - 128	8	30		
Dichlorodifluoromethane	86	88	46 - 145	2	30		
Chloromethane	89	90	58 - 146	1	30		
Vinyl chloride	91	92	61 - 144	1	30		
Bromomethane	101	100	55 - 153	1	30		
1,2-Dibromo-3-Chloropropane	86	94	70 - 116	10	30		
1,2-Dichlorobenzene	90	97	82 - 122	8	30		
Trichlorofluoromethane	138	140	69 - 147	2	30		
1,1-Dichloroethene	91	97	56 - 139	7	30		
1,2-Dichloropropane	92	98	80 - 120	6	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	104	109	47 - 139	5	30		
Acetone	79	87	45 - 156	10	30		
Carbon disulfide	90	95	58 - 139	5	30		
Methyl acetate	66	71	50 - 151	7	30		
Methylene Chloride	92	97	79 - 119	6	30		
trans-1,2-Dichloroethene	91	95	75 - 122	4	30		
Chlorodibromomethane	88	95	80 - 120	8	30		
Methyl tert-butyl ether	85	89	71 - 115	4	30		
Chloroethane	121	117	69 - 145	3	30		
1,1-Dichloroethane	90	94	78 - 122	4	30		
cis-1,2-Dichloroethene	89	96	80 - 120	7	30		
2-Butanone (MEK)	86	89	65 - 114	4	30		
Chloroform	88	98	82 - 123	10	30		
Ethylbenzene	98	103	79 - 126	5	30		
Cyclohexane	108	115	58 - 133	7	30		
Carbon tetrachloride	96	105	73 - 120	9	30		
Benzene	89	94	83 - 124	6	30		
1,2-Dichloroethane	91	93	74 - 118	2	30		
Trichloroethene	88	94	78 - 119	7	30		
Methylcyclohexane	110	119	61 - 129	8	30		
Dichlorobromomethane	93	99	79 - 119	7	30		
cis-1,3-Dichloropropene	88	95	80 - 120	7	30		
4-Methyl-2-pentanone (MIBK)	84	92	53 - 120	8	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-130802

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45322-3	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08709.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1337			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1337				
Leach Date:	N/A				

MSD Lab Sample ID:	460-45322-3	Analysis Batch:	460-130802	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e08710.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/05/2012 1400			Final Weight/Volume:	5 mL
Prep Date:	10/05/2012 1400				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	93	98	80 - 120	6	30		
trans-1,3-Dichloropropene	88	95	78 - 118	7	30		
1,1,2-Trichloroethane	88	92	79 - 119	4	30		
Tetrachloroethene	98	104	68 - 139	6	30		
2-Hexanone	91	96	53 - 121	5	30		
1,2-Dibromoethane	88	95	78 - 118	7	30		
Chlorobenzene	93	99	81 - 121	6	30		
Xylenes, Total	95	103	76 - 121	7	30		
Styrene	94	101	69 - 112	7	30		
Bromoform	86	94	73 - 123	9	30		
Isopropylbenzene	100	107	80 - 125	7	30		
1,1,2,2-Tetrachloroethane	98	104	74 - 126	6	30		
1,3-Dichlorobenzene	93	100	81 - 126	7	30		
1,4-Dichlorobenzene	94	100	83 - 123	6	30		
1,2,4-Trichlorobenzene	85	99	66 - 120	14	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	103		102	70 - 130			
4-Bromofluorobenzene	100		99	70 - 130			
Toluene-d8 (Surr)	99		98	70 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-130802**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-45322-3 Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 10/05/2012 1337
Prep Date: 10/05/2012 1337
Leach Date: N/A

MSD Lab Sample ID: 460-45322-3
Client Matrix: Water
Dilution: 10
Analysis Date: 10/05/2012 1400
Prep Date: 10/05/2012 1400
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	200	200	194	209
Dichlorodifluoromethane	0.22	U	200	200	172	175
Chloromethane	0.10	U	200	200	178	181
Vinyl chloride	0.14	U	200	200	182	185
Bromomethane	0.18	U	200	200	201	200
1,2-Dibromo-3-Chloropropane	0.40	U	200	200	171	189
1,2-Dichlorobenzene	0.21	U	200	200	179	194
Trichlorofluoromethane	0.15	U	200	200	276	281
1,1-Dichloroethene	0.090	U	200	200	181	194
1,2-Dichloropropane	0.090	U	200	200	185	196
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	200	200	207	218
Acetone	2.7	U	200	200	158	174
Carbon disulfide	0.13	U	200	200	179	189
Methyl acetate	0.34	U	200	200	132	142
Methylene Chloride	0.18	U	200	200	184	195
trans-1,2-Dichloroethene	0.13	U	200	200	182	190
Chlorodibromomethane	0.20	U	200	200	175	189
Methyl tert-butyl ether	0.14	U	200	200	171	178
Chloroethane	0.17	U	200	200	241	235
1,1-Dichloroethane	0.13	U	200	200	180	189
cis-1,2-Dichloroethene	0.18	U	200	200	179	191
2-Butanone (MEK)	2.3	U	200	200	172	179
Chloroform	0.080	U	200	200	177	196
Ethylbenzene	0.10	U	200	200	195	206
Cyclohexane	0.16	U	200	200	216	231
Carbon tetrachloride	0.060	U	200	200	191	209
Benzene	0.080	U	200	200	178	188
1,2-Dichloroethane	0.19	U	200	200	182	185
Trichloroethene	0.090	U	200	200	175	188
Methylcyclohexane	0.14	U	200	200	220	238
Dichlorobromomethane	0.12	U	200	200	186	199
cis-1,3-Dichloropropene	0.18	U	200	200	176	189
4-Methyl-2-pentanone (MIBK)	0.99	U	200	200	169	183
Toluene	0.15	U	200	200	185	196
trans-1,3-Dichloropropene	0.24	U	200	200	177	189
1,1,2-Trichloroethane	0.19	U	200	200	177	184
Tetrachloroethene	0.10	U	200	200	197	208
2-Hexanone	0.50	U	200	200	182	192
1,2-Dibromoethane	0.28	U	200	200	177	190
Chlorobenzene	0.11	U	200	200	186	198
Xylenes, Total	0.36	U	600	600	572	617
Styrene	0.12	U	200	200	188	201
Bromoform	0.19	U	200	200	173	188

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-130802**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-45322-3 Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 10/05/2012 1337
Prep Date: 10/05/2012 1337
Leach Date: N/A

MSD Lab Sample ID: 460-45322-3
Client Matrix: Water
Dilution: 10
Analysis Date: 10/05/2012 1400
Prep Date: 10/05/2012 1400
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isopropylbenzene	0.080	U	200	200	199	214
1,1,2,2-Tetrachloroethane	0.16	U	200	200	196	208
1,3-Dichlorobenzene	0.14	U	200	200	185	200
1,4-Dichlorobenzene	0.23	U	200	200	188	201
1,2,4-Trichlorobenzene	0.34	U	200	200	171	197

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Method Blank - Batch: 460-130463

Method: 8082

Preparation: 3510C

Lab Sample ID: MB 460-130463/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/05/2012 0447
 Prep Date: 10/04/2012 0821
 Leach Date: N/A

Analysis Batch: 460-130682
 Prep Batch: 460-130463
 Leach Batch: N/A
 Units: ug/L

Instrument ID: PESTGC7
 Lab File ID: or193377.d
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 5 mL
 Injection Volume:
 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	83	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	75	37 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-130463**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-130463/2-A	Analysis Batch: 460-130682	Instrument ID: PESTGC7
Client Matrix: Water	Prep Batch: 460-130463	Lab File ID: of193378.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1000 mL
Analysis Date: 10/05/2012 0503	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 10/04/2012 0821		Injection Volume:
Leach Date: N/A		Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 460-130463/3-A	Analysis Batch: 460-130682	Instrument ID: PESTGC7
Client Matrix: Water	Prep Batch: 460-130463	Lab File ID: or193379.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1000 mL
Analysis Date: 10/05/2012 0519	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 10/04/2012 0821		Injection Volume:
Leach Date: N/A		Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
PCB-1016	123	122	71 - 126	1	30		
PCB-1260	121	122	73 - 130	1	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	91		87	37 - 150			

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-130463**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-130463/2-A	Analysis Batch: 460-130682	Instrument ID: PESTGC7
Client Matrix: Water	Prep Batch: 460-130463	Lab File ID: or193378.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1000 mL
Analysis Date: 10/05/2012 0503	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 10/04/2012 0821		Injection Volume:
Leach Date: N/A		Column ID: SECONDARY

LCSD Lab Sample ID: LCSD 460-130463/3-A	Analysis Batch: 460-130682	Instrument ID: PESTGC7
Client Matrix: Water	Prep Batch: 460-130463	Lab File ID: of193379.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1000 mL
Analysis Date: 10/05/2012 0519	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 10/04/2012 0821		Injection Volume:
Leach Date: N/A		Column ID: SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
PCB-1016	116	122	71 - 126	5	30		
PCB-1260	120	122	73 - 130	1	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	86		87	37 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-130463

Method: 8082

Preparation: 3510C

LCS Lab Sample ID: LCS 460-130463/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2012 0503
Prep Date: 10/04/2012 0821
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-130463/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2012 0519
Prep Date: 10/04/2012 0821
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	6.17	6.11
PCB-1260	5.00	5.00	6.05	6.09

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-130463

Method: 8082

Preparation: 3510C

LCS Lab Sample ID: LCS 460-130463/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2012 0503
Prep Date: 10/04/2012 0821
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-130463/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2012 0519
Prep Date: 10/04/2012 0821
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	5.82	6.09
PCB-1260	5.00	5.00	6.00	6.08

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.
	*	Recovery or RPD exceeds 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.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-130802					
LCS 460-130802/3	Lab Control Sample	T	Water	8260B	
MB 460-130802/4	Method Blank	T	Water	8260B	
460-45322-1	WG-17338-100112-MW32-MM-248	T	Water	8260B	
460-45322-2	WG-17338-100112-MW110-MM-249	T	Water	8260B	
460-45322-3	WG-17338-100212-MW100-MM-250	T	Water	8260B	
460-45322-3MS	Matrix Spike	T	Water	8260B	
460-45322-3MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total

GC Semi VOA

Analysis Batch:460-129917					
				8082	
Prep Batch: 460-130463					
LCS 460-130463/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-130463/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-130463/1-A	Method Blank	T	Water	3510C	
460-45322-1	WG-17338-100112-MW32-MM-248	T	Water	3510C	
460-45322-2	WG-17338-100112-MW110-MM-249	T	Water	3510C	
460-45322-3	WG-17338-100212-MW100-MM-250	T	Water	3510C	
Analysis Batch:460-130682					
LCS 460-130463/2-A	Lab Control Sample	T	Water	8082	460-130463
LCSD 460-130463/3-A	Lab Control Sample Duplicate	T	Water	8082	460-130463
MB 460-130463/1-A	Method Blank	T	Water	8082	460-130463
460-45322-1	WG-17338-100112-MW32-MM-248	T	Water	8082	460-130463
460-45322-2	WG-17338-100112-MW110-MM-249	T	Water	8082	460-130463
460-45322-3	WG-17338-100212-MW100-MM-250	T	Water	8082	460-130463

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Laboratory Chronicle

Lab ID: 460-45322-1

Client ID: WG-17338-100112-MW32-MM-248

Sample Date/Time: 10/01/2012 12:45

Received Date/Time: 10/02/2012 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45322-C-1		460-130802		10/05/2012 12:27	1	TAL EDI	EM
A:8260B	460-45322-C-1		460-130802		10/05/2012 12:27	1	TAL EDI	EM
P:3510C	460-45322-D-1-A		460-130682	460-130463	10/04/2012 08:21	1	TAL EDI	HW
A:8082	460-45322-D-1-A		460-130682	460-130463	10/05/2012 05:36	1	TAL EDI	JP

Lab ID: 460-45322-2

Client ID: WG-17338-100112-MW110-MM-249

Sample Date/Time: 10/01/2012 14:50

Received Date/Time: 10/02/2012 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45322-C-2		460-130802		10/05/2012 12:50	1	TAL EDI	EM
A:8260B	460-45322-C-2		460-130802		10/05/2012 12:50	1	TAL EDI	EM
P:3510C	460-45322-D-2-A		460-130682	460-130463	10/04/2012 08:21	1	TAL EDI	HW
A:8082	460-45322-D-2-A		460-130682	460-130463	10/05/2012 05:52	1	TAL EDI	JP

Lab ID: 460-45322-3

Client ID: WG-17338-100212-MW100-MM-250

Sample Date/Time: 10/02/2012 10:55

Received Date/Time: 10/02/2012 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45322-C-3		460-130802		10/05/2012 13:13	1	TAL EDI	EM
A:8260B	460-45322-C-3		460-130802		10/05/2012 13:13	1	TAL EDI	EM
P:3510C	460-45322-D-3-A		460-130682	460-130463	10/04/2012 08:21	1	TAL EDI	HW
A:8082	460-45322-D-3-A		460-130682	460-130463	10/05/2012 06:08	1	TAL EDI	JP

Lab ID: 460-45322-3 MS

Client ID: WG-17338-100212-MW100-MM-250

Sample Date/Time: 10/02/2012 10:55

Received Date/Time: 10/02/2012 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45322-C-3 MS		460-130802		10/05/2012 13:37	10	TAL EDI	EM
A:8260B	460-45322-C-3 MS		460-130802		10/05/2012 13:37	10	TAL EDI	EM

Lab ID: 460-45322-3 MSD

Client ID: WG-17338-100212-MW100-MM-250

Sample Date/Time: 10/02/2012 10:55

Received Date/Time: 10/02/2012 20:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45322-C-3 MSD		460-130802		10/05/2012 14:00	10	TAL EDI	EM
A:8260B	460-45322-C-3 MSD		460-130802		10/05/2012 14:00	10	TAL EDI	EM

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

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 460-130802/4		460-130802		10/05/2012 06:14	1	TAL EDI	EM
A:8260B	MB 460-130802/4		460-130802		10/05/2012 06:14	1	TAL EDI	EM
P:3510C	MB 460-130463/1-A		460-130682	460-130463	10/04/2012 08:21	1	TAL EDI	HW
A:8082	MB 460-130463/1-A		460-130682	460-130463	10/05/2012 04:47	1	TAL EDI	JP

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 460-130802/3		460-130802		10/05/2012 04:53	1	TAL EDI	EM
A:8260B	LCS 460-130802/3		460-130802		10/05/2012 04:53	1	TAL EDI	EM
P:3510C	LCS 460-130463/2-A		460-130682	460-130463	10/04/2012 08:21	1	TAL EDI	HW
A:8082	LCS 460-130463/2-A		460-130682	460-130463	10/05/2012 05:03	1	TAL EDI	JP

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 460-130463/3-A		460-130682	460-130463	10/04/2012 08:21	1	TAL EDI	HW
A:8082	LCSD 460-130463/3-A		460-130682	460-130463	10/05/2012 05:19	1	TAL EDI	JP

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.: 460-45322-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): Rtx-VMS ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
WG-17338-100112-MW 32-MM-248	460-45322-1	109	100	99
WG-17338-100112-MW 110-MM-249	460-45322-2	108	99	99
WG-17338-100212-MW 100-MM-250	460-45322-3	107	99	100
	MB 460-130802/4	105	103	106
	LCS 460-130802/3	100	100	99
WG-17338-100212-MW 100-MM-250 MS	460-45322-3 MS	103	99	100
WG-17338-100212-MW 100-MM-250 MSD	460-45322-3 MSD	102	98	99

	<u>QC LIMITS</u>
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 III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e08687.d
 Lab ID: LCS 460-130802/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.3	92	74-128	
Dichlorodifluoromethane	20.0	15.7	78	46-145	
Chloromethane	20.0	15.2	76	58-146	
Vinyl chloride	20.0	16.7	84	61-144	
Bromomethane	20.0	17.9	90	55-153	
1,2-Dibromo-3-Chloropropane	20.0	19.2	96	70-116	
1,2-Dichlorobenzene	20.0	18.5	93	82-122	
Trichlorofluoromethane	20.0	19.1	96	69-147	
1,1-Dichloroethene	20.0	19.4	97	56-139	
1,2-Dichloropropane	20.0	19.4	97	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	18.1	91	47-139	
Acetone	20.0	35.1	175	45-156	*
Carbon disulfide	20.0	18.5	93	58-139	
Methyl acetate	20.0	15.6	78	50-151	
Methylene Chloride	20.0	18.6	93	79-119	
trans-1,2-Dichloroethene	20.0	18.4	92	75-122	
Chlorodibromomethane	20.0	19.7	98	80-120	
Methyl tert-butyl ether	20.0	18.7	94	71-115	
Chloroethane	20.0	20.7	104	69-145	
1,1-Dichloroethane	20.0	18.4	92	78-122	
cis-1,2-Dichloroethene	20.0	19.4	97	80-120	
2-Butanone (MEK)	20.0	22.7	113	65-114	
Chloroform	20.0	19.1	95	82-123	
Ethylbenzene	20.0	19.5	97	79-126	
Cyclohexane	20.0	18.8	94	58-133	
Carbon tetrachloride	20.0	19.1	95	73-120	
Benzene	20.0	19.2	96	83-124	
1,2-Dichloroethane	20.0	18.6	93	74-118	
Trichloroethene	20.0	19.1	95	78-119	
Methylcyclohexane	20.0	18.7	94	61-129	
Dichlorobromomethane	20.0	19.9	99	79-119	
cis-1,3-Dichloropropene	20.0	19.2	96	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	19.1	96	53-120	
Toluene	20.0	19.0	95	80-120	
trans-1,3-Dichloropropene	20.0	19.5	98	78-118	
1,1,2-Trichloroethane	20.0	18.8	94	79-119	
Tetrachloroethene	20.0	19.5	97	68-139	
2-Hexanone	20.0	23.5	118	53-121	
1,2-Dibromoethane	20.0	19.6	98	78-118	
Chlorobenzene	20.0	19.0	95	81-121	
Xylenes, Total	60.0	56.0	93	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e08687.d
Lab ID: LCS 460-130802/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	18.9	95	69-112	
Bromoform	20.0	18.9	94	73-123	
Isopropylbenzene	20.0	18.9	94	80-125	
1,1,2,2-Tetrachloroethane	20.0	19.2	96	74-126	
1,3-Dichlorobenzene	20.0	18.8	94	81-126	
1,4-Dichlorobenzene	20.0	18.9	94	83-123	
1,2,4-Trichlorobenzene	20.0	19.9	99	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e08709.d
Lab ID: 460-45322-3 MS Client ID: WG-17338-100212-MW100-MM-250 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	0.060 U	194	97	74-128	
Dichlorodifluoromethane	200	0.22 U	172	86	46-145	
Chloromethane	200	0.10 U	178	89	58-146	
Vinyl chloride	200	0.14 U	182	91	61-144	
Bromomethane	200	0.18 U	201	101	55-153	
1,2-Dibromo-3-Chloropropane	200	0.40 U	171	86	70-116	
1,2-Dichlorobenzene	200	0.21 U	179	90	82-122	
Trichlorofluoromethane	200	0.15 U	276	138	69-147	
1,1-Dichloroethene	200	0.090 U	181	91	56-139	
1,2-Dichloropropane	200	0.090 U	185	92	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	0.080 U	207	104	47-139	
Acetone	200	2.7 U	158	79	45-156	
Carbon disulfide	200	0.13 U	179	90	58-139	
Methyl acetate	200	0.34 U	132	66	50-151	
Methylene Chloride	200	0.18 U	184	92	79-119	
trans-1,2-Dichloroethene	200	0.13 U	182	91	75-122	
Chlorodibromomethane	200	0.20 U	175	88	80-120	
Methyl tert-butyl ether	200	0.14 U	171	85	71-115	
Chloroethane	200	0.17 U	241	121	69-145	
1,1-Dichloroethane	200	0.13 U	180	90	78-122	
cis-1,2-Dichloroethene	200	0.18 U	179	89	80-120	
2-Butanone (MEK)	200	2.3 U	172	86	65-114	
Chloroform	200	0.080 U	177	88	82-123	
Ethylbenzene	200	0.10 U	195	98	79-126	
Cyclohexane	200	0.16 U	216	108	58-133	
Carbon tetrachloride	200	0.060 U	191	96	73-120	
Benzene	200	0.080 U	178	89	83-124	
1,2-Dichloroethane	200	0.19 U	182	91	74-118	
Trichloroethene	200	0.090 U	175	88	78-119	
Methylcyclohexane	200	0.14 U	220	110	61-129	
Dichlorobromomethane	200	0.12 U	186	93	79-119	
cis-1,3-Dichloropropene	200	0.18 U	176	88	80-120	
4-Methyl-2-pentanone (MIBK)	200	0.99 U	169	84	53-120	
Toluene	200	0.15 U	185	93	80-120	
trans-1,3-Dichloropropene	200	0.24 U	177	88	78-118	
1,1,2-Trichloroethane	200	0.19 U	177	88	79-119	
Tetrachloroethene	200	0.10 U	197	98	68-139	
2-Hexanone	200	0.50 U	182	91	53-121	
1,2-Dibromoethane	200	0.28 U	177	88	78-118	
Chlorobenzene	200	0.11 U	186	93	81-121	
Xylenes, Total	600	0.36 U	572	95	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e08709.d
Lab ID: 460-45322-3 MS Client ID: WG-17338-100212-MW100-MM-250 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	200	0.12 U	188	94	69-112	
Bromoform	200	0.19 U	173	86	73-123	
Isopropylbenzene	200	0.080 U	199	100	80-125	
1,1,2,2-Tetrachloroethane	200	0.16 U	196	98	74-126	
1,3-Dichlorobenzene	200	0.14 U	185	93	81-126	
1,4-Dichlorobenzene	200	0.23 U	188	94	83-123	
1,2,4-Trichlorobenzene	200	0.34 U	171	85	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e08710.d
 Lab ID: 460-45322-3 MSD Client ID: WG-17338-100212-MW100-MM-250

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	200	209	105	8	30	74-128	
Dichlorodifluoromethane	200	175	88	2	30	46-145	
Chloromethane	200	181	90	1	30	58-146	
Vinyl chloride	200	185	92	1	30	61-144	
Bromomethane	200	200	100	1	30	55-153	
1,2-Dibromo-3-Chloropropane	200	189	94	10	30	70-116	
1,2-Dichlorobenzene	200	194	97	8	30	82-122	
Trichlorofluoromethane	200	281	140	2	30	69-147	
1,1-Dichloroethene	200	194	97	7	30	56-139	
1,2-Dichloropropane	200	196	98	6	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	218	109	5	30	47-139	
Acetone	200	174	87	10	30	45-156	
Carbon disulfide	200	189	95	5	30	58-139	
Methyl acetate	200	142	71	7	30	50-151	
Methylene Chloride	200	195	97	6	30	79-119	
trans-1,2-Dichloroethene	200	190	95	4	30	75-122	
Chlorodibromomethane	200	189	95	8	30	80-120	
Methyl tert-butyl ether	200	178	89	4	30	71-115	
Chloroethane	200	235	117	3	30	69-145	
1,1-Dichloroethane	200	189	94	4	30	78-122	
cis-1,2-Dichloroethene	200	191	96	7	30	80-120	
2-Butanone (MEK)	200	179	89	4	30	65-114	
Chloroform	200	196	98	10	30	82-123	
Ethylbenzene	200	206	103	5	30	79-126	
Cyclohexane	200	231	115	7	30	58-133	
Carbon tetrachloride	200	209	105	9	30	73-120	
Benzene	200	188	94	6	30	83-124	
1,2-Dichloroethane	200	185	93	2	30	74-118	
Trichloroethene	200	188	94	7	30	78-119	
Methylcyclohexane	200	238	119	8	30	61-129	
Dichlorobromomethane	200	199	99	7	30	79-119	
cis-1,3-Dichloropropene	200	189	95	7	30	80-120	
4-Methyl-2-pentanone (MIBK)	200	183	92	8	30	53-120	
Toluene	200	196	98	6	30	80-120	
trans-1,3-Dichloropropene	200	189	95	7	30	78-118	
1,1,2-Trichloroethane	200	184	92	4	30	79-119	
Tetrachloroethene	200	208	104	6	30	68-139	
2-Hexanone	200	192	96	5	30	53-121	
1,2-Dibromoethane	200	190	95	7	30	78-118	
Chlorobenzene	200	198	99	6	30	81-121	
Xylenes, Total	600	617	103	7	30	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e08710.d
 Lab ID: 460-45322-3 MSD Client ID: WG-17338-100212-MW100-MM-250

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	200	201	101	7	30	69-112	
Bromoform	200	188	94	9	30	73-123	
Isopropylbenzene	200	214	107	7	30	80-125	
1,1,2,2-Tetrachloroethane	200	208	104	6	30	74-126	
1,3-Dichlorobenzene	200	200	100	7	30	81-126	
1,4-Dichlorobenzene	200	201	100	6	30	83-123	
1,2,4-Trichlorobenzene	200	197	99	14	30	66-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Lab File ID: e08690.d Lab Sample ID: MB 460-130802/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 10/05/2012 06:14
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 460-130802/3	e08687.d	10/05/2012 04:53
WG-17338-100112-MW32-MM-248	460-45322-1	e08706.d	10/05/2012 12:27
WG-17338-100112-MW110-MM-249	460-45322-2	e08707.d	10/05/2012 12:50
WG-17338-100212-MW100-MM-250	460-45322-3	e08708.d	10/05/2012 13:13
WG-17338-100212-MW100-MM-250 MS	460-45322-3 MS	e08709.d	10/05/2012 13:37
WG-17338-100212-MW100-MM-250 MSD	460-45322-3 MSD	e08710.d	10/05/2012 14:00

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1
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.: 460-45322-1
SDG No.: _____
Lab File ID: e08683.d BFB Injection Date: 10/05/2012
Instrument ID: VOAMS5 BFB Injection Time: 02:49
Analysis Batch No.: 130802

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	26.1
75	30.0 - 60.0 % of mass 95	58.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.2
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	62.2
175	5.0 - 9.0 % of mass 174	4.9 (7.8) 1
176	95.0 - 101.0 % of mass 174	62.4 (100.4) 1
177	5.0 - 9.0 % of mass 176	4.8 (7.7) 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 460-130802/2	e08685.d	10/05/2012	03:40
	LCS 460-130802/3	e08687.d	10/05/2012	04:53
	MB 460-130802/4	e08690.d	10/05/2012	06:14
WG-17338-100112-MW32-MM-248	460-45322-1	e08706.d	10/05/2012	12:27
WG-17338-100112-MW110-M-249	460-45322-2	e08707.d	10/05/2012	12:50
WG-17338-100212-MW100-M-250	460-45322-3	e08708.d	10/05/2012	13:13
WG-17338-100212-MW100-M-250 MS	460-45322-3 MS	e08709.d	10/05/2012	13:37
WG-17338-100212-MW100-M-250 MSD	460-45322-3 MSD	e08710.d	10/05/2012	14:00
	CCV 460-130802/10	e08713.d	10/05/2012	15:10

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Sample No.: CCVIS 460-130802/2 Date Analyzed: 10/05/2012 03:40
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e08685.d Heated Purge: (Y/N) N
 Calibration ID: 17515

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1405617	3.60	1208409	6.95	730600	10.47
UPPER LIMIT		2811234	4.10	2416818	7.45	1461200	10.97
LOWER LIMIT		702809	3.10	604205	6.45	365300	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-130802/3		1440928	3.59	1225430	6.95	735886	10.47
MB 460-130802/4		1396330	3.60	1177524	6.95	671465	10.47
460-45322-1	WG-17338-100112-MW32-MM-248	1422260	3.59	1151916	6.95	663875	10.47
460-45322-2	WG-17338-100112-MW110-MM-249	1317152	3.59	1120887	6.95	663342	10.47
460-45322-3	WG-17338-100212-MW100-MM-250	1306579	3.59	1112661	6.95	654380	10.47
460-45322-3 MS	WG-17338-100212-MW100-MM-250 MS	1349623	3.59	1154014	6.95	681876	10.47
460-45322-3 MSD	WG-17338-100212-MW100-MM-250 MSD	1340642	3.59	1147905	6.95	681621	10.47
CCV 460-130802/10		1396314	3.59	1162092	6.95	671530	10.47

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100112-MW32-MM-2 Lab Sample ID: 460-45322-1
 Matrix: Water Lab File ID: e08706.d
 Analysis Method: 8260B Date Collected: 10/01/2012 12:45
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 12:27
 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.: 130802 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.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100112-MW32-MM-2 Lab Sample ID: 460-45322-1
 Matrix: Water Lab File ID: e08706.d
 Analysis Method: 8260B Date Collected: 10/01/2012 12:45
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 12:27
 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.: 130802 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)	109		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Client Sample ID: WG-17338-100112-MW32-MM-2 Lab Sample ID: 460-45322-1
Matrix: Water Lab File ID: e08706.d
Analysis Method: 8260B Date Collected: 10/01/2012 12:45
Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 12:27
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.: 130802 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/09-17-12/05oct12W.b/e08706.d
 Report Date: 09-Oct-2012 10:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08706.d
 Lab Smp Id: 460-45322-C-1 Client Smp ID: WG-17338-100112-MW3
 Inj Date : 05-OCT-2012 12:27
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-45322-C-1
 Misc Info : 460-45322-C-1
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/8260DE_09.m
 Meth Date : 09-Oct-2012 10:54 delpolit Quant Type: ISTD
 Cal Date : 05-OCT-2012 03:40 Cal File: e08685.d
 Als bottle: 23
 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	3.357	3.363	(0.935)	422259	54.5313	54	
* 52 Fluorobenzene	96	3.589	3.595	(1.000)	1422260	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.101	5.107	(0.734)	1322974	50.0506	50	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1151916	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	522417	49.2722	49	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	663875	50.0000		

Data File: e08706.d

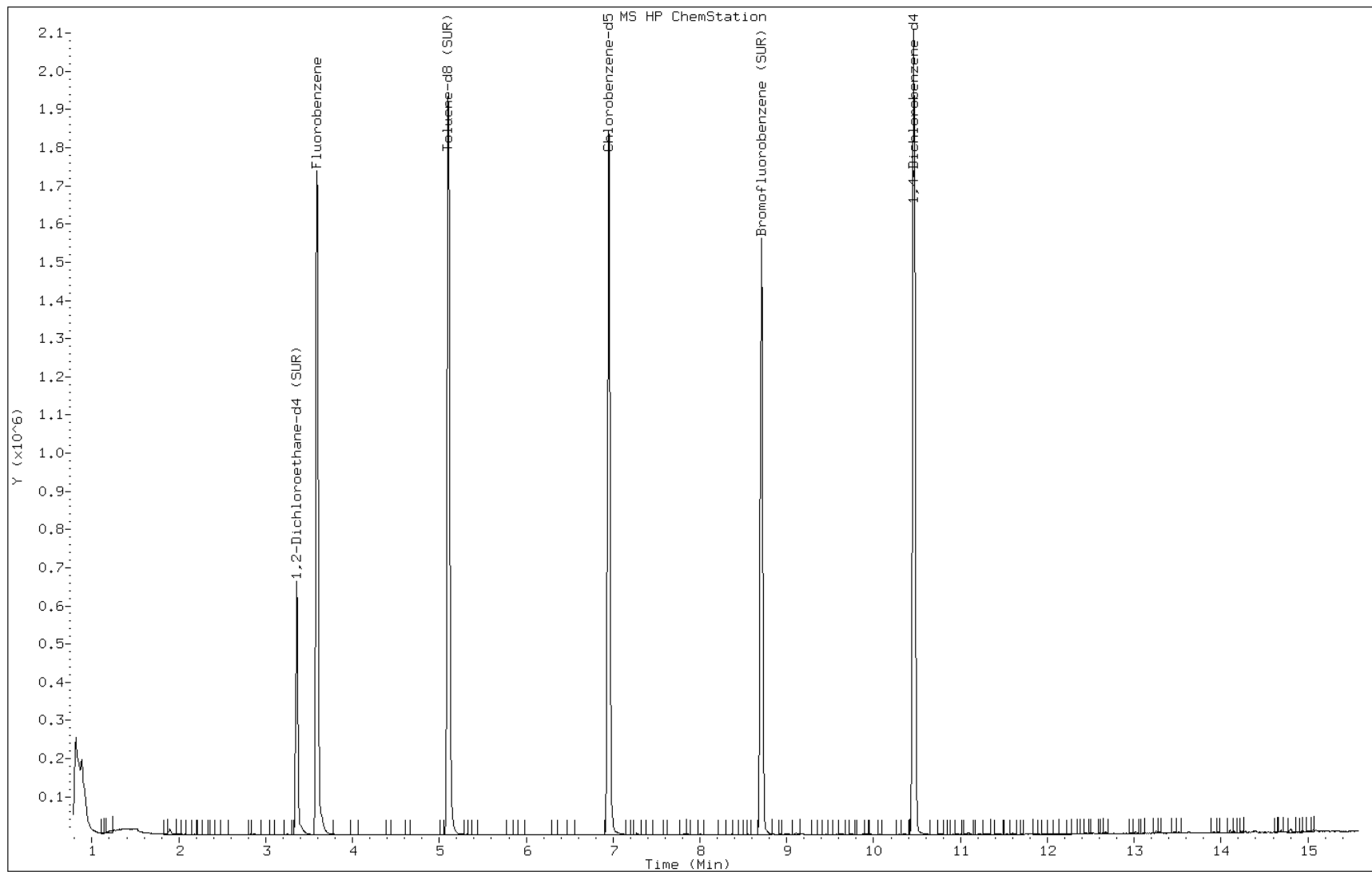
Date: 05-OCT-2012 12:27

Client ID: WG-17338-100112-MW3

Instrument: VOAMS5.i

Sample Info: 460-45322-C-1

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100112-MW110-MM- Lab Sample ID: 460-45322-2
 Matrix: Water Lab File ID: e08707.d
 Analysis Method: 8260B Date Collected: 10/01/2012 14:50
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 12:50
 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.: 130802 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	0.20	J	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.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100112-MW110-MM- Lab Sample ID: 460-45322-2
 Matrix: Water Lab File ID: e08707.d
 Analysis Method: 8260B Date Collected: 10/01/2012 14:50
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 12:50
 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.: 130802 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	0.30	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)	108		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Client Sample ID: WG-17338-100112-MW110-MM- Lab Sample ID: 460-45322-2
Matrix: Water Lab File ID: e08707.d
Analysis Method: 8260B Date Collected: 10/01/2012 14:50
Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 12:50
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.: 130802 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/09-17-12/05oct12W.b/e08707.d
Report Date: 09-Oct-2012 10:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08707.d
Lab Smp Id: 460-45322-C-2 Client Smp ID: WG-17338-100112-MW1
Inj Date : 05-OCT-2012 12:50
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-45322-C-2
Misc Info : 460-45322-C-2
Comment :
Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/8260DE_09.m
Meth Date : 09-Oct-2012 10:54 delpolit Quant Type: ISTD
Cal Date : 05-OCT-2012 03:40 Cal File: e08685.d
Als bottle: 24
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	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
						(ug/L)	(ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.363	(0.934)	388263	54.1422	54
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1317152	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	1349	0.19937	0.20(a)
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1269537	49.3585	49
71 Tetrachloroethene	166	5.582	5.582	(0.803)	2162	0.29983	0.30(a)
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1120887	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	521876	49.2608	49
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	663342	50.0000	

QC Flag Legend

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

Data File: e08707.d

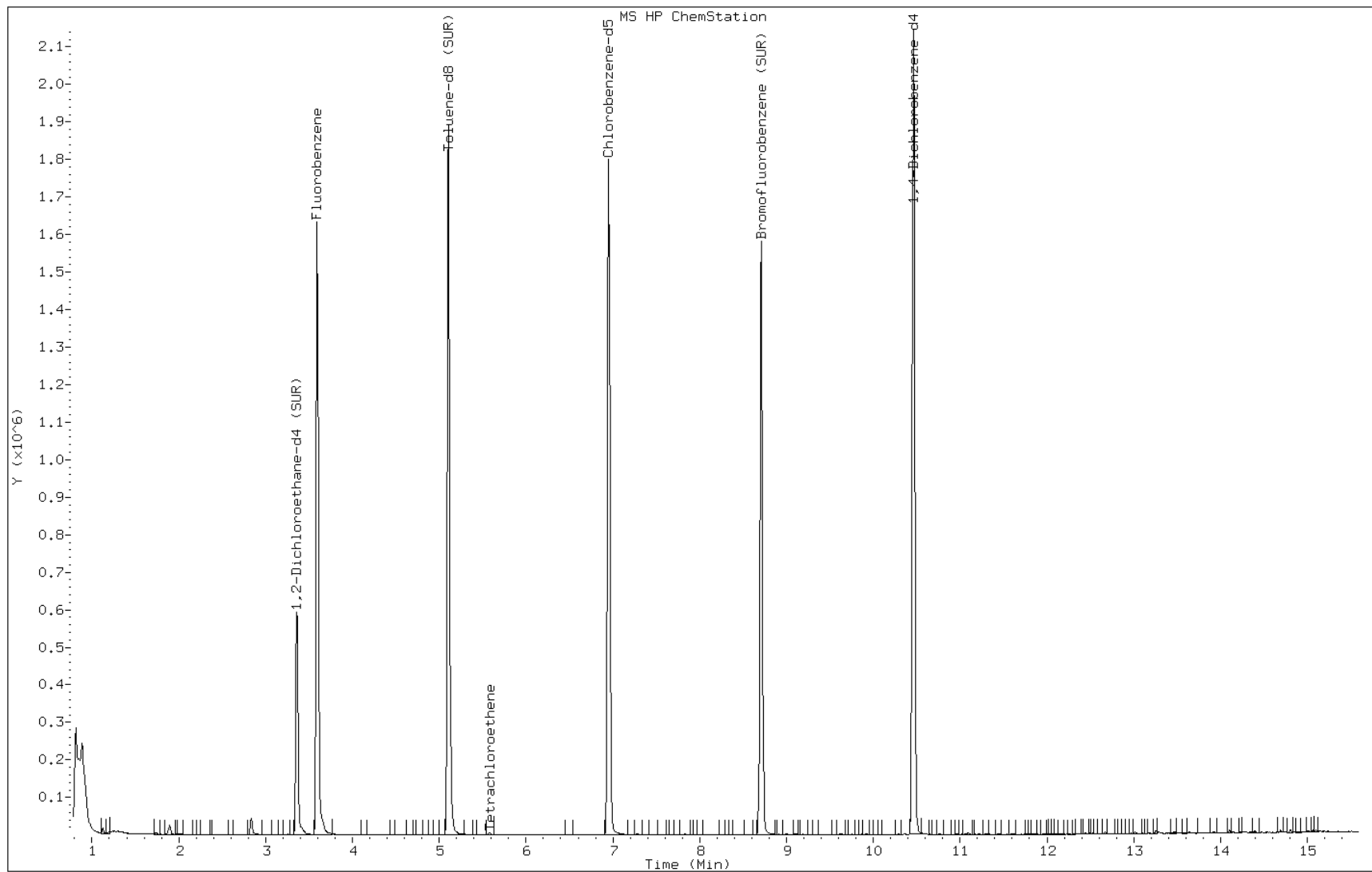
Date: 05-OCT-2012 12:50

Client ID: WG-17338-100112-MW1

Instrument: VOAMS5.i

Sample Info: 460-45322-C-2

Operator: GC/MS VOAMS5



Data File: e08707.d

Date: 05-OCT-2012 12:50

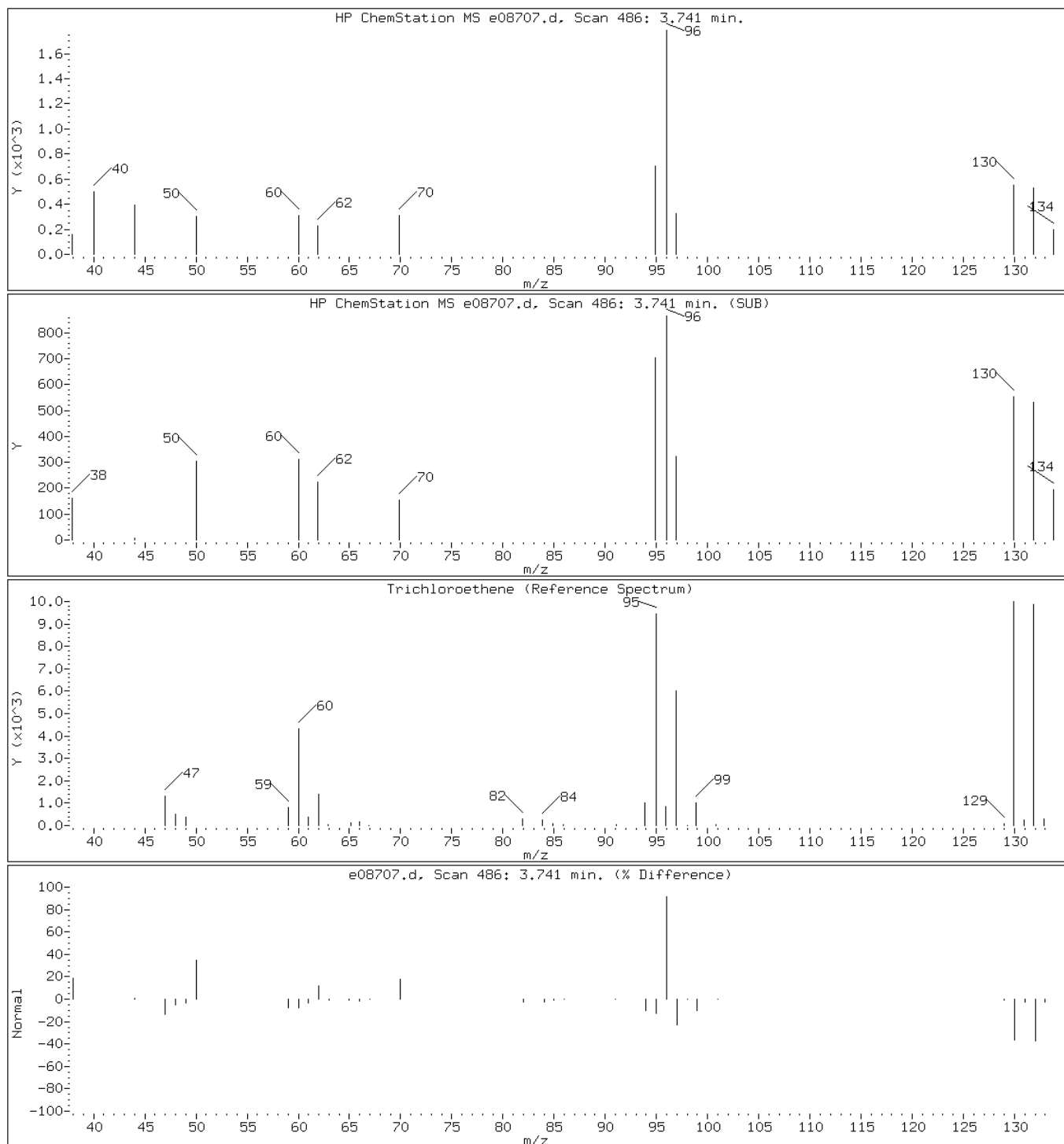
Client ID: WG-17338-100112-MW1

Instrument: VOAMS5.i

Sample Info: 460-45322-C-2

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e08707.d

Date: 05-OCT-2012 12:50

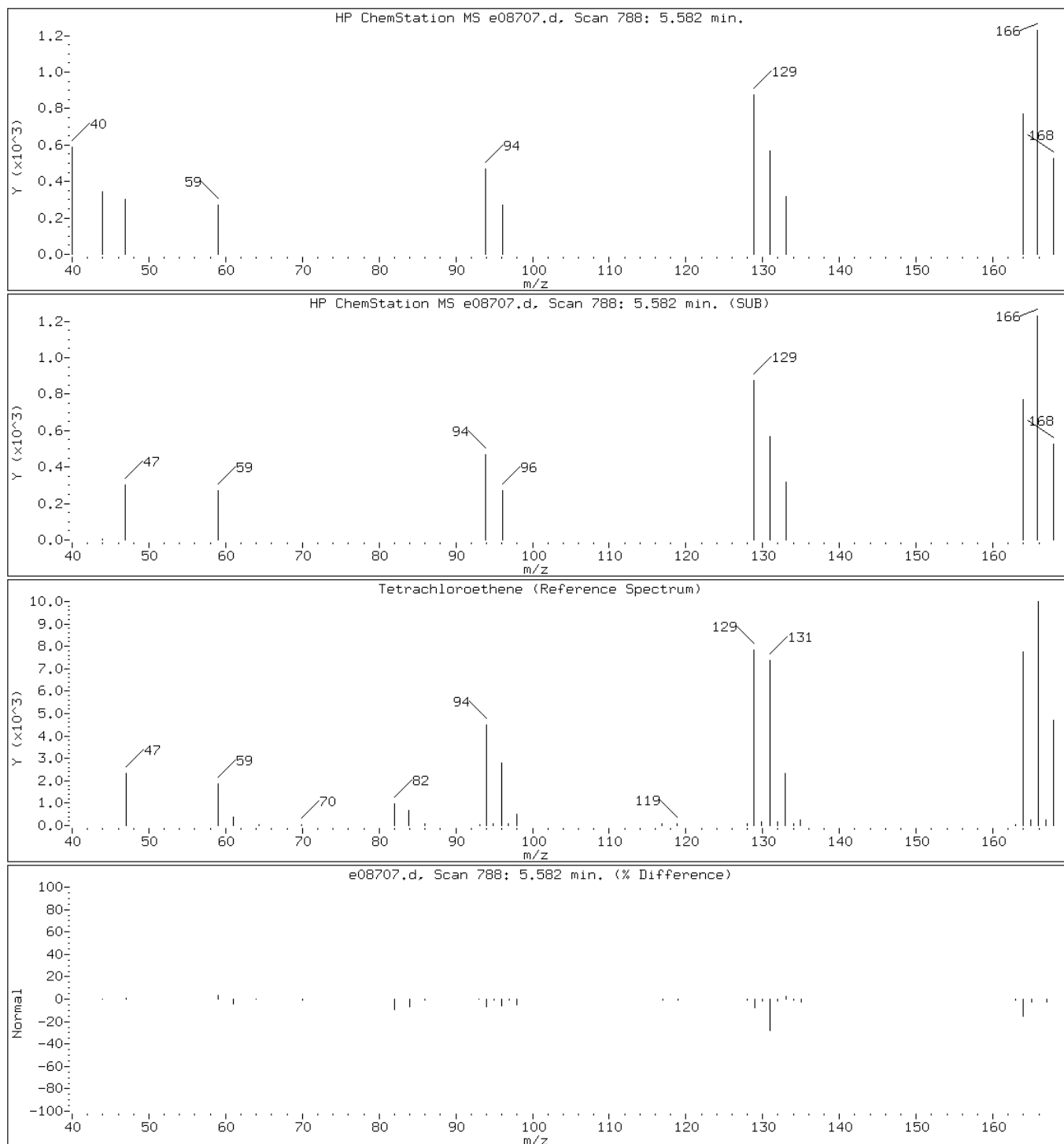
Client ID: WG-17338-100112-MW1

Instrument: VOAMS5.i

Sample Info: 460-45322-C-2

Operator: GC/MS VOAMS5

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100212-MW100-MM- Lab Sample ID: 460-45322-3
 Matrix: Water Lab File ID: e08708.d
 Analysis Method: 8260B Date Collected: 10/02/2012 10:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 13:13
 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.: 130802 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.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100212-MW100-MM- Lab Sample ID: 460-45322-3
 Matrix: Water Lab File ID: e08708.d
 Analysis Method: 8260B Date Collected: 10/02/2012 10:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 13:13
 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.: 130802 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)	107		70-130
460-00-4	4-Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Client Sample ID: WG-17338-100212-MW100-MM- Lab Sample ID: 460-45322-3
Matrix: Water Lab File ID: e08708.d
Analysis Method: 8260B Date Collected: 10/02/2012 10:55
Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 13:13
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.: 130802 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/09-17-12/05oct12W.b/e08708.d
 Report Date: 09-Oct-2012 10:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08708.d
 Lab Smp Id: 460-45322-C-3 Client Smp ID: WG-17338-100212-MW1
 Inj Date : 05-OCT-2012 13:13
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-45322-C-3
 Misc Info : 460-45322-C-3
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/8260DE_09.m
 Meth Date : 09-Oct-2012 10:54 delpolit Quant Type: ISTD
 Cal Date : 05-OCT-2012 03:40 Cal File: e08685.d
 Als bottle: 25
 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	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.363	(0.934)	380959	53.5536		54.5536
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1306579	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1259390	49.3260		49.3260
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1112661	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	521893	49.9370		50.0000
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.466	(1.000)	654380	50.0000		

Data File: e08708.d

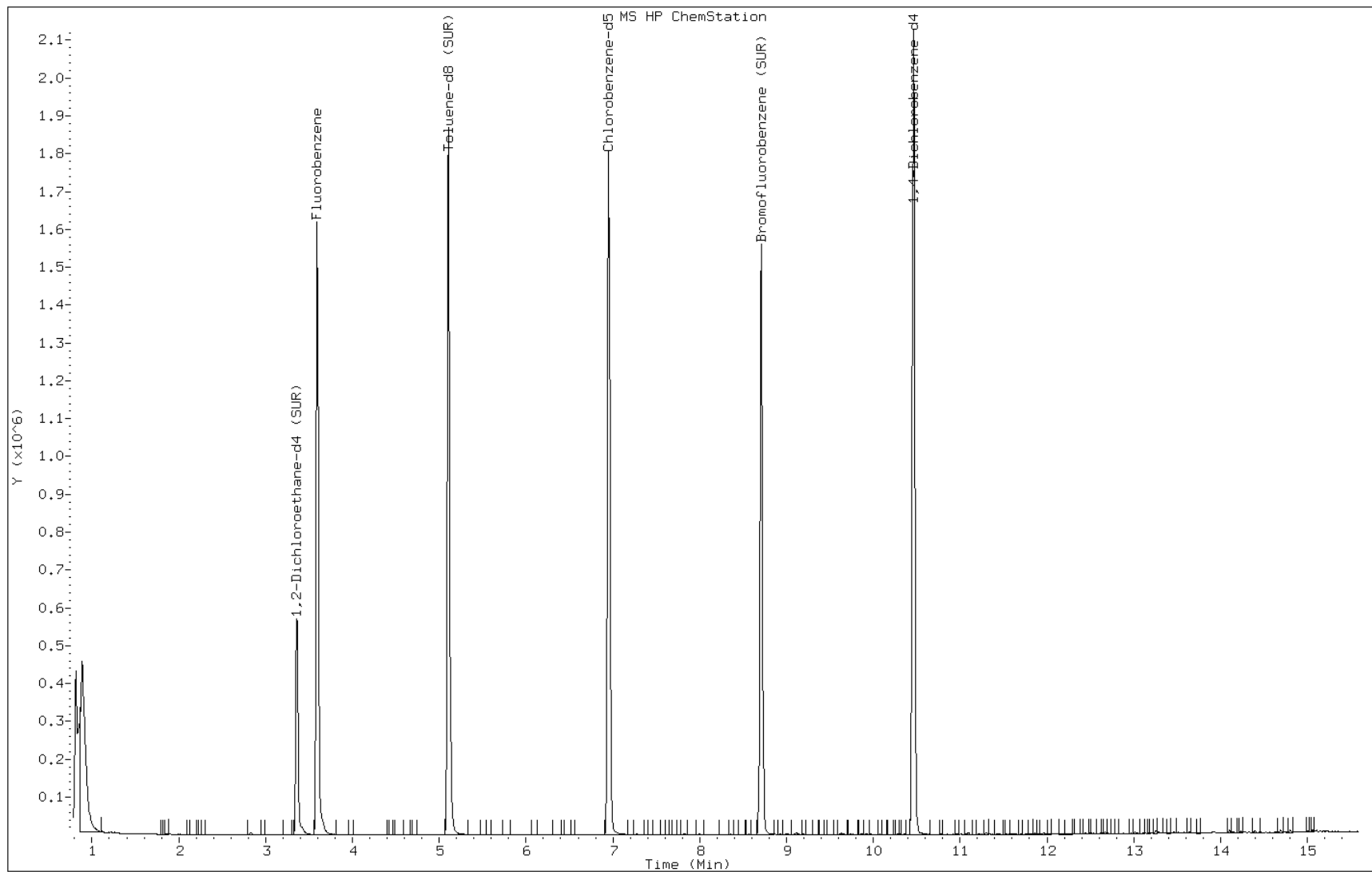
Date: 05-OCT-2012 13:13

Client ID: WG-17338-100212-MW1

Instrument: VOAMS5.i

Sample Info: 460-45322-C-3

Operator: GC/MS VOAMS5



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 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.: 460-45322-1 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.: 460-45322-1 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.: 460-45322-1 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-trifluoroethane	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.: 460-45322-1 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.: 460-45322-1 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
 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
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07839.d
 Calibration Sample, Level: 1
 Compound Sublist: HSLDEL.sub

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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	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

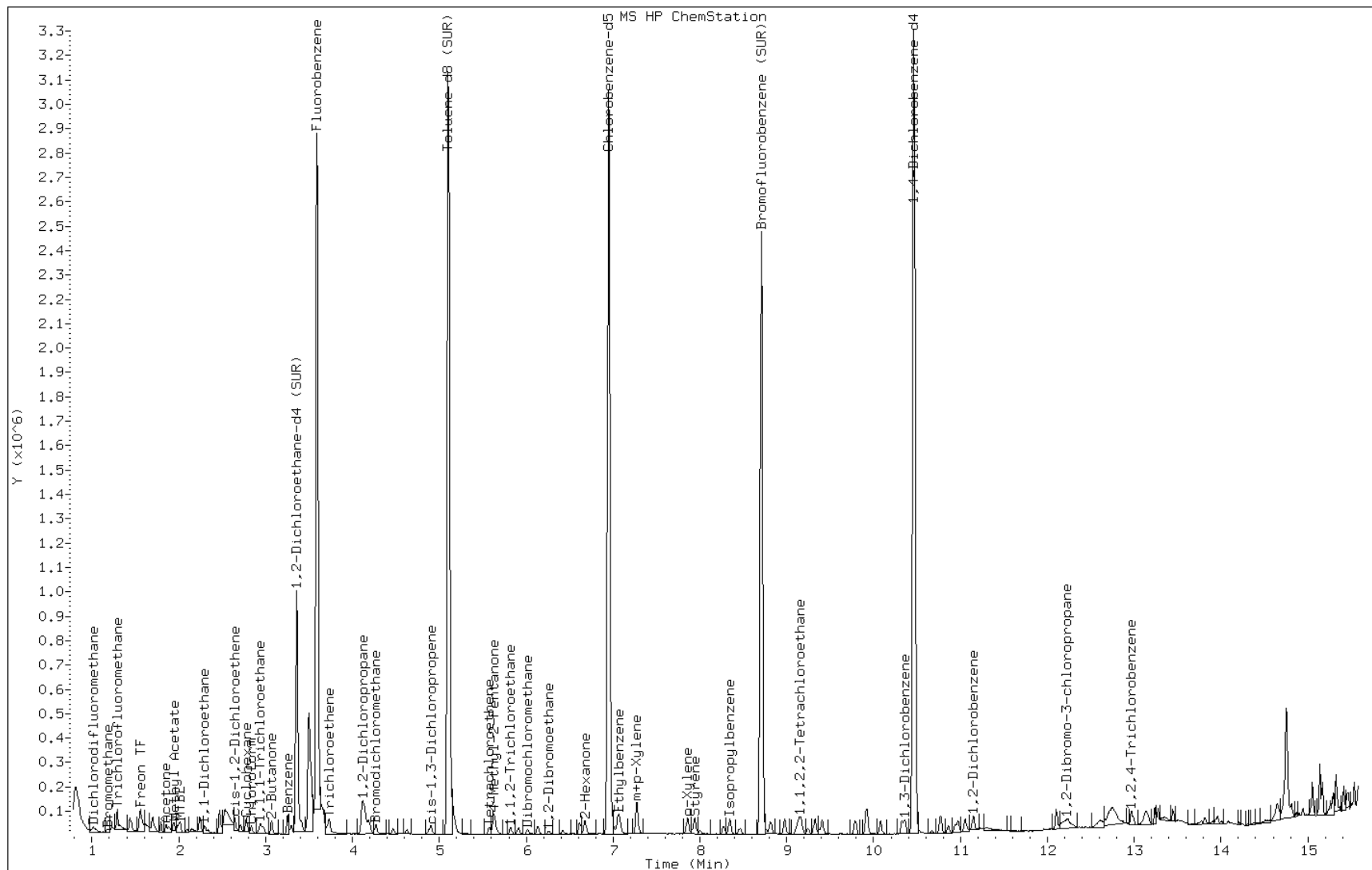
Date: 17-SEP-2012 04:49

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

TestAmerica

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
 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
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07839.d
 Calibration Sample, Level: 2
 Compound Sublist: HSLDEL.sub

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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	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

Compounds	QUANT SIG					AMOUNTS	
	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

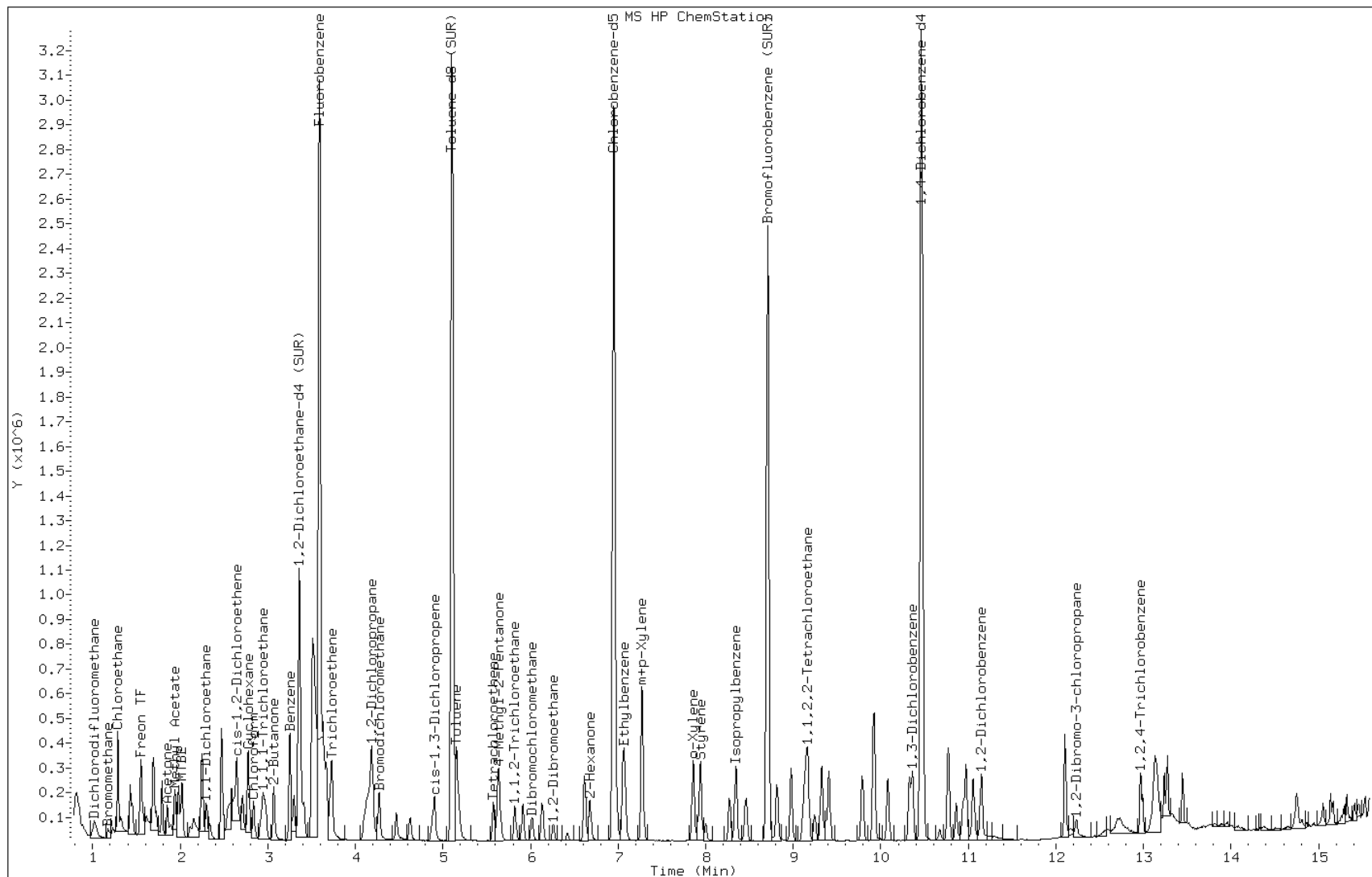
Date: 17-SEP-2012 05:36

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

TestAmerica

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
 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
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File: e07839.d

Calibration Sample, Level: 3

Compound Sublist: HSLDEL.sub

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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	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

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (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

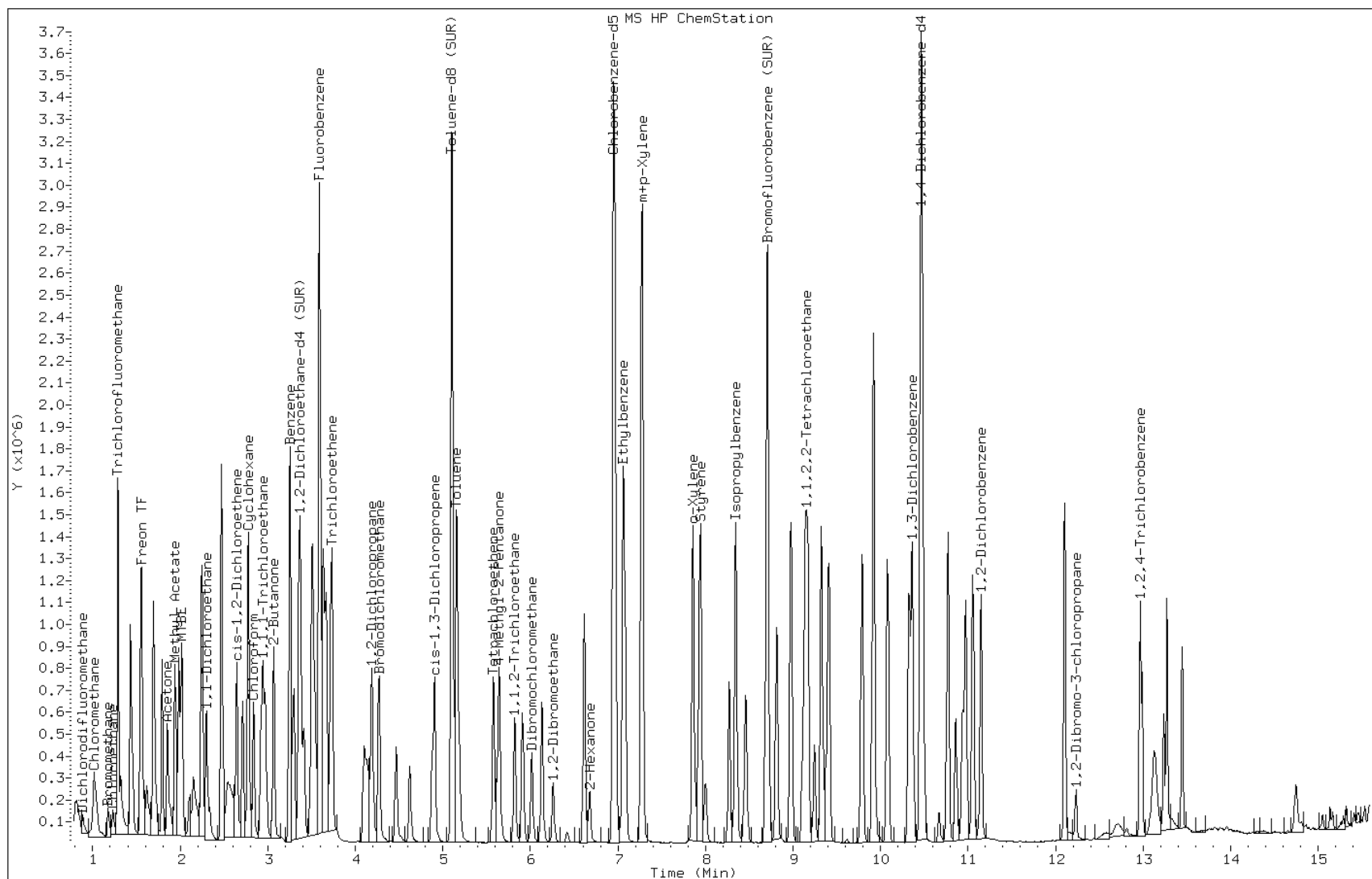
Date: 17-SEP-2012 06:00

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
 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
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07839.d
 Calibration Sample, Level: 4
 Compound Sublist: HSLDEL.sub

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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	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

Compounds	QUANT SIG					AMOUNTS	
	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

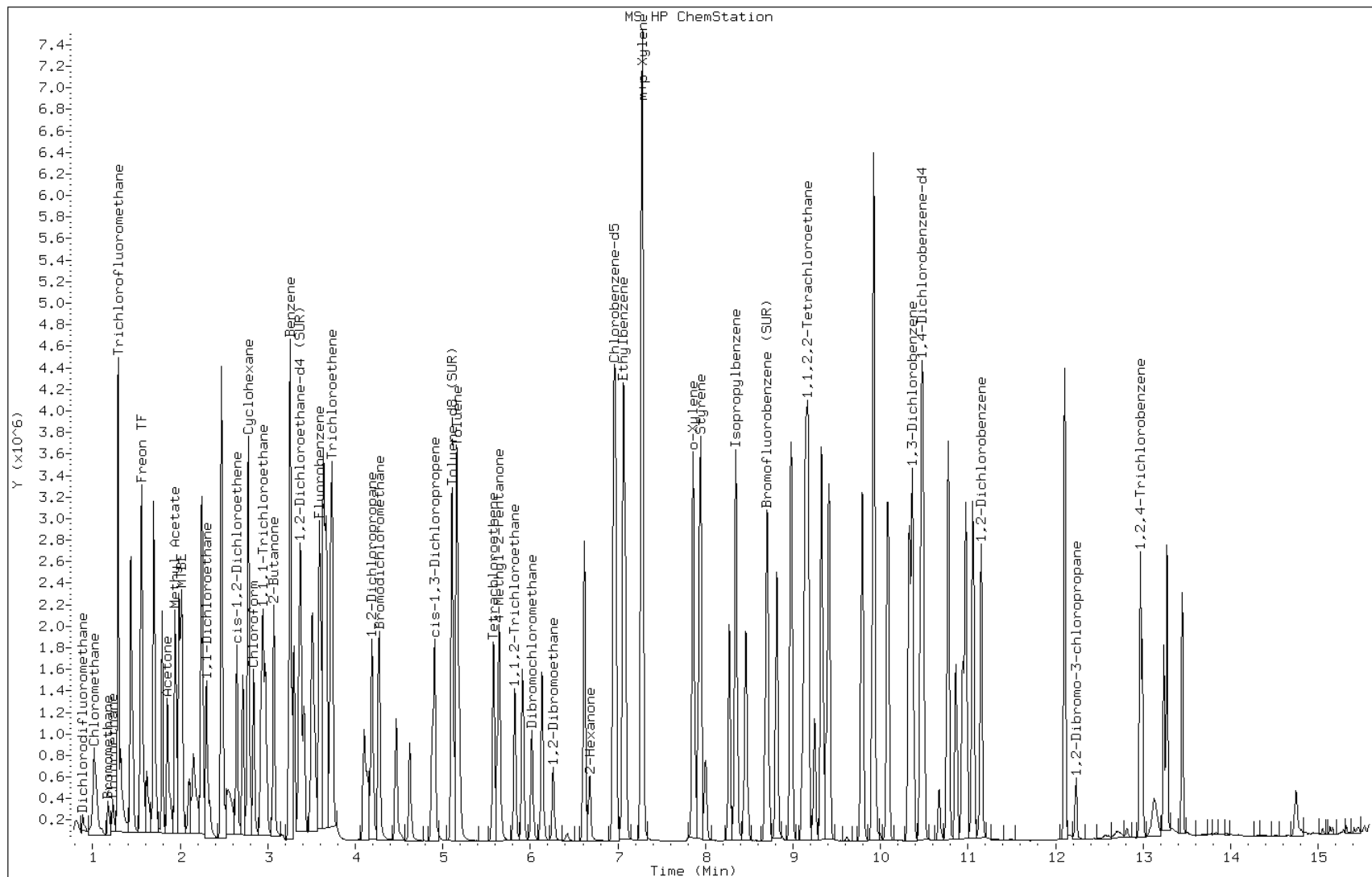
Date: 17-SEP-2012 06:23

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
 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
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07839.d
 Calibration Sample, Level: 5
 Compound Sublist: HSLDEL.sub

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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	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					AMOUNTS	
	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)	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

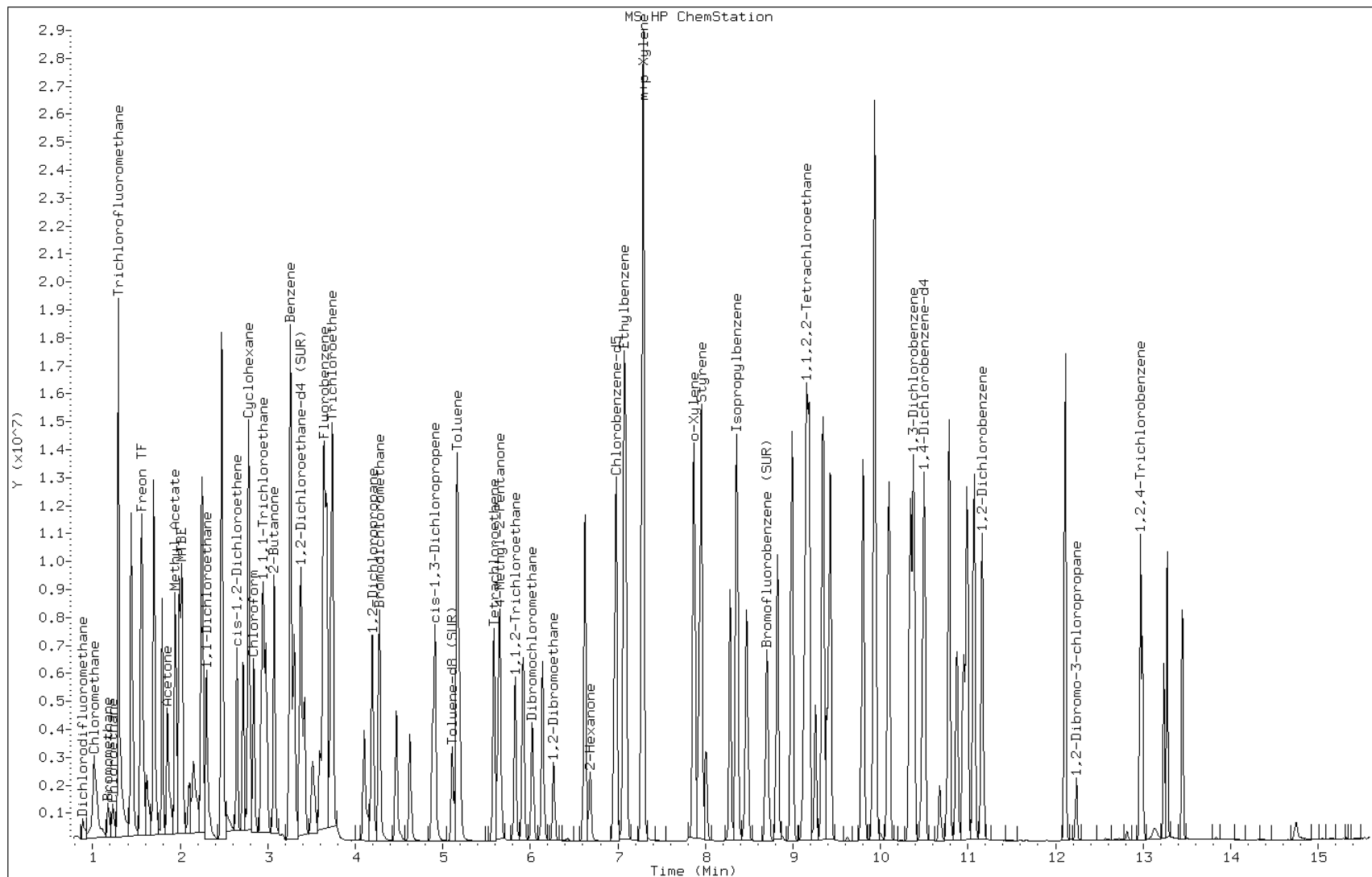
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Client ID:

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
 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
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File: e07839.d

Calibration Sample, Level: 6

Compound Sublist: HSLDEL.sub

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						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	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

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (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

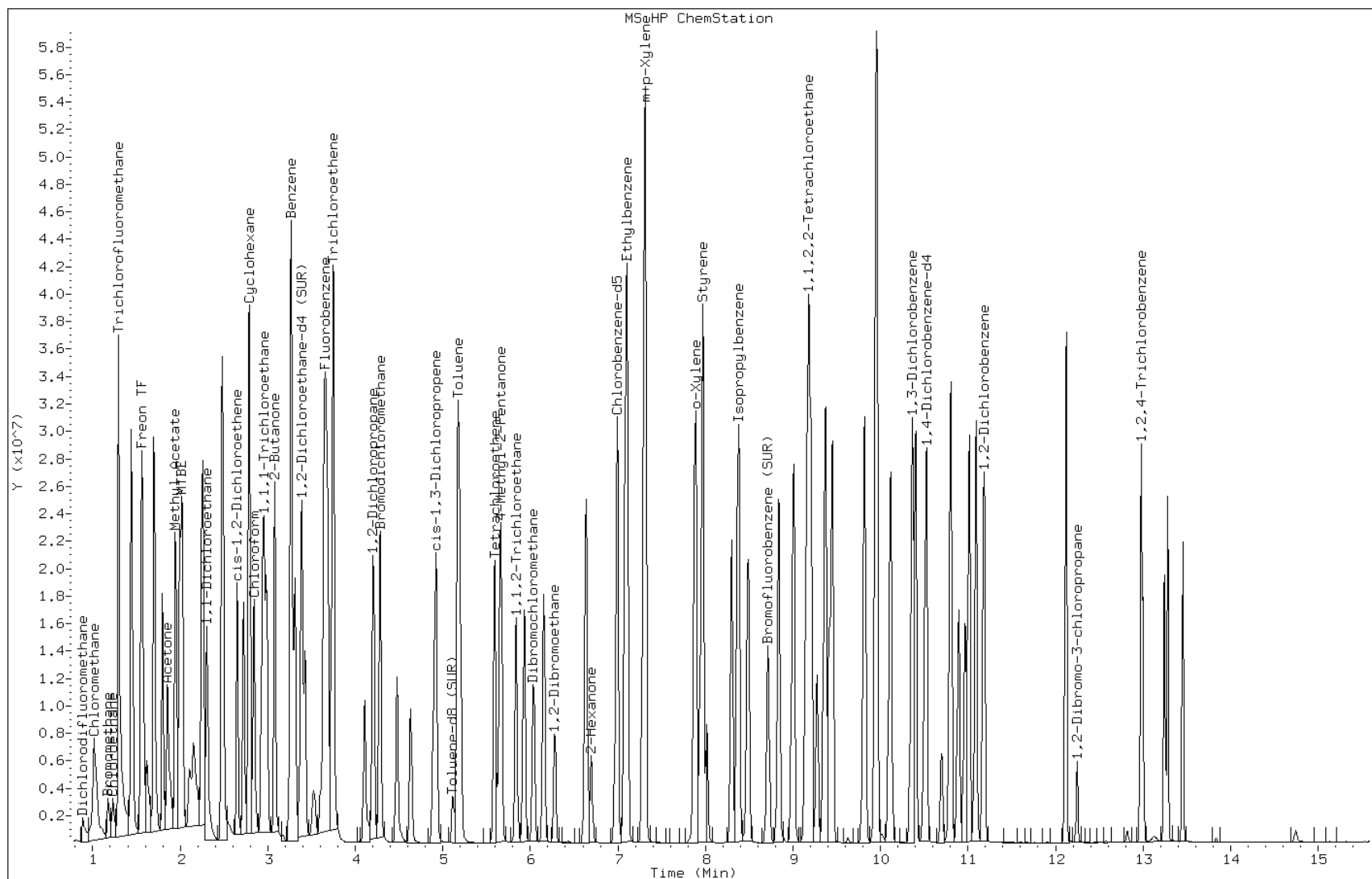
Date: 17-SEP-2012 07:10

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.: 460-45322-1

SDG No.: _____

Lab Sample ID: CCVIS 460-130802/2 Calibration Date: 10/05/2012 03:40

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: e08685.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	0.2062	0.1000	23.4	20.0	17.1	25.0
Chloromethane	Ave	0.3733	0.3913	0.1000	21.0	20.0	4.8	25.0
Vinyl chloride	Ave	0.2985	0.3074	0.1000	20.6	20.0	3.0	25.0
Bromomethane	Ave	0.1312	0.1639	0.1000	25.0	20.0	25.0	25.0
Chloroethane	Ave	0.1099	0.1314	0.1000	23.9	20.0	19.5	25.0
Trichlorofluoromethane	Ave	0.2422	0.3063	0.1000	25.3	20.0	26.5*	25.0
1,1-Dichloroethene	Ave	0.1496	0.1667	0.1000	22.3	20.0	11.4	25.0
Carbon disulfide	Ave	0.6887	0.6887	0.1000	20.0	20.0	0.0	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1691	0.2060	0.1000	24.4	20.0	21.8	25.0
Methylene Chloride	Ave	0.3576	0.3369	0.1000	18.8	20.0	-5.8	25.0
Acetone	Ave	0.0184	0.0183*	0.1000	19.9	20.0	-0.6	25.0
trans-1,2-Dichloroethene	Ave	0.2052	0.2067	0.1000	20.1	20.0	0.7	25.0
Methyl acetate	Ave	0.0426	0.0397*	0.1000	18.6	20.0	-6.9	25.0
Methyl tert-butyl ether	Ave	0.6838	0.6715	0.1000	19.6	20.0	-1.8	25.0
1,1-Dichloroethane	Ave	0.4582	0.4322	0.1000	18.9	20.0	-5.7	25.0
cis-1,2-Dichloroethene	Ave	0.2361	0.2315	0.1000	19.6	20.0	-2.0	25.0
Cyclohexane	Ave	0.4145	0.3970	0.1000	19.2	20.0	-4.2	25.0
Chloroform	Ave	0.3982	0.4180	0.1000	21.0	20.0	5.0	25.0
Carbon tetrachloride	Ave	0.2705	0.2911	0.1000	21.5	20.0	7.6	25.0
1,1,1-Trichloroethane	Ave	0.3375	0.3638	0.1000	21.6	20.0	7.8	25.0
2-Butanone (MEK)	Ave	0.0341	0.0381*	0.1000	22.3	20.0	11.7	25.0
Benzene	Ave	1.190	1.134	0.1000	19.1	20.0	-4.7	25.0
1,2-Dichloroethane	Ave	0.3284	0.3493	0.1000	21.3	20.0	6.4	25.0
Methylcyclohexane	Ave	0.3325	0.3501	0.1000	21.1	20.0	5.3	25.0
Trichloroethene	Ave	0.2385	0.2431	0.1000	20.4	20.0	1.9	25.0
1,2-Dichloropropane	Ave	0.2756	0.2569	0.1000	18.6	20.0	-6.8	25.0
Dichlorobromomethane	Ave	0.3195	0.3125	0.1000	19.6	20.0	-2.2	25.0
cis-1,3-Dichloropropene	Ave	0.5308	0.4841	0.1000	18.2	20.0	-8.8	25.0
Toluene	Ave	1.323	1.325	0.1000	20.0	20.0	0.2	25.0
Tetrachloroethene	Ave	0.3113	0.3337	0.1000	21.4	20.0	7.2	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3593	0.2958	0.1000	16.5	20.0	-17.7	25.0
trans-1,3-Dichloropropene	Ave	0.4819	0.4458	0.1000	18.5	20.0	-7.5	25.0
1,1,2-Trichloroethane	Ave	0.2264	0.2071	0.1000	18.3	20.0	-8.5	25.0
Chlorodibromomethane	Ave	0.3083	0.2930	0.1000	19.0	20.0	-5.0	25.0
1,2-Dibromoethane	Ave	0.2670	0.2557	0.1000	19.2	20.0	-4.2	25.0
2-Hexanone	Ave	0.2668	0.2280	0.1000	17.1	20.0	-14.5	25.0
Chlorobenzene	Ave	0.8882	0.9089	0.1000	20.5	20.0	2.3	25.0
Ethylbenzene	Ave	0.4756	0.4786	0.1000	20.1	20.0	0.6	25.0
m-Xylene & p-Xylene	Ave	0.5917	0.6268	0.1000	42.4	40.0	5.9	25.0
o-Xylene	Ave	0.5886	0.6124	0.1000	20.8	20.0	4.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-130802/2 Calibration Date: 10/05/2012 03:40
 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: e08685.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	0.2121	0.1000	19.8	20.0	-1.2	25.0
Styrene	Ave	1.000	1.037	0.1000	20.7	20.0	3.7	25.0
Isopropylbenzene	Ave	1.415	1.533	0.1000	21.7	20.0	8.3	25.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.5649	0.1000	17.5	20.0	-12.6	25.0
1,3-Dichlorobenzene	Ave	1.279	1.325	0.1000	20.7	20.0	3.6	25.0
1,4-Dichlorobenzene	Ave	1.326	1.372	0.1000	20.7	20.0	3.5	25.0
1,2-Dichlorobenzene	Ave	1.209	1.282	0.1000	21.2	20.0	6.0	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1130	0.1026	0.1000	18.2	20.0	-9.2	25.0
1,2,4-Trichlorobenzene	Ave	0.6118	0.7226	0.1000	23.6	20.0	18.1	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.2825	0.1000	53.5	50.0	7.1	25.0
Toluene-d8 (Surr)	Ave	1.167	1.127	0.1000	48.3	50.0	-3.5	25.0
4-Bromofluorobenzene	Ave	0.8079	0.7827	0.1000	48.4	50.0	-3.1	25.0

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08685.d
 Report Date: 09-Oct-2012 10:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08685.d
 Lab Smp Id: CCVIS
 Inj Date : 05-OCT-2012 03:40
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/8260DE_09.m
 Meth Date : 09-Oct-2012 10:54 delpolit Quant Type: ISTD
 Cal Date : 05-OCT-2012 03:40 Cal File: e08685.d
 Als bottle: 2 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

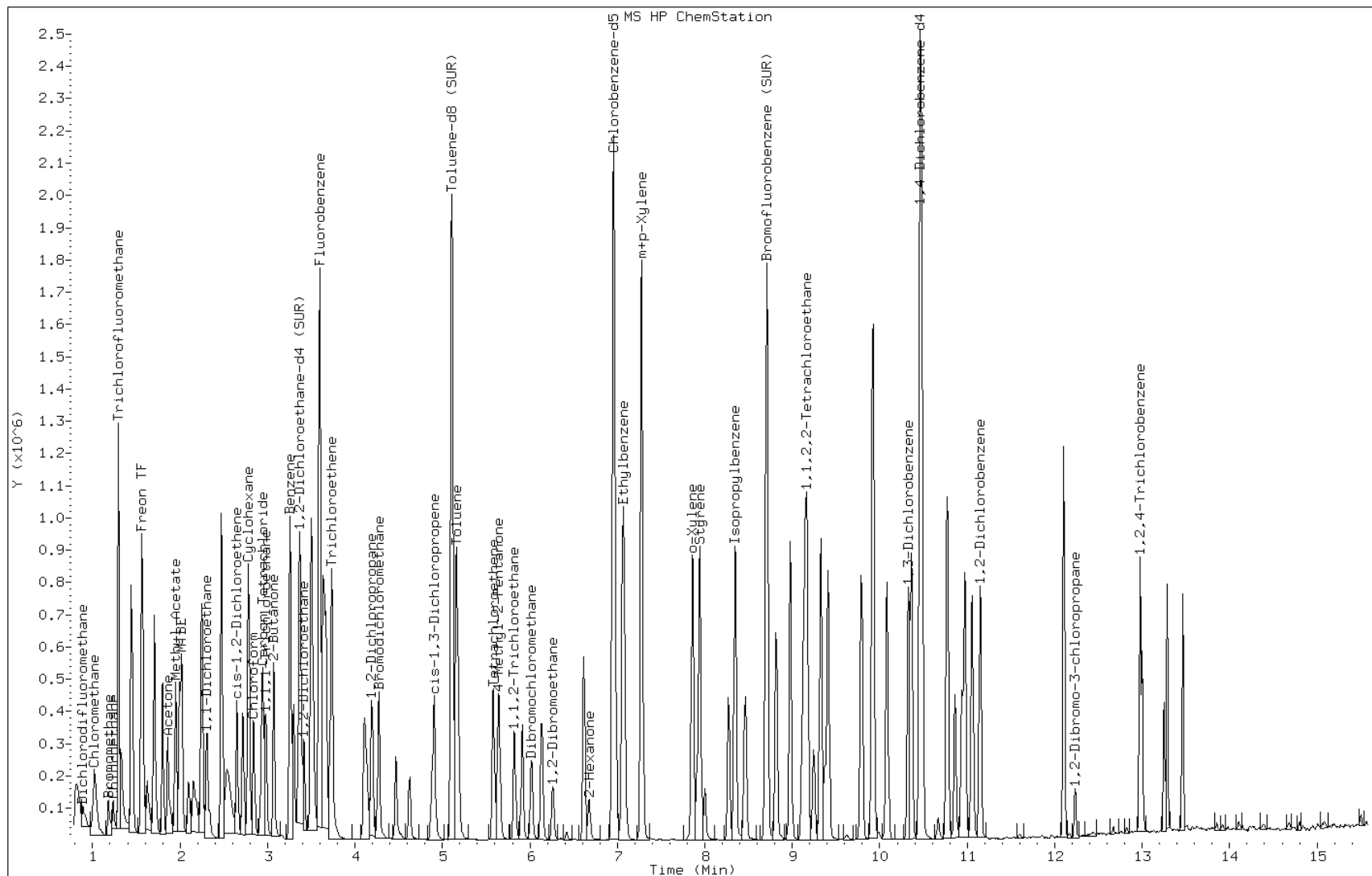
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	115936	20.0000	23
3 Chloromethane	50	1.010	1.010	(0.281)	219992	20.0000	21
4 Vinyl Chloride	62	1.022	1.022	(0.284)	172825	20.0000	20
6 Bromomethane	94	1.181	1.181	(0.328)	92167	20.0000	25
5 Chloroethane	64	1.236	1.236	(0.344)	73872	20.0000	24
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	172206	20.0000	25
14 Freon TF	101	1.571	1.571	(0.437)	115805	20.0000	24
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	93702	20.0000	22
16 Acetone	58	1.894	1.894	(0.527)	10273	20.0000	20
18 Carbon Disulfide	76	1.565	1.565	(0.435)	387231	20.0000	20
27 Methyl Acetate	74	1.961	1.961	(0.546)	22317	20.0000	19
22 Methylene Chloride	49	1.858	1.858	(0.517)	189444	20.0000	19
28 MTBE	73	2.016	2.016	(0.561)	377538	20.0000	20
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	116196	20.0000	20
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	243012	20.0000	19
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	130142	20.0000	20

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08685.d
 Report Date: 09-Oct-2012 10:54

Compounds	QUANT SIG					AMOUNTS	
	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)	21392	20.0000	22
42 Chloroform	83	2.839	2.839	(0.790)	235013	20.0000	21
44 Cyclohexane	56	2.784	2.784	(0.774)	223230	20.0000	19
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	204519	20.0000	22
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	163678	20.0000	22
48 Benzene	78	3.260	3.260	(0.469)	547976	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	397133	50.0000	54
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	196409	20.0000	21
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1405617	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	136652	20.0000	20
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	196821	20.0000	21
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	144450	20.0000	19
68 Bromodichloromethane	83	4.272	4.272	(1.188)	175716	20.0000	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	233976	20.0000	18
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	142976	20.0000	16
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1361707	50.0000	48
66 Toluene	91	5.162	5.162	(0.742)	640587	20.0000	20
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	215503	20.0000	18
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	100113	20.0000	18
71 Tetrachloroethene	166	5.582	5.582	(0.803)	161274	20.0000	21
73 2-Hexanone	43	6.680	6.680	(0.961)	110215	20.0000	17
74 Dibromochloromethane	129	6.015	6.015	(0.865)	141647	20.0000	19
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	123612	20.0000	19
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1208409	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	439338	20.0000	20
81 Ethylbenzene	106	7.064	7.064	(1.016)	231334	20.0000	20
82 m+p-Xylene	106	7.277	7.277	(1.046)	605960	40.0000	42
84 o-Xylene	106	7.863	7.863	(1.131)	295989	20.0000	21
85 Styrene	104	7.942	7.942	(1.142)	501092	20.0000	21
86 Bromoform	173	7.911	7.911	(1.138)	102540	20.0000	20
88 Isopropylbenzene	105	8.344	8.344	(1.200)	740792	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	571857	50.0000	48
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	165094	20.0000	17
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	387079	20.0000	21
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	730600	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	400904	20.0000	21
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	374636	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	29992	20.0000	18
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	211182	20.0000	24
M 120 1,2-Dichloroethene (Total)	100				246338	40.0000	40
M 121 Xylene (Total)	100				901949	60.0000	63

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45322-1

SDG No.: _____

Lab Sample ID: CCV 460-130802/10 Calibration Date: 10/05/2012 15:10

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: e08713.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	0.1907	0.1000	21.6	20.0	8.2	25.0
Chloromethane	Ave	0.3733	0.3670	0.1000	19.7	20.0	-1.7	25.0
Vinyl chloride	Ave	0.2985	0.2980	0.1000	20.0	20.0	-0.2	25.0
Bromomethane	Ave	0.1312	0.1700	0.1000	25.9	20.0	29.6*	25.0
Chloroethane	Ave	0.1099	0.1657	0.1000	30.1	20.0	50.7*	25.0
Trichlorofluoromethane	Ave	0.2422	0.2846	0.1000	23.5	20.0	17.5	25.0
1,1-Dichloroethene	Ave	0.1496	0.1700	0.1000	22.7	20.0	13.6	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1691	0.1784	0.1000	21.1	20.0	5.5	25.0
Carbon disulfide	Ave	0.6887	0.6846	0.1000	19.9	20.0	-0.6	25.0
Methylene Chloride	Ave	0.3576	0.3522	0.1000	19.7	20.0	-1.5	25.0
Acetone	Ave	0.0184	0.0193*	0.1000	21.0	20.0	4.8	25.0
trans-1,2-Dichloroethene	Ave	0.2052	0.2080	0.1000	20.3	20.0	1.3	25.0
Methyl acetate	Ave	0.0426	0.0446*	0.1000	20.9	20.0	4.7	25.0
Methyl tert-butyl ether	Ave	0.6838	0.7130	0.1000	20.9	20.0	4.3	25.0
1,1-Dichloroethane	Ave	0.4582	0.4461	0.1000	19.5	20.0	-2.6	25.0
cis-1,2-Dichloroethene	Ave	0.2361	0.2405	0.1000	20.4	20.0	1.9	25.0
Cyclohexane	Ave	0.4145	0.3383	0.1000	16.3	20.0	-18.4	25.0
Chloroform	Ave	0.3982	0.4117	0.1000	20.7	20.0	3.4	25.0
Carbon tetrachloride	Ave	0.2705	0.2818	0.1000	20.8	20.0	4.2	25.0
1,1,1-Trichloroethane	Ave	0.3375	0.3404	0.1000	20.2	20.0	0.9	25.0
2-Butanone (MEK)	Ave	0.0341	0.0377*	0.1000	22.1	20.0	10.7	25.0
Benzene	Ave	1.190	1.189	0.1000	20.0	20.0	-0.0	25.0
1,2-Dichloroethane	Ave	0.3284	0.3558	0.1000	21.7	20.0	8.3	25.0
Methylcyclohexane	Ave	0.3325	0.2961	0.1000	17.8	20.0	-11.0	25.0
Trichloroethene	Ave	0.2385	0.2569	0.1000	21.5	20.0	7.7	25.0
1,2-Dichloropropane	Ave	0.2756	0.2647	0.1000	19.2	20.0	-4.0	25.0
Dichlorobromomethane	Ave	0.3195	0.3319	0.1000	20.8	20.0	3.9	25.0
cis-1,3-Dichloropropene	Ave	0.5308	0.5026	0.1000	18.9	20.0	-5.3	25.0
Toluene	Ave	1.323	1.334	0.1000	20.2	20.0	0.8	25.0
Tetrachloroethene	Ave	0.3113	0.3217	0.1000	20.7	20.0	3.3	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3593	0.2936	0.1000	16.3	20.0	-18.3	25.0
trans-1,3-Dichloropropene	Ave	0.4819	0.4626	0.1000	19.2	20.0	-4.0	25.0
1,1,2-Trichloroethane	Ave	0.2264	0.2141	0.1000	18.9	20.0	-5.4	25.0
Chlorodibromomethane	Ave	0.3083	0.3097	0.1000	20.1	20.0	0.4	25.0
1,2-Dibromoethane	Ave	0.2670	0.2667	0.1000	20.0	20.0	-0.1	25.0
2-Hexanone	Ave	0.2668	0.2221	0.1000	16.7	20.0	-16.7	25.0
Chlorobenzene	Ave	0.8882	0.9191	0.1000	20.7	20.0	3.5	25.0
Ethylbenzene	Ave	0.4756	0.4697	0.1000	19.8	20.0	-1.2	25.0
m-Xylene & p-Xylene	Ave	0.5917	0.5952	0.1000	40.2	40.0	0.6	25.0
o-Xylene	Ave	0.5886	0.5952	0.1000	20.2	20.0	1.1	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCV 460-130802/10 Calibration Date: 10/05/2012 15:10
 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: e08713.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	0.2151	0.1000	20.0	20.0	0.2	25.0
Styrene	Ave	1.000	1.025	0.1000	20.5	20.0	2.5	25.0
Isopropylbenzene	Ave	1.415	1.428	0.1000	20.2	20.0	1.0	25.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.5358	0.1000	16.6	20.0	-17.1	25.0
1,3-Dichlorobenzene	Ave	1.279	1.307	0.1000	20.4	20.0	2.2	25.0
1,4-Dichlorobenzene	Ave	1.326	1.363	0.1000	20.6	20.0	2.8	25.0
1,2-Dichlorobenzene	Ave	1.209	1.265	0.1000	20.9	20.0	4.7	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1130	0.0984*	0.1000	17.4	20.0	-12.9	25.0
1,2,4-Trichlorobenzene	Ave	0.6118	0.7204	0.1000	23.5	20.0	17.7	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.2722	0.1000	51.6	50.0	3.2	25.0
Toluene-d8 (Surr)	Ave	1.167	1.147	0.1000	49.1	50.0	-1.7	25.0
4-Bromofluorobenzene	Ave	0.8079	0.7985	0.1000	49.4	50.0	-1.2	25.0

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12wa.b/e08713.d
 Report Date: 09-Oct-2012 10:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12wa.b/e08713.d
 Lab Smp Id: CCV
 Inj Date : 05-OCT-2012 15:10
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12wa.b/8260DE_09.m
 Meth Date : 09-Oct-2012 10:54 delpolit Quant Type: ISTD
 Cal Date : 05-OCT-2012 15:10 Cal File: e08713.d
 Als bottle: 30 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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	106491	20.0000	22
3 Chloromethane	50	1.010	1.010	(0.281)	204984	20.0000	20
4 Vinyl Chloride	62	1.022	1.022	(0.284)	166434	20.0000	20
6 Bromomethane	94	1.175	1.175	(0.327)	94932	20.0000	26
5 Chloroethane	64	1.230	1.230	(0.342)	92546	20.0000	30
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	158927	20.0000	24
14 Freon TF	101	1.565	1.565	(0.435)	99652	20.0000	21
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	94923	20.0000	23
16 Acetone	58	1.888	1.888	(0.525)	10762	20.0000	21
18 Carbon Disulfide	76	1.565	1.565	(0.435)	382340	20.0000	20
27 Methyl Acetate	74	1.961	1.961	(0.546)	24934	20.0000	21
22 Methylene Chloride	49	1.858	1.858	(0.517)	196690	20.0000	20
28 MTBE	73	2.016	2.016	(0.561)	398229	20.0000	21
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	116145	20.0000	20
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	249168	20.0000	19
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	134329	20.0000	20

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12wa.b/e08713.d
 Report Date: 09-Oct-2012 10:54

Compounds	QUANT SIG					AMOUNTS	
	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)	21061	20.0000	22
42 Chloroform	83	2.839	2.839	(0.790)	229935	20.0000	21
44 Cyclohexane	56	2.784	2.784	(0.774)	188924	20.0000	16
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	190110	20.0000	20
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	157400	20.0000	21
48 Benzene	78	3.260	3.260	(0.469)	552616	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	380108	50.0000	52
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	198693	20.0000	22
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1396314	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	143461	20.0000	22
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	165351	20.0000	18
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	147822	20.0000	19
68 Bromodichloromethane	83	4.272	4.272	(1.188)	185367	20.0000	21
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	233643	20.0000	19
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	136486	20.0000	16
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1333312	50.0000	49
66 Toluene	91	5.162	5.162	(0.742)	620010	20.0000	20
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	215038	20.0000	19
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	99506	20.0000	19
71 Tetrachloroethene	166	5.582	5.582	(0.803)	149516	20.0000	21
73 2-Hexanone	43	6.674	6.674	(0.960)	103253	20.0000	17
74 Dibromochloromethane	129	6.015	6.015	(0.865)	143961	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	123969	20.0000	20
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1162092	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	427226	20.0000	21
81 Ethylbenzene	106	7.064	7.064	(1.016)	218322	20.0000	20
82 m+p-Xylene	106	7.277	7.277	(1.046)	553383	40.0000	40
84 o-Xylene	106	7.856	7.856	(1.130)	276661	20.0000	20
85 Styrene	104	7.942	7.942	(1.142)	476385	20.0000	20
86 Bromoform	173	7.911	7.911	(1.138)	99967	20.0000	20
88 Isopropylbenzene	105	8.350	8.350	(1.201)	663903	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	536246	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	143932	20.0000	16
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	350989	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	671530	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	365984	20.0000	20
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	339912	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	26443	20.0000	17
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	193501	20.0000	24
M 120 1,2-Dichloroethene (Total)	100				250474	40.0000	41
M 121 Xylene (Total)	100				830044	60.0000	60

Data File: e08713.d

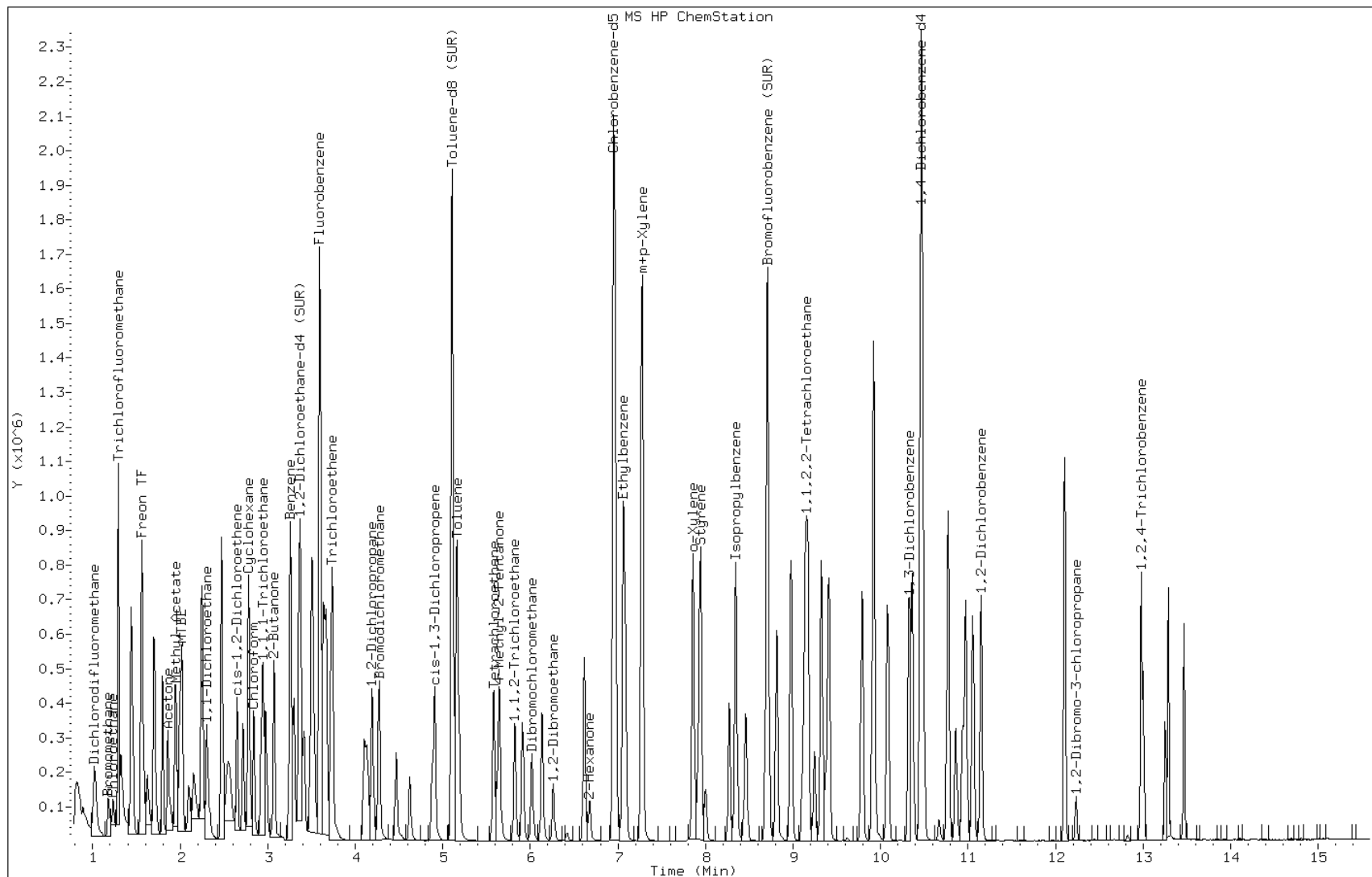
Date: 05-OCT-2012 15:10

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

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
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

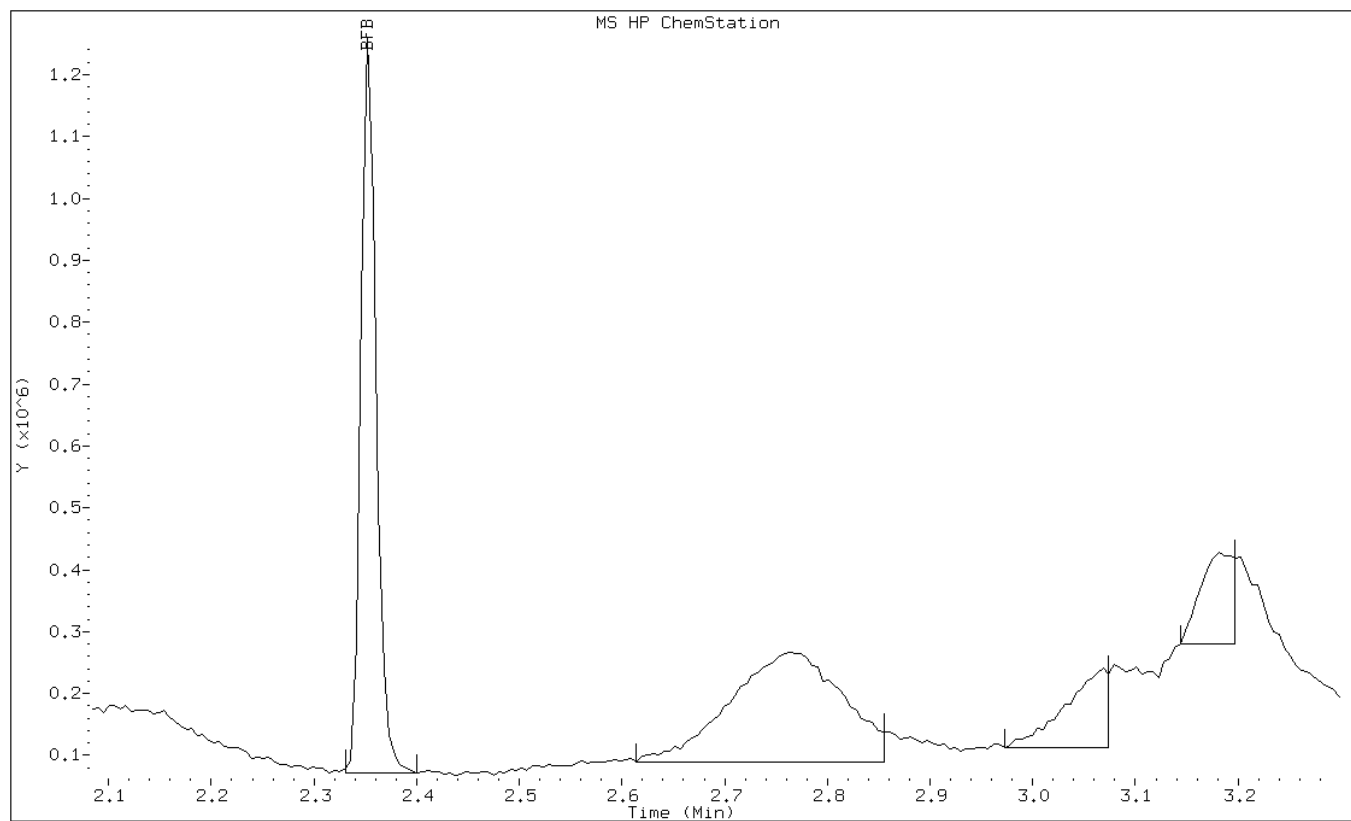
Date: 17-SEP-2012 03:24

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e07834.d

Date: 17-SEP-2012 03:24

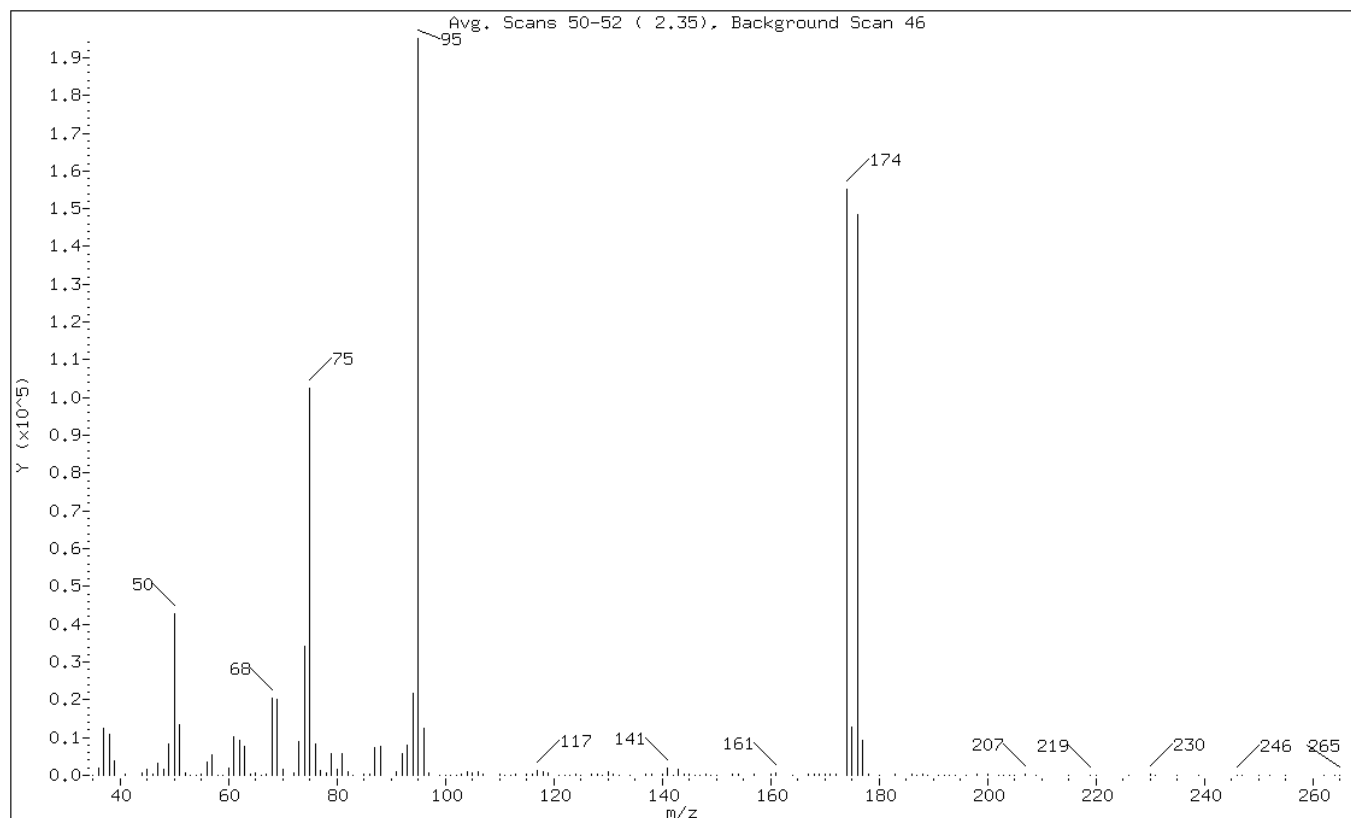
Client ID:

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/09-17-12/05oct12W.b/e08683.d
 Report Date: 05-Oct-2012 18:54

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08683.d
 Lab Smp Id: BFB
 Inj Date : 05-OCT-2012 02:49
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/BFBDEL.m
 Meth Date : 27-Feb-2012 15:08 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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

CONCENTRATIONS							
		ON-COL		FINAL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
1 BFB						CAS #: 460-00-4	
2.352	2.600 (0.000)	95	127576			0.00- 100.00	100.00
2.352	2.600 (0.000)	50	33288			15.00- 40.00	26.09
2.352	2.600 (0.000)	75	74536			30.00- 60.00	58.42
2.352	2.600 (0.000)	96	9196			5.00- 9.00	7.21
2.352	2.600 (0.000)	173	0			0.00- 2.00	0.00
2.352	2.600 (0.000)	174	79320			50.00- 100.00	62.17
2.352	2.600 (0.000)	175	6195			5.00- 9.00	7.81
2.352	2.600 (0.000)	176	79632			95.00- 101.00	100.39
2.352	2.600 (0.000)	177	6155			5.00- 9.00	7.73

Data File: e08683.d

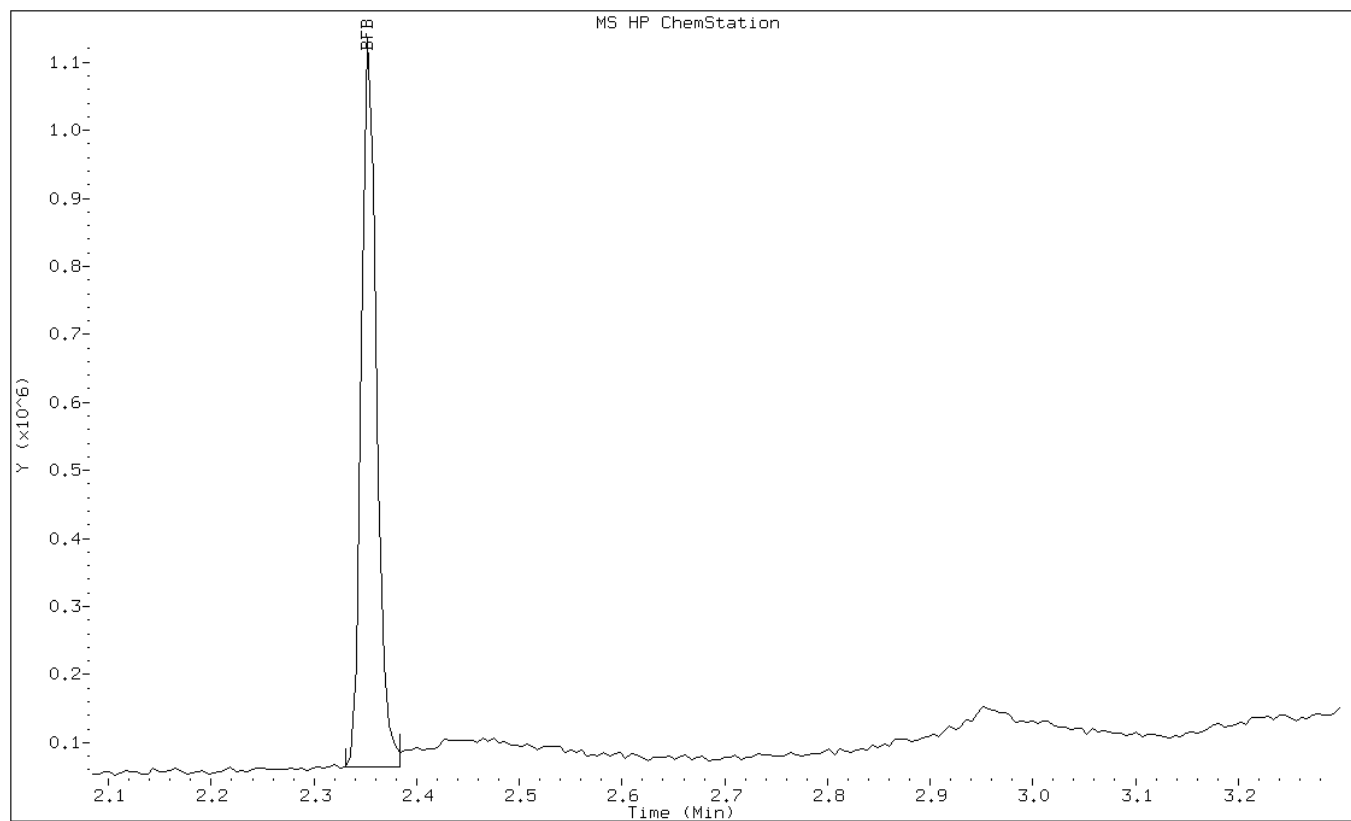
Date: 05-OCT-2012 02:49

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e08683.d

Date: 05-OCT-2012 02:49

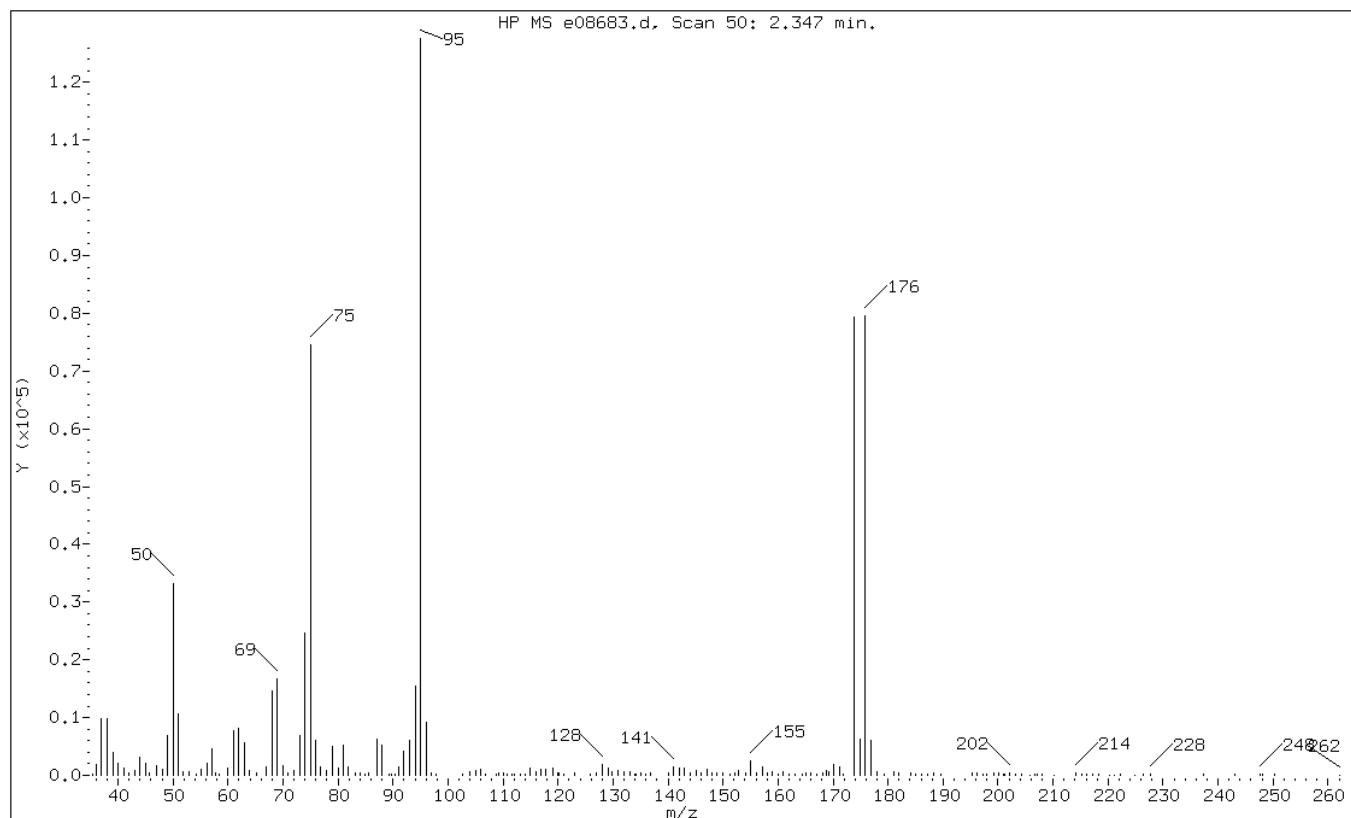
Client ID:

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	26.09
75	30.00 - 60.00% of mass 95	58.42
96	5.00 - 9.00% of mass 95	7.21
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	62.17
175	5.00 - 9.00% of mass 174	4.86 (7.81)
176	95.00 - 101.00% of mass 174	62.42 (100.39)
177	5.00 - 9.00% of mass 176	4.82 (7.73)

Data File: e08683.d

Date: 05-OCT-2012 02:49

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08683.d

Spectrum: HP MS e08683.d, Scan 50: 2.347 min.

Location of Maximum: 95.00

Number of points: 180

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.40	216	81.90	1559	132.00	601	179.40	162
36.10	1935	83.10	517	133.10	622	181.00	634
37.00	9805	84.00	447	133.90	255	181.90	424
38.00	9858	84.90	287	134.20	256	184.10	339
39.10	3935	85.50	355	135.00	350	185.10	253
40.00	2182	87.00	6215	135.90	256	186.00	158
41.20	1249	87.90	5300	136.80	433	187.20	176
41.90	486	89.20	154	140.00	360	188.20	488
43.10	854	89.70	162	140.90	1458	189.50	107
44.00	3175	90.30	180	142.10	1258	195.20	395
45.10	2146	91.00	1427	143.00	1248	196.10	420
45.80	374	92.00	4216	144.10	372	197.30	110
47.10	1678	93.00	6159	145.20	845	198.00	210
48.20	996	94.10	15353	146.10	325	199.30	382
49.00	6912	95.00	127576	147.10	961	200.20	386
50.00	33288	96.00	9196	147.90	406	201.00	210
51.00	10743	96.90	314	148.90	331	201.30	202
51.90	712	97.90	111	150.00	400	202.00	515
53.00	676	102.70	200	151.20	183	203.10	243
54.30	166	103.90	714	152.20	399	204.30	179
55.10	1076	105.10	918	152.80	878	205.90	103
56.10	2099	106.00	1118	154.20	449	206.60	130
57.10	4508	106.80	308	155.00	2519	207.20	183
57.80	368	108.70	199	156.00	444	208.00	127
58.30	216	109.30	393	157.10	1379	210.20	103
60.00	1336	110.10	365	158.00	359	214.10	377
61.00	7813	110.80	309	158.90	667	215.30	157
62.00	8124	111.60	134	160.10	201	216.20	260
63.00	5594	112.10	159	160.90	612	217.20	212
63.90	731	113.10	266	161.90	154	218.30	275
65.20	445	114.10	202	163.00	231	220.30	101
67.00	1385	115.00	1263	164.40	294	221.20	101
68.00	14715	115.90	721	165.10	457	222.20	107
69.00	16712	116.90	1017	166.00	468	224.90	100
70.00	1588	117.80	1146	167.00	284	226.50	132
70.90	504	119.00	1300	168.10	479	227.80	218
71.90	771	119.90	384	168.80	751	237.30	138
73.00	6800	120.20	379	169.20	673	243.00	182
74.00	24632	121.10	110	170.10	1827	247.70	242
75.00	74536	123.10	339	171.10	1388	248.10	237

	76.00	6113		125.90	131		171.90	295		250.20	144	
	76.90	1524		127.00	428		173.90	79320		262.10	102	
	77.90	779		128.00	1953		174.90	6195				
	79.00	4927		129.20	1293		175.90	79632				
	80.00	1179		129.90	696		176.90	6155				
+	-----+											
	80.90	5297		131.00	818		177.90	536				
+	-----+											

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-130802/4

Matrix: Water Lab File ID: e08690.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 06:14

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.: 130802 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.: 460-45322-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-130802/4
 Matrix: Water Lab File ID: e08690.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 06:14
 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.: 130802 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)	105		70-130
460-00-4	4-Bromofluorobenzene	106		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-130802/4
Matrix: Water Lab File ID: e08690.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 06:14
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.: 130802 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/09-17-12/05oct12W.b/e08690.d
 Report Date: 09-Oct-2012 10:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08690.d
 Lab Smp Id: MB
 Inj Date : 05-OCT-2012 06:14
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/8260DE_09.m
 Meth Date : 09-Oct-2012 10:54 delpolit Quant Type: ISTD
 Cal Date : 05-OCT-2012 03:40 Cal File: e08685.d
 Als bottle: 7 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						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	414893		52.5834	52
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1396330		50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1365613		51.4586	51
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1177524		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	554549		52.7568	53
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	671465		50.0000	

Data File: e08690.d

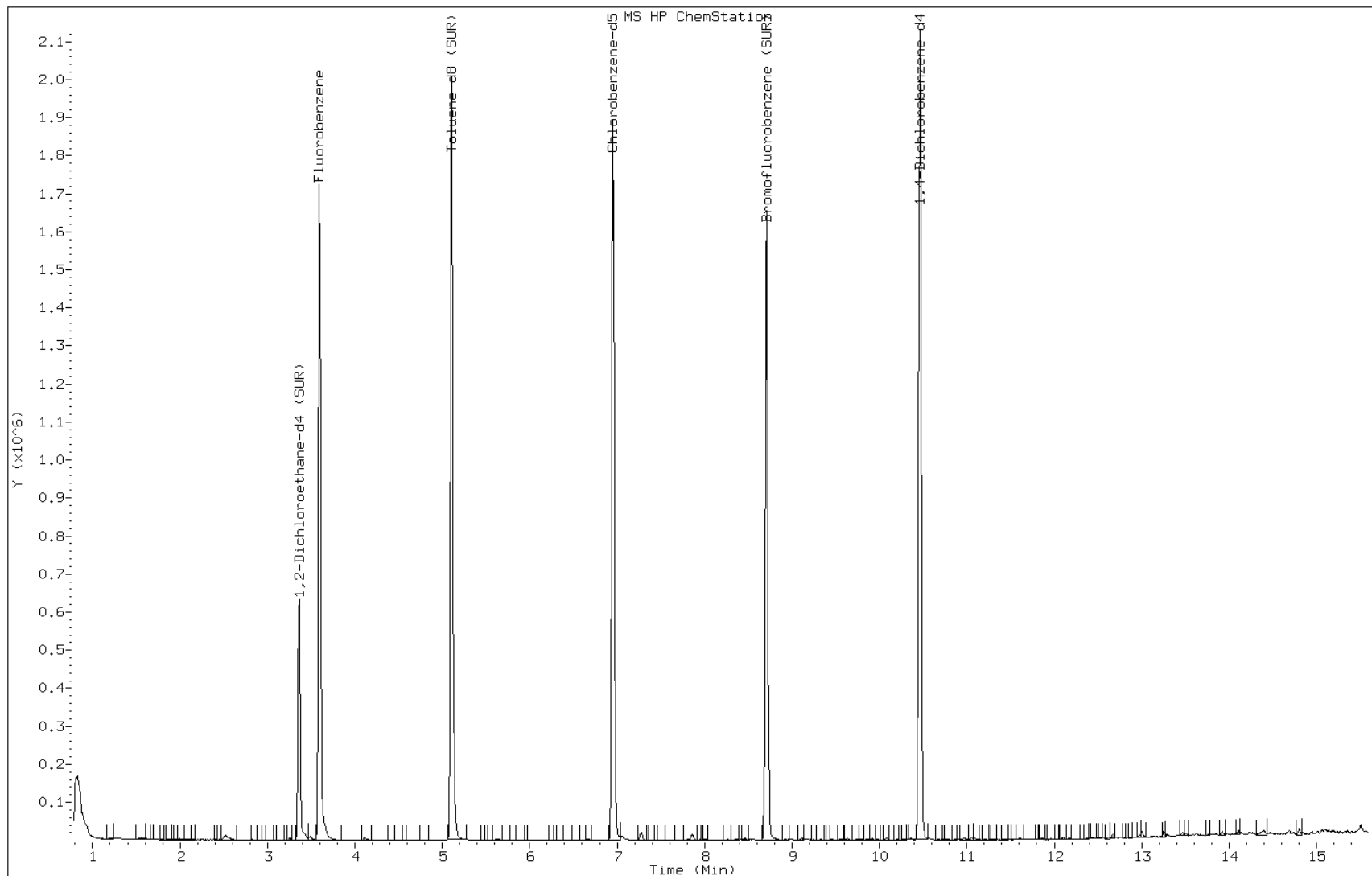
Date: 05-OCT-2012 06:14

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.: 460-45322-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-130802/3

Matrix: Water Lab File ID: e08687.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 04:53

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.: 130802 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.3		1.0	0.060
75-71-8	Dichlorodifluoromethane	15.7		1.0	0.22
74-87-3	Chloromethane	15.2		1.0	0.10
75-01-4	Vinyl chloride	16.7		1.0	0.14
74-83-9	Bromomethane	17.9		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1.0	0.40
95-50-1	1,2-Dichlorobenzene	18.5		1.0	0.21
75-69-4	Trichlorofluoromethane	19.1		1.0	0.15
75-35-4	1,1-Dichloroethene	19.4		1.0	0.090
78-87-5	1,2-Dichloropropane	19.4		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.1		1.0	0.080
67-64-1	Acetone	35.1		5.0	2.7
75-15-0	Carbon disulfide	18.5		1.0	0.13
79-20-9	Methyl acetate	15.6		2.0	0.34
75-09-2	Methylene Chloride	18.6		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	18.4		1.0	0.13
124-48-1	Chlorodibromomethane	19.7		1.0	0.20
1634-04-4	Methyl tert-butyl ether	18.7		1.0	0.14
75-00-3	Chloroethane	20.7		1.0	0.17
75-34-3	1,1-Dichloroethane	18.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.18
78-93-3	2-Butanone (MEK)	22.7		5.0	2.3
67-66-3	Chloroform	19.1		1.0	0.080
100-41-4	Ethylbenzene	19.5		1.0	0.10
110-82-7	Cyclohexane	18.8		1.0	0.16
56-23-5	Carbon tetrachloride	19.1		1.0	0.060
71-43-2	Benzene	19.2		1.0	0.080
107-06-2	1,2-Dichloroethane	18.6		1.0	0.19
79-01-6	Trichloroethene	19.1		1.0	0.090
108-87-2	Methylcyclohexane	18.7		1.0	0.14
75-27-4	Dichlorobromomethane	19.9		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	19.1		5.0	0.99
108-88-3	Toluene	19.0		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	19.5		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-130802/3
 Matrix: Water Lab File ID: e08687.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 04:53
 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.: 130802 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	18.8		1.0	0.19
127-18-4	Tetrachloroethene	19.5		1.0	0.10
591-78-6	2-Hexanone	23.5		5.0	0.50
106-93-4	1,2-Dibromoethane	19.6		1.0	0.28
108-90-7	Chlorobenzene	19.0		1.0	0.11
1330-20-7	Xylenes, Total	56.0		3.0	0.36
100-42-5	Styrene	18.9		1.0	0.12
75-25-2	Bromoform	18.9		1.0	0.19
98-82-8	Isopropylbenzene	18.9		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	19.2		1.0	0.16
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.14
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	19.9		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08687.d
 Report Date: 09-Oct-2012 10:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08687.d
 Lab Smp Id: LCS
 Inj Date : 05-OCT-2012 04:53
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/8260DE_09.m
 Meth Date : 09-Oct-2012 10:54 delpolit Quant Type: ISTD
 Cal Date : 05-OCT-2012 03:40 Cal File: e08685.d
 Als bottle: 4 QC Sample: METHSPIKE
 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						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====		(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	93009		15.6517	16
3 Chloromethane	50	1.016	1.010	(0.283)	170846		15.1514	15
4 Vinyl Chloride	62	1.022	1.022	(0.284)	148200		16.7300	17
6 Bromomethane	94	1.175	1.181	(0.327)	84571		17.9020	18
5 Chloroethane	64	1.236	1.236	(0.344)	78557		20.7472	21
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	168674		19.1097	19
14 Freon TF	101	1.571	1.571	(0.437)	107471		18.1058	18
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	93201		19.4056	19
16 Acetone	58	1.894	1.894	(0.527)	18463		35.0639	35(R)
18 Carbon Disulfide	76	1.565	1.565	(0.435)	367400		18.5107	18
27 Methyl Acetate	74	1.961	1.961	(0.546)	17857		15.6109	16
22 Methylene Chloride	49	1.857	1.858	(0.517)	180421		18.5807	18
28 MTBE	73	2.016	2.016	(0.561)	362274		18.7211	19
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	109569		18.3972	18
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	229081		18.3915	18
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	129247		19.3757	19

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08687.d
 Report Date: 09-Oct-2012 10:54

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.071	3.071	(0.854)		24855	22.6682	23
42 Chloroform	83		2.839	2.839	(0.790)		229690	19.0680	19
44 Cyclohexane	56		2.778	2.784	(0.773)		215242	18.8117	19
43 1,1,1-Trichloroethane	97		2.979	2.979	(0.829)		192276	18.3420	18
45 Carbon Tetrachloride	117		2.930	2.931	(0.815)		160202	19.0956	19
48 Benzene	78		3.260	3.260	(0.469)		532817	19.1766	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.363	3.363	(0.936)		406612	49.9389	50
49 1,2-Dichloroethane	62		3.412	3.418	(0.949)		187155	18.5907	18
* 52 Fluorobenzene	96		3.595	3.595	(1.000)		1440928	50.0000	
54 Trichloroethene	95		3.741	3.741	(1.041)		133744	19.0947	19
56 Methyl cyclohexane	83		3.729	3.729	(1.037)		188736	18.7085	19
57 1,2-Dichloropropane	63		4.192	4.193	(1.166)		143861	19.4303	19
68 Bromodichloromethane	83		4.272	4.272	(1.188)		179143	19.8904	20
67 cis-1,3-Dichloropropene	75		4.906	4.906	(0.705)		227386	19.1667	19
70 4-Methyl-2-Pentanone	43		5.625	5.625	(0.809)		138656	19.1263	19
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)		1385235	50.1574	50
66 Toluene	91		5.162	5.162	(0.742)		615967	18.9642	19
64 trans-1,3-Dichloropropene	75		5.649	5.650	(0.812)		213550	19.5435	20
69 1,1,2-Trichloroethane	83		5.820	5.820	(0.837)		95253	18.7648	19
71 Tetrachloroethene	166		5.582	5.582	(0.803)		159099	19.4562	19
73 2-Hexanone	43		6.680	6.680	(0.961)		131542	23.5385	24
74 Dibromochloromethane	129		6.015	6.015	(0.865)		141219	19.6626	20
77 1,2-Dibromoethane	107		6.259	6.259	(0.900)		122613	19.5628	20
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)		1225430	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)		424114	19.0388	19
81 Ethylbenzene	106		7.064	7.064	(1.016)		228447	19.4761	19
82 m+p-Xylene	106		7.277	7.277	(1.046)		573769	37.3490	37
84 o-Xylene	106		7.862	7.863	(1.131)		280336	18.6792	19
85 Styrene	104		7.942	7.942	(1.142)		480686	18.9191	19
86 Bromoform	173		7.911	7.911	(1.138)		98171	18.8819	19
88 Isopropylbenzene	105		8.350	8.344	(1.201)		708751	18.8692	19
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)		571685	49.6259	50
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112	(0.871)		159778	19.2170	19
105 1,3-Dichlorobenzene	146		10.331	10.325	(0.987)		367111	18.8320	19
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)		735886	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)		381342	18.8875	19
111 1,2-Dichlorobenzene	146		11.148	11.148	(1.065)		349294	18.5132	18
112 1,2-Dibromo-3-chloropropane	75		12.233	12.234	(1.169)		28969	19.1791	19
114 1,2,4-Trichlorobenzene	180		12.977	12.977	(1.240)		211559	19.8918	20
M 120 1,2-Dichloroethene (Total)	100						238816	37.7729	38
M 121 Xylene (Total)	100						854105	56.0282	56

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e08687.d

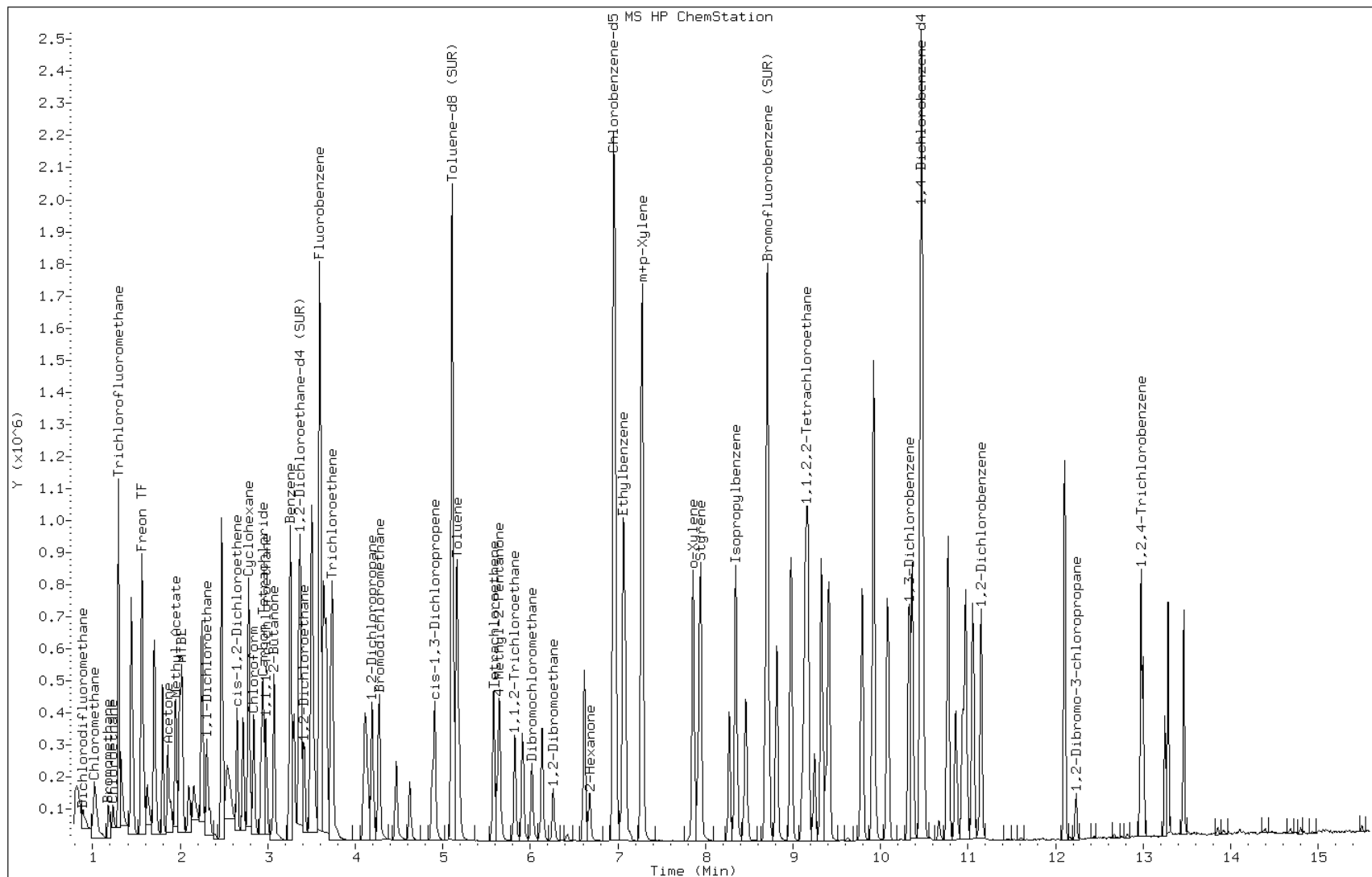
Date: 05-OCT-2012 04:53

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.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100212-MW100-MM- Lab Sample ID: 460-45322-3 MS
 Matrix: Water Lab File ID: e08709.d
 Analysis Method: 8260B Date Collected: 10/02/2012 10:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 13:37
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 130802 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	194		10	0.60
75-71-8	Dichlorodifluoromethane	172		10	2.2
74-87-3	Chloromethane	178		10	1.0
75-01-4	Vinyl chloride	182		10	1.4
74-83-9	Bromomethane	201		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	171		10	4.0
95-50-1	1,2-Dichlorobenzene	179		10	2.1
75-69-4	Trichlorofluoromethane	276		10	1.5
75-35-4	1,1-Dichloroethene	181		10	0.90
78-87-5	1,2-Dichloropropane	185		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	207		10	0.80
67-64-1	Acetone	158		50	27
75-15-0	Carbon disulfide	179		10	1.3
79-20-9	Methyl acetate	132		20	3.4
75-09-2	Methylene Chloride	184		10	1.8
156-60-5	trans-1,2-Dichloroethene	182		10	1.3
124-48-1	Chlorodibromomethane	175		10	2.0
1634-04-4	Methyl tert-butyl ether	171		10	1.4
75-00-3	Chloroethane	241		10	1.7
75-34-3	1,1-Dichloroethane	180		10	1.3
156-59-2	cis-1,2-Dichloroethene	179		10	1.8
78-93-3	2-Butanone (MEK)	172		50	23
67-66-3	Chloroform	177		10	0.80
100-41-4	Ethylbenzene	195		10	1.0
110-82-7	Cyclohexane	216		10	1.6
56-23-5	Carbon tetrachloride	191		10	0.60
71-43-2	Benzene	178		10	0.80
107-06-2	1,2-Dichloroethane	182		10	1.9
79-01-6	Trichloroethene	175		10	0.90
108-87-2	Methylcyclohexane	220		10	1.4
75-27-4	Dichlorobromomethane	186		10	1.2
10061-01-5	cis-1,3-Dichloropropene	176		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	169		50	9.9
108-88-3	Toluene	185		10	1.5
10061-02-6	trans-1,3-Dichloropropene	177		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100212-MW100-MM- Lab Sample ID: 460-45322-3 MS
 Matrix: Water Lab File ID: e08709.d
 Analysis Method: 8260B Date Collected: 10/02/2012 10:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 13:37
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 130802 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	177		10	1.9
127-18-4	Tetrachloroethene	197		10	1.0
591-78-6	2-Hexanone	182		50	5.0
106-93-4	1,2-Dibromoethane	177		10	2.8
108-90-7	Chlorobenzene	186		10	1.1
1330-20-7	Xylenes, Total	572		30	3.6
100-42-5	Styrene	188		10	1.2
75-25-2	Bromoform	173		10	1.9
98-82-8	Isopropylbenzene	199		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	196		10	1.6
541-73-1	1,3-Dichlorobenzene	185		10	1.4
106-46-7	1,4-Dichlorobenzene	188		10	2.3
120-82-1	1,2,4-Trichlorobenzene	171		10	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08709.d
 Report Date: 09-Oct-2012 10:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08709.d
 Lab Smp Id: 460-45322-C-3 MS Client Smp ID: WG-17338-100212-MW1
 Inj Date : 05-OCT-2012 13:37
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-45322-C-3 MS;10
 Misc Info : 460-45322-C-3
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/8260DE_09.m
 Meth Date : 09-Oct-2012 10:54 delpolit Quant Type: ISTD
 Cal Date : 05-OCT-2012 03:40 Cal File: e08685.d
 Als bottle: 26 QC Sample: MS
 Dil Factor: 10.00000
 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	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
2 Dichlorodifluoromethane	85	0.894	0.894 (0.249)		88458	17.1880	170	
3 Chloromethane	50	1.016	1.010 (0.283)		176406	17.8071	180	
4 Vinyl Chloride	62	1.022	1.022 (0.284)		146378	18.1984	180	
6 Bromomethane	94	1.175	1.181 (0.327)		90712	20.1091	200	
5 Chloroethane	64	1.236	1.236 (0.344)		105959	24.1321	240	
7 Trichlorofluoromethane	101	1.303	1.297 (0.362)		216036	27.6500	280	
14 Freon TF	101	1.571	1.571 (0.437)		99745	20.7112	210	
15 1,1-Dichloroethene	96	1.553	1.553 (0.432)		83039	18.1014	180	
16 Acetone	58	1.888	1.894 (0.525)		8214	15.7929	160	
18 Carbon Disulfide	76	1.571	1.565 (0.437)		331188	17.9236	180	
27 Methyl Acetate	74	1.955	1.961 (0.544)		15888	13.1849	130	
22 Methylene Chloride	49	1.857	1.858 (0.517)		174503	18.3578	180	
28 MTBE	73	2.016	2.016 (0.561)		328451	17.0663	170	
25 trans-1,2-Dichloroethene	96	1.949	1.949 (0.542)		102106	18.1908	180	
30 1,1-Dichloroethane	63	2.309	2.303 (0.642)		217252	18.0415	180	
36 cis-1,2-Dichloroethene	96	2.650	2.650 (0.737)		116005	17.8693	180	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08709.d
 Report Date: 09-Oct-2012 10:54

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	17531	17.2238	170
42 Chloroform	83	2.839	2.839	(0.790)	196236	17.6593	180
44 Cyclohexane	56	2.784	2.784	(0.774)	204921	21.5571	220
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	178135	19.3885	190
45 Carbon Tetrachloride	117	2.930	2.931	(0.815)	145384	19.1123	190
48 Benzene	78	3.260	3.260	(0.469)	489078	17.8244	180
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.363	(0.934)	379474	51.6435	52
49 1,2-Dichloroethane	62	3.412	3.418	(0.949)	174364	18.1583	180
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1349623	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	121632	17.5434	180
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	176123	22.0436	220
57 1,2-Dichloropropane	63	4.192	4.193	(1.166)	132068	18.4867	180
68 Bromodichloromethane	83	4.272	4.272	(1.188)	166289	18.5623	180
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	204062	17.5901	180
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	114517	16.8982	170
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1315923	49.6933	50
66 Toluene	91	5.162	5.162	(0.742)	570675	18.5374	180
64 trans-1,3-Dichloropropene	75	5.649	5.650	(0.812)	188845	17.6868	180
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	87367	17.6831	180
71 Tetrachloroethene	166	5.582	5.582	(0.803)	146162	19.6882	200
73 2-Hexanone	43	6.674	6.680	(0.960)	93308	18.2415	180
74 Dibromochloromethane	129	6.015	6.015	(0.865)	125329	17.5334	180
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	108799	17.6755	180
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1154014	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	394389	18.5920	180
81 Ethylbenzene	106	7.064	7.064	(1.016)	211798	19.5382	200
82 m+p-Xylene	106	7.277	7.277	(1.046)	528199	38.4469	380
84 o-Xylene	106	7.862	7.863	(1.131)	258266	18.8009	190
85 Styrene	104	7.942	7.942	(1.142)	444572	18.7950	190
86 Bromoform	173	7.911	7.911	(1.138)	85739	17.2735	170
88 Isopropylbenzene	105	8.350	8.344	(1.201)	656183	19.9058	200
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	544409	49.9909	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	143190	19.5950	200
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	330427	18.5427	180
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	681876	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	349852	18.8284	190
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	309201	17.9170	180
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	23010	17.1394	170
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	167705	17.0708	170
M 120 1,2-Dichloroethene (Total)	100				218111	36.0601	360
M 121 Xylene (Total)	100				786465	57.2478	570

Data File: e08709.d

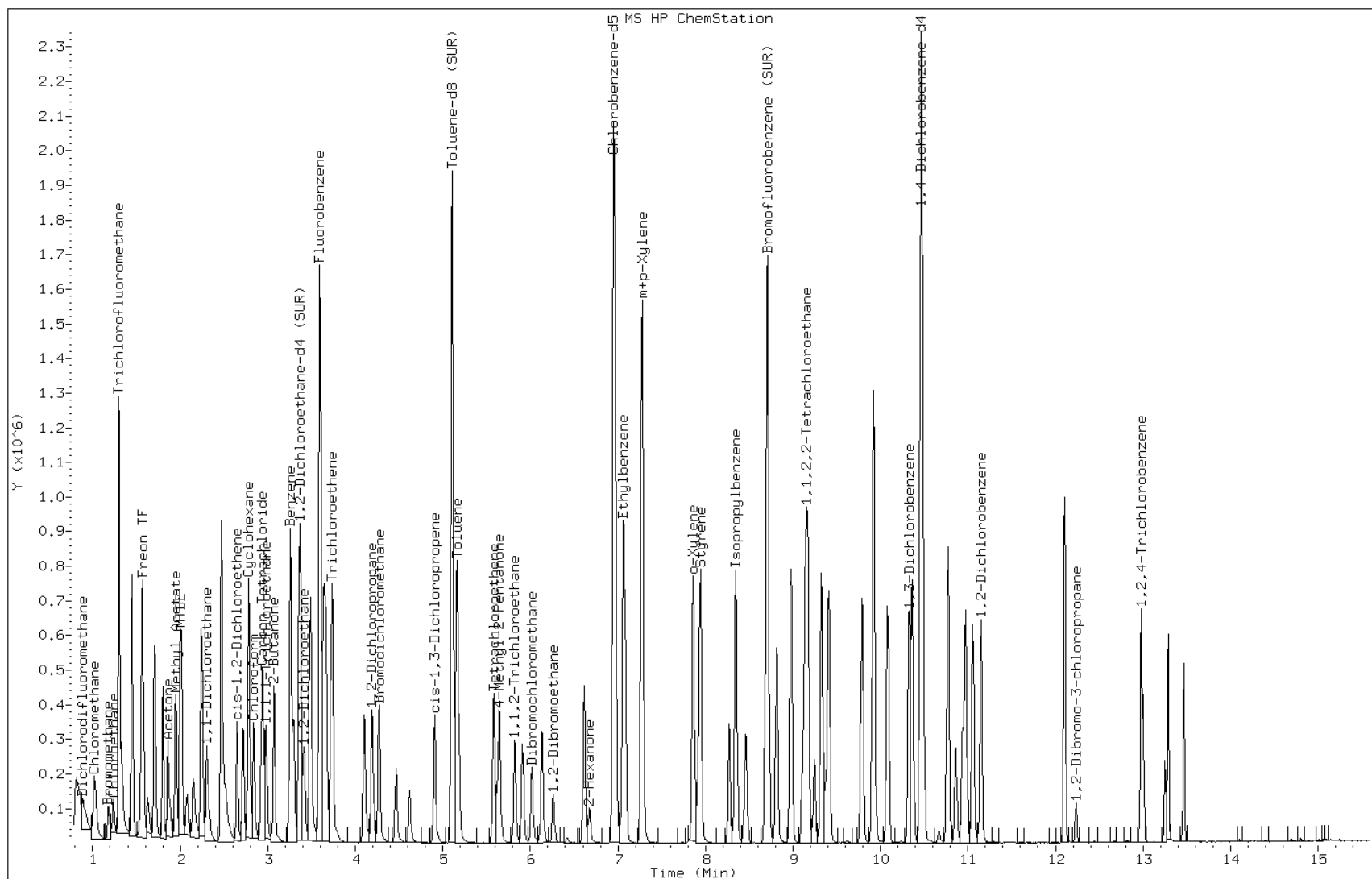
Date: 05-OCT-2012 13:37

Client ID: WG-17338-100212-MW1

Instrument: VOAMS5.i

Sample Info: 460-45322-C-3 MS;10

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1

SDG No.: _____

Client Sample ID: WG-17338-100212-MW100-MM- Lab Sample ID: 460-45322-3 MSD

Matrix: Water Lab File ID: e08710.d

Analysis Method: 8260B Date Collected: 10/02/2012 10:55

Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 14:00

Soil Aliquot Vol: _____ Dilution Factor: 10

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

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

Analysis Batch No.: 130802 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	209		10	0.60
75-71-8	Dichlorodifluoromethane	175		10	2.2
74-87-3	Chloromethane	181		10	1.0
75-01-4	Vinyl chloride	185		10	1.4
74-83-9	Bromomethane	200		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	189		10	4.0
95-50-1	1,2-Dichlorobenzene	194		10	2.1
75-69-4	Trichlorofluoromethane	281		10	1.5
75-35-4	1,1-Dichloroethene	194		10	0.90
78-87-5	1,2-Dichloropropane	196		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	218		10	0.80
67-64-1	Acetone	174		50	27
75-15-0	Carbon disulfide	189		10	1.3
79-20-9	Methyl acetate	142		20	3.4
75-09-2	Methylene Chloride	195		10	1.8
156-60-5	trans-1,2-Dichloroethene	190		10	1.3
124-48-1	Chlorodibromomethane	189		10	2.0
1634-04-4	Methyl tert-butyl ether	178		10	1.4
75-00-3	Chloroethane	235		10	1.7
75-34-3	1,1-Dichloroethane	189		10	1.3
156-59-2	cis-1,2-Dichloroethene	191		10	1.8
78-93-3	2-Butanone (MEK)	179		50	23
67-66-3	Chloroform	196		10	0.80
100-41-4	Ethylbenzene	206		10	1.0
110-82-7	Cyclohexane	231		10	1.6
56-23-5	Carbon tetrachloride	209		10	0.60
71-43-2	Benzene	188		10	0.80
107-06-2	1,2-Dichloroethane	185		10	1.9
79-01-6	Trichloroethene	188		10	0.90
108-87-2	Methylcyclohexane	238		10	1.4
75-27-4	Dichlorobromomethane	199		10	1.2
10061-01-5	cis-1,3-Dichloropropene	189		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	183		50	9.9
108-88-3	Toluene	196		10	1.5
10061-02-6	trans-1,3-Dichloropropene	189		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100212-MW100-MM- Lab Sample ID: 460-45322-3 MSD
 Matrix: Water Lab File ID: e08710.d
 Analysis Method: 8260B Date Collected: 10/02/2012 10:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2012 14:00
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 130802 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	184		10	1.9
127-18-4	Tetrachloroethene	208		10	1.0
591-78-6	2-Hexanone	192		50	5.0
106-93-4	1,2-Dibromoethane	190		10	2.8
108-90-7	Chlorobenzene	198		10	1.1
1330-20-7	Xylenes, Total	617		30	3.6
100-42-5	Styrene	201		10	1.2
75-25-2	Bromoform	188		10	1.9
98-82-8	Isopropylbenzene	214		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	208		10	1.6
541-73-1	1,3-Dichlorobenzene	200		10	1.4
106-46-7	1,4-Dichlorobenzene	201		10	2.3
120-82-1	1,2,4-Trichlorobenzene	197		10	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08710.d
 Report Date: 09-Oct-2012 10:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08710.d
 Lab Smp Id: 460-45322-C-3 MSD Client Smp ID: WG-17338-100212-MW1
 Inj Date : 05-OCT-2012 14:00
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-45322-C-3 MSD;10
 Misc Info : 460-45322-C-3
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/8260DE_09.m
 Meth Date : 09-Oct-2012 10:54 delpolit Quant Type: ISTD
 Cal Date : 05-OCT-2012 03:40 Cal File: e08685.d
 Als bottle: 27 QC Sample: MSD
 Dil Factor: 10.00000
 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	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

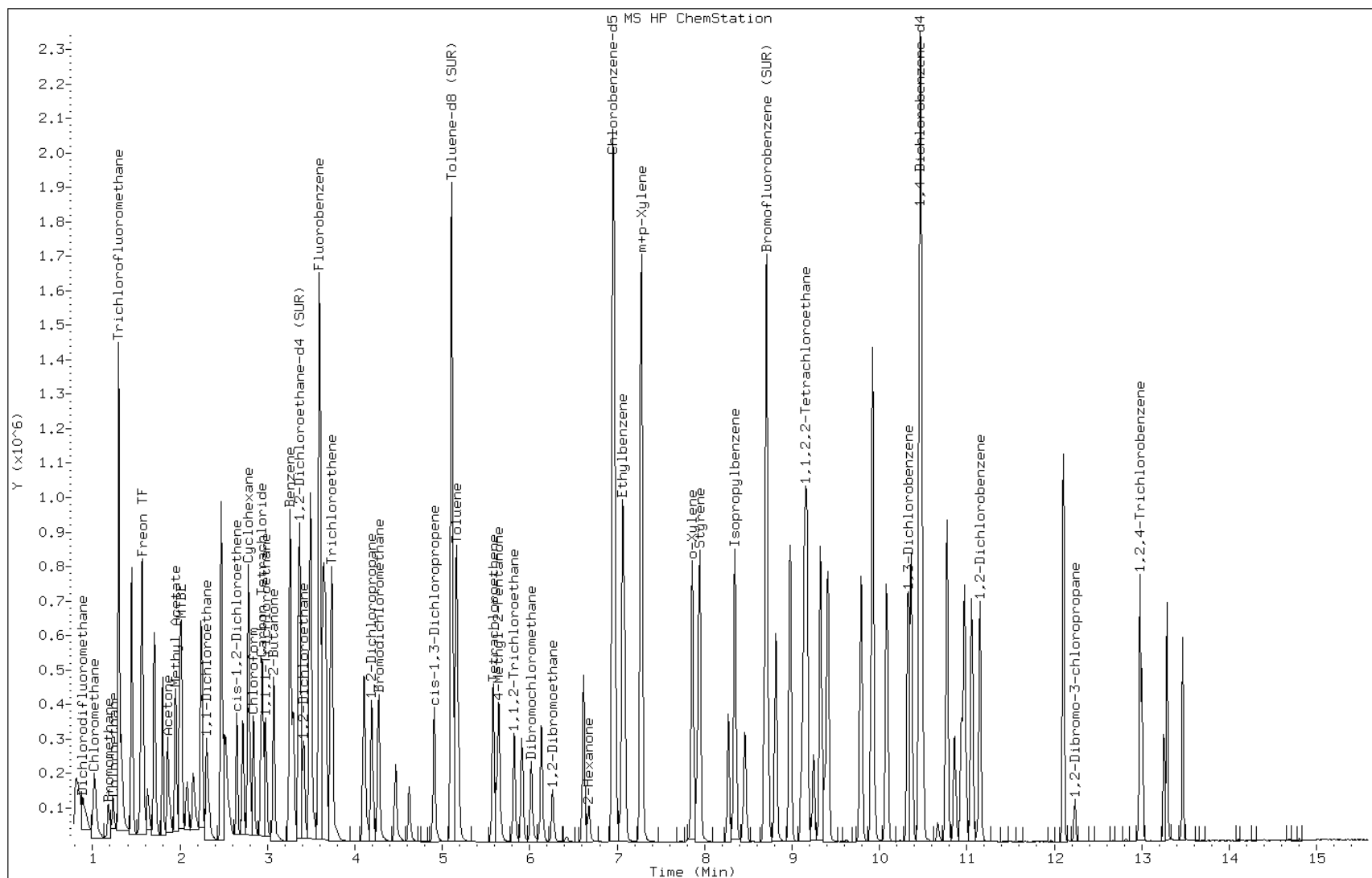
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====		(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	89527		17.5122	180
3 Chloromethane	50	1.010	1.010	(0.281)	177661		18.0540	180
4 Vinyl Chloride	62	1.022	1.022	(0.284)	147579		18.4707	180
6 Bromomethane	94	1.175	1.181	(0.327)	89560		19.9867	200
5 Chloroethane	64	1.236	1.236	(0.344)	102321		23.4596	230
7 Trichlorofluoromethane	101	1.303	1.297	(0.362)	217993		28.0873	280
14 Freon TF	101	1.571	1.571	(0.437)	104243		21.7902	220
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	88565		19.4353	190
16 Acetone	58	1.888	1.894	(0.525)	9014		17.4472	170
18 Carbon Disulfide	76	1.571	1.565	(0.437)	346977		18.9039	190
27 Methyl Acetate	74	1.955	1.961	(0.544)	17008		14.2089	140
22 Methylene Chloride	49	1.858	1.858	(0.517)	183684		19.4531	190
28 MTBE	73	2.016	2.016	(0.561)	340508		17.8113	180
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	105731		18.9628	190
30 1,1-Dichloroethane	63	2.309	2.303	(0.642)	225536		18.8549	190
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	123360		19.1296	190

Data File: /chem/VOAMS5.i/8260DE/09-17-12/05oct12W.b/e08710.d
 Report Date: 09-Oct-2012 10:54

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.071	3.071	(0.854)		18081	17.8831	180
42 Chloroform	83		2.839	2.839	(0.790)		215872	19.5565	200
44 Cyclohexane	56		2.784	2.784	(0.774)		217690	23.0537	230
43 1,1,1-Trichloroethane	97		2.979	2.979	(0.829)		191177	20.9474	210
45 Carbon Tetrachloride	117		2.930	2.931	(0.815)		158100	20.9232	210
48 Benzene	78		3.260	3.260	(0.469)		514399	18.8470	190
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.357	3.363	(0.934)		370713	50.7892	51
49 1,2-Dichloroethane	62		3.412	3.418	(0.949)		176732	18.5282	180
* 52 Fluorobenzene	96		3.595	3.595	(1.000)		1340642	50.0000	
54 Trichloroethene	95		3.741	3.741	(1.041)		129366	18.7839	190
56 Methyl cyclohexane	83		3.729	3.729	(1.037)		188689	23.7745	240
57 1,2-Dichloropropane	63		4.192	4.193	(1.166)		139259	19.6239	200
68 Bromodichloromethane	83		4.272	4.272	(1.188)		176994	19.8896	200
67 cis-1,3-Dichloropropene	75		4.906	4.906	(0.705)		218326	18.9198	190
70 4-Methyl-2-Pentanone	43		5.625	5.625	(0.809)		123384	18.3035	180
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)		1295993	49.2012	49
66 Toluene	91		5.162	5.162	(0.742)		600344	19.6050	200
64 trans-1,3-Dichloropropene	75		5.649	5.650	(0.812)		200833	18.9097	190
69 1,1,2-Trichloroethane	83		5.820	5.820	(0.837)		90664	18.4480	180
71 Tetrachloroethene	166		5.582	5.582	(0.803)		153633	20.8047	210
73 2-Hexanone	43		6.674	6.680	(0.960)		97945	19.2499	190
74 Dibromochloromethane	129		6.015	6.015	(0.865)		134595	18.9299	190
77 1,2-Dibromoethane	107		6.259	6.259	(0.900)		116137	18.9680	190
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)		1147905	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)		417475	19.7851	200
81 Ethylbenzene	106		7.064	7.064	(1.016)		222465	20.6314	210
82 m+p-Xylene	106		7.277	7.277	(1.046)		567822	41.5509	420
84 o-Xylene	106		7.856	7.863	(1.130)		275336	20.1502	200
85 Styrene	104		7.942	7.942	(1.142)		473756	20.1354	200
86 Bromoform	173		7.911	7.911	(1.138)		92946	18.8252	190
88 Isopropylbenzene	105		8.344	8.344	(1.200)		701440	21.3920	210
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)		540272	49.6296	50
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112	(0.871)		151772	20.7772	210
105 1,3-Dichlorobenzene	146		10.331	10.325	(0.987)		355499	19.9571	200
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)		681621	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)		372982	20.0807	200
111 1,2-Dichlorobenzene	146		11.148	11.148	(1.065)		334980	19.4180	190
112 1,2-Dibromo-3-chloropropane	75		12.234	12.234	(1.169)		25300	18.8522	190
114 1,2,4-Trichlorobenzene	180		12.977	12.977	(1.240)		193566	19.7105	200
M 120 1,2-Dichloroethene (Total)	100						229091	38.0923	380
M 121 Xylene (Total)	100						843158	61.7012	620

Operator: GC/MS VOAMS5



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45322-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 09/17/2012 03:24Analysis 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.: 460-45322-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 10/05/2012 02:49Analysis Batch Number: 130802 End Date: 10/05/2012 15:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-130802/1		10/05/2012 02:49	1	e08683.d	Rtx-VMS 0.18 (mm)
CCVIS 460-130802/2		10/05/2012 03:40	1	e08685.d	Rtx-VMS 0.18 (mm)
LCS 460-130802/3		10/05/2012 04:53	1	e08687.d	Rtx-VMS 0.18 (mm)
MB 460-130802/4		10/05/2012 06:14	1	e08690.d	Rtx-VMS 0.18 (mm)
460-45322-1	WG-17338-100112-MW32- MM-248	10/05/2012 12:27	1	e08706.d	Rtx-VMS 0.18 (mm)
460-45322-2	WG-17338-100112-MW110 -MM-249	10/05/2012 12:50	1	e08707.d	Rtx-VMS 0.18 (mm)
460-45322-3	WG-17338-100212-MW100 -MM-250	10/05/2012 13:13	1	e08708.d	Rtx-VMS 0.18 (mm)
460-45322-3 MS	WG-17338-100212-MW100 -MM-250 MS	10/05/2012 13:37	10	e08709.d	Rtx-VMS 0.18 (mm)
460-45322-3 MSD	WG-17338-100212-MW100 -MM-250 MSD	10/05/2012 14:00	10	e08710.d	Rtx-VMS 0.18 (mm)
CCV 460-130802/10		10/05/2012 15:10	1	e08713.d	Rtx-VMS 0.18 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1

Analytical Batch: /chem/VOAMS5.1/8260DE/09-17-12/17sep12.b

Date Generated: 09/17/2012

Page 1

128076

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	HSIDEL		8260 IS: 1670730 SRR 500:	NOT USED
09/17/12 0449	e07836.d	2	IC-VMCAL1		5	0	1	HSIDEL		SRR 250: 1670721 GAS 500: 1732474 MIX 1 500: 1715401 MIX 2 500: 1715414 MIX 3: 1715470 AC/AC:	G
09/17/12 0513	e07837.d	3	IC-VMCAL1		5	0	1	HSIDEL		1715490 GAS 500: 1732475 8260 SP: 1715400 MIX 2 SP: 1715174 AC/AC SP: 1715401 MISC: 1715400 1715401 1715402 1715403 1715404 BFB: 1669410 MISC: 12277	NOT USED
09/17/12 0536	e07838.d	4	IC-VMCAL2		5	0	1	HSIDEL			G
09/17/12 0600	e07839.d	5	ICIS-VMCAL3		5	0	1	HSIDEL			G
09/17/12 0623	e07840.d	6	IC-VMCAL4		5	0	1	HSIDEL			G
09/17/12 0646	e07841.d	7	IC-VMCAL5		5	0	1	HSIDEL			G
09/17/12 0710	e07842.d	8	IC-VMCAL6		5	0	1	HSIDEL			G
09/17/12 0733	e07843.d	9	BLANK		5	0	1	HSIDEL			Cleanup
09/17/12 0756	e07844.d	10	BLANK		5	0	1	HSIDEL			Cleanup
09/17/12 0820	e07845.d	11	BLANK		5	0	1	HSIDEL			Cleanup
09/17/12 0907	e07846.d	13	LCS		5	0	1	HSIDEL			NOT USED
09/17/12 0937	e07847.d	13	LCS		5	0	1	HSIDEL			G

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMSS.i
Analytical Batch: /chem/VOAMSS.i/8260DE/09-17-12/17sep12.b

Date Generated: 09/17/2012
Page 2

Date	Data File	ALS	Sample ID	Client ID	IV	FV	Dil	Sublist	PH	STD	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			Cleanup
09/17/12	1111 e07851.d	17	460-44505-A-10	TB-17338-091212-MM-	5	0	1	HSLDEL			G * peaks at 13.1 + 14.7 are GC anyway
09/17/12	1134 e07852.d	18	460-44505-A-6	WG-17338-091112-VAS	5	0	1	HSLDEL			G *
09/17/12	1157 e07853.d	19	460-44505-A-7	WG-17338-091112-VAS	5	0	1	HSLDEL			G *
09/17/12	1221 e07854.d	20	460-44505-A-8	WG-17338-091112-VAS	5	0	5	HSLDEL			G * ~~100% not needed~~
09/17/12	1244 e07855.d	21	460-44505-A-9	WG-17338-091112-VAS	5	0	5	HSLDEL			G, R/R 1x
09/17/12	1307 e07856.d	22	460-44505-A-1	WG-17338-091112-VAS	5	0	1	HSLDEL			G
09/17/12	1331 e07857.d	23	460-44505-A-2	WG-17338-091112-VAS	5	0	1	HSLDEL			G
09/17/12	1354 e07858.d	24	460-44505-A-3	WG-17338-091112-VAS	5	0	1	HSLDEL			G
09/17/12	1417 e07859.d	25	460-44505-A-4	WG-17338-091112-VAS	5	0	1	HSLDEL			G
09/17/12	1441 e07860.d	26	460-44505-A-5	WG-17338-091112-DUP	5	0	1	HSLDEL			G

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1

Analytical Batch: /chem/VOAMS5.1/8260DE/09-17-12/17sep12.b

Date Generated: 09/17/2012

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/	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	62		G
09/17/12 1527	e07862.d	28	460-44505-A-8 MSD	WG-17338-091112-VAS	5	0	10	HSLDEL	62		out of clock
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 - 10.0ml → 50 ml
10x - 5.0ml → 50 ml

Signed: Ans for Andrew T. Spychalski Read and Understood by: M. Baur

Date: 9/17/12

Date: 9/17/12

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1
Analytical Batch: /chem/VOAMS5.1/8260DE/09-17-12/05oct12w.b

Date Generated: 10/05/2012
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/05/12 0249	e08683.d	2	BFB		0	0	1	all			
10/05/12 0340	e08685.d	2	CCVIS		5	0	1	HSLDEL		8260 HIGH	✓
10/05/12 0453	e08687.d	4	LCS		5	0	1	HSLDEL		8260 IS: SURR 500:	✓
10/05/12 0614	e08690.d	7	MB		5	0	1	HSLDEL		SURR 250: GAS 500: MIX 1 500: MIX 2 500: MIX 3 500: MIX 4 500: MIX 5 500:	✓
10/05/12 1227	e08706.d	23	460-45322-C-1	WG-17338-100112-MM3	5	0	1	HSLDEL		1763789 1763790 1763791 1763792	✓
10/05/12 1250	e08707.d	24	460-45322-C-2	WG-17338-100112-MM1	5	0	1	HSLDEL		1763791 1763792 1763793 1763794 1763795	✓
10/05/12 1313	e08708.d	25	460-45322-C-3	WG-17338-100212-MM1	5	0	1	HSLDEL		1763790 1763791 1763792 1763793 1763794 1763795	✓
10/05/12 1337	e08709.d	26	460-45322-C-3 MS	WG-17338-100212-MM1	5	0	10	HSLDEL		1763795 1763796 1763797 1763798 1763799 1763800	✓
10/05/12 1400	e08710.d	27	460-45322-C-3 MSD	WG-17338-100212-MM1	5	0	10	HSLDEL		1763800 1763801 1763802 1763803 1763804 1763805	✓
10/05/12 1423	e08711.d	28	BLK		5	0	1	HSLDEL		1763805 1763806 1763807 1763808 1763809 1763810	✓
10/05/12 1446	e08712.d	29	CCV		5	0	1	HSLDEL		1763810 1763811 1763812 1763813 1763814 1763815	✓
10/05/12 1510	e08713.d	30	CCV		5	0	1	HSLDEL		1763815 1763816 1763817 1763818 1763819 1763820	✓

Signed: *Ellie M. [Signature]* for *AS* Read and Understood by: *Ken [Signature]*

Date: 10/05/12

Date: 10/05/12

Dilutions: 10X - 5ul → 50 ul EV

#130802

Method 8082 - Delaware

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

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1

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 #
WG-17338-100112-MW 32-MM-248	460-45322-1	62	61
WG-17338-100112-MW 110-MM-249	460-45322-2	57	56
WG-17338-100212-MW 100-MM-250	460-45322-3	67	66
	MB 460-130463/1-A	75	83
	LCS 460-130463/2-A	86	91
	LCSD 460-130463/3-A	87	87

DCB = DCB Decachlorobiphenyl

QC LIMITS
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.: 460-45322-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: of193378.d
Lab ID: LCS 460-130463/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	6.17	123	71-126	
PCB-1260	5.00	6.00	120	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: or193378.d
Lab ID: LCS 460-130463/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	5.82	116	71-126	
PCB-1260	5.00	6.05	121	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: of193379.d
Lab ID: LCSD 460-130463/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	5.00	6.09	122	5	30	71-126	
PCB-1260	5.00	6.09	122	1	30	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: or193379.d
Lab ID: LCSD 460-130463/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	5.00	6.11	122	1	30	71-126	
PCB-1260	5.00	6.08	122	1	30	73-130	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Lab Sample ID: MB 460-130463/1-A
Matrix: Water Date Extracted: 10/04/2012 08:21
Lab File ID: (1) or193377.d Lab File ID: (2) of193377.d
Date Analyzed: (1) 10/05/2012 04:47 Date Analyzed: (2) 10/05/2012 04:47
Instrument ID: (1) PESTGC7 Instrument ID: (2) PESTGC7
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 460-130463/2-A	10/05/2012 05:03	10/05/2012 05:03
	LCSD 460-130463/3-A	10/05/2012 05:19	10/05/2012 05:19
WG-17338-100112-MW32-MM-248	460-45322-1	10/05/2012 05:36	10/05/2012 05:36
WG-17338-100112-MW110-MM-249	460-45322-2	10/05/2012 05:52	10/05/2012 05:52
WG-17338-100212-MW100-MM-250	460-45322-3	10/05/2012 06:08	10/05/2012 06:08

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Sample No.: CCVRT 460-130682/3 Date Analyzed: 10/05/2012 02:53
 Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): of193370.d Heated Purge: (Y/N) N
 Calibration ID: 17824

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.50		
UPPER LIMIT				10.60		
LOWER LIMIT				10.40		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-130682/3		10/05/2012 02:53	of193370.d	10.50		
MB 460-130463/1-A		10/05/2012 04:47	of193377.d	10.50		
LCS 460-130463/2-A		10/05/2012 05:03	of193378.d	10.50		
LCSD 460-130463/3-A		10/05/2012 05:19	of193379.d	10.50		
460-45322-1	WG-17338-100112-MW32-MM-248	10/05/2012 05:36	of193380.d	10.50		
460-45322-2	WG-17338-100112-MW110-MM-249	10/05/2012 05:52	of193381.d	10.50		
460-45322-3	WG-17338-100212-MW100-MM-250	10/05/2012 06:08	of193382.d	10.50		
CCV 460-130682/24		10/05/2012 08:34	of193391.d	10.50		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = $\pm$ 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Sample No.: CCVRT 460-130682/3 Date Analyzed: 10/05/2012 02:53
 Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): or193370.d Heated Purge: (Y/N) N
 Calibration ID: 17823

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.42		
UPPER LIMIT				9.52		
LOWER LIMIT				9.32		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-130682/3		10/05/2012 02:53	or193370.d	9.42		
MB 460-130463/1-A		10/05/2012 04:47	or193377.d	9.42		
LCS 460-130463/2-A		10/05/2012 05:03	or193378.d	9.42		
LCSD 460-130463/3-A		10/05/2012 05:19	or193379.d	9.42		
460-45322-1	WG-17338-100112-MW32-MM-248	10/05/2012 05:36	or193380.d	9.42		
460-45322-2	WG-17338-100112-MW110-MM-249	10/05/2012 05:52	or193381.d	9.42		
460-45322-3	WG-17338-100212-MW100-MM-250	10/05/2012 06:08	or193382.d	9.42		
CCV 460-130682/24		10/05/2012 08:34	or193391.d	9.42		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-130463/2-A
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 10/05/2012 05:03 Date Analyzed (2): 10/05/2012 05:03
 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	2.35	2.28	2.42	5.82	5.82	5.7
		2	2.68	2.61	2.75	5.95		
		5	3.29	3.21	3.35	5.95		
		7	3.73	3.66	3.80	5.78		
		8	3.83	3.75	3.89	5.62		
	2	1	2.94	2.87	3.01	6.14	6.17	
		3	3.68	3.61	3.75	6.16		
		4	3.91	3.85	3.99	6.25		
		5	4.08	4.02	4.16	6.18		
		6	4.37	4.30	4.44	6.08		
		7	4.66	4.60	4.74	6.27		
		8	4.81	4.75	4.89	6.09		
PCB-1260	1	1	5.15	5.09	5.23	5.97	6.05	0.9
		2	5.50	5.43	5.57	6.04		
		3	5.85	5.78	5.92	6.24		
		4	5.99	5.92	6.06	6.03		
		5	6.32	6.26	6.40	6.14		
		7	7.44	7.38	7.52	5.82		
		8	8.66	8.60	8.74	6.11		
	2	1	6.29	6.23	6.37	5.87	6.00	
		2	6.60	6.54	6.68	5.78		
		3	7.23	7.17	7.31	6.09		
		4	7.39	7.34	7.48	5.88		
		5	7.50	7.45	7.59	5.72		
		6	8.05	7.99	8.13	6.22		
		7	9.27	9.20	9.34	6.53		
		8	9.96	9.90	10.04	5.87		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-130463/3-A
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 10/05/2012 05:19 Date Analyzed (2): 10/05/2012 05:19
 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	2.35	2.28	2.42	6.20	6.11	0.3
		2	2.68	2.61	2.75	6.02		
		4	3.14	3.07	3.21	6.29		
		5	3.28	3.21	3.35	6.08		
		7	3.73	3.66	3.80	5.87		
		8	3.82	3.75	3.89	6.23		
	2	1	2.93	2.87	3.01	6.43	6.09	
		3	3.68	3.61	3.75	6.13		
		4	3.91	3.85	3.99	6.20		
		5	4.08	4.02	4.16	6.17		
		6	4.37	4.30	4.44	5.78		
		7	4.66	4.60	4.74	5.68		
		8	4.81	4.75	4.89	6.28		
	PCB-1260	1	1	5.15	5.09	5.23	6.04	
2			5.50	5.43	5.57	6.09		
4			5.99	5.92	6.06	6.17		
5			6.32	6.26	6.40	5.91		
7			7.44	7.38	7.52	6.04		
8			8.66	8.60	8.74	6.22		
2		1	6.29	6.23	6.37	5.95	6.09	
		2	6.59	6.54	6.68	5.96		
		3	7.23	7.17	7.31	6.25		
		4	7.39	7.34	7.48	6.09		
		5	7.50	7.45	7.59	6.02		
		6	8.04	7.99	8.13	6.26		
		7	9.26	9.20	9.34	6.27		
		8	9.96	9.90	10.04	5.90		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Client Sample ID: WG-17338-100112-MW32-MM-2 Lab Sample ID: 460-45322-1
Matrix: Water Lab File ID: of193380.d
Analysis Method: 8082 Date Collected: 10/01/2012 12:45
Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
Sample wt/vol: 880 (mL) Date Analyzed: 10/05/2012 05:36
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.: 130682 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	61		37-150

Data File: of193380.d
Report Date: 05-Oct-2012 09:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/of193380.d
Lab Smp Id: 460-45322-D-1-A Client Smp ID: WG-17338-100112-MW3
Inj Date : 05-OCT-2012 05:36
Operator : Inst ID: PESTGC7.i
Smp Info : 460-45322-D-1-A
Misc Info : 460-45322-D-1-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/080f8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 13
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	880.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
10.500	10.512	-0.012	226483	60.5700	0.34	80.00-	120.00	100.00	

Data File: of193380.d

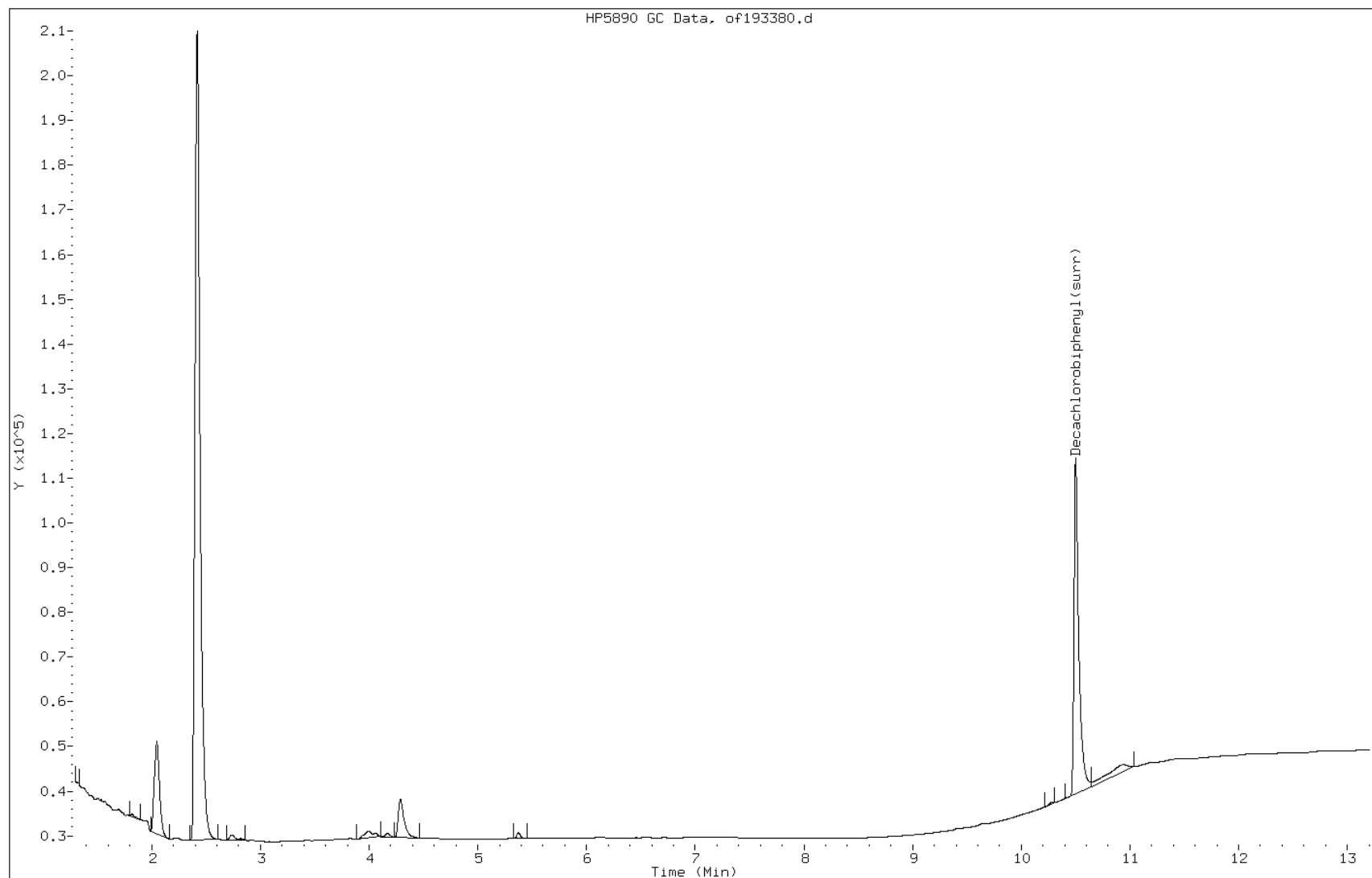
Date: 05-OCT-2012 05:36

Client ID: WG-17338-100112-MW3

Instrument: PESTGC7.i

Sample Info: 460-45322-D-1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100112-MW32-MM-2 Lab Sample ID: 460-45322-1
 Matrix: Water Lab File ID: or193380.d
 Analysis Method: 8082 Date Collected: 10/01/2012 12:45
 Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
 Sample wt/vol: 880 (mL) Date Analyzed: 10/05/2012 05:36
 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.: 130682 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.15	U	0.57	0.15
11104-28-2	PCB-1221	0.32	U	0.57	0.32
11141-16-5	PCB-1232	0.14	U	0.57	0.14
53469-21-9	PCB-1242	0.14	U	0.57	0.14
12672-29-6	PCB-1248	0.27	U	0.57	0.27
11097-69-1	PCB-1254	0.19	U	0.57	0.19
11096-82-5	PCB-1260	0.17	U	0.57	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	62		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/or193380.d
Lab Smp Id: 460-45322-D-1-A Client Smp ID: WG-17338-100112-MW3
Inj Date : 05-OCT-2012 05:36
Operator : Inst ID: PESTGC7.i
Smp Info : 460-45322-D-1-A
Misc Info : 460-45322-D-1-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/080r8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	880.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.418	9.423	-0.005	298977	61.9601	0.35 80.00- 120.00	100.00			

Data File: or193380.d

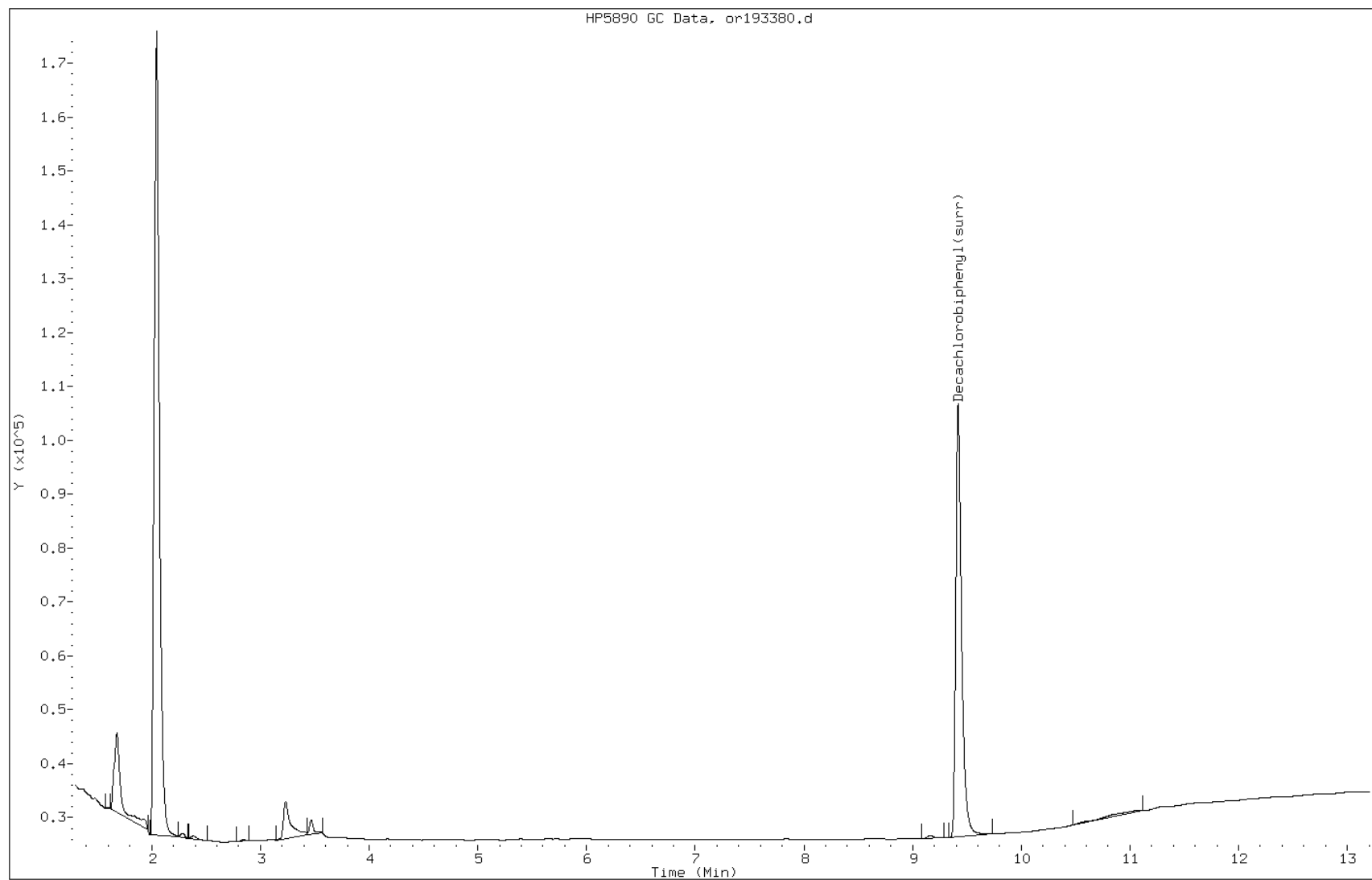
Date: 05-OCT-2012 05:36

Client ID: WG-17338-100112-MW3

Instrument: PESTGC7.i

Sample Info: 460-45322-D-1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Client Sample ID: WG-17338-100112-MW110-MM- Lab Sample ID: 460-45322-2
Matrix: Water Lab File ID: of193381.d
Analysis Method: 8082 Date Collected: 10/01/2012 14:50
Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
Sample wt/vol: 900 (mL) Date Analyzed: 10/05/2012 05:52
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.: 130682 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	56		37-150

Data File: of193381.d
Report Date: 05-Oct-2012 09:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/of193381.d
Lab Smp Id: 460-45322-D-2-A Client Smp ID: WG-17338-100112-MW1
Inj Date : 05-OCT-2012 05:52
Operator : Inst ID: PESTGC7.i
Smp Info : 460-45322-D-2-A
Misc Info : 460-45322-D-2-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/080f8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 14
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	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
10.503	10.512	-0.009	208837	55.8508	0.31	80.00-	120.00	100.00	

Data File: of193381.d

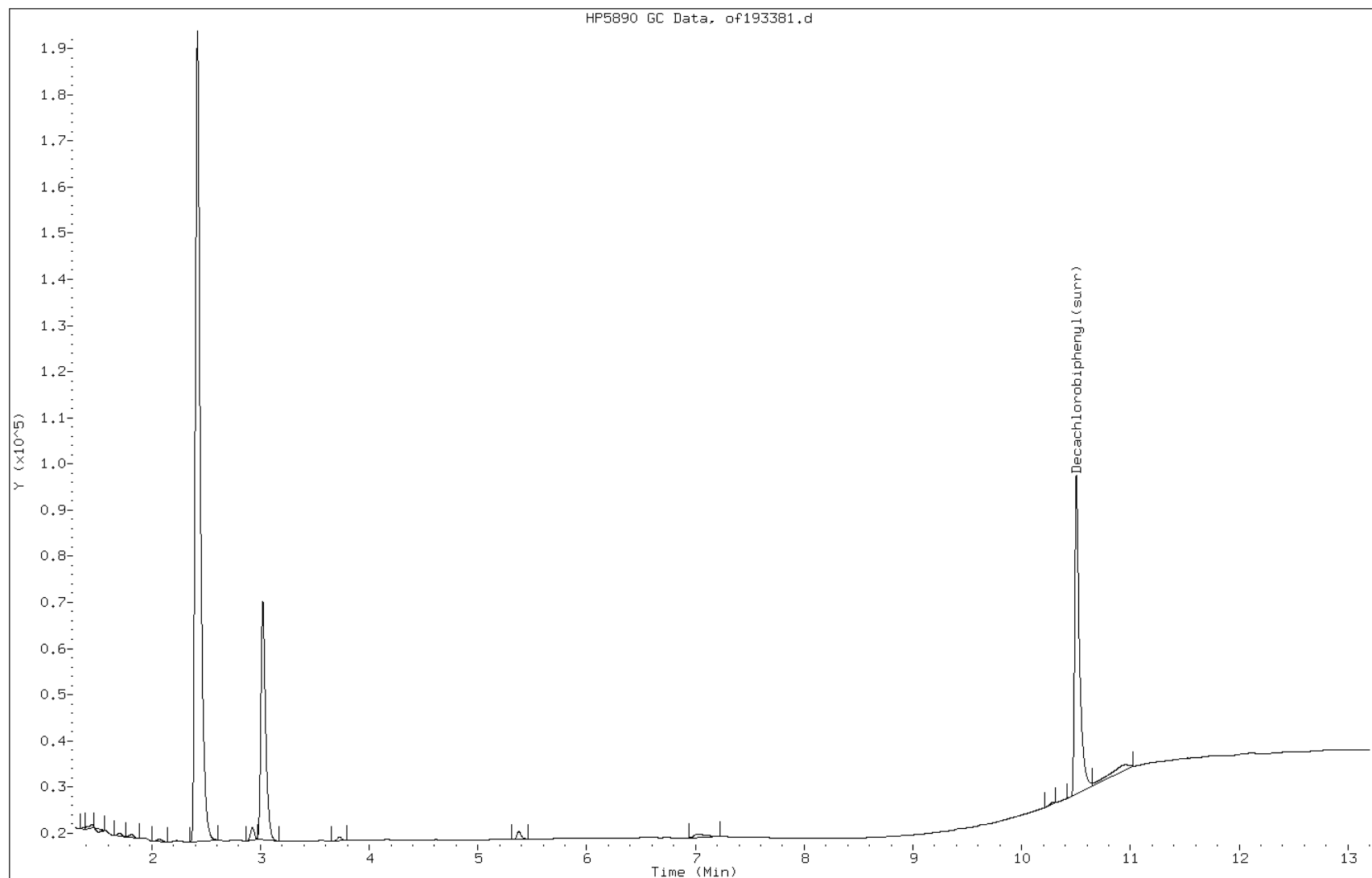
Date: 05-OCT-2012 05:52

Client ID: WG-17338-100112-MW1

Instrument: PESTGC7.i

Sample Info: 460-45322-D-2-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100112-MW110-MM- Lab Sample ID: 460-45322-2
 Matrix: Water Lab File ID: or193381.d
 Analysis Method: 8082 Date Collected: 10/01/2012 14:50
 Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
 Sample wt/vol: 900 (mL) Date Analyzed: 10/05/2012 05:52
 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.: 130682 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.14	U	0.56	0.14
11104-28-2	PCB-1221	0.31	U	0.56	0.31
11141-16-5	PCB-1232	0.13	U	0.56	0.13
53469-21-9	PCB-1242	0.13	U	0.56	0.13
12672-29-6	PCB-1248	0.27	U	0.56	0.27
11097-69-1	PCB-1254	0.19	U	0.56	0.19
11096-82-5	PCB-1260	0.17	U	0.56	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	57		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/or193381.d
Lab Smp Id: 460-45322-D-2-A Client Smp ID: WG-17338-100112-MW1
Inj Date : 05-OCT-2012 05:52
Operator : Inst ID: PESTGC7.i
Smp Info : 460-45322-D-2-A
Misc Info : 460-45322-D-2-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/080r8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.418	9.423	-0.005	274461	56.8794	0.32	80.00-	120.00	100.00	

Data File: or193381.d

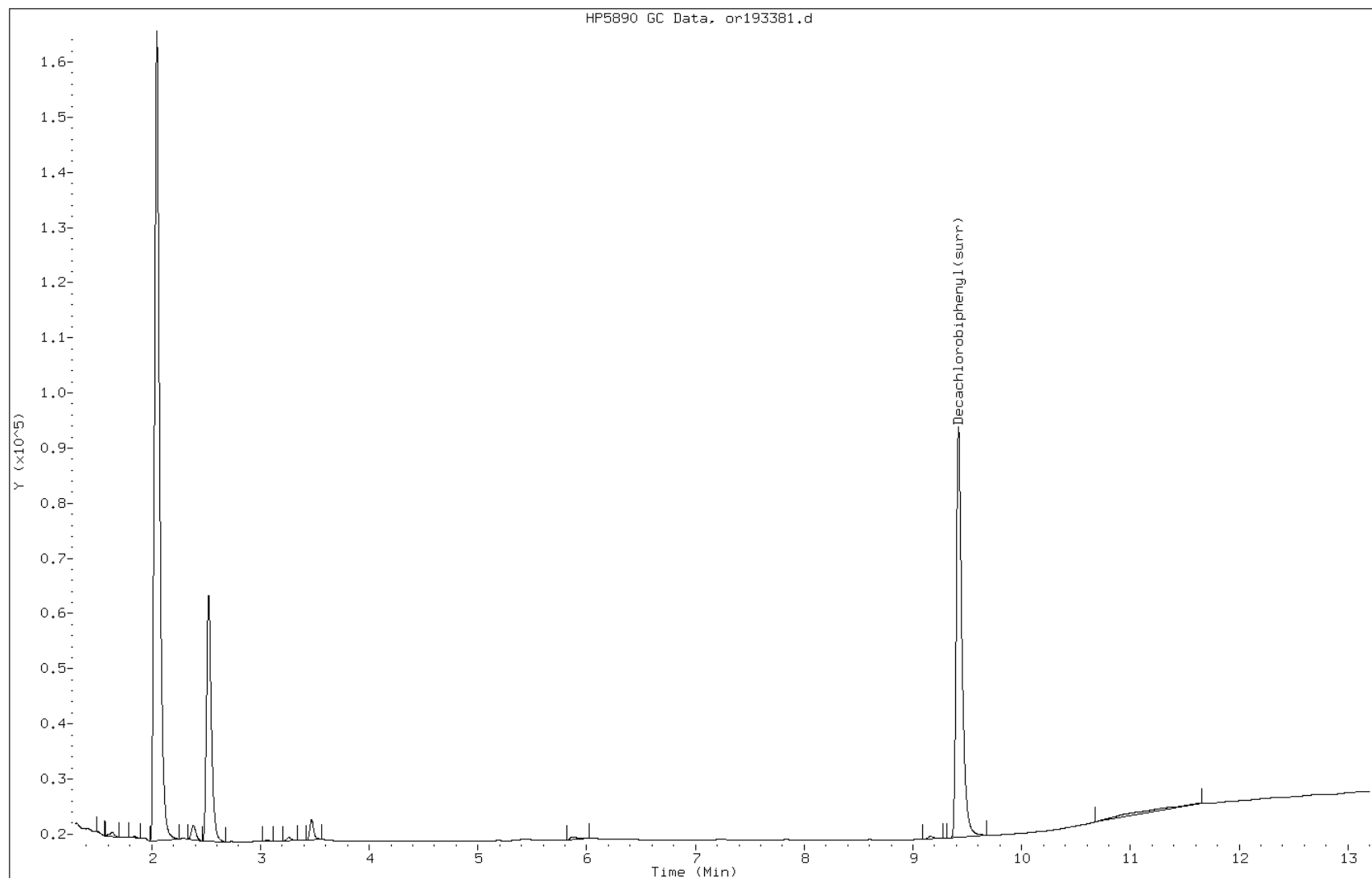
Date: 05-OCT-2012 05:52

Client ID: WG-17338-100112-MW1

Instrument: PESTGC7.i

Sample Info: 460-45322-D-2-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Client Sample ID: WG-17338-100212-MW100-MM- Lab Sample ID: 460-45322-3
Matrix: Water Lab File ID: of193382.d
Analysis Method: 8082 Date Collected: 10/02/2012 10:55
Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
Sample wt/vol: 750 (mL) Date Analyzed: 10/05/2012 06:08
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.: 130682 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	66		37-150

Data File: of193382.d
Report Date: 05-Oct-2012 09:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/of193382.d
Lab Smp Id: 460-45322-D-3-A Client Smp ID: WG-17338-100212-MW1
Inj Date : 05-OCT-2012 06:08
Operator : Inst ID: PESTGC7.i
Smp Info : 460-45322-D-3-A
Misc Info : 460-45322-D-3-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/080f8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	750.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.502	10.512	-0.010	247515	66.1947	0.44	80.00- 120.00	100.00		

Data File: of193382.d

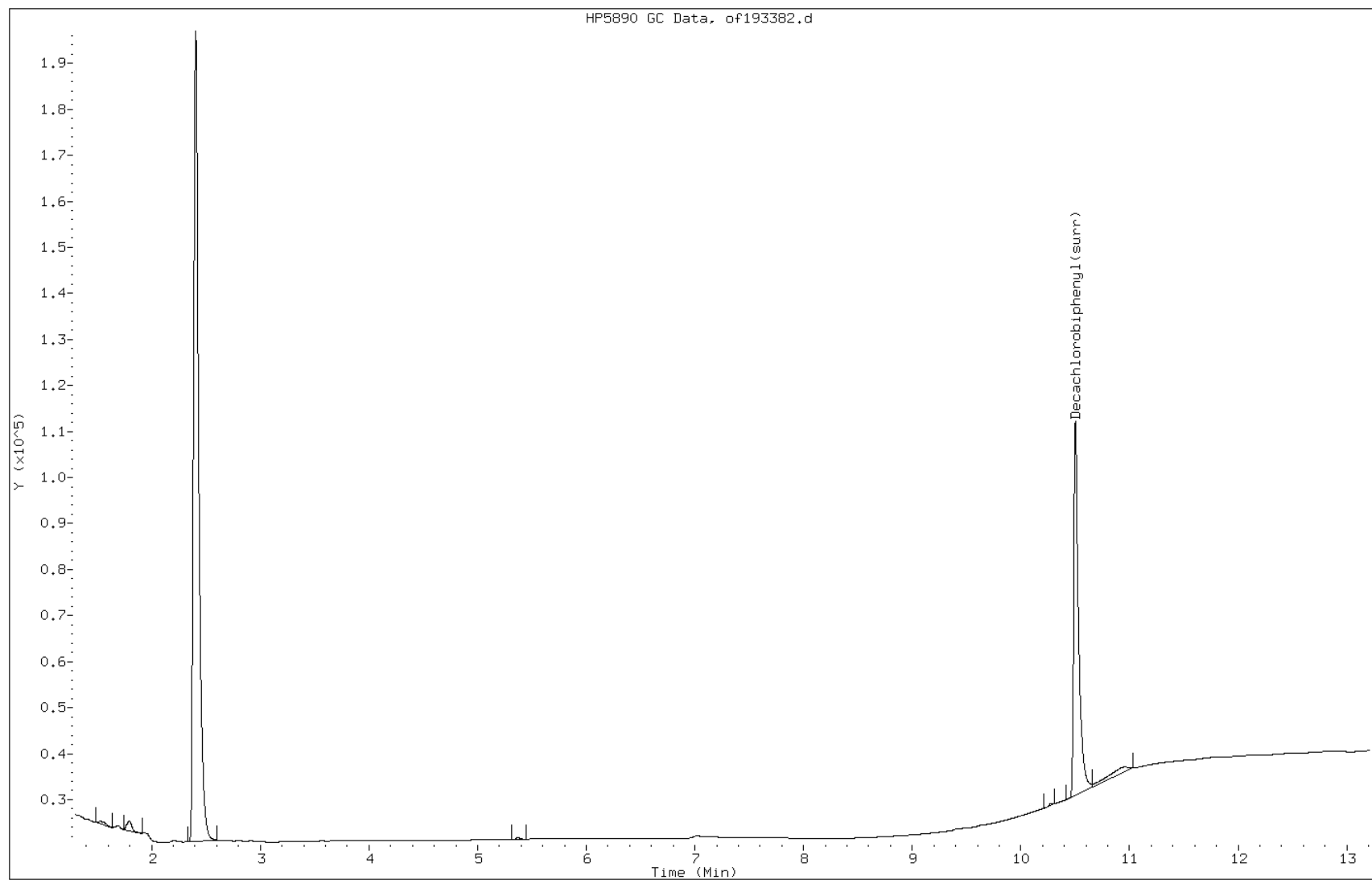
Date: 05-OCT-2012 06:08

Client ID: WG-17338-100212-MW1

Instrument: PESTGC7.i

Sample Info: 460-45322-D-3-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: WG-17338-100212-MW100-MM- Lab Sample ID: 460-45322-3
 Matrix: Water Lab File ID: or193382.d
 Analysis Method: 8082 Date Collected: 10/02/2012 10:55
 Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
 Sample wt/vol: 750 (mL) Date Analyzed: 10/05/2012 06:08
 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.: 130682 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.17	U	0.67	0.17
11104-28-2	PCB-1221	0.37	U	0.67	0.37
11141-16-5	PCB-1232	0.16	U	0.67	0.16
53469-21-9	PCB-1242	0.16	U	0.67	0.16
12672-29-6	PCB-1248	0.32	U	0.67	0.32
11097-69-1	PCB-1254	0.23	U	0.67	0.23
11096-82-5	PCB-1260	0.20	U	0.67	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	67		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/or193382.d
Lab Smp Id: 460-45322-D-3-A Client Smp ID: WG-17338-100212-MW1
Inj Date : 05-OCT-2012 06:08
Operator : Inst ID: PESTGC7.i
Smp Info : 460-45322-D-3-A
Misc Info : 460-45322-D-3-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/080r8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	750.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
9.420	9.423	-0.003	324797	67.3110	0.45	80.00-	120.00	100.00	

Data File: or193382.d

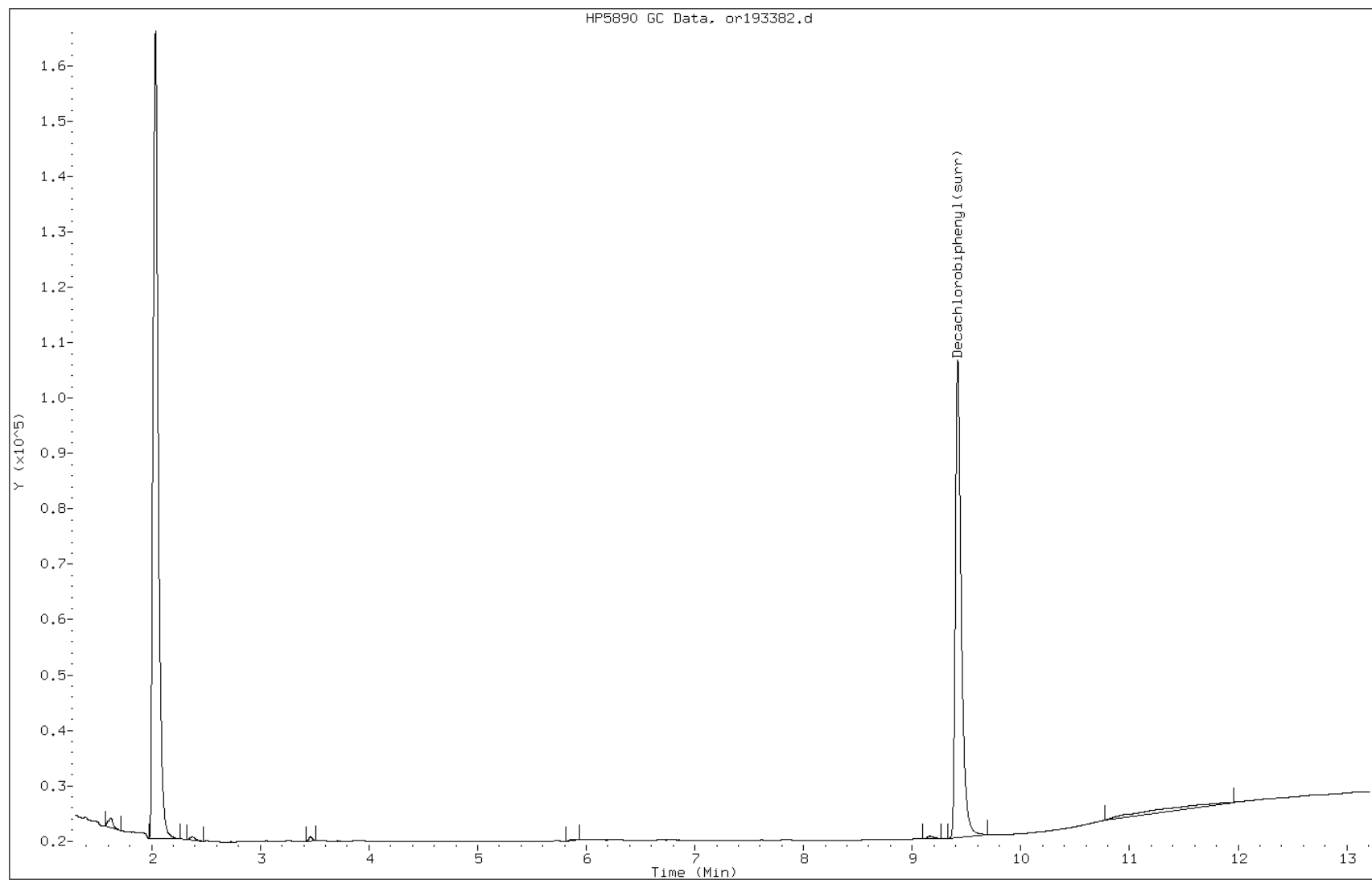
Date: 05-OCT-2012 06:08

Client ID: WG-17338-100212-MW1

Instrument: PESTGC7.i

Sample Info: 460-45322-D-3-A

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17824

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	SG1660LV	of193135.d
Level 2	IC 460-129917/7	of193136.d
Level 3	IC 460-129917/8	of193137.d
Level 4	IC 460-129917/9	of193138.d
Level 5	IC 460-129917/10	of193139.d
Level 6	IC 460-129917/11	of193140.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.945	2.948	2.945	2.937	2.942	2.945					2.867 - 3.007	2.944
PCB-1016 Peak 2	3.402	3.405	3.402	3.395	3.398	3.402					3.325 - 3.465	3.401
PCB-1016 Peak 3	3.690	3.693	3.690	3.683	3.687	3.690					3.613 - 3.753	3.689
PCB-1016 Peak 4	3.920	3.923	3.920	3.915	3.918	3.920					3.845 - 3.985	3.919
PCB-1016 Peak 5	4.092	4.095	4.092	4.087	4.090	4.092					4.017 - 4.157	4.091
PCB-1016 Peak 6	4.377	4.380	4.377	4.373	4.375	4.377					4.303 - 4.443	4.376
PCB-1016 Peak 7	4.668	4.670	4.668	4.665	4.667	4.668					4.595 - 4.735	4.668
PCB-1016 Peak 8	4.820	4.823	4.820	4.817	4.818	4.820					4.747 - 4.887	4.820
PCB-1260 Peak 1	6.302	6.303	6.302	6.300	6.300	6.300					6.230 - 6.370	6.301
PCB-1260 Peak 2	6.607	6.610	6.607	6.605	6.605	6.605					6.535 - 6.675	6.606
PCB-1260 Peak 3	7.245	7.247	7.243	7.243	7.243	7.243					7.173 - 7.313	7.244
PCB-1260 Peak 4	7.408	7.410	7.407	7.407	7.405	7.407					7.337 - 7.477	7.407
PCB-1260 Peak 5	7.518	7.520	7.517	7.517	7.517	7.517					7.447 - 7.587	7.518
PCB-1260 Peak 6	8.062	8.062	8.060	8.058	8.058	8.058					7.988 - 8.128	8.060
PCB-1260 Peak 7	9.275	9.275	9.273	9.273	9.272	9.272					9.203 - 9.343	9.273
PCB-1260 Peak 8	9.967	9.968	9.967	9.967	9.967	9.967					9.897 - 10.037	9.967
DCB Decachlorobiphenyl	10.498	10.498	10.510	10.512	10.512	10.518					10.412 - 10.612	10.508

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17824

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	SG1660LV	of193135.d
Level 2	IC 460-129917/7	of193136.d
Level 3	IC 460-129917/8	of193137.d
Level 4	IC 460-129917/9	of193138.d
Level 5	IC 460-129917/10	of193139.d
Level 6	IC 460-129917/11	of193140.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 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	151.13 115.78	154.30 107.17	126.24	119.21	Ave		124.539480				14.4		20.0			
PCB-1016 Peak 2	395.28 237.78	355.97 216.35	271.02	249.29	Ave								20.0			
PCB-1016 Peak 3	111.46 111.29	138.52 101.98	119.06	110.93	Ave		116.355000				11.8		20.0			
PCB-1016 Peak 4	547.66 452.31	575.20 422.59	490.19	461.40	Ave		480.338093				12.1		20.0			
PCB-1016 Peak 5	220.80 199.55	246.25 186.08	218.84	203.88	Ave		210.919440				10.9		20.0			
PCB-1016 Peak 6	168.17 113.63	153.48 105.23	126.81	110.12	Ave		121.853827				15.9		20.0			
PCB-1016 Peak 7	240.71 128.35	175.58 126.73	157.01	143.19	Ave		146.172107				14.0		20.0			
PCB-1016 Peak 8	157.18 173.82	193.09 162.97	180.29	171.26	Ave		176.285573				6.4		20.0			
PCB-1260 Peak 1	393.36 292.81	422.83 274.36	324.52	295.64	Ave		322.033093				18.4		20.0			
PCB-1260 Peak 2	442.92 336.31	490.73 315.90	375.46	339.48	Ave		371.575947				18.8		20.0			
PCB-1260 Peak 3	536.87 468.67	599.81 447.66	493.02	468.47	Ave		495.525813				12.2		20.0			
PCB-1260 Peak 4	279.68 225.13	326.43 212.25	250.03	228.43	Ave		248.453760				18.4		20.0			
PCB-1260 Peak 5	148.55 143.86	210.48 141.45	161.62	141.56	Ave		159.794480				18.5		20.0			
PCB-1260 Peak 6	294.43 256.30	327.82 250.62	275.35	268.86	Ave		275.788187				11.1		20.0			
PCB-1260 Peak 7	549.15 324.41	368.68 297.22	313.72	284.75	Ave		317.756253				10.2		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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17824

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 6	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	115.31 108.18	113.74 107.24	107.43	107.59	Ave		108.834413				2.5		20.0			
DCB Decachlorobiphenyl	4227.0 3483.8	4226.2 3397.2	3966.4	3622.3	Ave		3739.19533				9.3		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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17824

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	SG1660LV	of193135.d
Level 2	IC 460-129917/7	of193136.d
Level 3	IC 460-129917/8	of193137.d
Level 4	IC 460-129917/9	of193138.d
Level 5	IC 460-129917/10	of193139.d
Level 6	IC 460-129917/11	of193140.d

ANALYTE	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
PCB-1016 Peak 1	Ave	15113 267926	15430	63118	119207	173676	100 2500	100	500	1000	1500
PCB-1016 Peak 2	Ave	39528 540870	35597	135509	249291	356666	100 2500	100	500	1000	1500
PCB-1016 Peak 3	Ave	11146 254950	13852	59529	110925	166938	100 2500	100	500	1000	1500
PCB-1016 Peak 4	Ave	54766 1056487	57520	245093	461403	678460	100 2500	100	500	1000	1500
PCB-1016 Peak 5	Ave	22080 465193	24625	109419	203878	299331	100 2500	100	500	1000	1500
PCB-1016 Peak 6	Ave	16817 263067	15348	63406	110119	170447	100 2500	100	500	1000	1500
PCB-1016 Peak 7	Ave	24071 316823	17558	78506	143186	192530	100 2500	100	500	1000	1500
PCB-1016 Peak 8	Ave	15718 407423	19309	90143	171258	260737	100 2500	100	500	1000	1500
PCB-1260 Peak 1	Ave	39336 685912	42283	162260	295636	439222	100 2500	100	500	1000	1500
PCB-1260 Peak 2	Ave	44292 789746	49073	187729	339480	504470	100 2500	100	500	1000	1500
PCB-1260 Peak 3	Ave	53687 1119146	59981	246511	468472	703000	100 2500	100	500	1000	1500
PCB-1260 Peak 4	Ave	27968 530637	32643	125013	228428	337695	100 2500	100	500	1000	1500
PCB-1260 Peak 5	Ave	14855 353616	21048	80809	141564	215796	100 2500	100	500	1000	1500
PCB-1260 Peak 6	Ave	29443 626544	32782	137673	268862	384443	100 2500	100	500	1000	1500
PCB-1260 Peak 7	Ave	54915 743054	36868	156861	284749	486613	100 2500	100	500	1000	1500
PCB-1260 Peak 8	Ave	11531 268091	11374	53717	107585	162265	100 2500	100	500	1000	1500

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17824

ANALYTE	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
DCB Decachlorobiphenyl	Ave	105674 679448	105656	198320	362231	522568	25.0 200	25.0	50.0	100	150

Curve Type Legend:

Ave = Average

Data File: of193135.d
 Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193135.d
 Lab Smp Id: ic-SG1660L1_00013
 Inj Date : 30-SEP-2012 16:14
 Operator : Inst ID: PESTGC7.i
 Smp Info : SG1660L1_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
 Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
 Cal Date : 30-SEP-2012 16:14 Cal File: of193135.d
 Als bottle: 6 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

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				
2.945	2.937	0.008	15113	100.000	120	80.00-	120.00	100.00	
3.402	3.395	0.007	39528	100.000		209.24-	313.86	261.55	
3.690	3.683	0.007	11146	100.000	100	59.00-	88.50	73.75	
3.920	3.915	0.005	54766	100.000	120	289.90-	434.85	362.38	
4.092	4.087	0.005	22080	100.000	110	116.88-	175.32	146.10	
4.377	4.373	0.004	16817	100.000	130	89.02-	133.53	111.28	
4.668	4.665	0.003	24071	100.000	150	127.42-	191.13	159.27	
4.820	4.817	0.003	15718	100.000	93	83.20-	124.80	104.00	
Average of Peak Amounts =					118				

27 Aroclor-1260					CAS #: 11096-82-5				
6.302	6.300	0.002	39336	100.000	120	80.00-	120.00	100.00	
6.607	6.605	0.002	44292	100.000	120	90.08-	135.12	112.60	

Data File: of193135.d
 Report Date: 01-Oct-2012 07:35

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.245	7.243	0.002	53687	100.000	110	109.19-	163.78	136.48	
7.408	7.407	0.001	27968	100.000	120	56.88-	85.32	71.10	
7.518	7.517	0.001	14855	100.000	100	30.21-	45.32	37.76	
8.062	8.058	0.004	29443	100.000	110	59.88-	89.82	74.85	
9.275	9.273	0.002	54915	100.000	160	111.68-	167.53	139.60	
9.967	9.967	0.000	11531	100.000	100	23.45-	35.18	29.31	
Average of Peak Amounts =					118				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.498	10.512	-0.014	105674	25.0000	28	80.00-	120.00	100.00	

Data File: of193136.d
Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193136.d
Lab Smp Id: ic-SG1660L1_00013
Inj Date : 30-SEP-2012 16:30
Operator : Inst ID: PESTGC7.i
Smp Info : SG1660L1_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 16:30 Cal File: of193136.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

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			
2.948	2.937	0.011	15430	100.000	120	80.00- 120.00	100.00(M)
3.405	3.395	0.010	35597	100.000		184.56- 276.84	230.70
3.693	3.683	0.010	13852	100.000	120	71.82- 107.73	89.77
3.923	3.915	0.008	57520	100.000	120	298.22- 447.34	372.78
4.095	4.087	0.008	24625	100.000	120	127.67- 191.51	159.59
4.380	4.373	0.007	15348	100.000	120	79.57- 119.36	99.47
4.670	4.665	0.005	17558	100.000	120	91.03- 136.55	113.79
4.823	4.817	0.006	19309	100.000	110	100.11- 150.17	125.14
Average of Peak Amounts =				119			
27 Aroclor-1260				CAS #: 11096-82-5			
6.303	6.300	0.003	42283	100.000	130	80.00- 120.00	100.00(M)
6.610	6.605	0.005	49073	100.000	130	92.85- 139.27	116.06

Data File: of193136.d
 Report Date: 01-Oct-2012 07:35

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.247	7.243	0.004	59981	100.000	120	113.48-	170.23	141.86	
7.410	7.407	0.003	32643	100.000	130	61.76-	92.64	77.20	
7.520	7.517	0.003	21048	100.000	130	39.82-	59.73	49.78	
8.062	8.058	0.004	32782	100.000	120	62.02-	93.04	77.53	
9.275	9.273	0.002	36868	100.000	120	69.75-	104.63	87.19	
9.968	9.967	0.001	11374	100.000	100	21.52-	32.28	26.90	
Average of Peak Amounts =					123				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.498	10.512	-0.014	105656	25.0000	28	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of193136.d

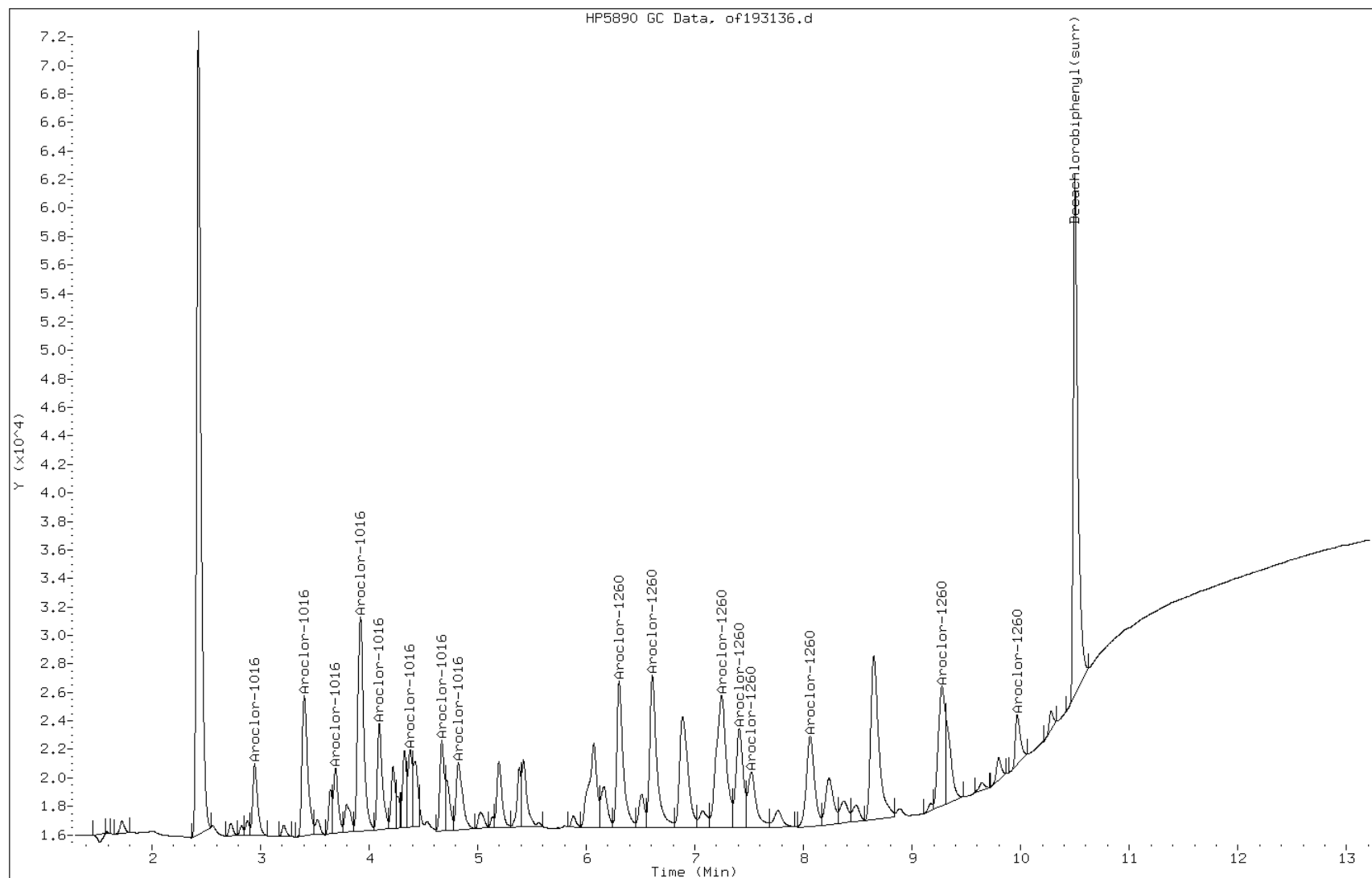
Date: 30-SEP-2012 16:30

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1660L1_00013

Operator:



Data File: of193137.d
Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193137.d
Lab Smp Id: SG1660L2_00019
Inj Date : 30-SEP-2012 16:47
Operator : Inst ID: PESTGC7.i
Smp Info : SG1660L2_00019
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 16:47 Cal File: of193137.d
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

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			
2.945	2.937	0.008	63118	500.000	510	80.00- 120.00	100.00(M)
3.402	3.395	0.007	135509	500.000		171.75- 257.63	214.69
3.690	3.683	0.007	59529	500.000	510	75.45- 113.18	94.31
3.920	3.915	0.005	245093	500.000	510	310.65- 465.97	388.31
4.092	4.087	0.005	109419	500.000	520	138.69- 208.03	173.36
4.377	4.373	0.004	63406	500.000	520	80.37- 120.55	100.46
4.668	4.665	0.003	78506	500.000	540	99.50- 149.26	124.38
4.820	4.817	0.003	90143	500.000	510	114.25- 171.38	142.82
Average of Peak Amounts =				517			
27 Aroclor-1260				CAS #: 11096-82-5			
6.302	6.300	0.002	162260	500.000	500	80.00- 120.00	100.00(M)
6.607	6.605	0.002	187729	500.000	500	92.56- 138.84	115.70

Data File: of193137.d
 Report Date: 01-Oct-2012 07:35

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.243	7.243	0.000	246511	500.000	500	121.54-	182.31	151.92	
7.407	7.407	0.000	125013	500.000	500	61.64-	92.45	77.04	
7.517	7.517	0.000	80809	500.000	500	39.84-	59.76	49.80	
8.060	8.058	0.002	137673	500.000	500	67.88-	101.82	84.85	
9.273	9.273	0.000	156861	500.000	490	77.34-	116.01	96.67	
9.967	9.967	0.000	53717	500.000	490	26.48-	39.73	33.11	
Average of Peak Amounts =					500				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.510	10.512	-0.002	198320	50.0000	53	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of193137.d

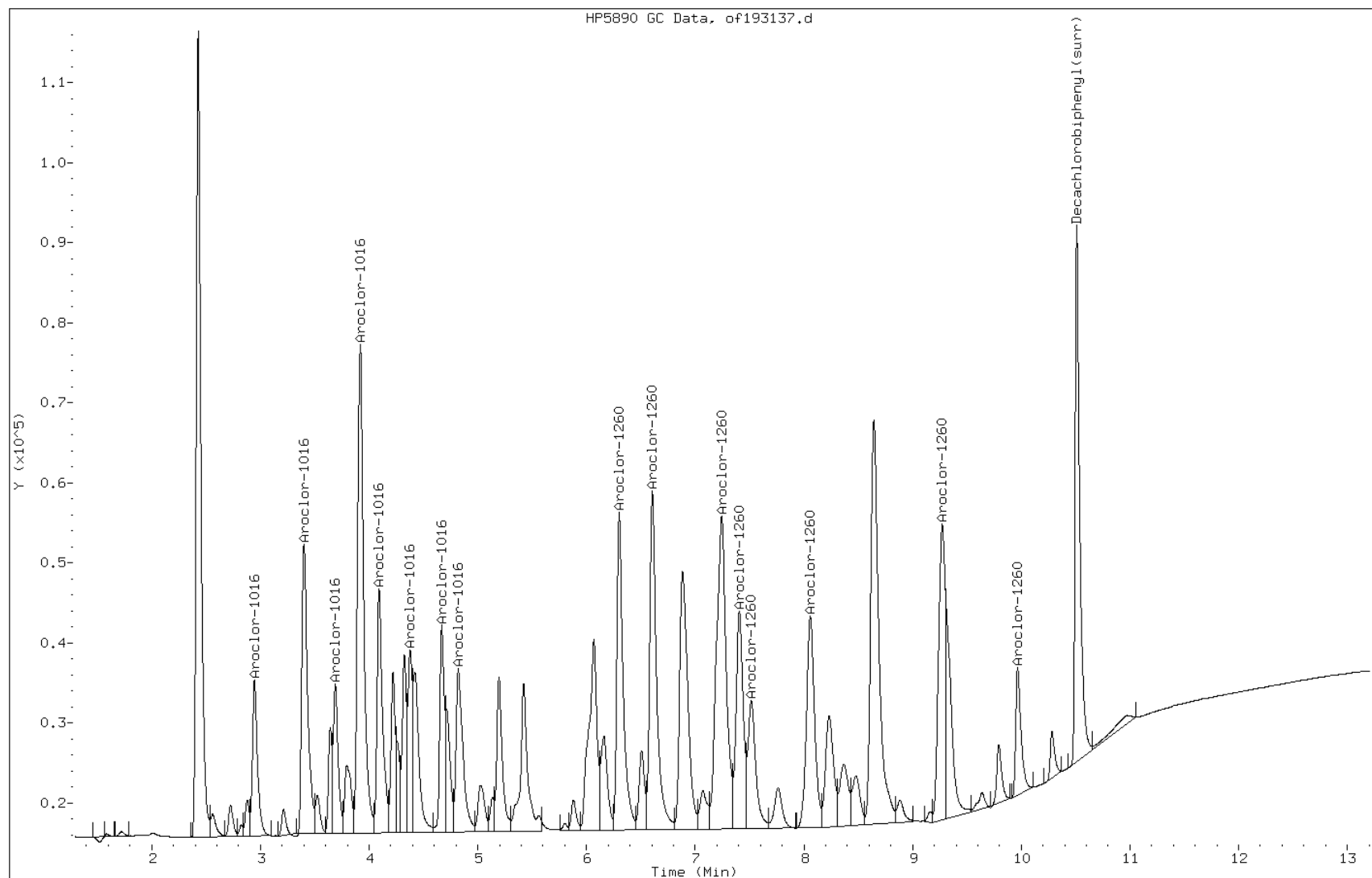
Date: 30-SEP-2012 16:47

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1660L2_00019

Operator:



Data File: of193138.d
 Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193138.d
 Lab Smp Id: ic-SG1660L3_00013
 Inj Date : 30-SEP-2012 17:03
 Operator : Inst ID: PESTGC7.i
 Smp Info : SG1660L3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
 Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
 Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
 Als bottle: 9 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

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				
2.937	2.937	0.000	119207	1000.00	960	80.00-	120.00	100.00(M)	
3.395	3.395	0.000	249291	1000.00		167.30-	250.95	209.12	
3.683	3.683	0.000	110925	1000.00	950	74.44-	111.66	93.05	
3.915	3.915	0.000	461403	1000.00	960	309.65-	464.47	387.06	
4.087	4.087	0.000	203878	1000.00	970	136.82-	205.23	171.03	
4.373	4.373	0.000	110119	1000.00	900	73.90-	110.85	92.38	
4.665	4.665	0.000	143186	1000.00	980	96.09-	144.14	120.12	
4.817	4.817	0.000	171258	1000.00	970	114.93-	172.40	143.66	
Average of Peak Amounts =					956				

27 Aroclor-1260					CAS #: 11096-82-5				
6.300	6.300	0.000	295636	1000.00	920	80.00-	120.00	100.00(M)	
6.605	6.605	0.000	339480	1000.00	910	91.86-	137.80	114.83	

Data File: of193138.d
 Report Date: 01-Oct-2012 07:35

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.243	7.243	0.000	468472	1000.00	940	126.77-	190.15	158.46	
7.407	7.407	0.000	228428	1000.00	920	61.81-	92.72	77.27	
7.517	7.517	0.000	141564	1000.00	880	38.31-	57.46	47.88	
8.058	8.058	0.000	268862	1000.00	970	72.75-	109.13	90.94	
9.273	9.273	0.000	284749	1000.00	900	77.05-	115.58	96.32	
9.967	9.967	0.000	107585	1000.00	990	29.11-	43.67	36.39	
Average of Peak Amounts =					930				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.512	10.512	0.000	362231	100.000	97	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of193138.d

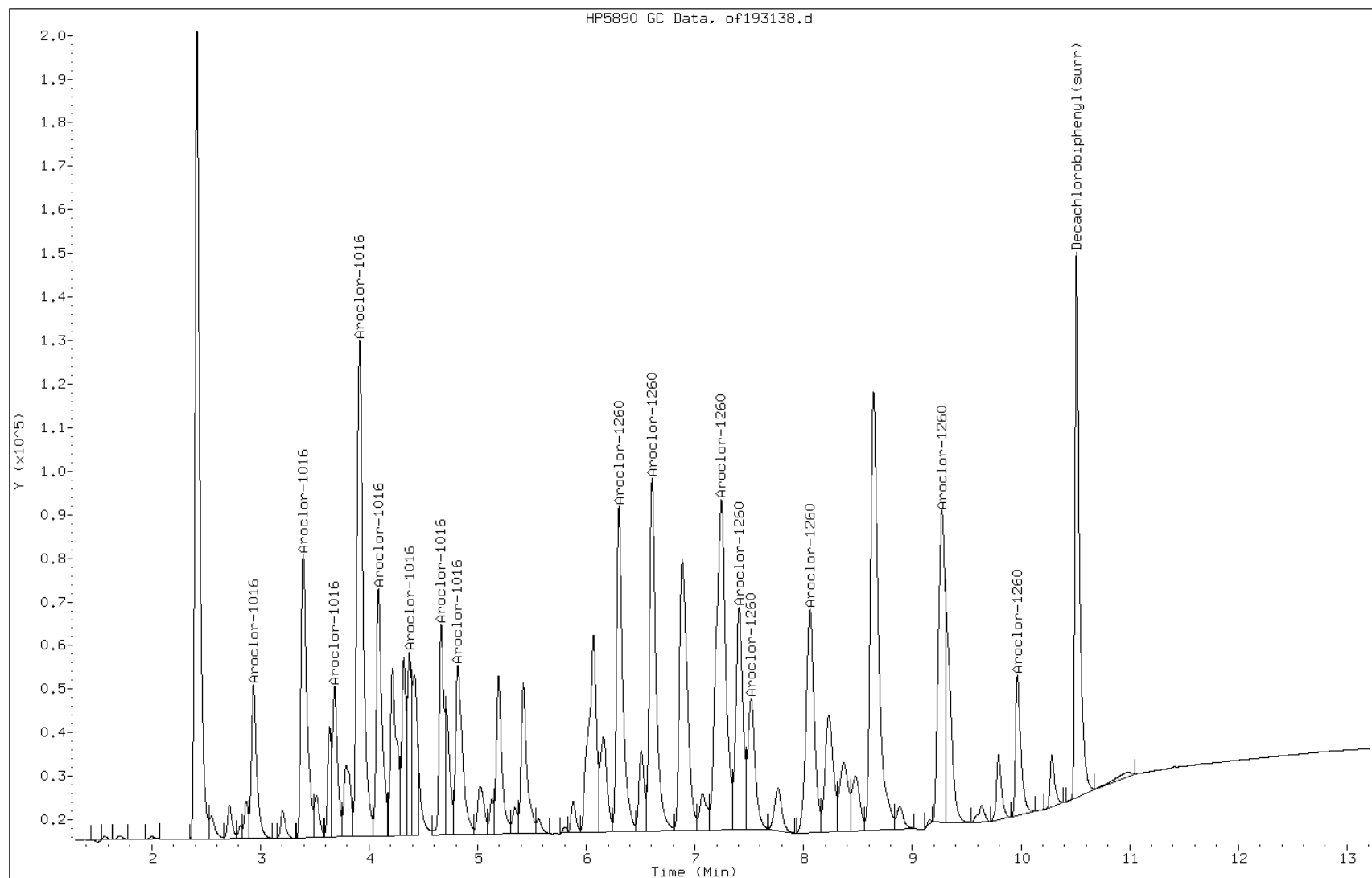
Date: 30-SEP-2012 17:03

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1660L3_00013

Operator:



Data File: of193139.d
Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193139.d
Lab Smp Id: ic-sg1660l4_00014
Inj Date : 30-SEP-2012 17:20
Operator : Inst ID: PESTGC7.i
Smp Info : sg1660l4_00014
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 17:20 Cal File: of193139.d
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

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				
2.942	2.937	0.005	173676	1500.00	1400	80.00-	120.00	100.00(M)	
3.398	3.395	0.003	356666	1500.00		164.29-	246.44	205.36	
3.687	3.683	0.004	166938	1500.00	1400	76.90-	115.34	96.12	
3.918	3.915	0.003	678460	1500.00	1400	312.52-	468.78	390.65	
4.090	4.087	0.003	299331	1500.00	1400	137.88-	206.82	172.35	
4.375	4.373	0.002	170447	1500.00	1400	78.51-	117.77	98.14	
4.667	4.665	0.002	192530	1500.00	1300	88.68-	133.03	110.86	
4.818	4.817	0.001	260737	1500.00	1500	120.10-	180.15	150.13	
Average of Peak Amounts =					1.41e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.300	6.300	0.000	439222	1500.00	1400	80.00-	120.00	100.00(M)	
6.605	6.605	0.000	504470	1500.00	1400	91.88-	137.83	114.86	

Data File: of193139.d
 Report Date: 01-Oct-2012 07:35

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.243	7.243	0.000	703000	1500.00	1400	128.04-	192.07	160.06	
7.405	7.407	-0.002	337695	1500.00	1400	61.51-	92.26	76.88	
7.517	7.517	0.000	215796	1500.00	1400	39.31-	58.96	49.13	
8.058	8.058	0.000	384443	1500.00	1400	70.02-	105.03	87.53	
9.272	9.273	-0.001	486613	1500.00	1500	88.63-	132.95	110.79	
9.967	9.967	0.000	162265	1500.00	1500	29.55-	44.33	36.94	
Average of Peak Amounts =					1.41e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.512	10.512	0.000	522568	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of193139.d

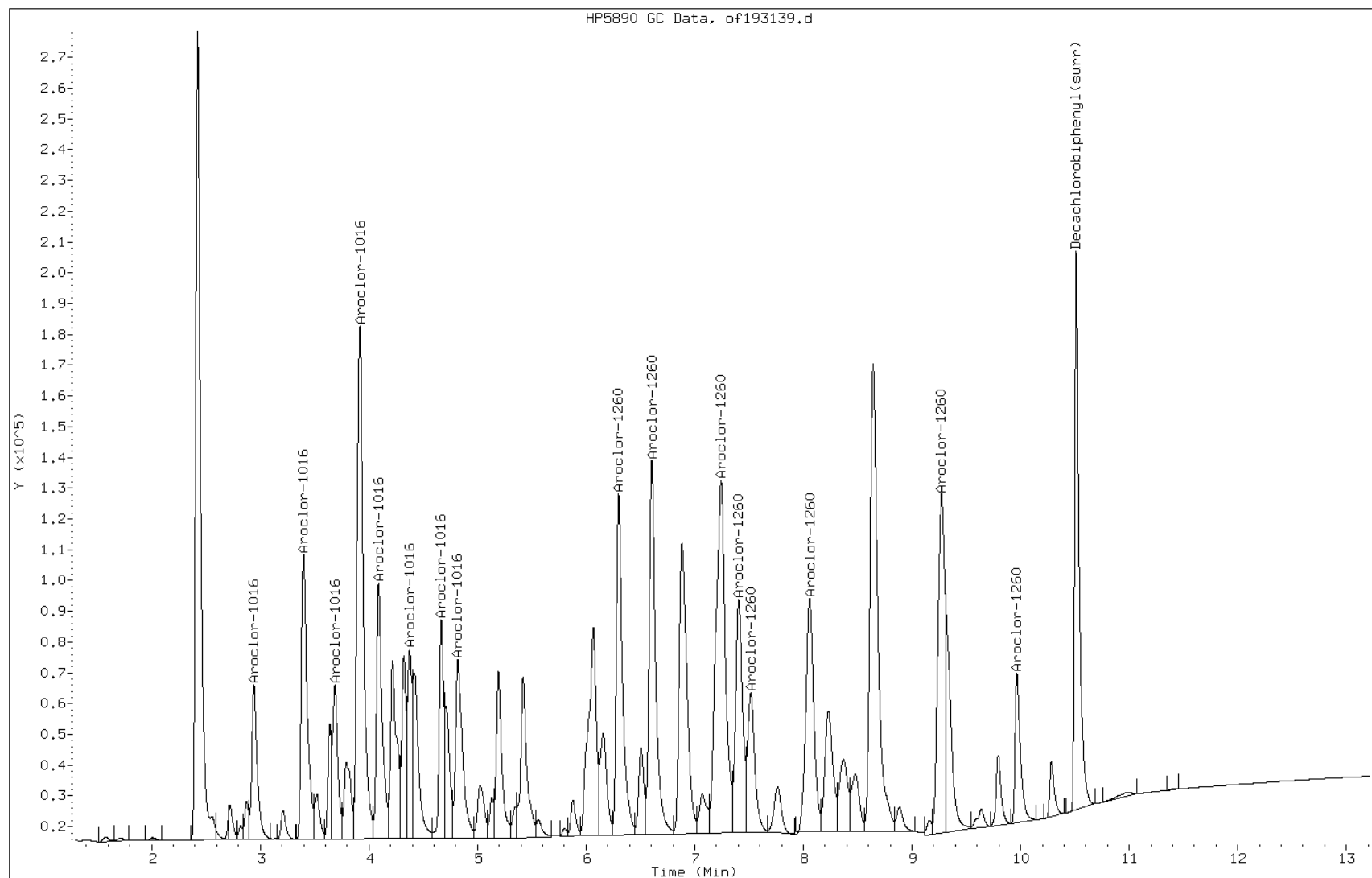
Date: 30-SEP-2012 17:20

Client ID:

Instrument: PESTGC7.i

Sample Info: sg1660l4_00014

Operator:



Data File: of193140.d
Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193140.d
Lab Smp Id: ic-SG1660L5_00013
Inj Date : 30-SEP-2012 17:37
Operator :
Smp Info : SG1660L5_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
Meth Date : 01-Oct-2012 07:35 sita
Cal Date : 30-SEP-2012 17:37
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of193140.d
Calibration Sample, Level: 5
Compound Sublist: AR16600S.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

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				
2.945	2.937	0.008	267926	2500.00	2200	80.00- 120.00	100.00(M)
3.402	3.395	0.007	540870	2500.00		161.50- 242.25	201.87
3.690	3.683	0.007	254950	2500.00	2200	76.13- 114.19	95.16
3.920	3.915	0.005	1056487	2500.00	2200	315.46- 473.18	394.32
4.092	4.087	0.005	465193	2500.00	2200	138.90- 208.35	173.63
4.377	4.373	0.004	263067	2500.00	2200	78.55- 117.82	98.19
4.668	4.665	0.003	316823	2500.00	2200	94.60- 141.90	118.25
4.820	4.817	0.003	407423	2500.00	2300	121.65- 182.48	152.07
Average of Peak Amounts =			2.2e+03				
27 Aroclor-1260			CAS #: 11096-82-5				
6.300	6.300	0.000	685912	2500.00	2100	80.00- 120.00	100.00(M)
6.605	6.605	0.000	789746	2500.00	2100	92.11- 138.17	115.14

Data File: of193140.d
 Report Date: 01-Oct-2012 07:35

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.243	7.243	0.000	1119146	2500.00	2200	130.53-	195.79	163.16	
7.407	7.407	0.000	530637	2500.00	2100	61.89-	92.83	77.36	
7.517	7.517	0.000	353616	2500.00	2200	41.24-	61.86	51.55	
8.058	8.058	0.000	626544	2500.00	2300	73.08-	109.61	91.34	
9.272	9.273	-0.001	743054	2500.00	2300	86.66-	130.00	108.33	
9.967	9.967	0.000	268091	2500.00	2500	31.27-	46.90	39.09	
Average of Peak Amounts =					2.24e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.518	10.512	0.006	679448	200.000	180	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of193140.d

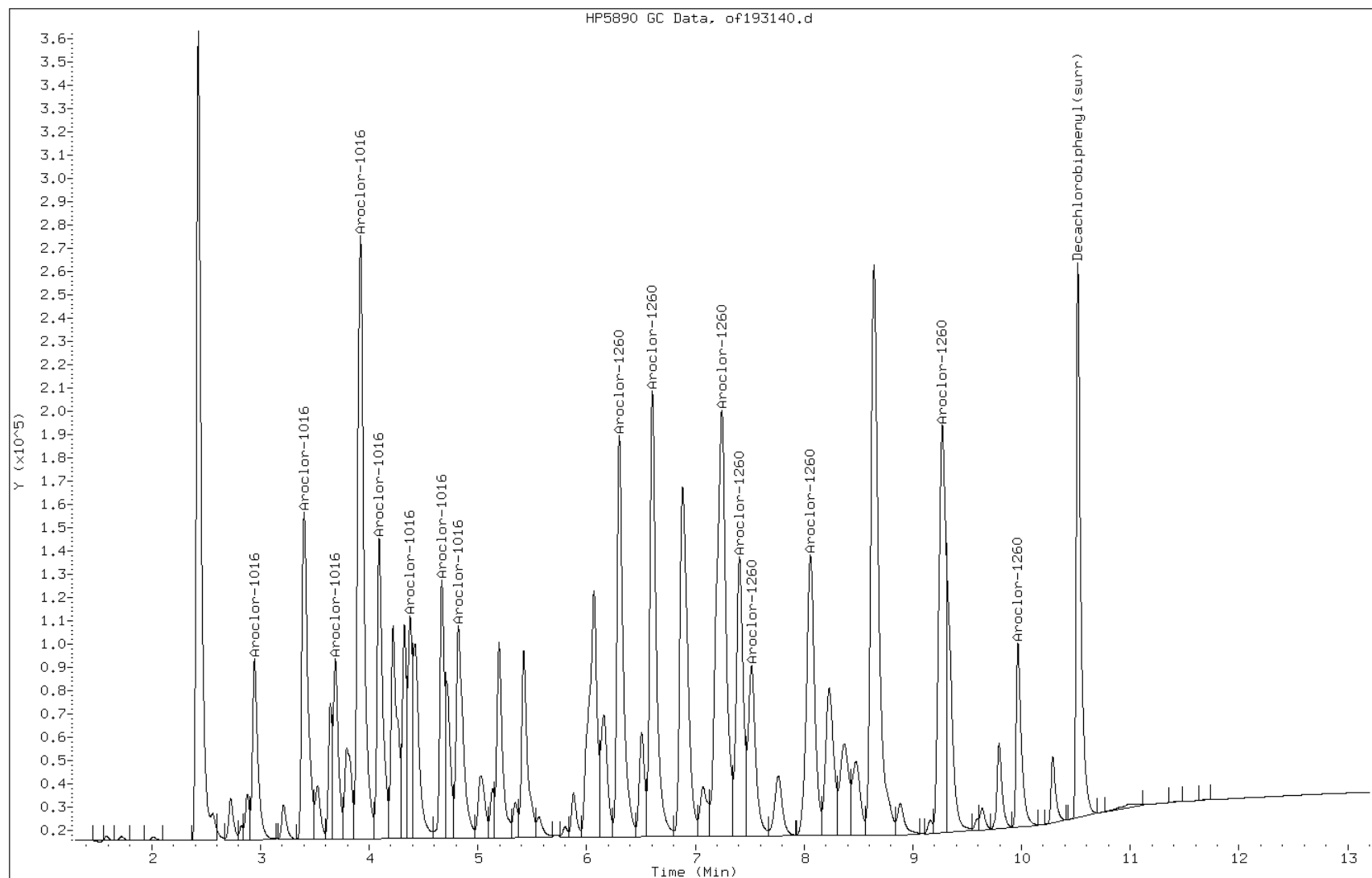
Date: 30-SEP-2012 17:37

Client ID:

Instrument: PESTGC7.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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17823

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	SG1660LV	or193135.d
Level 2	IC 460-129917/7	or193136.d
Level 3	IC 460-129917/8	or193137.d
Level 4	IC 460-129917/9	or193138.d
Level 5	IC 460-129917/10	or193139.d
Level 6	IC 460-129917/11	or193140.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.355	2.358	2.355	2.345	2.350	2.355					2.275 - 2.415	2.353
PCB-1016 Peak 2	2.683	2.688	2.685	2.675	2.680	2.685					2.605 - 2.745	2.683
PCB-1016 Peak 3	2.878	2.882	2.880	2.870	2.873	2.878					2.800 - 2.940	2.877
PCB-1016 Peak 4	3.142	3.147	3.143	3.137	3.140	3.143					3.067 - 3.207	3.142
PCB-1016 Peak 5	3.288	3.292	3.290	3.283	3.285	3.288					3.213 - 3.353	3.288
PCB-1016 Peak 6	3.475	3.480	3.502	3.497	3.498	3.503					3.427 - 3.567	3.493
PCB-1016 Peak 7	3.732	3.733	3.732	3.727	3.728	3.730					3.657 - 3.797	3.730
PCB-1016 Peak 8	3.827	3.828	3.827	3.822	3.825	3.827					3.752 - 3.892	3.826
PCB-1260 Peak 1	5.158	5.160	5.157	5.155	5.155	5.155					5.085 - 5.225	5.157
PCB-1260 Peak 2	5.503	5.505	5.503	5.500	5.500	5.502					5.430 - 5.570	5.502
PCB-1260 Peak 3	5.853	5.855	5.852	5.850	5.848	5.848					5.780 - 5.920	5.851
PCB-1260 Peak 4	5.997	5.997	5.995	5.993	5.992	5.993					5.923 - 6.063	5.994
PCB-1260 Peak 5	6.327	6.328	6.325	6.325	6.323	6.323					6.255 - 6.395	6.325
PCB-1260 Peak 6	7.298	7.300	7.297	7.295	7.293	7.293					7.225 - 7.365	7.296
PCB-1260 Peak 7	7.453	7.453	7.452	7.452	7.450	7.452					7.382 - 7.522	7.452
PCB-1260 Peak 8	8.670	8.670	8.668	8.667	8.665	8.665					8.597 - 8.737	8.668
DCB Decachlorobiphenyl	9.425	9.425	9.423	9.423	9.422	9.422					9.323 - 9.523	9.423

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17823

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	SG1660LV	or193135.d
Level 2	IC 460-129917/7	or193136.d
Level 3	IC 460-129917/8	or193137.d
Level 4	IC 460-129917/9	or193138.d
Level 5	IC 460-129917/10	or193139.d
Level 6	IC 460-129917/11	or193140.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 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	204.22 119.80	150.05 105.89	111.13	122.52	Ave		121.879467				14.0		20.0			
PCB-1016 Peak 2	306.00 199.66	265.68 177.89	223.11	208.77	Ave		215.022213				15.2		20.0			
PCB-1016 Peak 3	175.56 150.30	140.15 135.43	148.11	152.11	Ave		145.219440				4.9		20.0			
PCB-1016 Peak 4	505.06 416.30	488.75 387.69	432.60	422.35	Ave		429.537800				8.6		20.0			
PCB-1016 Peak 5	211.74 159.87	206.49 147.03	172.60	165.69	Ave		170.336333				13.1		20.0			
PCB-1016 Peak 6	782.25 200.10	402.97 163.80	199.88	204.87	Ave								20.0			
PCB-1016 Peak 7	227.26 172.75	221.45 155.98	182.56	175.69	Ave		181.685680				13.4		20.0			
PCB-1016 Peak 8	201.18 83.371	83.660 62.972	73.020	80.563	Ave		76.7172667				11.5		20.0			
PCB-1260 Peak 1	291.87 252.56	348.40 222.90	269.44	255.26	Ave		269.708947				17.5		20.0			
PCB-1260 Peak 2	478.65 436.46	577.54 392.07	463.34	441.19	Ave		462.119653				15.0		20.0			
PCB-1260 Peak 3	375.25 416.42	472.76 381.34	418.02	414.51	Ave		420.609387				7.8		20.0			
PCB-1260 Peak 4	237.82 197.17	249.90 176.07	210.31	200.43	Ave		206.778600				13.1		20.0			
PCB-1260 Peak 5	472.37 212.28	290.61 188.09	189.29	208.34	Ave		217.720133				19.4		20.0			
PCB-1260 Peak 6	373.83 237.49	200.56 225.93	200.70	225.60	Ave		218.056653				7.6		20.0			
PCB-1260 Peak 7	194.90 192.38	206.87 161.01	177.91	190.00	Ave		185.633853				9.3		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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17823

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 6	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	154.04 145.03	151.34 133.80	148.99	146.10	Ave		145.050200				4.7		20.0			
DCB Decachlorobiphenyl	5681.3 4408.6	5741.6 4250.8	5118.4	4607.1	Ave		4825.31833				12.6		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17823

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	SG1660LV	or193135.d
Level 2	IC 460-129917/7	or193136.d
Level 3	IC 460-129917/8	or193137.d
Level 4	IC 460-129917/9	or193138.d
Level 5	IC 460-129917/10	or193139.d
Level 6	IC 460-129917/11	or193140.d

ANALYTE	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
PCB-1016 Peak 1	Ave	20422 264735	15005	55567	122522	179696	100 2500	100	500	1000	1500
PCB-1016 Peak 2	Ave	30600 444716	26568	111557	208772	299488	100 2500	100	500	1000	1500
PCB-1016 Peak 3	Ave	17556 338573	14015	74055	152108	225450	100 2500	100	500	1000	1500
PCB-1016 Peak 4	Ave	50506 969230	48875	216298	422347	624456	100 2500	100	500	1000	1500
PCB-1016 Peak 5	Ave	21174 367575	20649	86301	165691	239803	100 2500	100	500	1000	1500
PCB-1016 Peak 6	Ave	78225 409497	40297	99941	204873	300150	100 2500	100	500	1000	1500
PCB-1016 Peak 7	Ave	22726 389946	22145	91281	175692	259119	100 2500	100	500	1000	1500
PCB-1016 Peak 8	Ave	20118 157430	8366	36510	80563	125057	100 2500	100	500	1000	1500
PCB-1260 Peak 1	Ave	29187 557241	34840	134719	255255	378833	100 2500	100	500	1000	1500
PCB-1260 Peak 2	Ave	47865 980179	57754	231669	441186	654694	100 2500	100	500	1000	1500
PCB-1260 Peak 3	Ave	37525 953344	47276	209011	414512	624623	100 2500	100	500	1000	1500
PCB-1260 Peak 4	Ave	23782 440185	24990	105156	200433	295761	100 2500	100	500	1000	1500
PCB-1260 Peak 5	Ave	47237 470215	29061	94644	208336	318421	100 2500	100	500	1000	1500
PCB-1260 Peak 6	Ave	37383 564824	20056	100351	225603	356233	100 2500	100	500	1000	1500
PCB-1260 Peak 7	Ave	19490 402534	20687	88955	189995	288571	100 2500	100	500	1000	1500
PCB-1260 Peak 8	Ave	15404 334500	15134	74495	146095	217539	100 2500	100	500	1000	1500

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 16:14 Calibration End Date: 09/30/2012 17:37 Calibration ID: 17823

ANALYTE	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
DCB Decachlorobiphenyl	Ave	142032 850157	143541	255922	460714	661288	25.0 200	25.0	50.0	100	150

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193135.d
Lab Smp Id: ic-SG1660L1_00013
Inj Date : 30-SEP-2012 16:14
Operator :
Smp Info : SG1660L1_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita
Cal Date : 26-SEP-2012 11:37
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or192981.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

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				
2.355	2.345	0.010	20422	100.000	170	80.00-	120.00	100.00	
2.683	2.675	0.008	30600	100.000	140	134.39-	201.58	149.84	
2.878	2.870	0.008	17556	100.000	120	102.31-	153.47	85.97	
3.142	3.137	0.005	50506	100.000	120	292.89-	439.34	247.31	
3.288	3.283	0.005	21174	100.000	120	111.08-	166.62	103.68	
3.475	3.497	-0.022	78225	100.000		123.75-	185.62	383.04	
3.732	3.727	0.005	22726	100.000	120	117.84-	176.76	111.28	
3.827	3.822	0.005	20118	100.000	260	47.57-	71.36	98.51	
Average of Peak Amounts =					151				

27 Aroclor-1260					CAS #: 11096-82-5				
5.158	5.155	0.003	29187	100.000	110	80.00-	120.00	100.00	
5.503	5.500	0.003	47865	100.000	100	140.72-	211.08	163.99	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.853	5.850	0.003	37525	100.000	89	136.87-	205.30	128.57	
5.997	5.993	0.004	23782	100.000	120	63.19-	94.79	81.48	
6.327	6.325	0.002	47237	100.000	220	67.51-	101.26	161.84	
7.298	7.295	0.003	37383	100.000	170	81.09-	121.63	128.08	
7.453	7.452	0.001	19490	100.000	100	57.79-	86.68	66.78	
8.670	8.667	0.003	15404	100.000	110	48.02-	72.03	52.78	
Average of Peak Amounts =					127				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.425	9.423	0.002	142032	25.0000	29	80.00-	120.00	100.00	

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193136.d
Lab Smp Id: ic-SG1660L1_00013
Inj Date : 30-SEP-2012 16:30
Operator :
Smp Info : SG1660L1_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita
Cal Date : 26-SEP-2012 11:37
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or192981.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

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				
2.358	2.345	0.013	15005	100.000	120	80.00-	120.00	100.00(M)	
2.688	2.675	0.013	26568	100.000	120	134.39-	201.58	177.06	
2.882	2.870	0.012	14015	100.000	96	102.31-	153.47	93.40	
3.147	3.137	0.010	48875	100.000	110	292.89-	439.34	325.72	
3.292	3.283	0.009	20649	100.000	120	111.08-	166.62	137.61	
3.480	3.497	-0.017	40297	100.000		123.75-	185.62	268.56	
3.733	3.727	0.006	22145	100.000	120	117.84-	176.76	147.58	
3.828	3.822	0.006	8366	100.000	110	47.57-	71.36	55.75	
Average of Peak Amounts =					116				

27 Aroclor-1260					CAS #: 11096-82-5				
5.160	5.155	0.005	34840	100.000	130	80.00-	120.00	100.00(M)	
5.505	5.500	0.005	57754	100.000	120	140.72-	211.08	165.77	

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.855	5.850	0.005	47276	100.000	110	136.87-	205.30	135.69	
5.997	5.993	0.004	24990	100.000	120	63.19-	94.79	71.73	
6.328	6.325	0.003	29061	100.000	130	67.51-	101.26	83.41	
7.300	7.295	0.005	20056	100.000	92	81.09-	121.63	57.57	
7.453	7.452	0.001	20687	100.000	110	57.79-	86.68	59.38	
8.670	8.667	0.003	15134	100.000	100	48.02-	72.03	43.44	
Average of Peak Amounts =					116				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.425	9.423	0.002	143541	25.0000	30	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193137.d
Lab Smp Id: SG1660L2_00019
Inj Date : 30-SEP-2012 16:47
Operator : Inst ID: PESTGC7.i
Smp Info : SG1660L2_00019
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

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		
2.355	2.345	0.010	55567 500.000	460 80.00- 120.00	100.00(M)	
2.685	2.675	0.010	111557 500.000	520 134.39- 201.58	200.76	
2.880	2.870	0.010	74055 500.000	510 102.31- 153.47	133.27	
3.143	3.137	0.006	216298 500.000	500 292.89- 439.34	389.26	
3.290	3.283	0.007	86301 500.000	510 111.08- 166.62	155.31	
3.502	3.497	0.005	99941 500.000	123.75- 185.62	179.86	
3.732	3.727	0.005	91281 500.000	500 117.84- 176.76	164.27	
3.827	3.822	0.005	36510 500.000	480 47.57- 71.36	65.70	
Average of Peak Amounts =				496		

27 Aroclor-1260				CAS #: 11096-82-5		
5.157	5.155	0.002	134719 500.000	500 80.00- 120.00	100.00(M)	
5.503	5.500	0.003	231669 500.000	500 140.72- 211.08	171.96	

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.852	5.850	0.002	209011	500.000	500	136.87-	205.30	155.15	
5.995	5.993	0.002	105156	500.000	510	63.19-	94.79	78.06	
6.325	6.325	0.000	94644	500.000	430	67.51-	101.26	70.25	
7.297	7.295	0.002	100351	500.000	460	81.09-	121.63	74.49	
7.452	7.452	0.000	88955	500.000	480	57.79-	86.68	66.03	
8.668	8.667	0.001	74495	500.000	510	48.02-	72.03	55.30	
Average of Peak Amounts =					487				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.423	9.423	0.000	255922	50.0000	53	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193138.d
Lab Smp Id: ic-SG1660L3_00013
Inj Date : 30-SEP-2012 17:03
Operator : Inst ID: PESTGC7.i
Smp Info : SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 9 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

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				
2.345	2.345	0.000	122522	1000.00	1000	80.00-	120.00	100.00(M)	
2.675	2.675	0.000	208772	1000.00	970	134.39-	201.58	170.40	
2.870	2.870	0.000	152108	1000.00	1000	102.31-	153.47	124.15	
3.137	3.137	0.000	422347	1000.00	980	292.89-	439.34	344.71	
3.283	3.283	0.000	165691	1000.00	970	111.08-	166.62	135.23	
3.497	3.497	0.000	204873	1000.00		123.75-	185.62	167.21	
3.727	3.727	0.000	175692	1000.00	970	117.84-	176.76	143.40	
3.822	3.822	0.000	80563	1000.00	1000	47.57-	71.36	65.75	
Average of Peak Amounts =					1e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
5.155	5.155	0.000	255255	1000.00	950	80.00-	120.00	100.00(M)	
5.500	5.500	0.000	441186	1000.00	950	140.72-	211.08	172.84	

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.850	5.850	0.000	414512	1000.00	980	136.87-	205.30	162.39	
5.993	5.993	0.000	200433	1000.00	970	63.19-	94.79	78.52	
6.325	6.325	0.000	208336	1000.00	960	67.51-	101.26	81.62	
7.295	7.295	0.000	225603	1000.00	1000	81.09-	121.63	88.38	
7.452	7.452	0.000	189995	1000.00	1000	57.79-	86.68	74.43	
8.667	8.667	0.000	146095	1000.00	1000	48.02-	72.03	57.23	
Average of Peak Amounts =					985				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.423	9.423	0.000	460714	100.000	95	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or193138.d

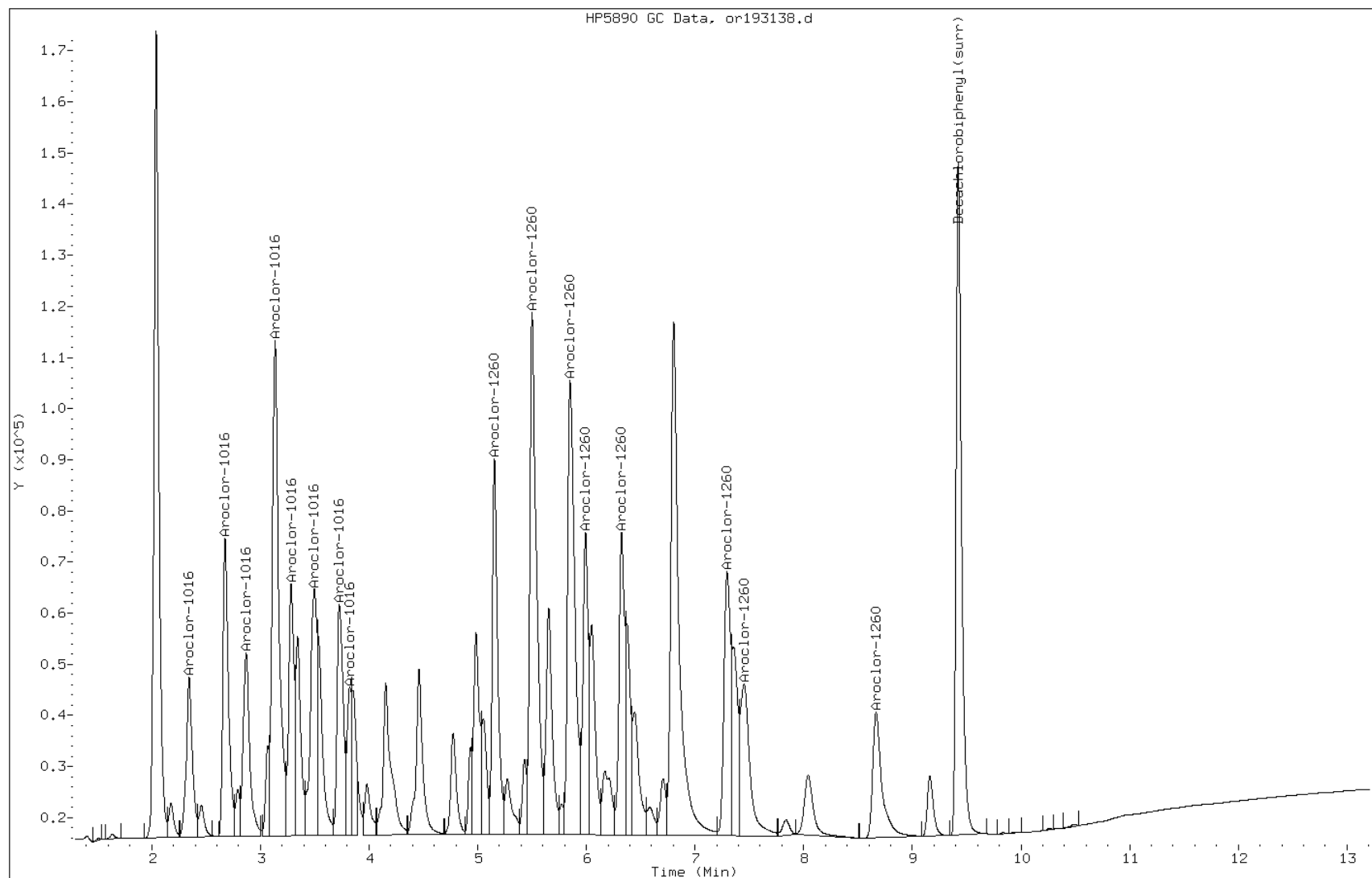
Date: 30-SEP-2012 17:03

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1660L3_00013

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193139.d
Lab Smp Id: ic-sg1660l4_00014
Inj Date : 30-SEP-2012 17:20
Operator :
Smp Info : sg1660l4_00014
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita
Cal Date : 26-SEP-2012 11:37
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or192981.d
Calibration Sample, Level: 4
Compound Sublist: AR16600S.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

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				
2.350	2.345	0.005	179696	1500.00	1500	80.00-	120.00	100.00(M)	
2.680	2.675	0.005	299488	1500.00	1400	134.39-	201.58	166.66	
2.873	2.870	0.003	225450	1500.00	1600	102.31-	153.47	125.46	
3.140	3.137	0.003	624456	1500.00	1400	292.89-	439.34	347.51	
3.285	3.283	0.002	239803	1500.00	1400	111.08-	166.62	133.45	
3.498	3.497	0.001	300150	1500.00		123.75-	185.62	167.03	
3.728	3.727	0.001	259119	1500.00	1400	117.84-	176.76	144.20	
3.825	3.822	0.003	125057	1500.00	1600	47.57-	71.36	69.59	
Average of Peak Amounts =					1.48e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
5.155	5.155	0.000	378833	1500.00	1400	80.00-	120.00	100.00(M)	
5.500	5.500	0.000	654694	1500.00	1400	140.72-	211.08	172.82	

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.848	5.850	-0.002	624623	1500.00	1500	136.87-	205.30	164.88	
5.992	5.993	-0.001	295761	1500.00	1400	63.19-	94.79	78.07	
6.323	6.325	-0.002	318421	1500.00	1500	67.51-	101.26	84.05	
7.293	7.295	-0.002	356233	1500.00	1600	81.09-	121.63	94.03	
7.450	7.452	-0.002	288571	1500.00	1600	57.79-	86.68	76.17	
8.665	8.667	-0.002	217539	1500.00	1500	48.02-	72.03	57.42	
Average of Peak Amounts =					1.49e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.422	9.423	-0.001	661288	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or193139.d

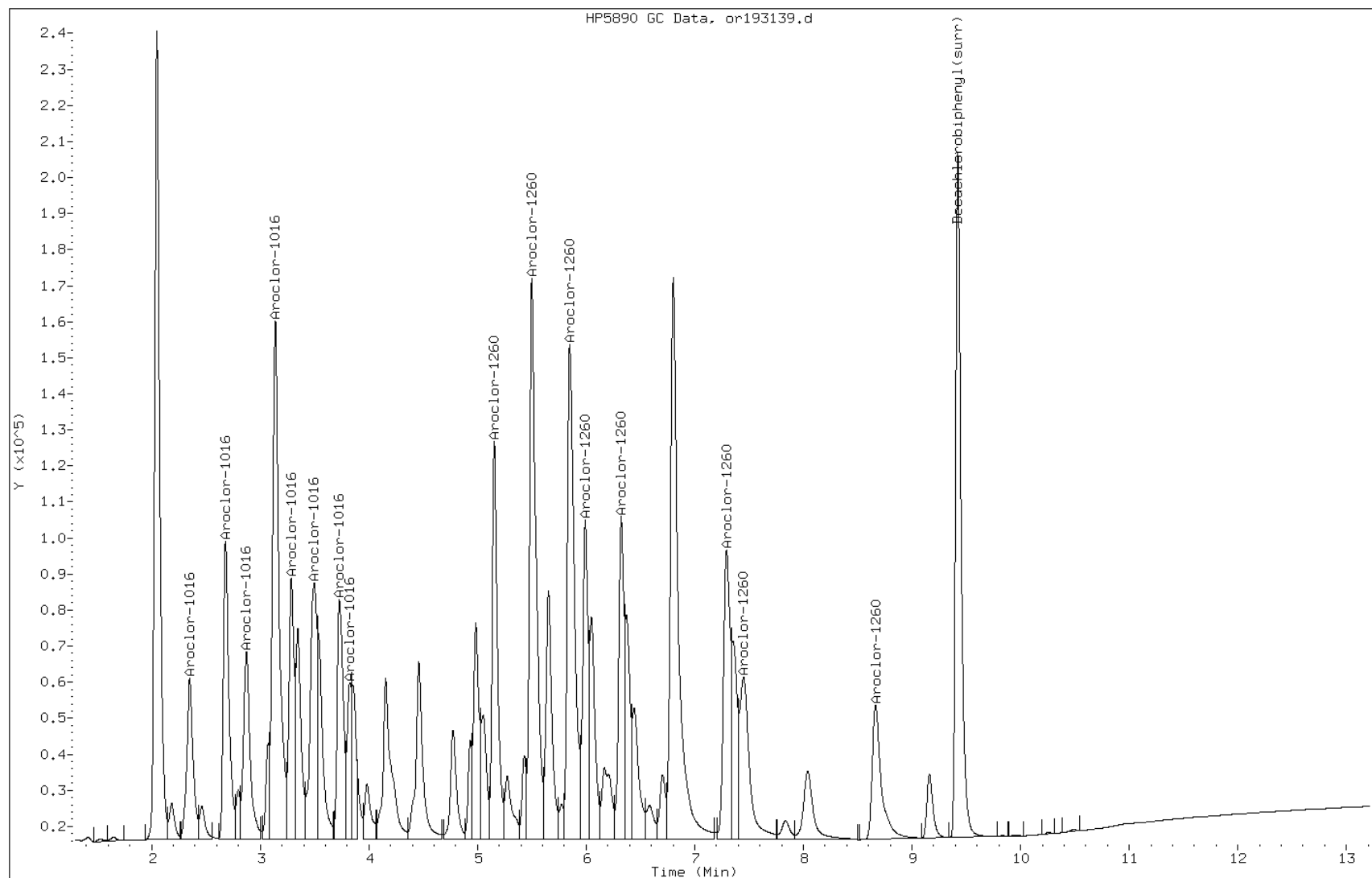
Date: 30-SEP-2012 17:20

Client ID:

Instrument: PESTGC7.i

Sample Info: sg1660l4_00014

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193140.d
Lab Smp Id: ic-SG1660L5_00013
Inj Date : 30-SEP-2012 17:37
Operator : Inst ID: PESTGC7.i
Smp Info : SG1660L5_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 11 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

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				
2.355	2.345	0.010	264735	2500.00	2200	80.00-	120.00	100.00(M)	
2.685	2.675	0.010	444716	2500.00	2100	134.39-	201.58	167.99	
2.878	2.870	0.008	338573	2500.00	2300	102.31-	153.47	127.89	
3.143	3.137	0.006	969230	2500.00	2200	292.89-	439.34	366.11	
3.288	3.283	0.005	367575	2500.00	2200	111.08-	166.62	138.85	
3.503	3.497	0.006	409497	2500.00		123.75-	185.62	154.68	
3.730	3.727	0.003	389946	2500.00	2100	117.84-	176.76	147.30	
3.827	3.822	0.005	157430	2500.00	2000	47.57-	71.36	59.47	
Average of Peak Amounts =					2.17e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
5.155	5.155	0.000	557241	2500.00	2100	80.00-	120.00	100.00(M)	
5.502	5.500	0.002	980179	2500.00	2100	140.72-	211.08	175.90	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.848	5.850	-0.002	953344	2500.00	2300	136.87-	205.30	171.08	
5.993	5.993	0.000	440185	2500.00	2100	63.19-	94.79	78.99	
6.323	6.325	-0.002	470215	2500.00	2200	67.51-	101.26	84.38	
7.293	7.295	-0.002	564824	2500.00	2600	81.09-	121.63	101.36	
7.452	7.452	0.000	402534	2500.00	2200	57.79-	86.68	72.24	
8.665	8.667	-0.002	334500	2500.00	2300	48.02-	72.03	60.03	
Average of Peak Amounts =					2.23e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.422	9.423	-0.001	850157	200.000	180	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or193140.d

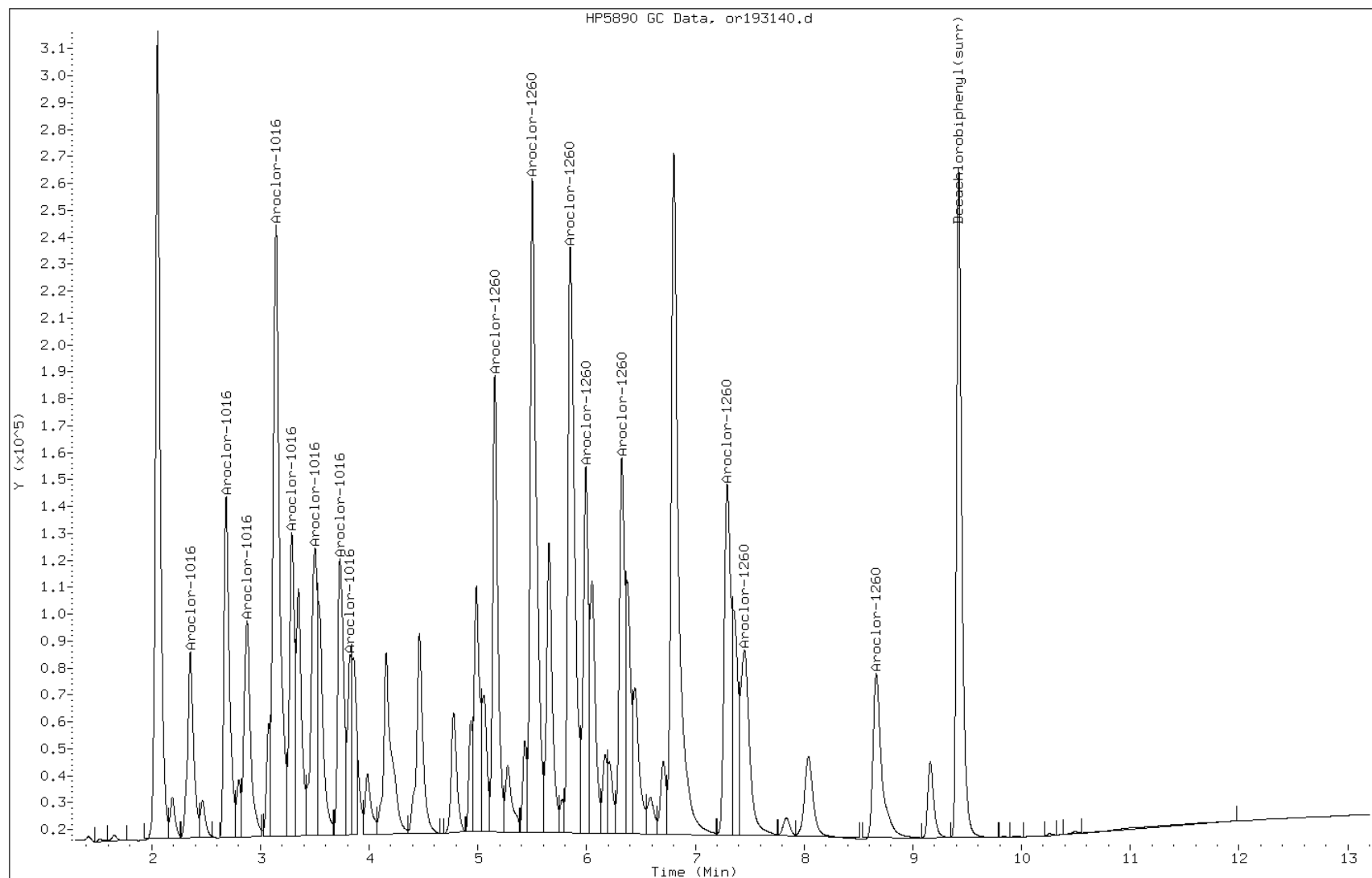
Date: 30-SEP-2012 17:37

Client ID:

Instrument: PESTGC7.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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:57 Calibration End Date: 09/30/2012 17:57 Calibration ID: 17826

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/12	of193141.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.002										1.932 - 2.072	2.002
PCB-1221 Peak 2	2.337										2.267 - 2.407	2.337
PCB-1221 Peak 3	2.722										2.652 - 2.792	2.722
PCB-1221 Peak 4	2.877										2.807 - 2.947	2.877
PCB-1221 Peak 5	2.943										2.873 - 3.013	2.943
PCB-1221 Peak 6	3.462										3.392 - 3.532	3.462
PCB-1221 Peak 7	3.693										3.623 - 3.763	3.693
PCB-1221 Peak 8	3.923										3.853 - 3.993	3.923

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:57 Calibration End Date: 09/30/2012 17:57 Calibration ID: 17826

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/12	of193141.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	55.982				Ave		55.9820000						20.0			
PCB-1221 Peak 2	14.121				Ave		14.1210000						20.0			
PCB-1221 Peak 3	69.426				Ave		69.4260000						20.0			
PCB-1221 Peak 4	39.991				Ave		39.9910000						20.0			
PCB-1221 Peak 5	168.25				Ave		168.253000						20.0			
PCB-1221 Peak 6	34.199				Ave		34.1990000						20.0			
PCB-1221 Peak 7	10.545				Ave		10.5450000						20.0			
PCB-1221 Peak 8	30.234				Ave		30.2340000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:57 Calibration End Date: 09/30/2012 17:57 Calibration ID: 17826

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/12	of193141.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	55982					1000				
PCB-1221 Peak 2	Ave	14121					1000				
PCB-1221 Peak 3	Ave	69426					1000				
PCB-1221 Peak 4	Ave	39991					1000				
PCB-1221 Peak 5	Ave	168253					1000				
PCB-1221 Peak 6	Ave	34199					1000				
PCB-1221 Peak 7	Ave	10545					1000				
PCB-1221 Peak 8	Ave	30234					1000				

Curve Type Legend:

Ave = Average

Data File: of193141.d
Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193141.d
Lab Smp Id: SG1221L3_00014
Inj Date : 30-SEP-2012 17:57
Operator : Inst ID: PESTGC7.i
Smp Info : SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12210.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	1000.00000	Volume of sample extracted (mL)

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				
2.002	2.002	0.000	55982	1000.00	1000	80.00-	120.00	100.00(M)	
2.337	2.337	0.000	14121	1000.00	1000	20.18-	30.27	25.22	
2.722	2.722	0.000	69426	1000.00	1000	99.21-	148.82	124.01	
2.877	2.877	0.000	39991	1000.00	1000	57.15-	85.72	71.44	
2.943	2.943	0.000	168253	1000.00	1000	240.44-	360.66	300.55	
3.462	3.462	0.000	34199	1000.00	1000	48.87-	73.31	61.09	
3.693	3.693	0.000	10545	1000.00	1000	15.07-	22.60	18.84	
3.923	3.923	0.000	30234	1000.00	1000	43.21-	64.81	54.01	
Average of Peak Amounts =					1e+03				

Data File: of193141.d
Report Date: 01-Oct-2012 07:35

QC Flag Legend

M - Compound response manually integrated.

Data File: of193141.d

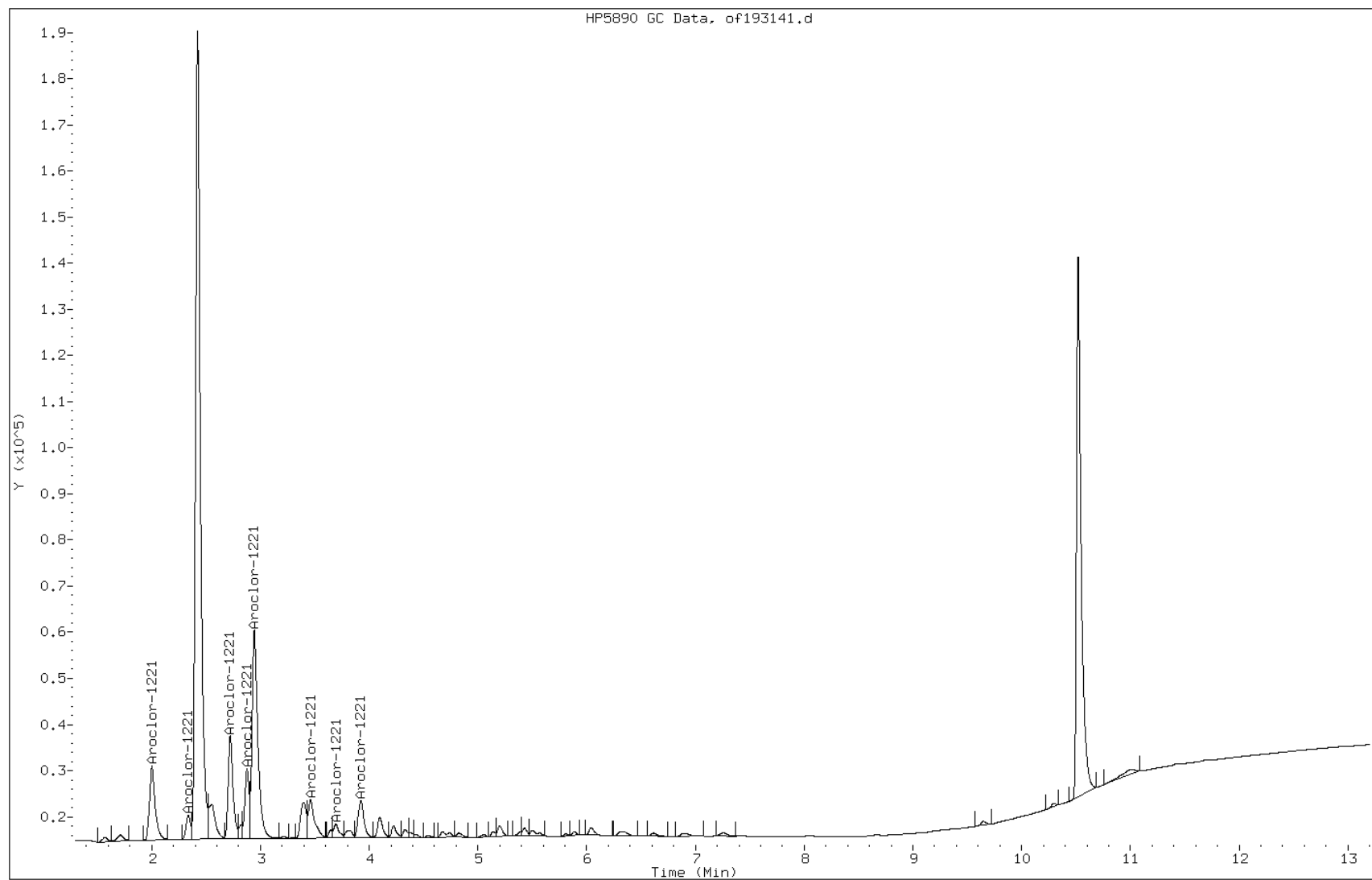
Date: 30-SEP-2012 17:57

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1221L3_00014

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:57 Calibration End Date: 09/30/2012 17:57 Calibration ID: 17825

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/12	or193141.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 7	0.000										0.930 - 1.070	0.000
PCB-1221 Peak 1	1.637										1.567 - 1.707	1.637
PCB-1221 Peak 2	1.925										1.855 - 1.995	1.925
PCB-1221 Peak 3	2.175										2.105 - 2.245	2.175
PCB-1221 Peak 4	2.340										2.270 - 2.410	2.340
PCB-1221 Peak 5	2.732										2.662 - 2.802	2.732
PCB-1221 Peak 6	2.797										2.727 - 2.867	2.797
PCB-1221 Peak 8	3.135										3.065 - 3.205	3.135

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:57 Calibration End Date: 09/30/2012 17:57 Calibration ID: 17825

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/12	or193141.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 7	0				Ave								20.0			
PCB-1221 Peak 1	55.948				Ave		55.9480000						20.0			
PCB-1221 Peak 2	16.034				Ave		16.0340000						20.0			
PCB-1221 Peak 3	64.388				Ave		64.3880000						20.0			
PCB-1221 Peak 4	186.76				Ave		186.755000						20.0			
PCB-1221 Peak 5	11.153				Ave		11.1530000						20.0			
PCB-1221 Peak 6	21.022				Ave		21.0220000						20.0			
PCB-1221 Peak 8	22.980				Ave		22.9800000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 17:57 Calibration End Date: 09/30/2012 17:57 Calibration ID: 17825

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/12	or193141.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 7	Ave	0					1000				
PCB-1221 Peak 1	Ave	55948					1000				
PCB-1221 Peak 2	Ave	16034					1000				
PCB-1221 Peak 3	Ave	64388					1000				
PCB-1221 Peak 4	Ave	186755					1000				
PCB-1221 Peak 5	Ave	11153					1000				
PCB-1221 Peak 6	Ave	21022					1000				
PCB-1221 Peak 8	Ave	22980					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193141.d
Lab Smp Id: SG1221L3_00014
Inj Date : 30-SEP-2012 17:57
Operator : Inst ID: PESTGC7.i
Smp Info : SG1221L3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12210.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	1000.00000	Volume of sample extracted (mL)

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		
1.637	1.637	0.000	55948	1000.00	1000	80.00-	120.00	100.00(T)
1.925	1.925	0.000	16034	1000.00	1000	22.93-	34.39	28.66
2.175	2.175	0.000	64388	1000.00	1000	92.07-	138.10	115.09
2.340	2.340	0.000	186755	1000.00	1000	267.04-	400.56	333.80
2.732	2.732	0.000	11153	1000.00	1000	15.95-	23.92	19.93
2.797	2.797	0.000	21022	1000.00	1000	30.06-	45.09	37.57
0.000	1.000	-1.000	0	1000.00		0.00-	0.00	0.00
3.135	3.135	0.000	22980	1000.00	1000	32.86-	49.29	41.07
Average of Peak Amounts =					1e+03			

Data File: or193141.d
Report Date: 01-Oct-2012 07:35

Page 2

QC Flag Legend

T - Target compound detected outside RT window.

Data File: or193141.d

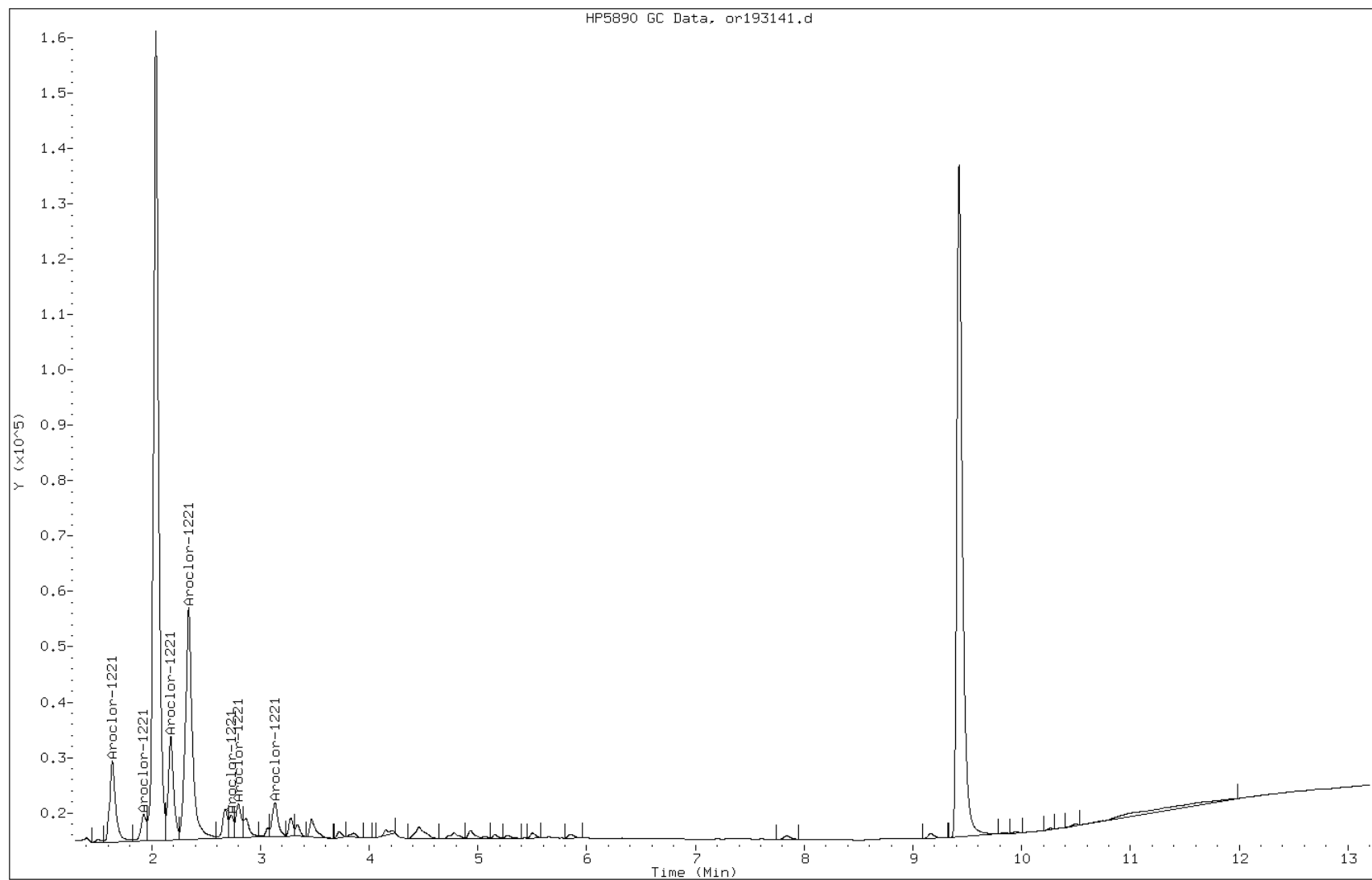
Date: 30-SEP-2012 17:57

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1221L3_00014

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:14 Calibration End Date: 09/30/2012 18:14 Calibration ID: 17828

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/13	of193142.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.945										2.875 - 3.015	2.945
PCB-1232 Peak 2	3.400										3.330 - 3.470	3.400
PCB-1232 Peak 3	3.690										3.620 - 3.760	3.690
PCB-1232 Peak 4	4.092										4.022 - 4.162	4.092
PCB-1232 Peak 5	4.220										4.150 - 4.290	4.220
PCB-1232 Peak 6	4.325										4.255 - 4.395	4.325
PCB-1232 Peak 7	4.668										4.598 - 4.738	4.668
PCB-1232 Peak 8	4.822										4.752 - 4.892	4.822

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:14 Calibration End Date: 09/30/2012 18:14 Calibration ID: 17828

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/13	of193142.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	121.18				Ave		121.176000						20.0			
PCB-1232 Peak 2	127.66				Ave		127.658000						20.0			
PCB-1232 Peak 3	51.036				Ave		51.0360000						20.0			
PCB-1232 Peak 4	90.732				Ave		90.7320000						20.0			
PCB-1232 Peak 5	45.196				Ave		45.1960000						20.0			
PCB-1232 Peak 6	53.493				Ave		53.4930000						20.0			
PCB-1232 Peak 7	68.136				Ave		68.1360000						20.0			
PCB-1232 Peak 8	88.508				Ave		88.5080000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:14 Calibration End Date: 09/30/2012 18:14 Calibration ID: 17828

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/13	of193142.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	121176					1000				
PCB-1232 Peak 2	Ave	127658					1000				
PCB-1232 Peak 3	Ave	51036					1000				
PCB-1232 Peak 4	Ave	90732					1000				
PCB-1232 Peak 5	Ave	45196					1000				
PCB-1232 Peak 6	Ave	53493					1000				
PCB-1232 Peak 7	Ave	68136					1000				
PCB-1232 Peak 8	Ave	88508					1000				

Curve Type Legend:

Ave = Average

Data File: of193142.d
Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193142.d
Lab Smp Id: SG1232L3_00013
Inj Date : 30-SEP-2012 18:14
Operator : Inst ID: PESTGC7.i
Smp Info : SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 13 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.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	1000.00000	Volume of sample extracted (mL)

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			
2.945	2.945	0.000	121176	1000.00	1000	80.00-	120.00	100.00(M)
3.400	3.400	0.000	127658	1000.00	1000	84.28-	126.42	105.35
3.690	3.690	0.000	51036	1000.00	1000	33.69-	50.54	42.12
4.092	4.092	0.000	90732	1000.00	1000	59.90-	89.85	74.88
4.220	4.220	0.000	45196	1000.00	1000	29.84-	44.76	37.30
4.325	4.325	0.000	53493	1000.00	1000	35.32-	52.97	44.14
4.668	4.668	0.000	68136	1000.00	1000	44.98-	67.47	56.23
4.822	4.822	0.000	88508	1000.00	1000	58.43-	87.65	73.04
Average of Peak Amounts =					1e+03			

Data File: of193142.d
Report Date: 01-Oct-2012 07:35

QC Flag Legend

M - Compound response manually integrated.

Data File: of193142.d

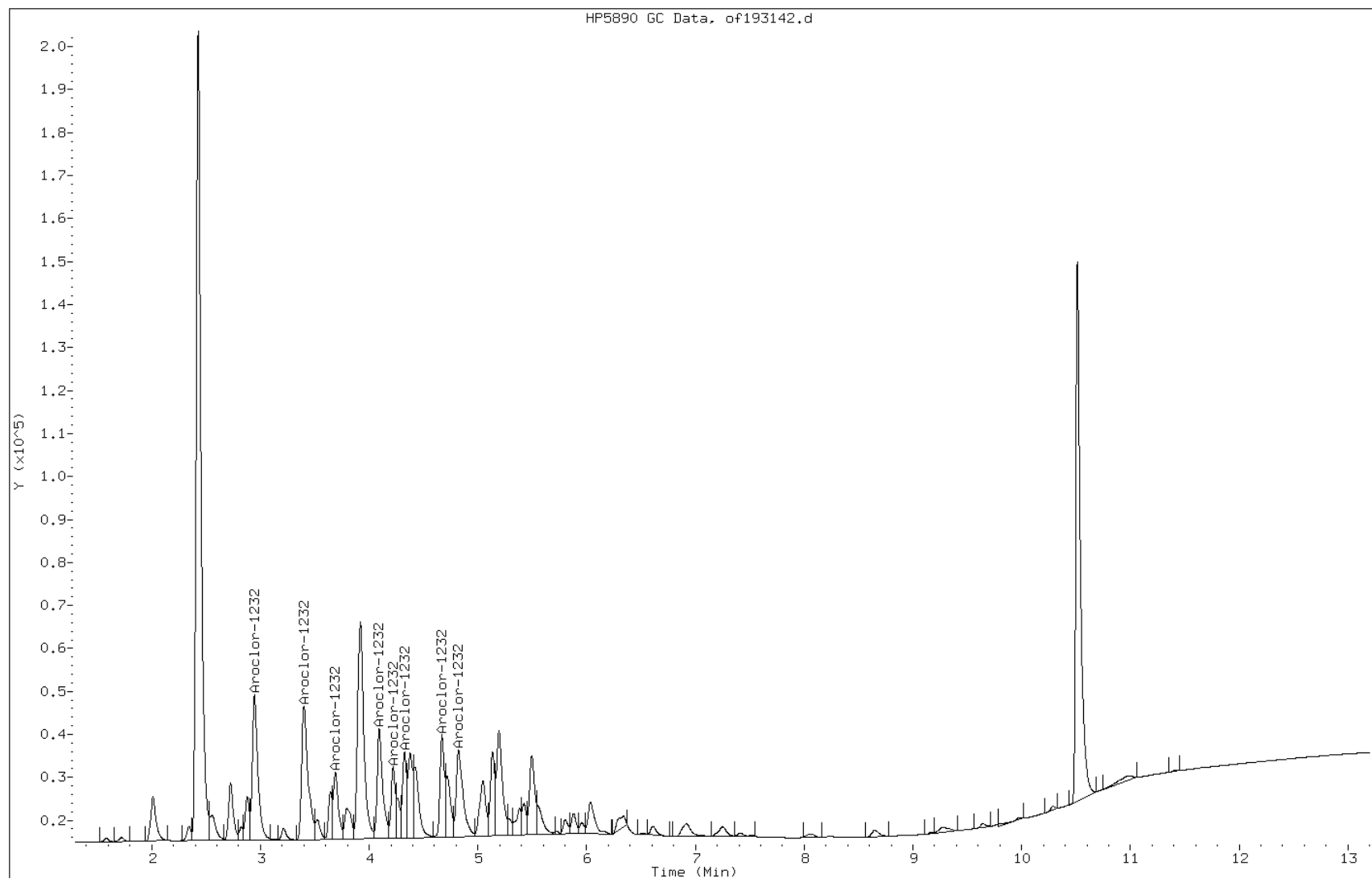
Date: 30-SEP-2012 18:14

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1232L3_00013

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:14 Calibration End Date: 09/30/2012 18:14 Calibration ID: 17827

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/13	or193142.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.357										2.287 - 2.427	2.357
PCB-1232 Peak 2	2.687										2.617 - 2.757	2.687
PCB-1232 Peak 3	2.880										2.810 - 2.950	2.880
PCB-1232 Peak 4	3.145										3.075 - 3.215	3.145
PCB-1232 Peak 5	3.292										3.222 - 3.362	3.292
PCB-1232 Peak 6	3.352										3.282 - 3.422	3.352
PCB-1232 Peak 7	3.733										3.663 - 3.803	3.733
PCB-1232 Peak 8	4.112										4.042 - 4.182	4.112

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:14 Calibration End Date: 09/30/2012 18:14 Calibration ID: 17827

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/13	or193142.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	124.67				Ave		124.674000						20.0			
PCB-1232 Peak 2	99.991				Ave		99.9910000						20.0			
PCB-1232 Peak 3	68.729				Ave		68.7290000						20.0			
PCB-1232 Peak 4	180.53				Ave		180.534000						20.0			
PCB-1232 Peak 5	71.954				Ave		71.9540000						20.0			
PCB-1232 Peak 6	54.031				Ave		54.0310000						20.0			
PCB-1232 Peak 7	84.383				Ave		84.3830000						20.0			
PCB-1232 Peak 8	24.582				Ave		24.5820000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:14 Calibration End Date: 09/30/2012 18:14 Calibration ID: 17827

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/13	or193142.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	124674					1000				
PCB-1232 Peak 2	Ave	99991					1000				
PCB-1232 Peak 3	Ave	68729					1000				
PCB-1232 Peak 4	Ave	180534					1000				
PCB-1232 Peak 5	Ave	71954					1000				
PCB-1232 Peak 6	Ave	54031					1000				
PCB-1232 Peak 7	Ave	84383					1000				
PCB-1232 Peak 8	Ave	24582					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193142.d
Lab Smp Id: SG1232L3_00013
Inj Date : 30-SEP-2012 18:14
Operator : Inst ID: PESTGC7.i
Smp Info : SG1232L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 13 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.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	1000.00000	Volume of sample extracted (mL)

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						
2.357	2.357	0.000	124674	1000.00	1000	80.00-	120.00	100.00(M)	
2.687	2.687	0.000	99991	1000.00	1000	64.16-	96.24	80.20	
2.880	2.880	0.000	68729	1000.00	1000	44.10-	66.15	55.13	
3.145	3.145	0.000	180534	1000.00	1000	115.84-	173.77	144.80	
3.292	3.292	0.000	71954	1000.00	1000	46.17-	69.26	57.71	
3.352	3.352	0.000	54031	1000.00	1000	34.67-	52.01	43.34	
3.733	3.733	0.000	84383	1000.00	1000	54.15-	81.22	67.68	
4.112	4.112	0.000	24582	1000.00	1000	15.77-	23.66	19.72	
Average of Peak Amounts =					1e+03				

Data File: or193142.d
Report Date: 01-Oct-2012 07:35

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or193142.d

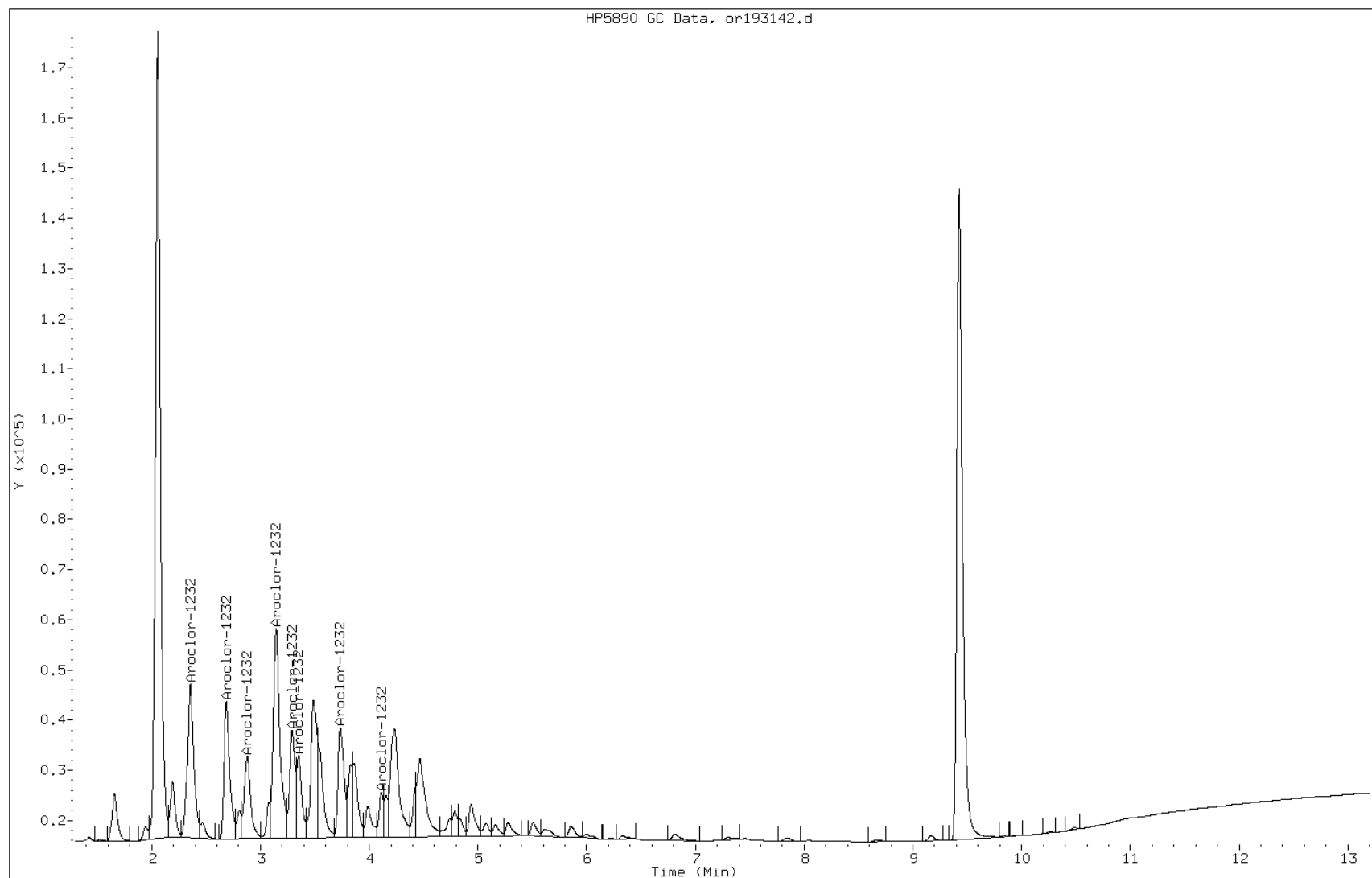
Date: 30-SEP-2012 18:14

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1232L3_00013

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:30 Calibration End Date: 09/30/2012 18:30 Calibration ID: 17830

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/14	of193143.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.945										2.875 - 3.015	2.945
PCB-1242 Peak 2	3.402										3.332 - 3.472	3.402
PCB-1242 Peak 3	3.690										3.620 - 3.760	3.690
PCB-1242 Peak 4	3.920										3.850 - 3.990	3.920
PCB-1242 Peak 5	4.092										4.022 - 4.162	4.092
PCB-1242 Peak 6	4.325										4.255 - 4.395	4.325
PCB-1242 Peak 7	4.820										4.750 - 4.890	4.820
PCB-1242 Peak 8	5.193										5.123 - 5.263	5.193

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:30 Calibration End Date: 09/30/2012 18:30 Calibration ID: 17830

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/14	of193143.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	105.82				Ave		105.822000						20.0			
PCB-1242 Peak 2	204.40				Ave		204.399000						20.0			
PCB-1242 Peak 3	90.385				Ave		90.3850000						20.0			
PCB-1242 Peak 4	374.14				Ave		374.142000						20.0			
PCB-1242 Peak 5	163.78				Ave		163.777000						20.0			
PCB-1242 Peak 6	85.120				Ave		85.1200000						20.0			
PCB-1242 Peak 7	160.37				Ave		160.368000						20.0			
PCB-1242 Peak 8	163.00				Ave		163.004000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:30 Calibration End Date: 09/30/2012 18:30 Calibration ID: 17830

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/14	of193143.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	105822					1000				
PCB-1242 Peak 2	Ave	204399					1000				
PCB-1242 Peak 3	Ave	90385					1000				
PCB-1242 Peak 4	Ave	374142					1000				
PCB-1242 Peak 5	Ave	163777					1000				
PCB-1242 Peak 6	Ave	85120					1000				
PCB-1242 Peak 7	Ave	160368					1000				
PCB-1242 Peak 8	Ave	163004					1000				

Curve Type Legend:

Ave = Average

Data File: of193143.d
Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193143.d
Lab Smp Id: SG1242L3_00013
Inj Date : 30-SEP-2012 18:30
Operator : Inst ID: PESTGC7.i
Smp Info : SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12420.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	1000.00000	Volume of sample extracted (mL)

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				
2.945	2.945	0.000	105822	1000.00	1000	80.00-	120.00	100.00(M)	
3.402	3.402	0.000	204399	1000.00	1000	154.52-	231.78	193.15	
3.690	3.690	0.000	90385	1000.00	1000	68.33-	102.49	85.41	
3.920	3.920	0.000	374142	1000.00	1000	282.85-	424.27	353.56	
4.092	4.092	0.000	163777	1000.00	1000	123.81-	185.72	154.77	
4.325	4.325	0.000	85120	1000.00	1000	64.35-	96.52	80.44	
4.820	4.820	0.000	160368	1000.00	1000	121.24-	181.85	151.55	
5.193	5.193	0.000	163004	1000.00	1000	123.23-	184.84	154.04	
Average of Peak Amounts =					1e+03				

Data File: of193143.d
Report Date: 01-Oct-2012 07:35

QC Flag Legend

M - Compound response manually integrated.

Data File: of193143.d

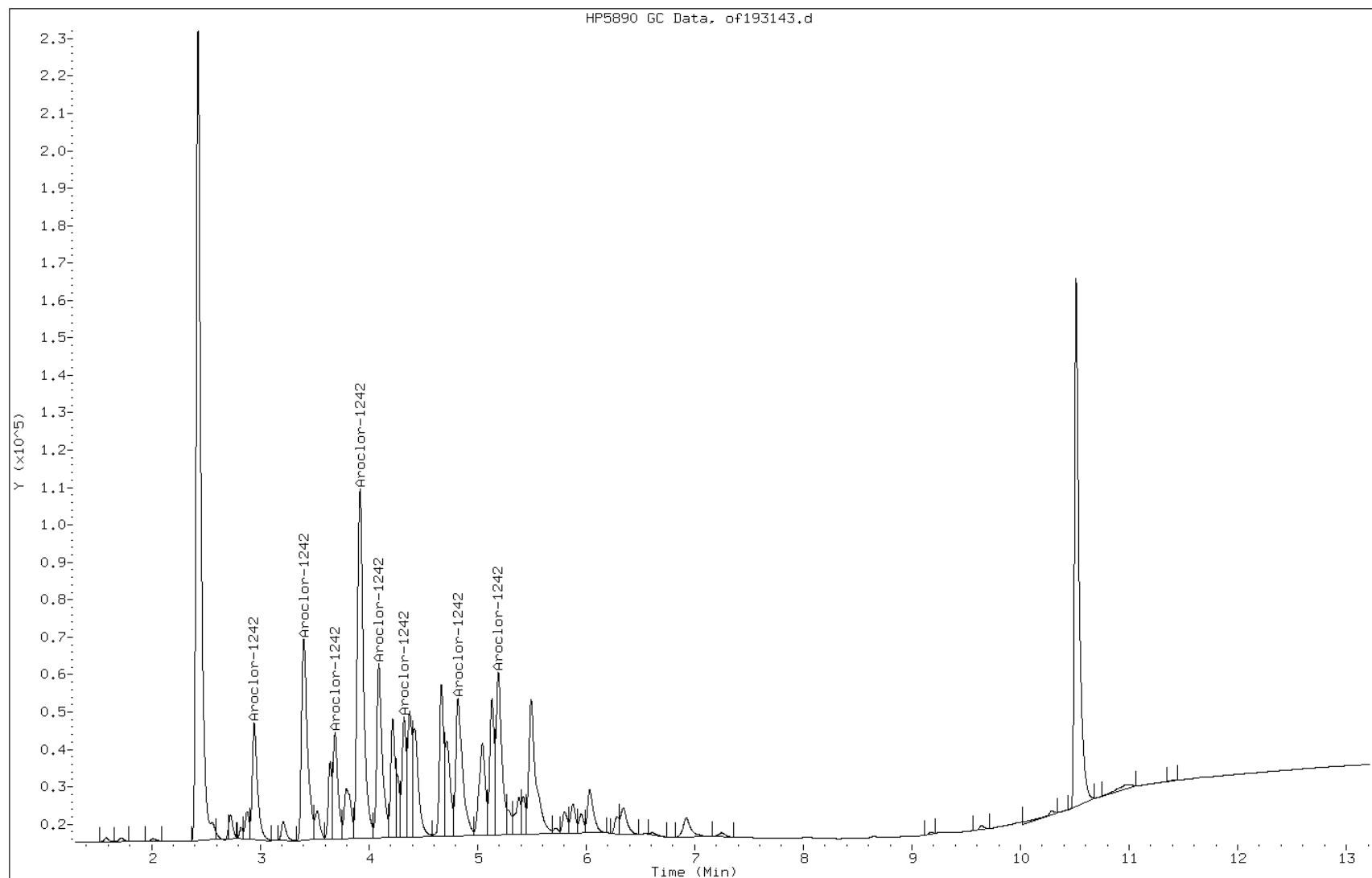
Date: 30-SEP-2012 18:30

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1242L3_00013

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:30 Calibration End Date: 09/30/2012 18:30 Calibration ID: 17829

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/14	or193143.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.355										2.285 - 2.425	2.355
PCB-1242 Peak 2	2.685										2.615 - 2.755	2.685
PCB-1242 Peak 3	2.880										2.810 - 2.950	2.880
PCB-1242 Peak 4	3.145										3.075 - 3.215	3.145
PCB-1242 Peak 5	3.290										3.220 - 3.360	3.290
PCB-1242 Peak 6	3.485										3.415 - 3.555	3.485
PCB-1242 Peak 7	3.732										3.662 - 3.802	3.732
PCB-1242 Peak 8	4.437										4.367 - 4.507	4.437

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:30 Calibration End Date: 09/30/2012 18:30 Calibration ID: 17829

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/14	or193143.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	115.82				Ave		115.821000						20.0			
PCB-1242 Peak 2	172.82				Ave		172.818000						20.0			
PCB-1242 Peak 3	129.10				Ave		129.100000						20.0			
PCB-1242 Peak 4	342.05				Ave		342.045000						20.0			
PCB-1242 Peak 5	133.63				Ave		133.634000						20.0			
PCB-1242 Peak 6	203.57				Ave		203.567000						20.0			
PCB-1242 Peak 7	151.06				Ave		151.060000						20.0			
PCB-1242 Peak 8	49.660				Ave		49.6600000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:30 Calibration End Date: 09/30/2012 18:30 Calibration ID: 17829

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/14	or193143.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	115821					1000				
PCB-1242 Peak 2	Ave	172818					1000				
PCB-1242 Peak 3	Ave	129100					1000				
PCB-1242 Peak 4	Ave	342045					1000				
PCB-1242 Peak 5	Ave	133634					1000				
PCB-1242 Peak 6	Ave	203567					1000				
PCB-1242 Peak 7	Ave	151060					1000				
PCB-1242 Peak 8	Ave	49660					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193143.d
Lab Smp Id: SG1242L3_00013
Inj Date : 30-SEP-2012 18:30
Operator :
Smp Info : SG1242L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita
Cal Date : 26-SEP-2012 11:37
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or192981.d
Calibration Sample, Level: 3
Compound Sublist: AR12420.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

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				
2.355	2.355	0.000	115821	1000.00	1000	80.00- 120.00	100.00(M)
2.685	2.685	0.000	172818	1000.00	1000	119.37- 179.05	149.21
2.880	2.880	0.000	129100	1000.00	1000	89.17- 133.76	111.47
3.145	3.145	0.000	342045	1000.00	1000	236.26- 354.39	295.32
3.290	3.290	0.000	133634	1000.00	1000	92.30- 138.46	115.38
3.485	3.485	0.000	203567	1000.00	1000	140.61- 210.91	175.76
3.732	3.732	0.000	151060	1000.00	1000	104.34- 156.51	130.43
4.437	4.437	0.000	49660	1000.00	1000	34.30- 51.45	42.88
Average of Peak Amounts =			1e+03				

Data File: or193143.d
Report Date: 01-Oct-2012 07:35

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or193143.d

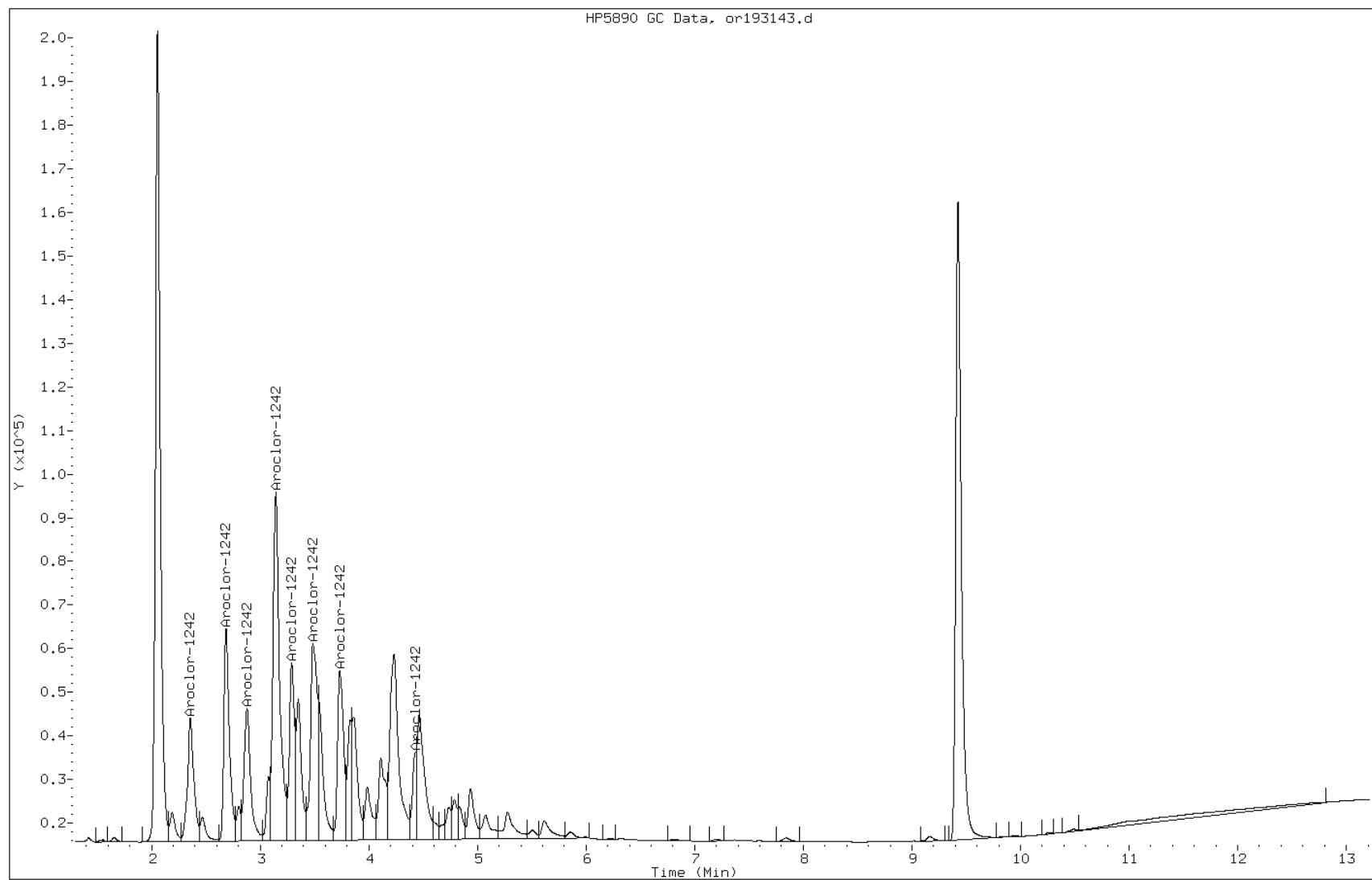
Date: 30-SEP-2012 18:30

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1242L3_00013

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:47 Calibration End Date: 09/30/2012 18:47 Calibration ID: 17832

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/15	of193144.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.397										3.327 - 3.467	3.397
PCB-1248 Peak 2	3.917										3.847 - 3.987	3.917
PCB-1248 Peak 3	4.088										4.018 - 4.158	4.088
PCB-1248 Peak 4	4.323										4.253 - 4.393	4.323
PCB-1248 Peak 5	4.667										4.597 - 4.737	4.667
PCB-1248 Peak 6	4.818										4.748 - 4.888	4.818
PCB-1248 Peak 7	5.132										5.062 - 5.202	5.132
PCB-1248 Peak 8	5.192										5.122 - 5.262	5.192

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:47 Calibration End Date: 09/30/2012 18:47 Calibration ID: 17832

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/15	of193144.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	111.76				Ave		111.757000						20.0			
PCB-1248 Peak 2	261.22				Ave		261.221000						20.0			
PCB-1248 Peak 3	110.84				Ave		110.840000						20.0			
PCB-1248 Peak 4	151.03				Ave		151.030000						20.0			
PCB-1248 Peak 5	194.12				Ave		194.116000						20.0			
PCB-1248 Peak 6	257.00				Ave		256.997000						20.0			
PCB-1248 Peak 7	188.95				Ave		188.954000						20.0			
PCB-1248 Peak 8	305.84				Ave		305.840000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:47 Calibration End Date: 09/30/2012 18:47 Calibration ID: 17832

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/15	of193144.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	111757					1000				
PCB-1248 Peak 2	Ave	261221					1000				
PCB-1248 Peak 3	Ave	110840					1000				
PCB-1248 Peak 4	Ave	151030					1000				
PCB-1248 Peak 5	Ave	194116					1000				
PCB-1248 Peak 6	Ave	256997					1000				
PCB-1248 Peak 7	Ave	188954					1000				
PCB-1248 Peak 8	Ave	305840					1000				

Curve Type Legend:

Ave = Average

Data File: of193144.d
 Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193144.d
 Lab Smp Id: SG1248L3_00013
 Inj Date : 30-SEP-2012 18:47
 Operator : Inst ID: PESTGC7.i
 Smp Info : SG1248L3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
 Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
 Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
 Als bottle: 15 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: AR12480.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	1000.00000	Volume of sample extracted (mL)

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			
3.397	3.397	0.000	111757	1000.00	1000	80.00- 120.00	100.00(M)
3.917	3.917	0.000	261221	1000.00	1000	186.99- 280.49	233.74
4.088	4.088	0.000	110840	1000.00	1000	79.34- 119.02	99.18
4.323	4.323	0.000	151030	1000.00	1000	108.11- 162.17	135.14
4.667	4.667	0.000	194116	1000.00	1000	138.96- 208.43	173.69
4.818	4.818	0.000	256997	1000.00	1000	183.97- 275.95	229.96
5.132	5.132	0.000	188954	1000.00	1000	135.26- 202.89	169.08
5.192	5.192	0.000	305840	1000.00	1000	218.93- 328.40	273.67
Average of Peak Amounts =				1e+03			

Data File: of193144.d
Report Date: 01-Oct-2012 07:35

QC Flag Legend

M - Compound response manually integrated.

Data File: of193144.d

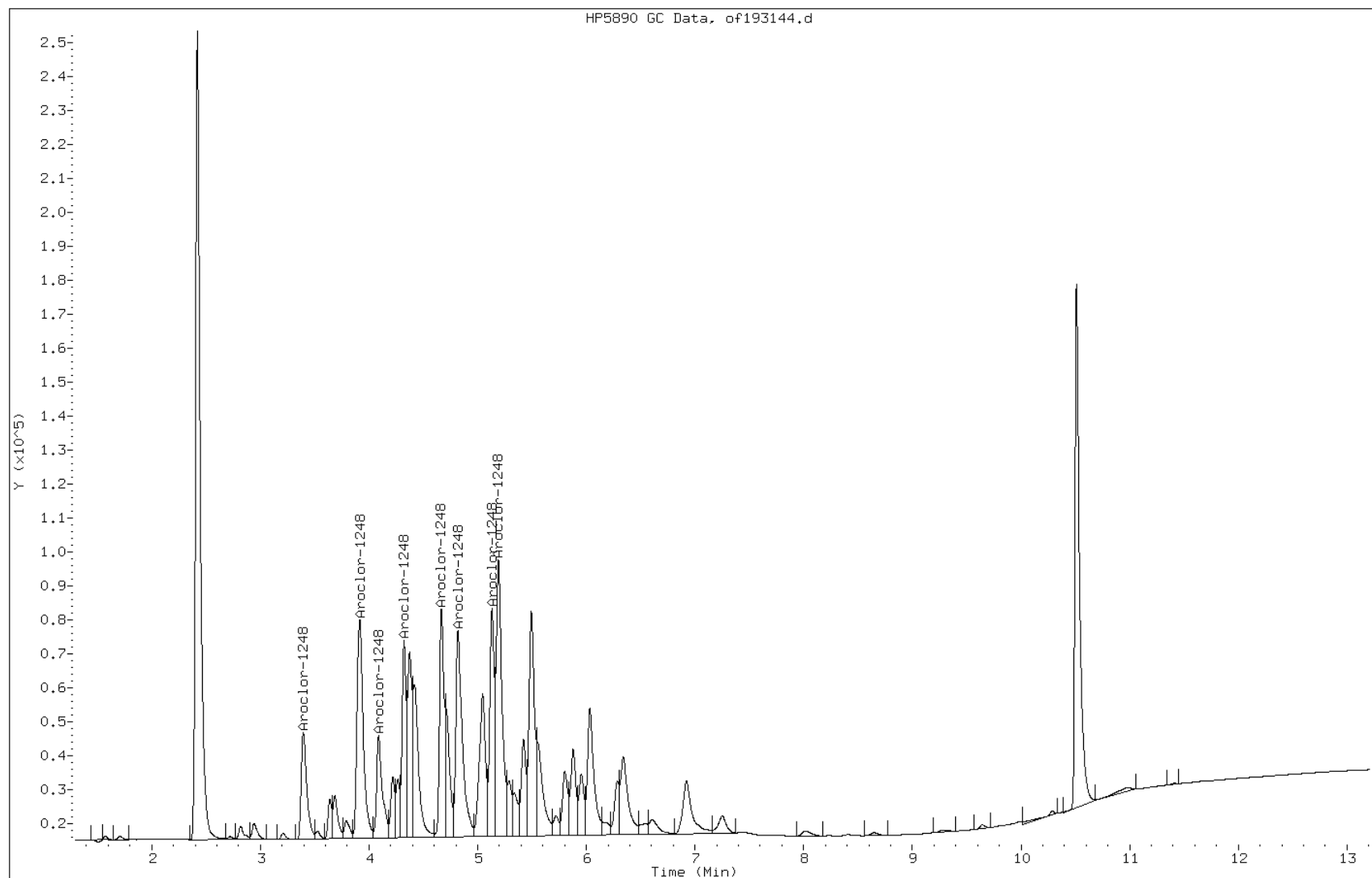
Date: 30-SEP-2012 18:47

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1248L3_00013

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:47 Calibration End Date: 09/30/2012 18:47 Calibration ID: 17831

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/15	or193144.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.678										2.608 - 2.748	2.678
PCB-1248 Peak 2	3.138										3.068 - 3.208	3.138
PCB-1248 Peak 3	3.295										3.225 - 3.365	3.295
PCB-1248 Peak 4	3.497										3.427 - 3.567	3.497
PCB-1248 Peak 5	3.728										3.658 - 3.798	3.728
PCB-1248 Peak 6	3.822										3.752 - 3.892	3.822
PCB-1248 Peak 7	4.108										4.038 - 4.178	4.108
PCB-1248 Peak 8	4.433										4.363 - 4.503	4.433

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:47 Calibration End Date: 09/30/2012 18:47 Calibration ID: 17831

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/15	or193144.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	94.283				Ave		94.2830000						20.0			
PCB-1248 Peak 2	244.56				Ave		244.562000						20.0			
PCB-1248 Peak 3	89.805				Ave		89.8050000						20.0			
PCB-1248 Peak 4	276.99				Ave		276.991000						20.0			
PCB-1248 Peak 5	232.03				Ave		232.032000						20.0			
PCB-1248 Peak 6	146.52				Ave		146.515000						20.0			
PCB-1248 Peak 7	93.810				Ave		93.8100000						20.0			
PCB-1248 Peak 8	93.999				Ave		93.9990000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 18:47 Calibration End Date: 09/30/2012 18:47 Calibration ID: 17831

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/15	or193144.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	94283					1000				
PCB-1248 Peak 2	Ave	244562					1000				
PCB-1248 Peak 3	Ave	89805					1000				
PCB-1248 Peak 4	Ave	276991					1000				
PCB-1248 Peak 5	Ave	232032					1000				
PCB-1248 Peak 6	Ave	146515					1000				
PCB-1248 Peak 7	Ave	93810					1000				
PCB-1248 Peak 8	Ave	93999					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193144.d
Lab Smp Id: SG1248L3_00013
Inj Date : 30-SEP-2012 18:47
Operator : Inst ID: PESTGC7.i
Smp Info : SG1248L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12480.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	1000.00000	Volume of sample extracted (mL)

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				
2.678	2.678	0.000	94283	1000.00	1000	80.00- 120.00	100.00(M)
3.138	3.138	0.000	244562	1000.00	1000	207.51- 311.27	259.39
3.295	3.295	0.000	89805	1000.00	1000	76.20- 114.30	95.25
3.497	3.497	0.000	276991	1000.00	1000	235.03- 352.54	293.79
3.728	3.728	0.000	232032	1000.00	1000	196.88- 295.32	246.10
3.822	3.822	0.000	146515	1000.00	1000	124.32- 186.48	155.40
4.108	4.108	0.000	93810	1000.00	1000	79.60- 119.40	99.50
4.433	4.433	0.000	93999	1000.00	1000	79.76- 119.64	99.70
Average of Peak Amounts =			1e+03				

Data File: or193144.d
Report Date: 01-Oct-2012 07:35

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or193144.d

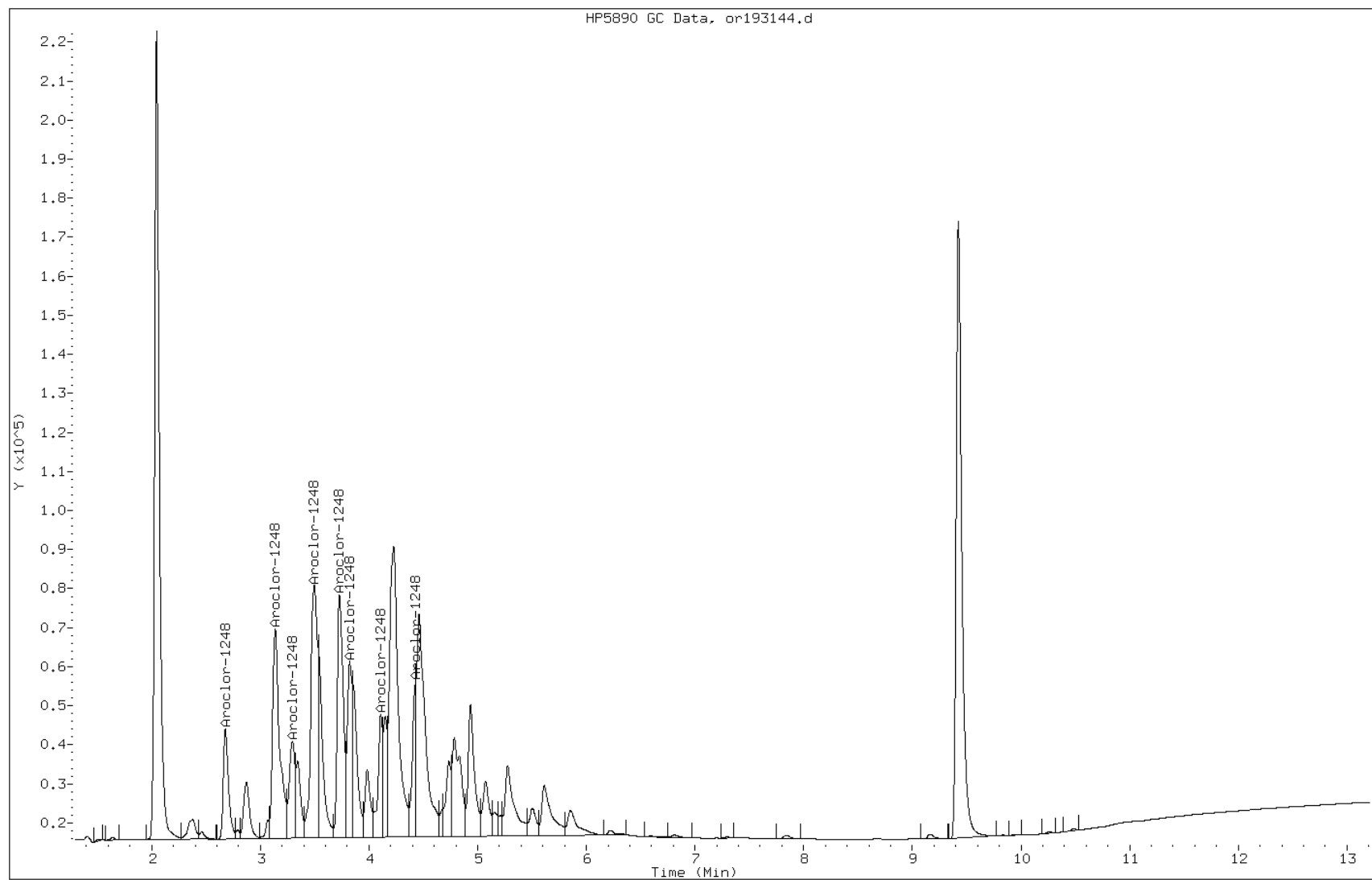
Date: 30-SEP-2012 18:47

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1248L3_00013

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:03 Calibration End Date: 09/30/2012 19:03 Calibration ID: 17834

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/16	of193145.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.327										4.257 - 4.397	4.327
PCB-1254 Peak 2	5.195										5.125 - 5.265	5.195
PCB-1254 Peak 3	5.422										5.352 - 5.492	5.422
PCB-1254 Peak 4	5.878										5.808 - 5.948	5.878
PCB-1254 Peak 5	6.032										5.962 - 6.102	6.032
PCB-1254 Peak 6	6.897										6.827 - 6.967	6.897
PCB-1254 Peak 7	7.248										7.178 - 7.318	7.248
PCB-1254 Peak 8	8.017										7.947 - 8.087	8.017

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:03 Calibration End Date: 09/30/2012 19:03 Calibration ID: 17834

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/16	of193145.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	121.36				Ave		121.361000						20.0			
PCB-1254 Peak 2	248.62				Ave		248.623000						20.0			
PCB-1254 Peak 3	233.08				Ave		233.080000						20.0			
PCB-1254 Peak 4	186.07				Ave		186.066000						20.0			
PCB-1254 Peak 5	400.17				Ave		400.174000						20.0			
PCB-1254 Peak 6	282.77				Ave		282.770000						20.0			
PCB-1254 Peak 7	386.40				Ave		386.397000						20.0			
PCB-1254 Peak 8	109.25				Ave		109.251000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:03 Calibration End Date: 09/30/2012 19:03 Calibration ID: 17834

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/16	of193145.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	121361					1000				
PCB-1254 Peak 2	Ave	248623					1000				
PCB-1254 Peak 3	Ave	233080					1000				
PCB-1254 Peak 4	Ave	186066					1000				
PCB-1254 Peak 5	Ave	400174					1000				
PCB-1254 Peak 6	Ave	282770					1000				
PCB-1254 Peak 7	Ave	386397					1000				
PCB-1254 Peak 8	Ave	109251					1000				

Curve Type Legend:

Ave = Average

Data File: of193145.d
Report Date: 01-Oct-2012 07:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/of193145.d
Lab Smp Id: SG1254L3_00013
Inj Date : 30-SEP-2012 19:03
Operator : Inst ID: PESTGC7.i
Smp Info : SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-30-12ical/30sep12a.b/080f8082.m
Meth Date : 01-Oct-2012 07:35 sita Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 16 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12540.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	1000.00000	Volume of sample extracted (mL)

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				
4.327	4.327	0.000	121361	1000.00	1000	80.00-	120.00	100.00(M)	
5.195	5.195	0.000	248623	1000.00	1000	163.89-	245.83	204.86	
5.422	5.422	0.000	233080	1000.00	1000	153.64-	230.47	192.06	
5.878	5.878	0.000	186066	1000.00	1000	122.65-	183.98	153.32	
6.032	6.032	0.000	400174	1000.00	1000	263.79-	395.69	329.74	
6.897	6.897	0.000	282770	1000.00	1000	186.40-	279.60	233.00	
7.248	7.248	0.000	386397	1000.00	1000	254.71-	382.06	318.39	
8.017	8.017	0.000	109251	1000.00	1000	72.02-	108.03	90.02	
Average of Peak Amounts =					1e+03				

Data File: of193145.d
Report Date: 01-Oct-2012 07:35

QC Flag Legend

M - Compound response manually integrated.

Data File: of193145.d

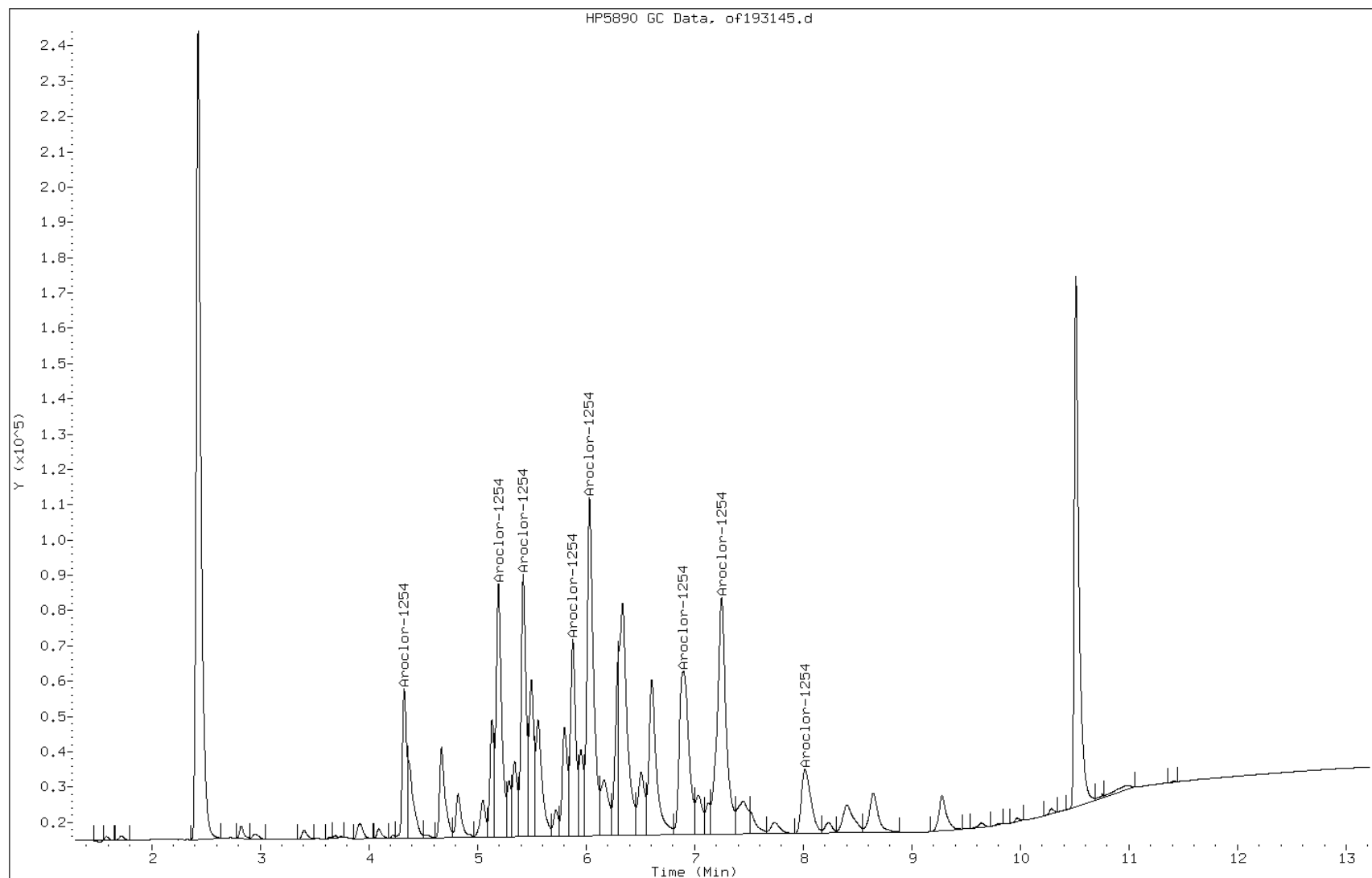
Date: 30-SEP-2012 19:03

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1254L3_00013

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:03 Calibration End Date: 09/30/2012 19:03 Calibration ID: 17833

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/16	or193145.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.158										4.088 - 4.228	4.158
PCB-1254 Peak 2	4.208										4.138 - 4.278	4.208
PCB-1254 Peak 3	4.422										4.352 - 4.492	4.422
PCB-1254 Peak 4	4.787										4.717 - 4.857	4.787
PCB-1254 Peak 5	4.935										4.865 - 5.005	4.935
PCB-1254 Peak 6	5.277										5.207 - 5.347	5.277
PCB-1254 Peak 7	5.503										5.433 - 5.573	5.503
PCB-1254 Peak 8	5.853										5.783 - 5.923	5.853

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

Lab Name: TestAmerica Edison Job No.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:03 Calibration End Date: 09/30/2012 19:03 Calibration ID: 17833

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/16	or193145.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	177.57				Ave		177.570000						20.0			
PCB-1254 Peak 2	188.79				Ave		188.786000						20.0			
PCB-1254 Peak 3	60.879				Ave		60.8790000						20.0			
PCB-1254 Peak 4	206.59				Ave		206.585000						20.0			
PCB-1254 Peak 5	354.92				Ave		354.916000						20.0			
PCB-1254 Peak 6	257.58				Ave		257.575000						20.0			
PCB-1254 Peak 7	253.60				Ave		253.598000						20.0			
PCB-1254 Peak 8	327.93				Ave		327.929000						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.: 460-45322-1 Analy Batch No.: 129917

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 19:03 Calibration End Date: 09/30/2012 19:03 Calibration ID: 17833

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-129917/16	or193145.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	177570					1000				
PCB-1254 Peak 2	Ave	188786					1000				
PCB-1254 Peak 3	Ave	60879					1000				
PCB-1254 Peak 4	Ave	206585					1000				
PCB-1254 Peak 5	Ave	354916					1000				
PCB-1254 Peak 6	Ave	257575					1000				
PCB-1254 Peak 7	Ave	253598					1000				
PCB-1254 Peak 8	Ave	327929					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/or193145.d
Lab Smp Id: SG1254L3_00013
Inj Date : 30-SEP-2012 19:03
Operator :
Smp Info : SG1254L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-30-12ical/30sep12a.b/080r8082.m
Meth Date : 01-Oct-2012 07:24 sita
Cal Date : 26-SEP-2012 11:37
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or192981.d
Calibration Sample, Level: 3
Compound Sublist: AR12540.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

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				
4.158	4.158	0.000	177570	1000.00	1000	80.00- 120.00	100.00(M)
4.208	4.208	0.000	188786	1000.00	1000	85.05- 127.58	106.32
4.422	4.422	0.000	60879	1000.00	1000	27.43- 41.14	34.28
4.787	4.787	0.000	206585	1000.00	1000	93.07- 139.61	116.34
4.935	4.935	0.000	354916	1000.00	1000	159.90- 239.85	199.87
5.277	5.277	0.000	257575	1000.00	1000	116.04- 174.07	145.06
5.503	5.503	0.000	253598	1000.00	1000	114.25- 171.38	142.82
5.853	5.853	0.000	327929	1000.00	1000	147.74- 221.61	184.68
Average of Peak Amounts =			1e+03				

Data File: or193145.d
Report Date: 01-Oct-2012 07:35

Page 2

QC Flag Legend

M - Compound response manually integrated.

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-130682/3 Calibration Date: 10/05/2012 02:53
 Instrument ID: PESTGC7 Calib Start Date: 09/30/2012 16:14
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/30/2012 17:37
 Lab File ID: of193370.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	124.5	127.7		1030	1000	2.6	15.0
PCB-1016 Peak 2	Ave		263.4		0.130	1000		15.0
PCB-1016 Peak 3	Ave	116.4	120.6		1040	1000	3.7	15.0
PCB-1016 Peak 4	Ave	480.3	488.9		1020	1000	1.8	15.0
PCB-1016 Peak 5	Ave	210.9	217.6		1030	1000	3.1	15.0
PCB-1016 Peak 6	Ave	121.9	127.3		1040	1000	4.5	15.0
PCB-1016 Peak 7	Ave	146.2	141.9		971	1000	-2.9	15.0
PCB-1016 Peak 8	Ave	176.3	185.0		1050	1000	4.9	15.0
PCB-1260 Peak 1	Ave	322.0	312.1		969	1000	-3.1	15.0
PCB-1260 Peak 2	Ave	371.6	361.3		972	1000	-2.8	15.0
PCB-1260 Peak 3	Ave	495.5	485.7		980	1000	-2.0	15.0
PCB-1260 Peak 4	Ave	248.5	242.1		975	1000	-2.5	15.0
PCB-1260 Peak 5	Ave	159.8	159.6		999	1000	-0.1	15.0
PCB-1260 Peak 6	Ave	275.8	271.8		985	1000	-1.5	15.0
PCB-1260 Peak 7	Ave	317.8	324.5		1020	1000	2.1	15.0
PCB-1260 Peak 8	Ave	108.8	104.4		959	1000	-4.1	15.0
DCB Decachlorobiphenyl	Ave	3739	3526		94.3	100	-5.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-130682/3 Calibration Date: 10/05/2012 02:53
 Instrument ID: PESTGC7 Calib Start Date: 09/30/2012 16:14
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/30/2012 17:37
 Lab File ID: of193370.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.94	2.87	3.01
PCB-1016 Peak 2	3.39	3.33	3.47
PCB-1016 Peak 3	3.68	3.61	3.75
PCB-1016 Peak 4	3.91	3.85	3.99
PCB-1016 Peak 5	4.09	4.02	4.16
PCB-1016 Peak 6	4.37	4.30	4.44
PCB-1016 Peak 7	4.66	4.60	4.74
PCB-1016 Peak 8	4.81	4.75	4.89
PCB-1260 Peak 1	6.30	6.23	6.37
PCB-1260 Peak 2	6.60	6.54	6.68
PCB-1260 Peak 3	7.24	7.17	7.31
PCB-1260 Peak 4	7.40	7.34	7.48
PCB-1260 Peak 5	7.51	7.45	7.59
PCB-1260 Peak 6	8.05	7.99	8.13
PCB-1260 Peak 7	9.27	9.20	9.34
PCB-1260 Peak 8	9.96	9.90	10.04
DCB Decachlorobiphenyl	10.50	10.41	10.61

Data File: of193370.d
 Report Date: 05-Oct-2012 09:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/of193370.d
 Lab Smp Id: ccvrt-sg1660l3_0001
 Inj Date : 05-OCT-2012 02:53
 Operator : Inst ID: PESTGC7.i
 Smp Info : ccvrt-sg1660l3_00019
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/080f8082.m
 Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
 Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.937	2.937	0.000	127729	1025.61	5.1	80.00-	120.00	100.00(M)
3.393	3.395	-0.002	263367			161.50-	242.25	206.19
3.682	3.683	-0.001	120608	1036.55	5.2	76.13-	114.19	94.42
3.913	3.915	-0.002	488910	1017.85	5.1	315.46-	473.18	382.77
4.085	4.087	-0.002	217557	1031.47	5.2	138.90-	208.35	170.33
4.370	4.373	-0.003	127311	1044.78	5.2	78.55-	117.82	99.67
4.662	4.665	-0.003	141934	971.006	4.8	94.60-	141.90	111.12
4.813	4.817	-0.004	184976	1049.30	5.2	121.65-	182.48	144.82
Average of Peak Concentrations =					5.1			

27 Aroclor-1260					CAS #: 11096-82-5			
6.295	6.300	-0.005	312087	969.115	4.8	80.00-	120.00	100.00(M)
6.600	6.605	-0.005	361348	972.474	4.9	92.11-	138.17	115.78

Data File: of193370.d
 Report Date: 05-Oct-2012 09:14

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.238	7.243	-0.005	485671	980.112	4.9	130.53-	195.79	155.62
7.398	7.407	-0.009	242120	974.507	4.9	61.89-	92.83	77.58
7.508	7.517	-0.009	159587	998.702	5.0	41.24-	61.86	51.14
8.050	8.058	-0.008	271762	985.401	4.9	73.08-	109.61	87.08
9.270	9.273	-0.003	324484	1021.17	5.1	86.66-	130.00	103.97
9.962	9.967	-0.005	104387	959.136	4.8	31.27-	46.90	33.45
Average of Peak Concentrations =					4.9			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.500	10.512	-0.012	352566	94.2893	0.47	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of193370.d

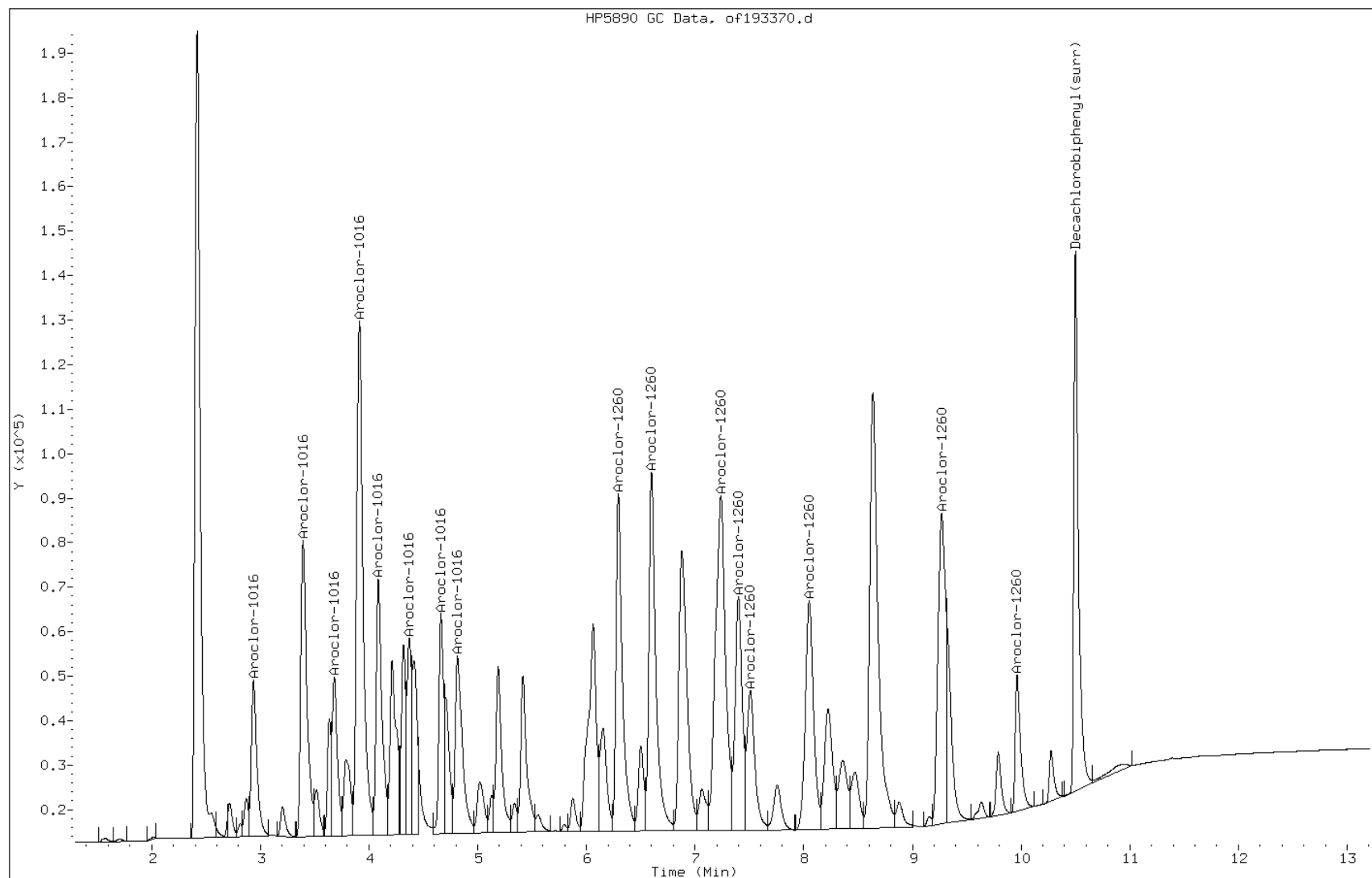
Date: 05-OCT-2012 02:53

Client ID:

Instrument: PESTGC7.i

Sample Info: ccvrt-sg1660l3_00019

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-130682/3 Calibration Date: 10/05/2012 02:53
 Instrument ID: PESTGC7 Calib Start Date: 09/30/2012 16:14
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/30/2012 17:37
 Lab File ID: or193370.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	121.9	133.9		1100	1000	9.8	15.0
PCB-1016 Peak 2	Ave	215.0	219.5		1020	1000	2.1	15.0
PCB-1016 Peak 3	Ave	145.2	156.2		1080	1000	7.6	15.0
PCB-1016 Peak 4	Ave	429.5	440.5		1030	1000	2.6	15.0
PCB-1016 Peak 5	Ave	170.3	170.7		1000	1000	0.2	15.0
PCB-1016 Peak 6	Ave		205.9		0.130	1000		15.0
PCB-1016 Peak 7	Ave	181.7	181.2		997	1000	-0.3	15.0
PCB-1016 Peak 8	Ave	76.72	77.18		1010	1000	0.6	15.0
PCB-1260 Peak 1	Ave	269.7	270.3		1000	1000	0.2	15.0
PCB-1260 Peak 2	Ave	462.1	462.5		1000	1000	0.0	15.0
PCB-1260 Peak 3	Ave	420.6	430.8		1020	1000	2.4	15.0
PCB-1260 Peak 4	Ave	206.8	211.2		1020	1000	2.1	15.0
PCB-1260 Peak 5	Ave	217.7	211.4		971	1000	-2.9	15.0
PCB-1260 Peak 6	Ave	218.1	222.8		1020	1000	2.2	15.0
PCB-1260 Peak 7	Ave	185.6	179.4		966	1000	-3.4	15.0
PCB-1260 Peak 8	Ave	145.1	148.6		1020	1000	2.4	15.0
DCB Decachlorobiphenyl	Ave	4825	4659		96.6	100	-3.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-130682/3 Calibration Date: 10/05/2012 02:53
 Instrument ID: PESTGC7 Calib Start Date: 09/30/2012 16:14
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/30/2012 17:37
 Lab File ID: or193370.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.87	2.80	2.94
PCB-1016 Peak 4	3.14	3.07	3.21
PCB-1016 Peak 5	3.28	3.21	3.35
PCB-1016 Peak 6	3.50	3.43	3.57
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.82	3.75	3.89
PCB-1260 Peak 1	5.15	5.09	5.23
PCB-1260 Peak 2	5.50	5.43	5.57
PCB-1260 Peak 3	5.85	5.78	5.92
PCB-1260 Peak 4	5.99	5.92	6.06
PCB-1260 Peak 5	6.32	6.26	6.40
PCB-1260 Peak 6	7.29	7.23	7.37
PCB-1260 Peak 7	7.45	7.38	7.52
PCB-1260 Peak 8	8.66	8.60	8.74
DCB Decachlorobiphenyl	9.42	9.32	9.52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/or193370.d
Lab Smp Id: ccvrt-sg1660l3_0001
Inj Date : 05-OCT-2012 02:53
Operator : Inst ID: PESTGC7.i
Smp Info : ccvrt-sg1660l3_00019
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/080r8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.347	2.345	0.002	133864	1098.33	5.5	80.00-	120.00	100.00(M)
2.675	2.675	0.000	219493	1020.79	5.1	134.39-	201.58	163.97
2.868	2.870	-0.002	156219	1075.74	5.4	102.31-	153.47	116.70
3.135	3.137	-0.002	440513	1025.55	5.1	292.89-	439.34	329.08
3.282	3.283	-0.001	170745	1002.40	5.0	111.08-	166.62	127.55
3.495	3.497	-0.002	205852			123.75-	185.62	153.78
3.725	3.727	-0.002	181184	997.239	5.0	117.84-	176.76	135.35
3.822	3.822	0.000	77177	1005.99	5.0	47.57-	71.36	57.65
Average of Peak Concentrations =					5.2			

27 Aroclor-1260					CAS #: 11096-82-5			
5.152	5.155	-0.003	270263	1002.05	5.0	80.00-	120.00	100.00(M)
5.498	5.500	-0.002	462543	1000.92	5.0	140.72-	211.08	171.15

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
5.848	5.850	-0.002	430808	1024.25	5.1	136.87-	205.30	159.40
5.988	5.993	-0.005	211164	1021.21	5.1	63.19-	94.79	78.13
6.320	6.325	-0.005	211447	971.187	4.8	67.51-	101.26	78.24
7.292	7.295	-0.003	222800	1021.75	5.1	81.09-	121.63	82.44
7.445	7.452	-0.007	179354	966.171	4.8	57.79-	86.68	66.36
8.662	8.667	-0.005	148556	1024.17	5.1	48.02-	72.03	54.97
Average of Peak Concentrations =					5.0			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
9.418	9.423	-0.005	465917	96.5567	0.48	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: or193370.d

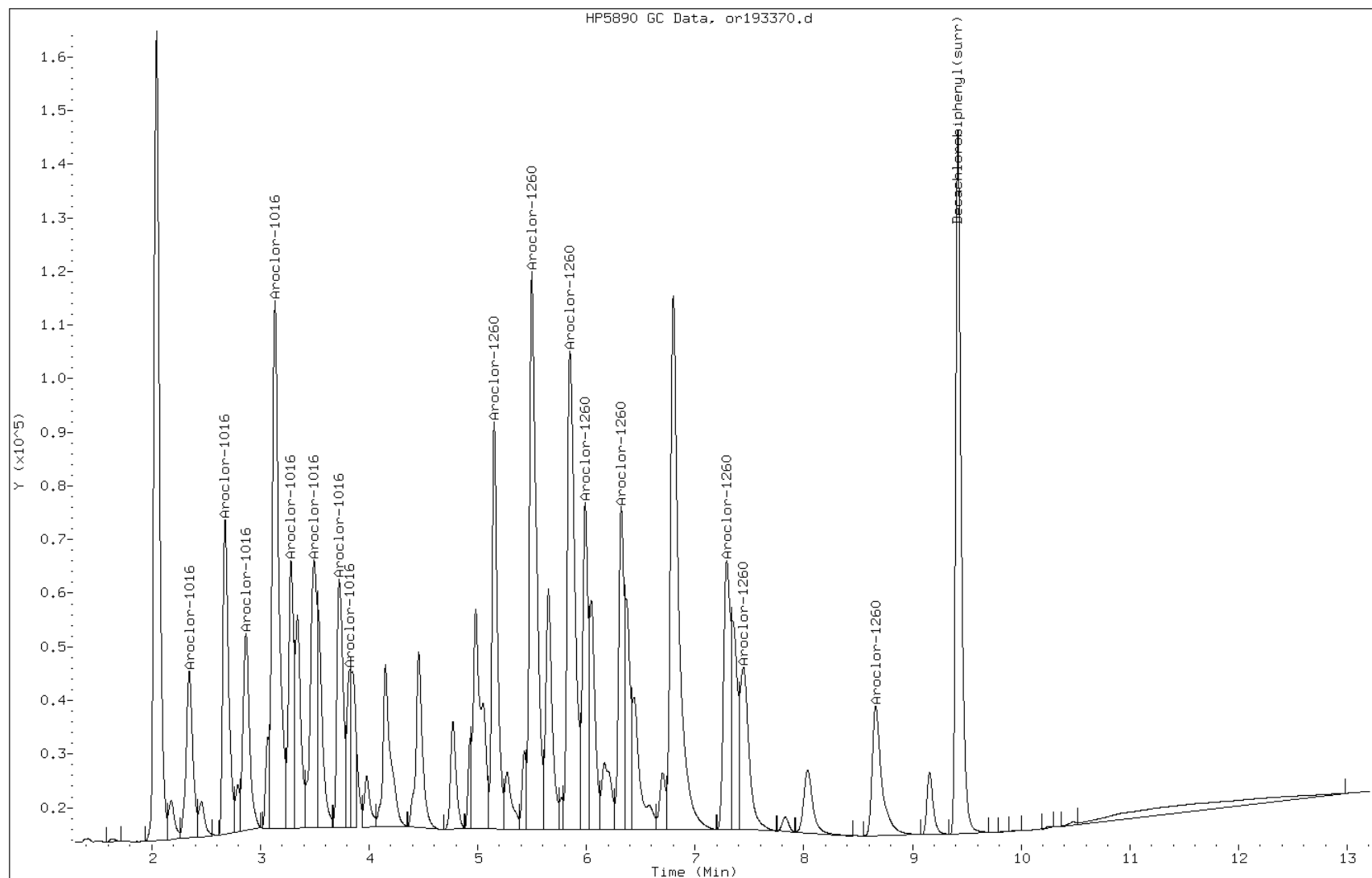
Date: 05-OCT-2012 02:53

Client ID:

Instrument: PESTGC7.i

Sample Info: ccvrt-sg1660l3_00019

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCV 460-130682/24 Calibration Date: 10/05/2012 08:34
 Instrument ID: PESTGC7 Calib Start Date: 09/30/2012 16:14
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/30/2012 17:37
 Lab File ID: of193391.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	124.5	128.4		1030	1000	3.1	15.0
PCB-1016 Peak 2	Ave		259.8		0.130	1000		15.0
PCB-1016 Peak 3	Ave	116.4	115.7		995	1000	-0.5	15.0
PCB-1016 Peak 4	Ave	480.3	474.8		989	1000	-1.1	15.0
PCB-1016 Peak 5	Ave	210.9	210.6		998	1000	-0.2	15.0
PCB-1016 Peak 6	Ave	121.9	125.0		1030	1000	2.6	15.0
PCB-1016 Peak 7	Ave	146.2	141.3		966	1000	-3.4	15.0
PCB-1016 Peak 8	Ave	176.3	179.2		1020	1000	1.6	15.0
PCB-1260 Peak 1	Ave	322.0	315.0		978	1000	-2.2	15.0
PCB-1260 Peak 2	Ave	371.6	366.8		987	1000	-1.3	15.0
PCB-1260 Peak 3	Ave	495.5	488.2		985	1000	-1.5	15.0
PCB-1260 Peak 4	Ave	248.5	249.3		1000	1000	0.3	15.0
PCB-1260 Peak 5	Ave	159.8	165.5		1040	1000	3.5	15.0
PCB-1260 Peak 6	Ave	275.8	275.1		997	1000	-0.3	15.0
PCB-1260 Peak 7	Ave	317.8	330.6		1040	1000	4.0	15.0
PCB-1260 Peak 8	Ave	108.8	108.1		994	1000	-0.6	15.0
DCB Decachlorobiphenyl	Ave	3739	3660		97.9	100	-2.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCV 460-130682/24 Calibration Date: 10/05/2012 08:34
 Instrument ID: PESTGC7 Calib Start Date: 09/30/2012 16:14
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/30/2012 17:37
 Lab File ID: of193391.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.94	2.87	3.01
PCB-1016 Peak 2	3.39	3.33	3.47
PCB-1016 Peak 3	3.68	3.61	3.75
PCB-1016 Peak 4	3.91	3.85	3.99
PCB-1016 Peak 5	4.09	4.02	4.16
PCB-1016 Peak 6	4.37	4.30	4.44
PCB-1016 Peak 7	4.66	4.60	4.74
PCB-1016 Peak 8	4.81	4.75	4.89
PCB-1260 Peak 1	6.29	6.23	6.37
PCB-1260 Peak 2	6.60	6.54	6.68
PCB-1260 Peak 3	7.24	7.17	7.31
PCB-1260 Peak 4	7.40	7.34	7.48
PCB-1260 Peak 5	7.51	7.45	7.59
PCB-1260 Peak 6	8.05	7.99	8.13
PCB-1260 Peak 7	9.27	9.20	9.34
PCB-1260 Peak 8	9.96	9.90	10.04
DCB Decachlorobiphenyl	10.50	10.41	10.61

Data File: of193391.d
Report Date: 05-Oct-2012 09:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/of193391.d
Lab Smp Id: ccv-SG1660L3_00019
Inj Date : 05-OCT-2012 08:34
Operator : Inst ID: PESTGC7.i
Smp Info : ccv-SG1660L3_00019
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/080f8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.937	2.937	0.000	128386	1030.89	5.2	80.00-	120.00	100.00(M)
3.393	3.395	-0.002	259810			161.50-	242.25	202.37
3.682	3.683	-0.001	115742	994.732	5.0	76.13-	114.19	90.15
3.912	3.915	-0.003	474839	988.552	4.9	315.46-	473.18	369.85
4.085	4.087	-0.002	210587	998.424	5.0	138.90-	208.35	164.03
4.370	4.373	-0.003	125004	1025.85	5.1	78.55-	117.82	97.37
4.660	4.665	-0.005	141251	966.333	4.8	94.60-	141.90	110.02
4.813	4.817	-0.004	179180	1016.42	5.1	121.65-	182.48	139.56
Average of Peak Concentrations =					5.0			

27 Aroclor-1260					CAS #: 11096-82-5			
6.293	6.300	-0.007	314994	978.142	4.9	80.00-	120.00	100.00(M)
6.598	6.605	-0.007	366824	987.211	4.9	92.11-	138.17	116.45

Data File: of193391.d
 Report Date: 05-Oct-2012 09:25

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.235	7.243	-0.008	488212	985.240	4.9	130.53-	195.79	154.99
7.397	7.407	-0.010	249268	1003.28	5.0	61.89-	92.83	79.13
7.507	7.517	-0.010	165461	1035.46	5.2	41.24-	61.86	52.53
8.048	8.058	-0.010	275093	997.479	5.0	73.08-	109.61	87.33
9.268	9.273	-0.005	330596	1040.41	5.2	86.66-	130.00	104.95
9.962	9.967	-0.005	108132	993.546	5.0	31.27-	46.90	34.33
Average of Peak Concentrations =					5.0			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.502	10.512	-0.010	365976	97.8756	0.49	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of193391.d

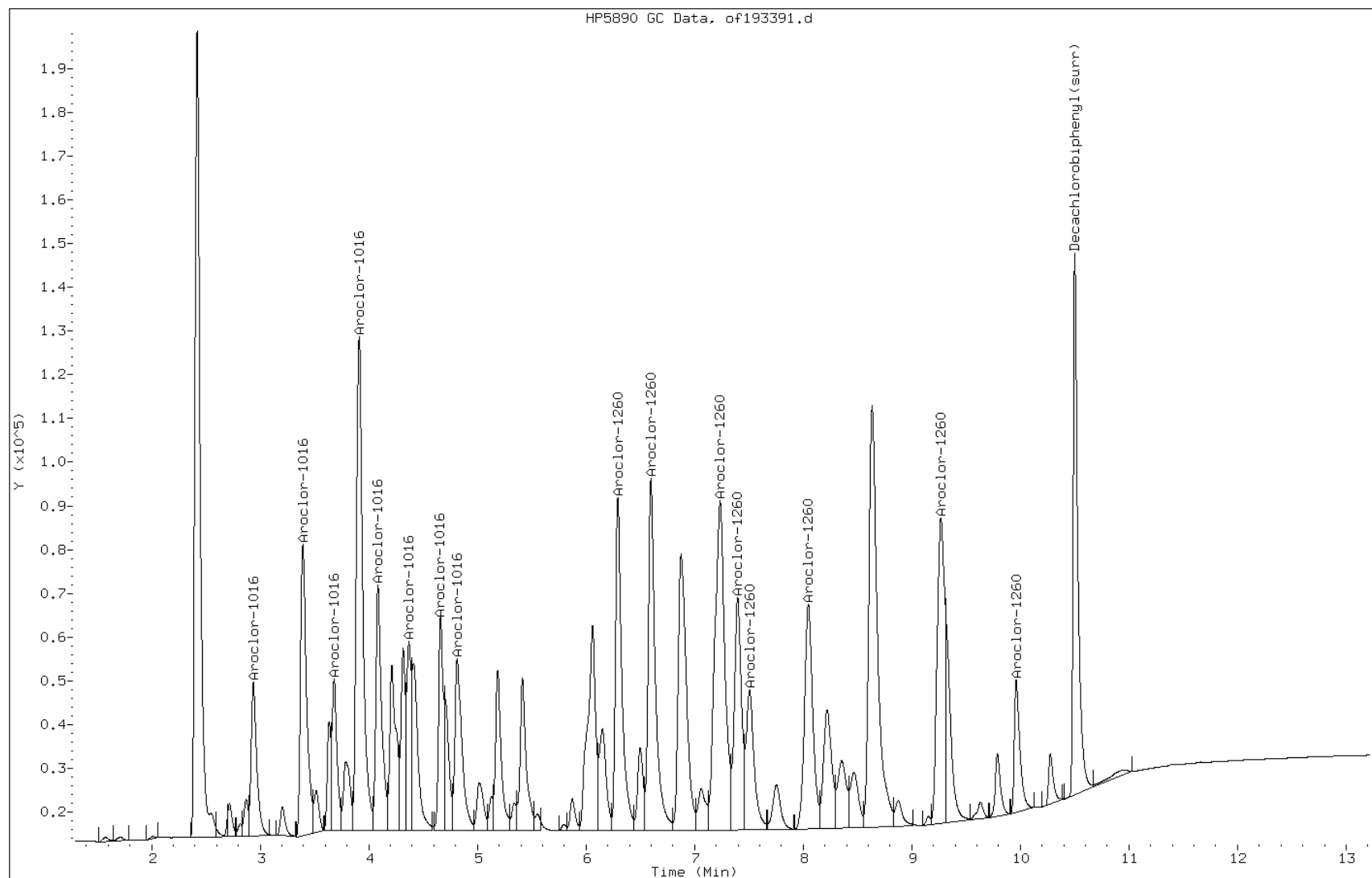
Date: 05-OCT-2012 08:34

Client ID:

Instrument: PESTGC7.i

Sample Info: ccv-SG1660L3_00019

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCV 460-130682/24 Calibration Date: 10/05/2012 08:34
 Instrument ID: PESTGC7 Calib Start Date: 09/30/2012 16:14
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/30/2012 17:37
 Lab File ID: or193391.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	121.9	131.7		1080	1000	8.0	15.0
PCB-1016 Peak 2	Ave	215.0	219.9		1020	1000	2.3	15.0
PCB-1016 Peak 3	Ave	145.2	158.7		1090	1000	9.3	15.0
PCB-1016 Peak 4	Ave	429.5	437.2		1020	1000	1.8	15.0
PCB-1016 Peak 5	Ave	170.3	170.1		999	1000	-0.1	15.0
PCB-1016 Peak 6	Ave		221.5		0.130	1000		15.0
PCB-1016 Peak 7	Ave	181.7	182.9		1010	1000	0.7	15.0
PCB-1016 Peak 8	Ave	76.72	74.92		977	1000	-2.3	15.0
PCB-1260 Peak 1	Ave	269.7	267.0		990	1000	-1.0	15.0
PCB-1260 Peak 2	Ave	462.1	459.3		994	1000	-0.6	15.0
PCB-1260 Peak 3	Ave	420.6	424.8		1010	1000	1.0	15.0
PCB-1260 Peak 4	Ave	206.8	210.2		1020	1000	1.7	15.0
PCB-1260 Peak 5	Ave	217.7	203.6		935	1000	-6.5	15.0
PCB-1260 Peak 6	Ave	218.1	194.0		890	1000	-11.0	15.0
PCB-1260 Peak 7	Ave	185.6	191.0		1030	1000	2.9	15.0
PCB-1260 Peak 8	Ave	145.1	148.3		1020	1000	2.3	15.0
DCB Decachlorobiphenyl	Ave	4825	4762		98.7	100	-1.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Lab Sample ID: CCV 460-130682/24 Calibration Date: 10/05/2012 08:34
 Instrument ID: PESTGC7 Calib Start Date: 09/30/2012 16:14
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/30/2012 17:37
 Lab File ID: or193391.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.87	2.80	2.94
PCB-1016 Peak 4	3.14	3.07	3.21
PCB-1016 Peak 5	3.28	3.21	3.35
PCB-1016 Peak 6	3.49	3.43	3.57
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.82	3.75	3.89
PCB-1260 Peak 1	5.15	5.09	5.23
PCB-1260 Peak 2	5.50	5.43	5.57
PCB-1260 Peak 3	5.85	5.78	5.92
PCB-1260 Peak 4	5.99	5.92	6.06
PCB-1260 Peak 5	6.32	6.26	6.40
PCB-1260 Peak 6	7.29	7.23	7.37
PCB-1260 Peak 7	7.45	7.38	7.52
PCB-1260 Peak 8	8.66	8.60	8.74
DCB Decachlorobiphenyl	9.42	9.32	9.52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/or193391.d
Lab Smp Id: ccv-SG1660L3_00019
Inj Date : 05-OCT-2012 08:34
Operator : Inst ID: PESTGC7.i
Smp Info : ccv-SG1660L3_00019
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/080r8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.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	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.347	2.345	0.002	131678	1080.40	5.4	80.00-	120.00	100.00(M)	
2.677	2.675	0.002	219882	1022.60	5.1	134.39-	201.58	166.98	
2.868	2.870	-0.002	158688	1092.75	5.5	102.31-	153.47	120.51	
3.137	3.137	0.000	437162	1017.75	5.1	292.89-	439.34	331.99	
3.282	3.283	-0.001	170140	998.847	5.0	111.08-	166.62	129.21	
3.493	3.497	-0.004	221514			123.75-	185.62	168.22	
3.725	3.727	-0.002	182921	1006.80	5.0	117.84-	176.76	138.92	
3.822	3.822	0.000	74922	976.599	4.9	47.57-	71.36	56.90	
Average of Peak Concentrations =					5.1				

27 Aroclor-1260					CAS #: 11096-82-5				
5.152	5.155	-0.003	266992	989.926	4.9	80.00-	120.00	100.00(M)	
5.497	5.500	-0.003	459289	993.875	5.0	140.72-	211.08	172.02	

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
5.848	5.850	-0.002	424803	1009.97	5.0	136.87- 205.30	159.11	
5.988	5.993	-0.005	210245	1016.76	5.1	63.19- 94.79	78.75	
6.320	6.325	-0.005	203598	935.136	4.7	67.51- 101.26	76.26	
7.292	7.295	-0.003	194008	889.714	4.4	81.09- 121.63	72.66	
7.445	7.452	-0.007	190959	1028.69	5.1	57.79- 86.68	71.52	
8.662	8.667	-0.005	148323	1022.56	5.1	48.02- 72.03	55.55	
Average of Peak Concentrations =					4.9			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.418	9.423	-0.005	476235	98.6950	0.49	80.00- 120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or193391.d

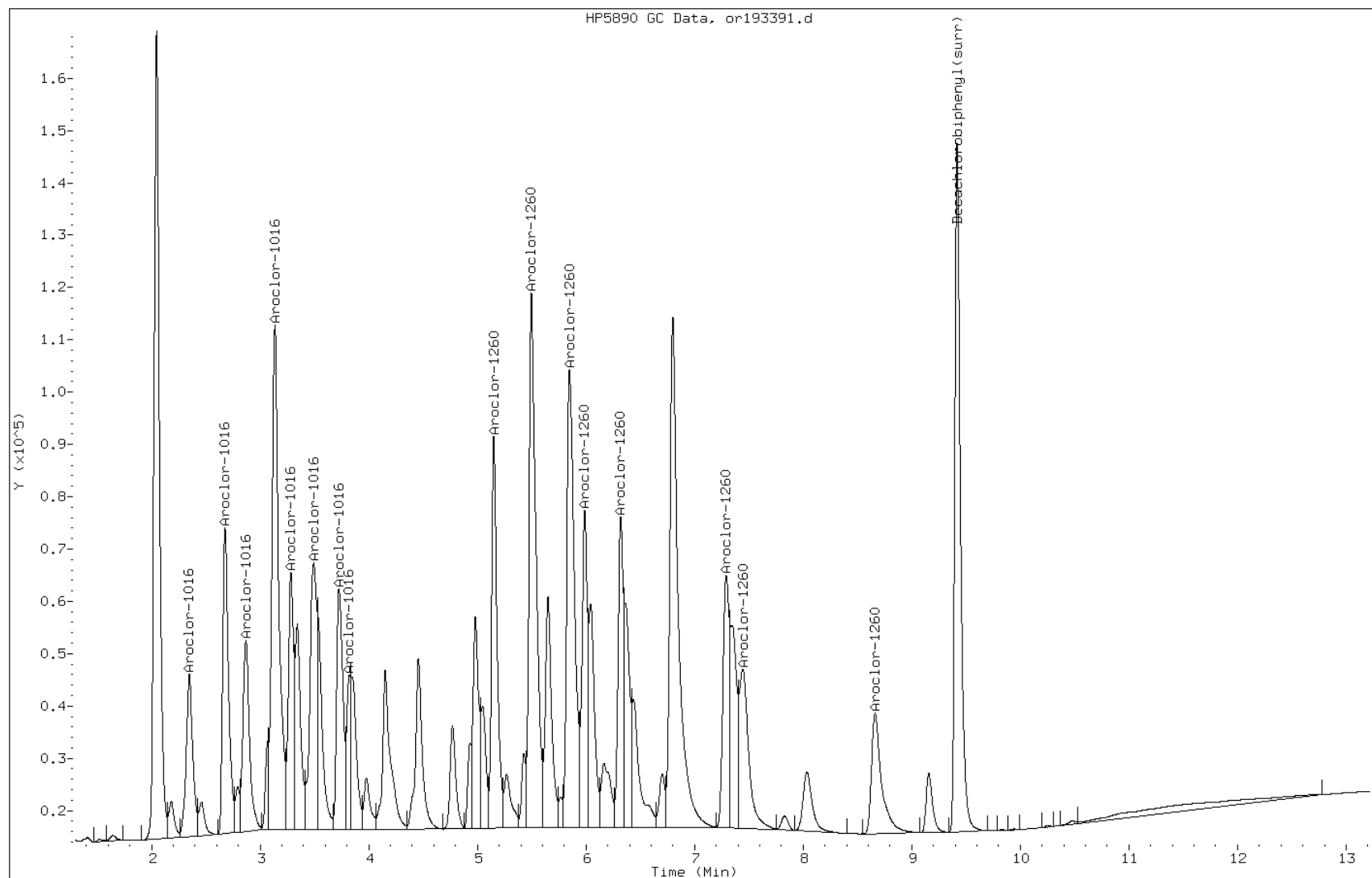
Date: 05-OCT-2012 08:34

Client ID:

Instrument: PESTGC7.i

Sample Info: ccv-SG1660L3_00019

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-130463/1-A
Matrix: Water Lab File ID: of193377.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
Sample wt/vol: 1000 (mL) Date Analyzed: 10/05/2012 04:47
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.: 130682 Units: ug/L

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

Data File: of193377.d
Report Date: 05-Oct-2012 09:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/of193377.d
Lab Smp Id: MB 460-130463/1-A
Inj Date : 05-OCT-2012 04:47
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-130463/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/080f8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.503	10.512	-0.009	310123	82.9384	0.41	80.00- 120.00	100.00(M)		

QC Flag Legend

M - Compound response manually integrated.

Data File: of193377.d

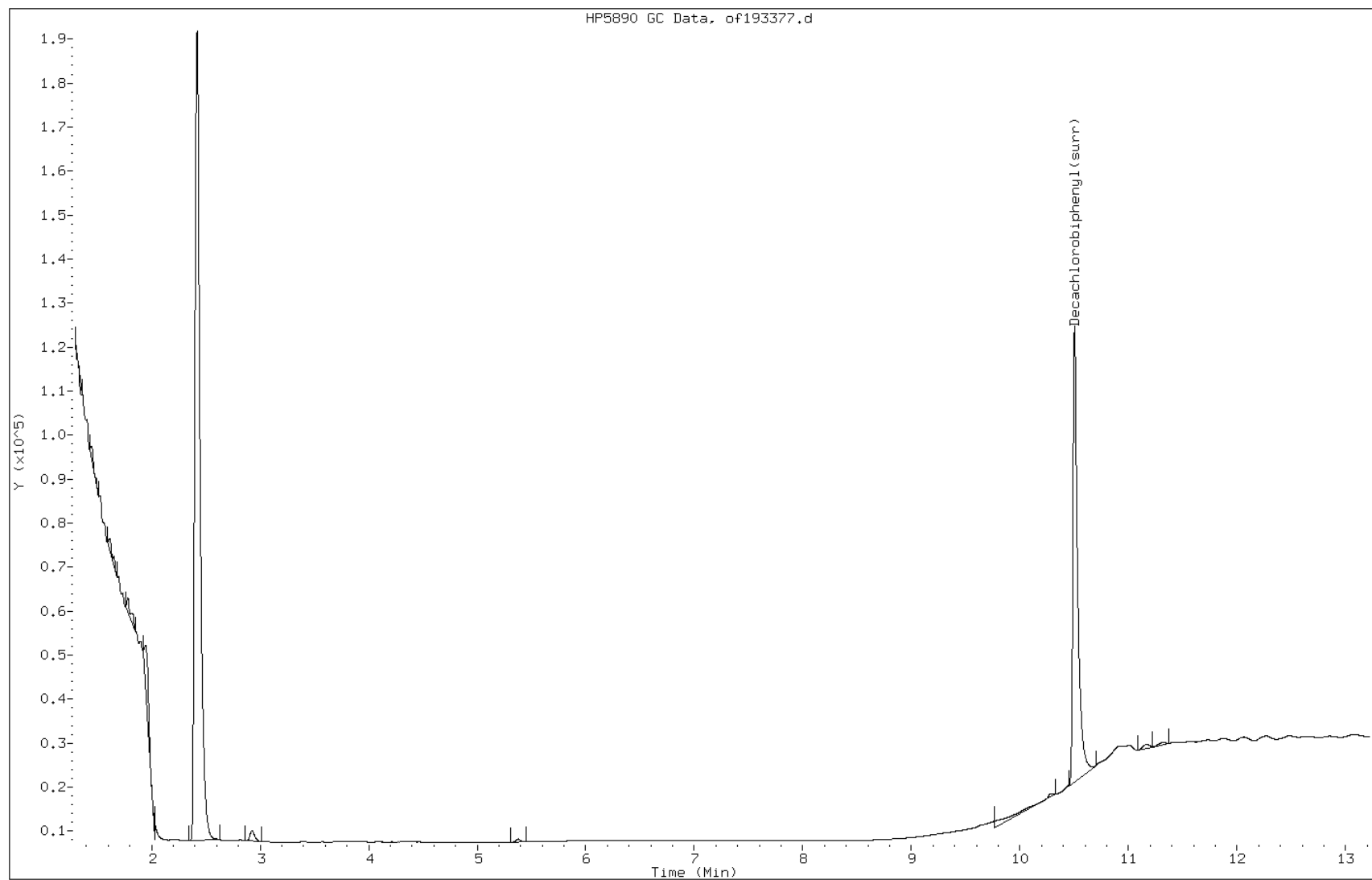
Date: 05-OCT-2012 04:47

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-130463/1-A

Operator:



Manual Integration Report

Data File: of193377.d
Inj. Date and Time: 05-OCT-2012 04:47
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/05/2012

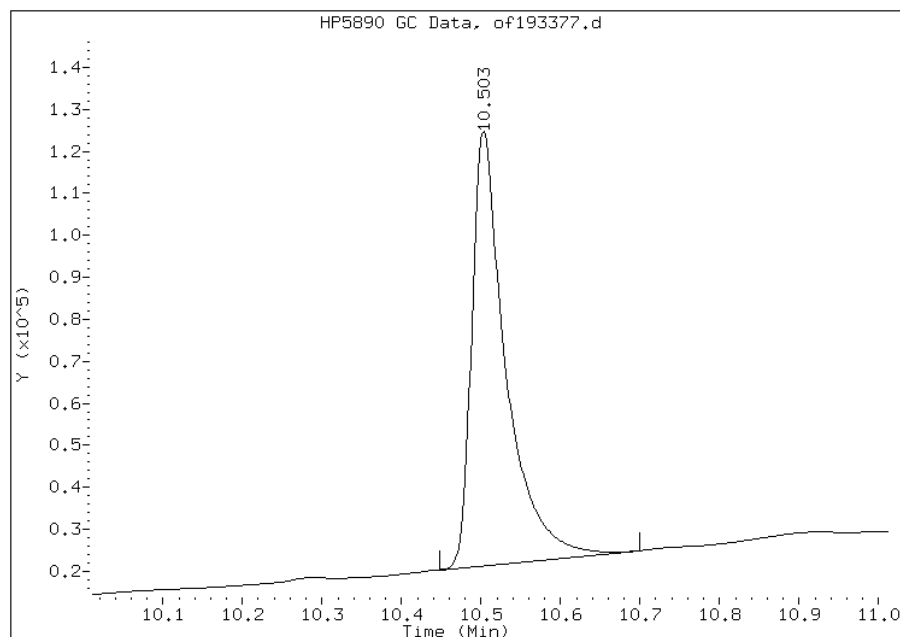
Processing Integration Results

Not Detected

Expected RT: 10.51

Manual Integration Results

RT: 10.50
Response: 310123
Amount: 82.94
Conc: 0.41



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-130463/1-A
 Matrix: Water Lab File ID: or193377.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/05/2012 04:47
 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.: 130682 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	75		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/or193377.d
Lab Smp Id: MB 460-130463/1-A
Inj Date : 05-OCT-2012 04:47
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-130463/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/080r8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.420	9.423	-0.003	361570	74.9318	0.37 80.00- 120.00	100.00			

Data File: or193377.d

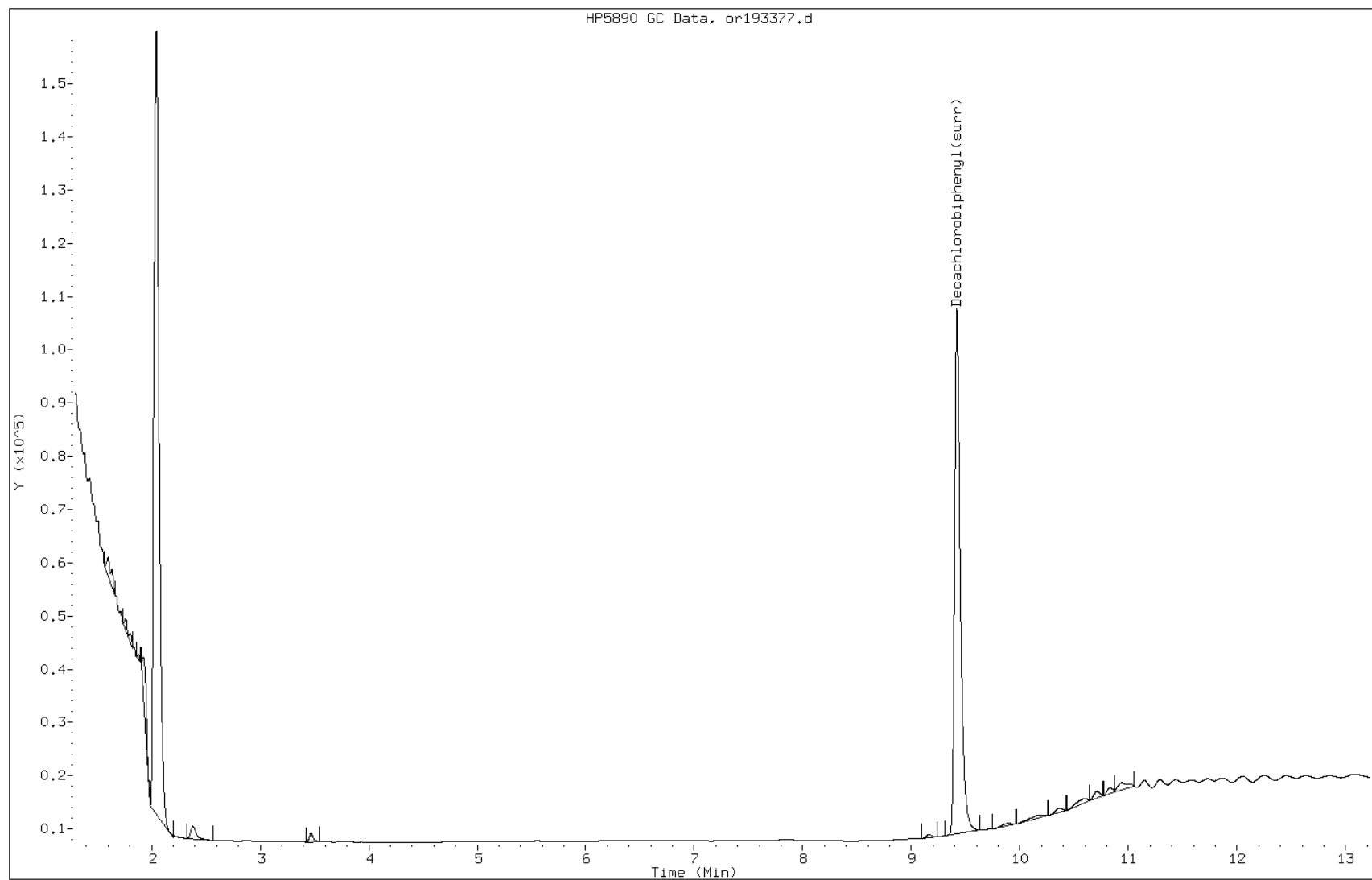
Date: 05-OCT-2012 04:47

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-130463/1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-130463/2-A
 Matrix: Water Lab File ID: of193378.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/05/2012 05:03
 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.: 130682 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	6.17		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	6.00		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		37-150

Data File: of193378.d
 Report Date: 05-Oct-2012 09:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/of193378.d
 Lab Smp Id: LCS 460-130463/2-A
 Inj Date : 05-OCT-2012 05:03
 Operator : Inst ID: PESTGC7.i
 Smp Info : LCS 460-130463/2-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/080f8082.m
 Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
 Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
 Als bottle: 11 QC Sample: LCS
 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	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL			TARGET	RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2						
2.937	2.937	0.000	152948	1228.11	6.1	80.00-	120.00	100.00(M)	
3.392	3.395	-0.003	322203			161.50-	242.25	210.66	
3.680	3.683	-0.003	143382	1232.28	6.2	76.13-	114.19	93.75	
3.910	3.915	-0.005	600803	1250.79	6.2	315.46-	473.18	392.82	
4.083	4.087	-0.004	260542	1235.27	6.2	138.90-	208.35	170.35	
4.368	4.373	-0.005	148099	1215.38	6.1	78.55-	117.82	96.83	
4.658	4.665	-0.007	183217	1253.43	6.3	94.60-	141.90	119.79	
4.812	4.817	-0.005	214813	1218.55	6.1	121.65-	182.48	140.45	
Average of Peak Concentrations =			6.2						
27 Aroclor-1260			CAS #: 11096-82-5						
6.292	6.300	-0.008	377874	1173.40	5.9	80.00-	120.00	100.00(M)	
6.595	6.605	-0.010	429714	1156.46	5.8	92.11-	138.17	113.72	

Data File: of193378.d
 Report Date: 05-Oct-2012 09:15

			CONCENTRATIONS						
			ON-COL	FINAL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.232	7.243	-0.011	604028	1218.96	6.1	130.53-	195.79	159.85	
7.393	7.407	-0.014	292314	1176.53	5.9	61.89-	92.83	77.36	
7.503	7.517	-0.014	182769	1143.78	5.7	41.24-	61.86	48.37	
8.045	8.058	-0.013	343151	1244.26	6.2	73.08-	109.61	90.81	
9.265	9.273	-0.008	414840	1305.53	6.5	86.66-	130.00	109.78	
9.960	9.967	-0.007	127803	1174.29	5.9	31.27-	46.90	33.82	
Average of Peak Concentrations =					6.0				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.497	10.512	-0.015	341234	91.2587	0.46	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of193378.d

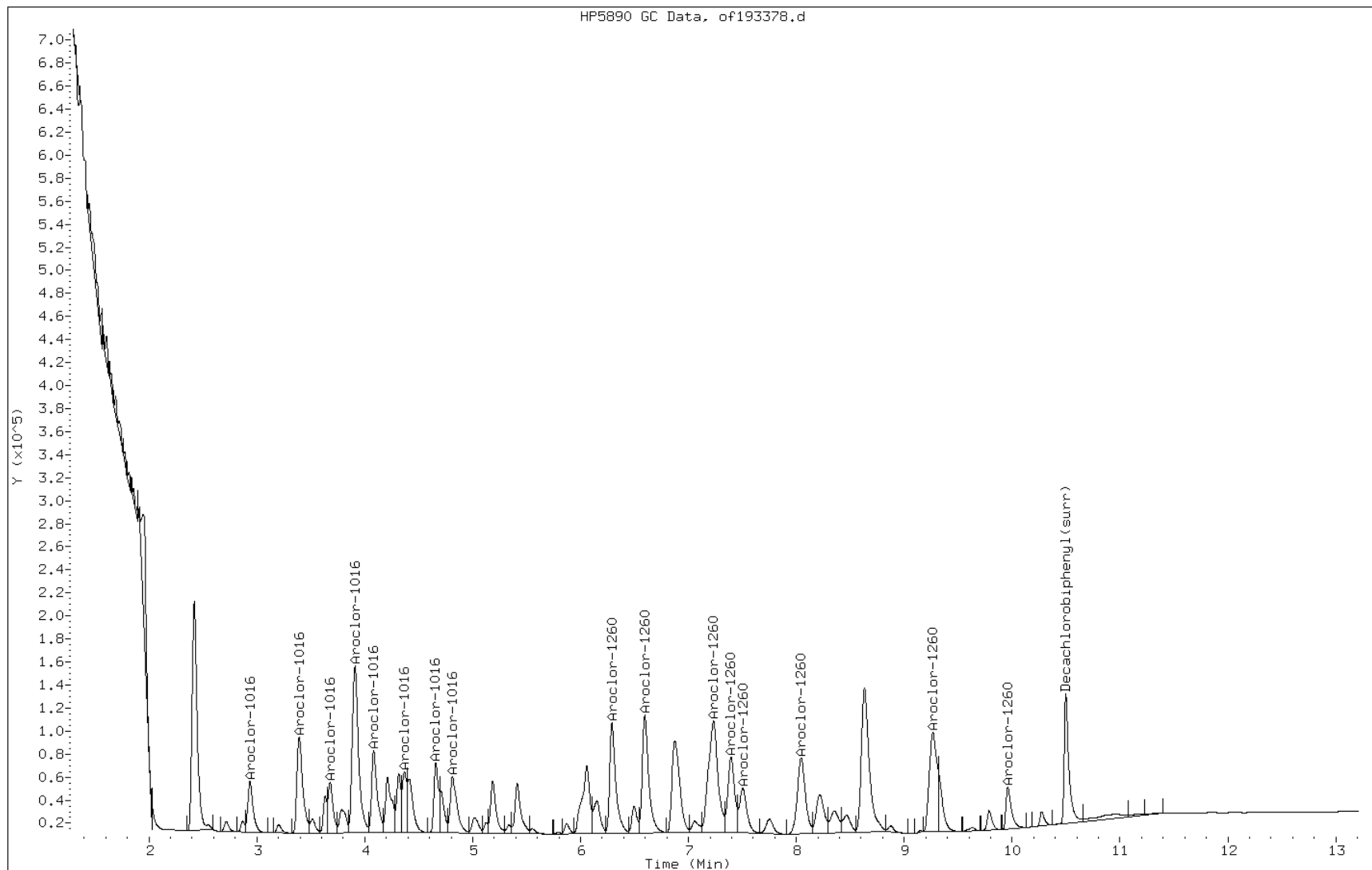
Date: 05-OCT-2012 05:03

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-130463/2-A

Operator:



Manual Integration Report

Data File: of193378.d
Inj. Date and Time: 05-OCT-2012 05:03
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2012

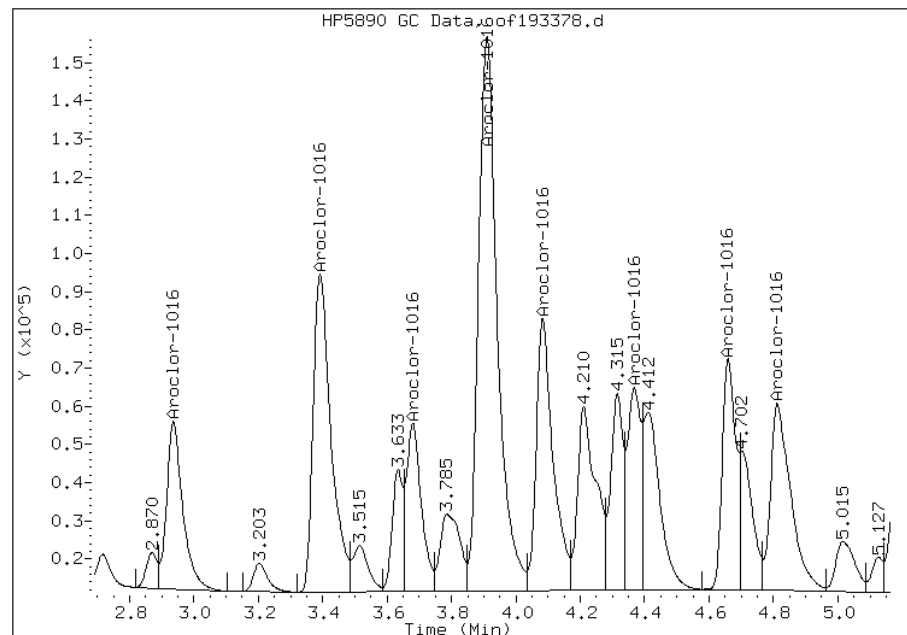
Processing Integration Results

Not Detected

Expected RT: 2.94

Manual Integration Results

RT: 2.94
Response: 152948
Amount: 1233.40
Conc: 6.20



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of193378.d
Inj. Date and Time: 05-OCT-2012 05:03
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/05/2012

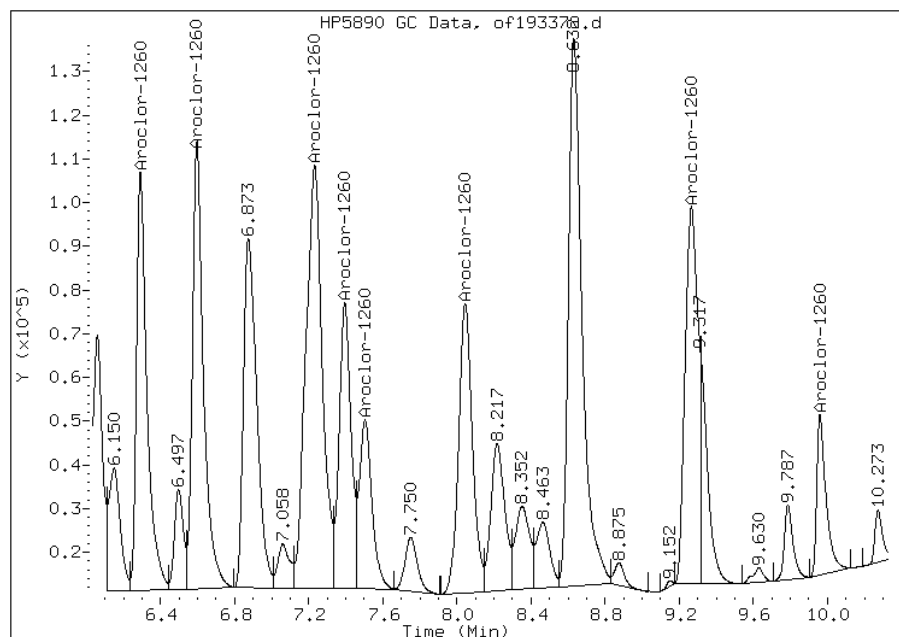
Processing Integration Results

Not Detected

Expected RT: 6.30

Manual Integration Results

RT: 6.29
Response: 377874
Amount: 1199.15
Conc: 6.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-130463/2-A
 Matrix: Water Lab File ID: or193378.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/05/2012 05:03
 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.: 130682 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.82		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	6.05		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/or193378.d
Lab Smp Id: LCS 460-130463/2-A
Inj Date : 05-OCT-2012 05:03
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-130463/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/080r8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 11 QC Sample: LCS
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	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.352	2.345	0.007	141824	1163.64	5.8	80.00-	120.00	100.00(M)
2.680	2.675	0.005	255667	1189.03	5.9	134.39-	201.58	180.27
2.873	2.870	0.003	0			102.31-	153.47	0.00
3.138	3.137	0.001	0			292.89-	439.34	0.00
3.285	3.283	0.002	202832	1190.77	6.0	111.08-	166.62	143.02
3.497	3.497	0.000	244173			123.75-	185.62	172.17
3.727	3.727	0.000	210045	1156.09	5.8	117.84-	176.76	148.10
3.825	3.822	0.003	86154	1123.01	5.6	47.57-	71.36	60.75
Average of Peak Concentrations =					5.8			

27 Aroclor-1260					CAS #: 11096-82-5			
5.152	5.155	-0.003	322263	1194.85	6.0	80.00-	120.00	100.00(M)
5.498	5.500	-0.002	557933	1207.33	6.0	140.72-	211.08	173.13

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.847	5.850	-0.003	524933	1248.03	6.2	136.87-	205.30	162.89	
5.988	5.993	-0.005	249499	1206.60	6.0	63.19-	94.79	77.42	
6.320	6.325	-0.005	267482	1228.56	6.1	67.51-	101.26	83.00	
7.290	7.295	-0.005	0			81.09-	121.63	0.00	
7.443	7.452	-0.009	216244	1164.90	5.8	57.79-	86.68	67.10	
8.660	8.667	-0.007	177152	1221.32	6.1	48.02-	72.03	54.97	
Average of Peak Concentrations =					6.0				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.417	9.423	-0.006	417388	86.4996	0.43	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or193378.d

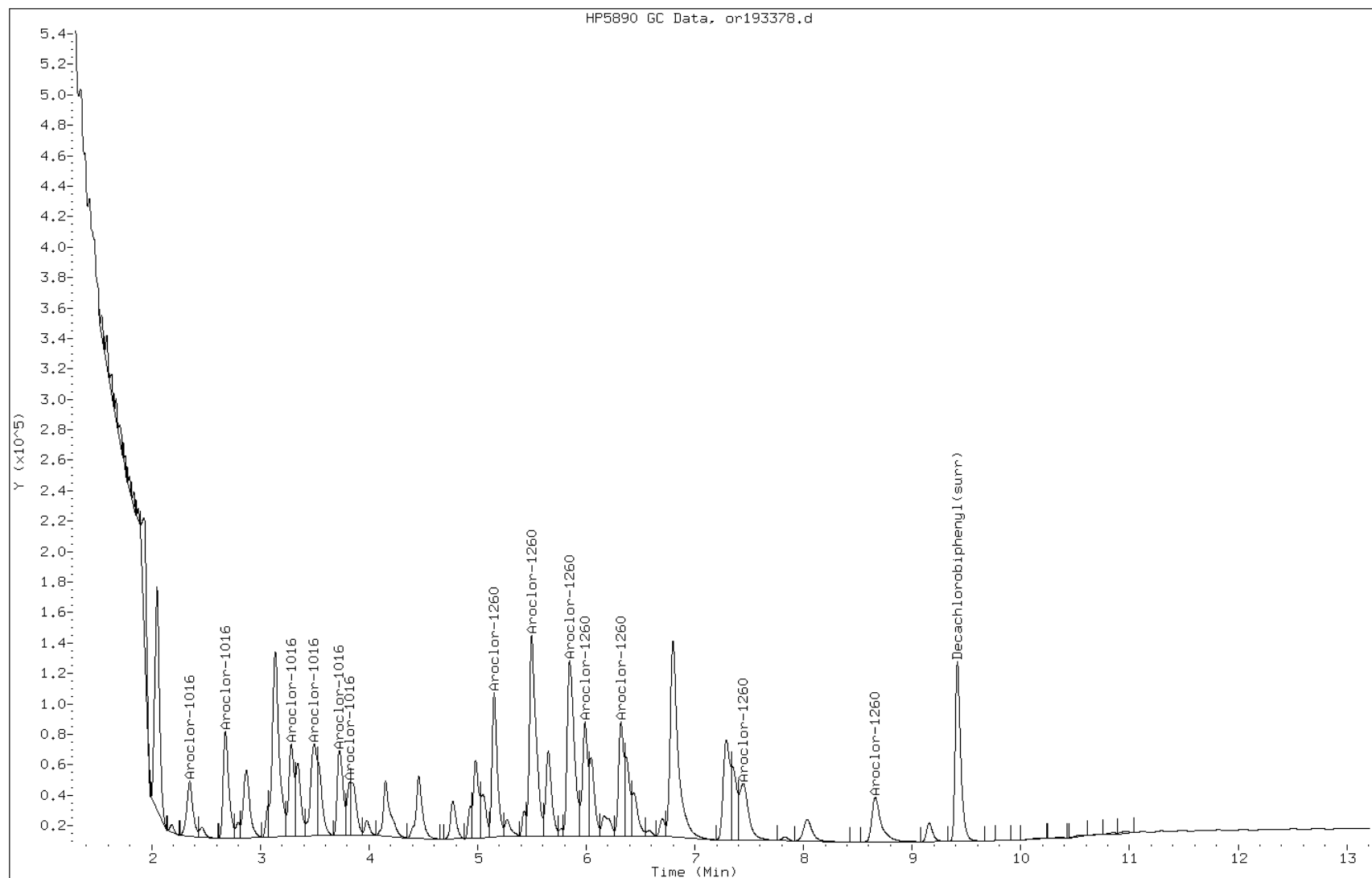
Date: 05-OCT-2012 05:03

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-130463/2-A

Operator:

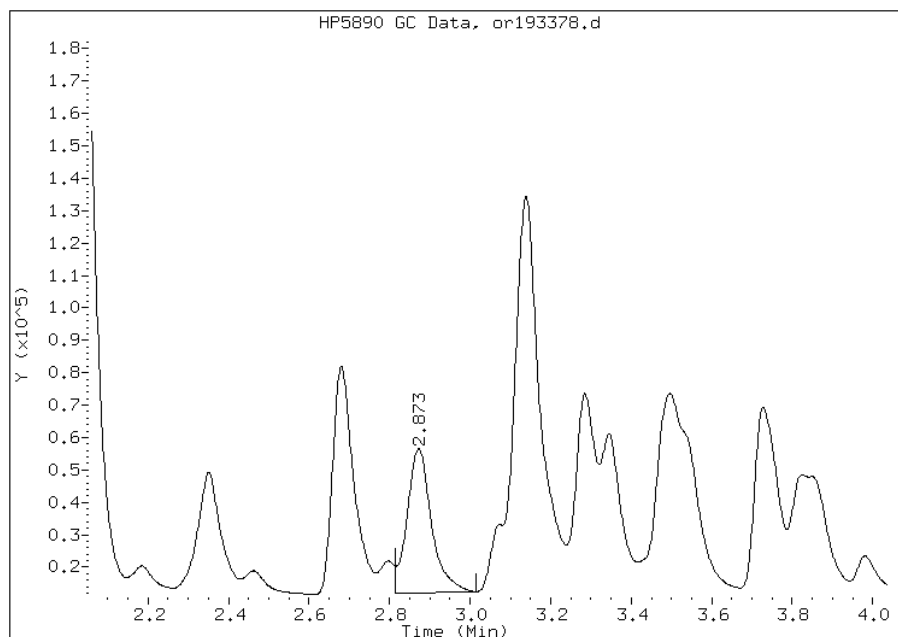


Manual Integration Report

Data File: or193378.d
Inj. Date and Time: 05-OCT-2012 05:03
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2012

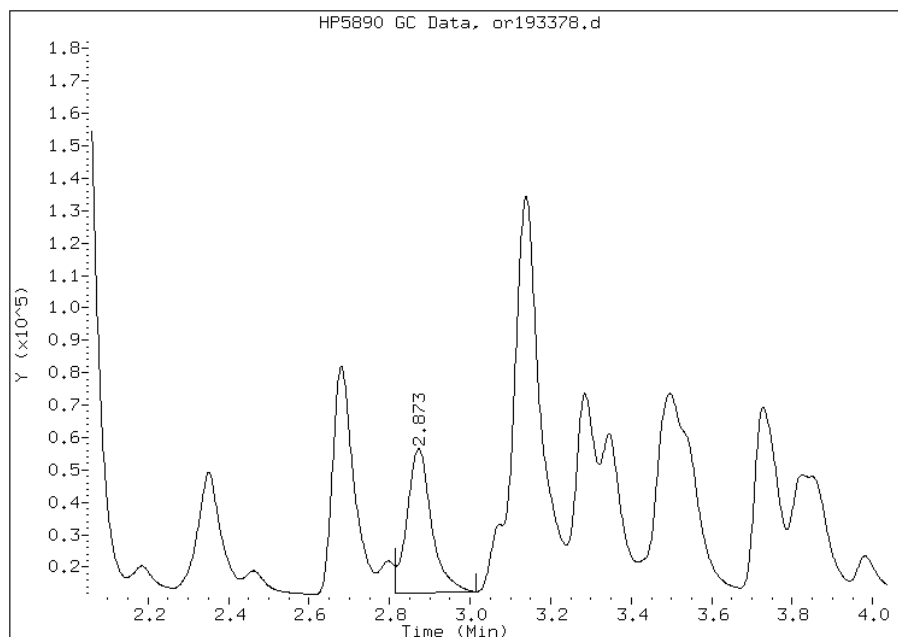
Processing Integration Results

RT: 2.87
Response: 186535
Amount: 1253.88
Conc: 6.30



Manual Integration Results

RT: 2.87
Response: 0
Amount: 1164.51
Conc: 5.80



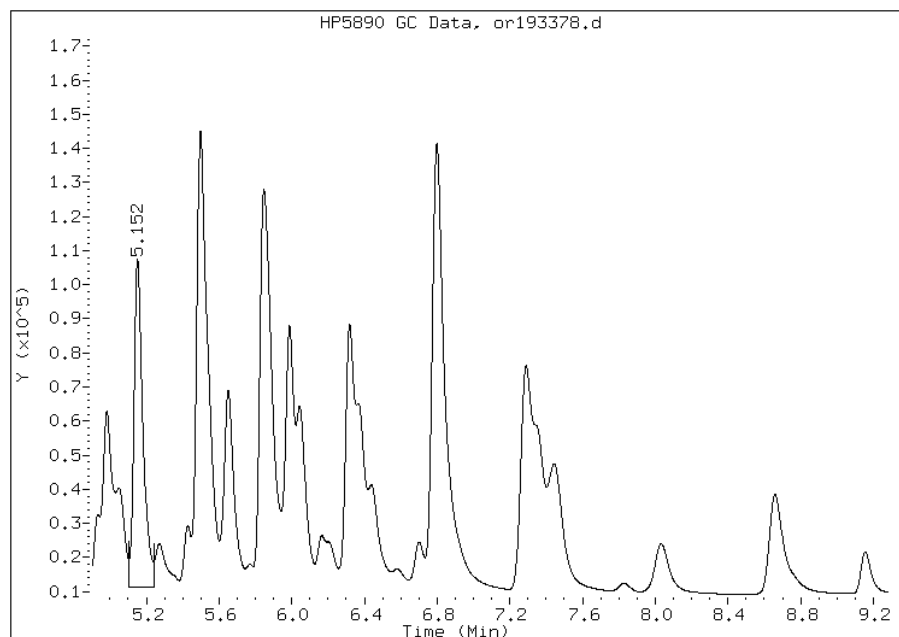
Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or193378.d
Inj. Date and Time: 05-OCT-2012 05:03
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/05/2012

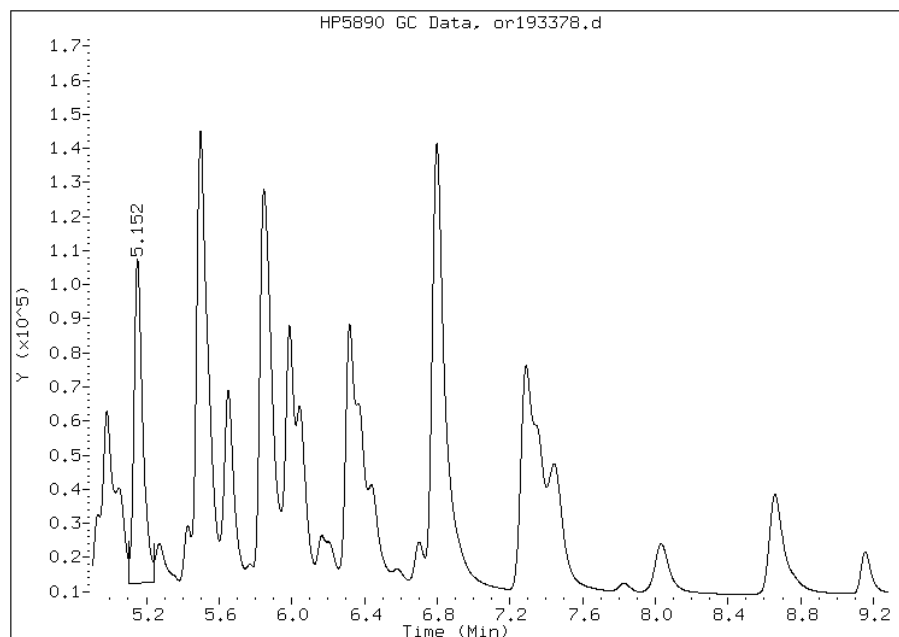
Processing Integration Results

RT: 5.15
Response: 331353
Amount: 1256.77
Conc: 6.30



Manual Integration Results

RT: 5.15
Response: 322263
Amount: 1210.23
Conc: 6.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-130463/3-A
 Matrix: Water Lab File ID: of193379.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/05/2012 05:19
 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.: 130682 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	6.09		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	6.09		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		37-150

Data File: of193379.d
Report Date: 05-Oct-2012 09:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/of193379.d
Lab Smp Id: LCSD 460-130463/3-A
Inj Date : 05-OCT-2012 05:19
Operator :
Smp Info : LCSD 460-130463/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct12/10-05-12/05oct12a.b/080f8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 30-SEP-2012 19:35 Cal File: of193147.d
Als bottle: 12 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.933	2.937	-0.004	160097	1285.51	6.4	80.00-	120.00	100.00(M)
3.388	3.395	-0.007	321370			161.50-	242.25	200.73
3.677	3.683	-0.006	142690	1226.33	6.1	76.13-	114.19	89.13
3.908	3.915	-0.007	595174	1239.07	6.2	315.46-	473.18	371.76
4.080	4.087	-0.007	260160	1233.46	6.2	138.90-	208.35	162.50
4.365	4.373	-0.008	140742	1155.01	5.8	78.55-	117.82	87.91
4.657	4.665	-0.008	166172	1136.82	5.7	94.60-	141.90	103.79
4.808	4.817	-0.009	221289	1255.29	6.3	121.65-	182.48	138.22
Average of Peak Concentrations =					6.1			

27 Aroclor-1260					CAS #: 11096-82-5			
6.288	6.300	-0.012	383493	1190.85	6.0	80.00-	120.00	100.00(M)
6.593	6.605	-0.012	443151	1192.63	6.0	92.11-	138.17	115.56

Data File: of193379.d
 Report Date: 05-Oct-2012 09:15

			CONCENTRATIONS						
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.230	7.243	-0.013	619185	1249.55	6.2	130.53-	195.79	161.46	
7.392	7.407	-0.015	302847	1218.93	6.1	61.89-	92.83	78.97	
7.502	7.517	-0.015	192302	1203.43	6.0	41.24-	61.86	50.14	
8.043	8.058	-0.015	345355	1252.25	6.3	73.08-	109.61	90.06	
9.263	9.273	-0.010	398763	1254.93	6.3	86.66-	130.00	103.98	
9.960	9.967	-0.007	128431	1180.06	5.9	31.27-	46.90	33.49	
Average of Peak Concentrations =					6.1				

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3			
10.498	10.512	-0.014	324451	86.7703	0.43	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of193379.d

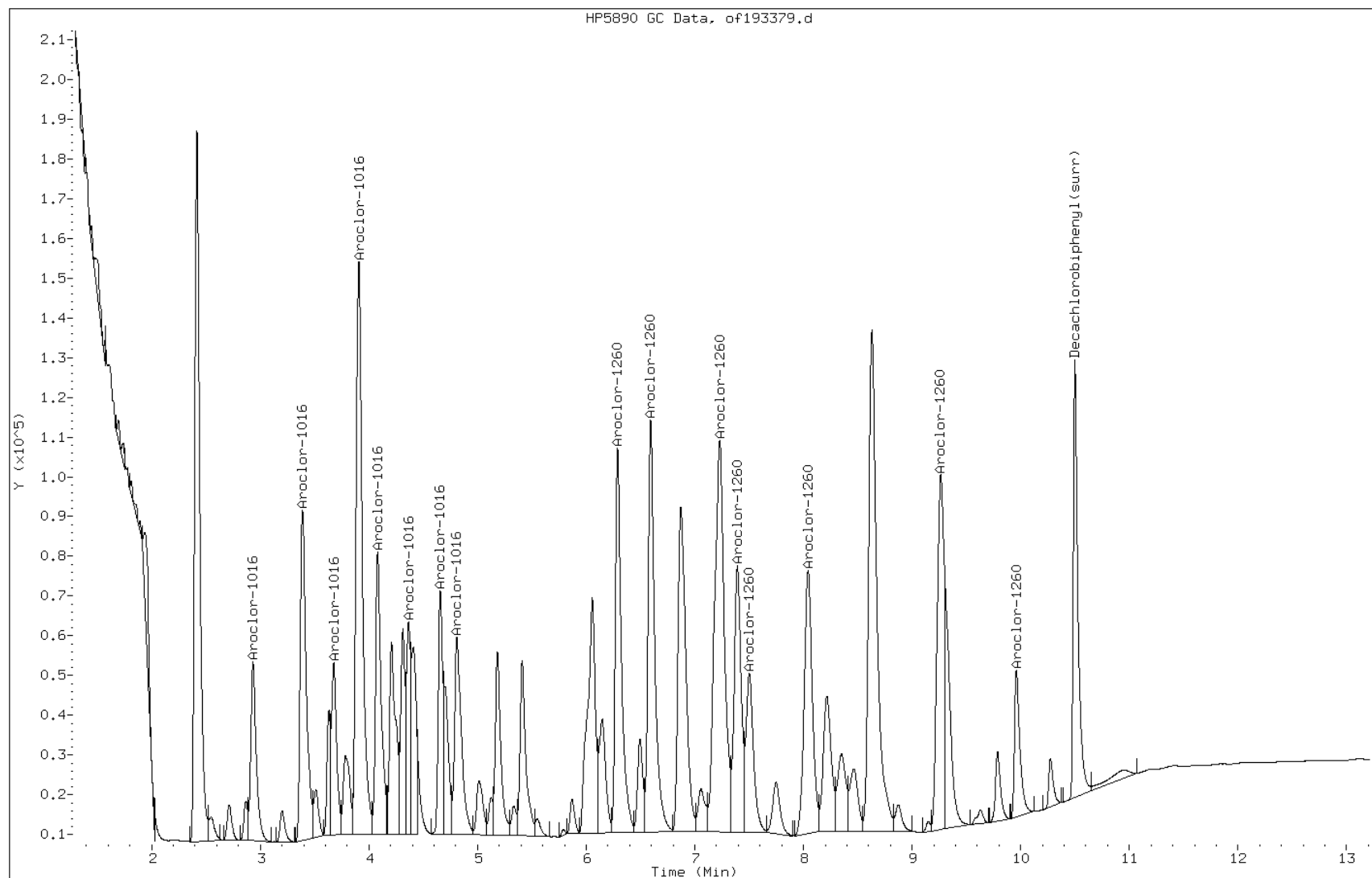
Date: 05-OCT-2012 05:19

Client ID:

Instrument: PESTGC7.i

Sample Info: LCSD 460-130463/3-A

Operator:

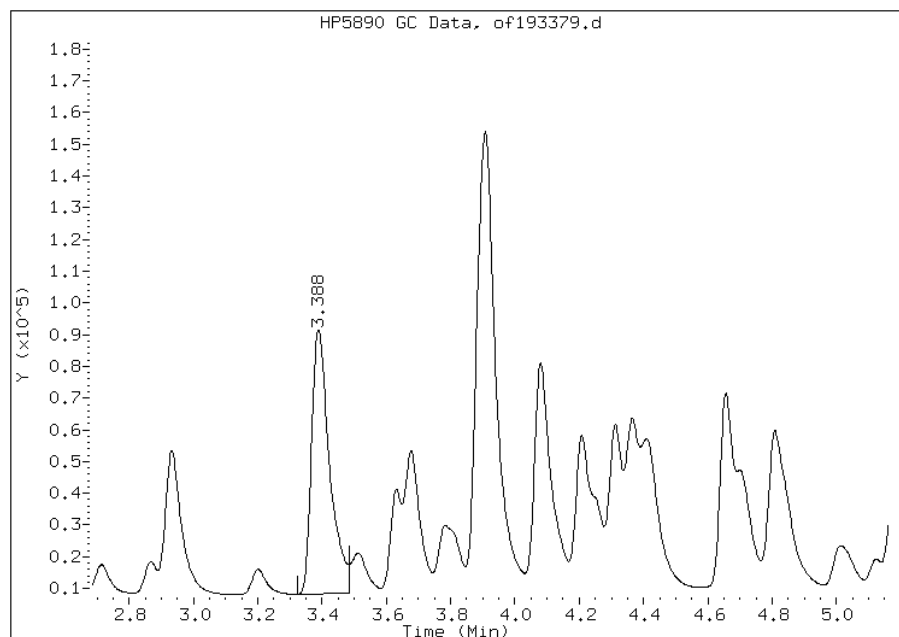


Manual Integration Report

Data File: of193379.d
Inj. Date and Time: 05-OCT-2012 05:19
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2012

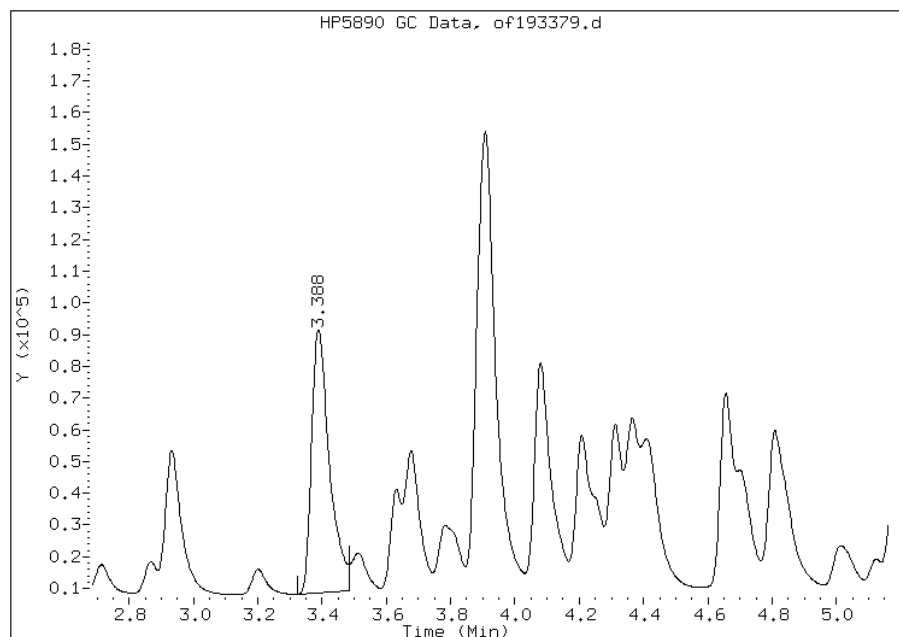
Processing Integration Results

RT: 3.39
Response: 324979
Amount: 1264.88
Conc: 6.30



Manual Integration Results

RT: 3.39
Response: 321370
Amount: 1218.78
Conc: 6.10



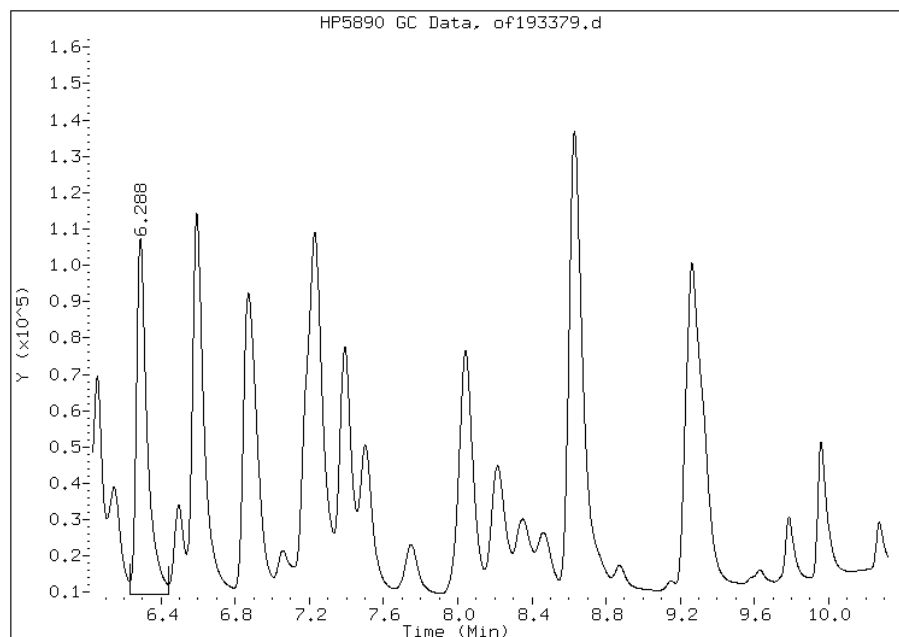
Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of193379.d
Inj. Date and Time: 05-OCT-2012 05:19
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/05/2012

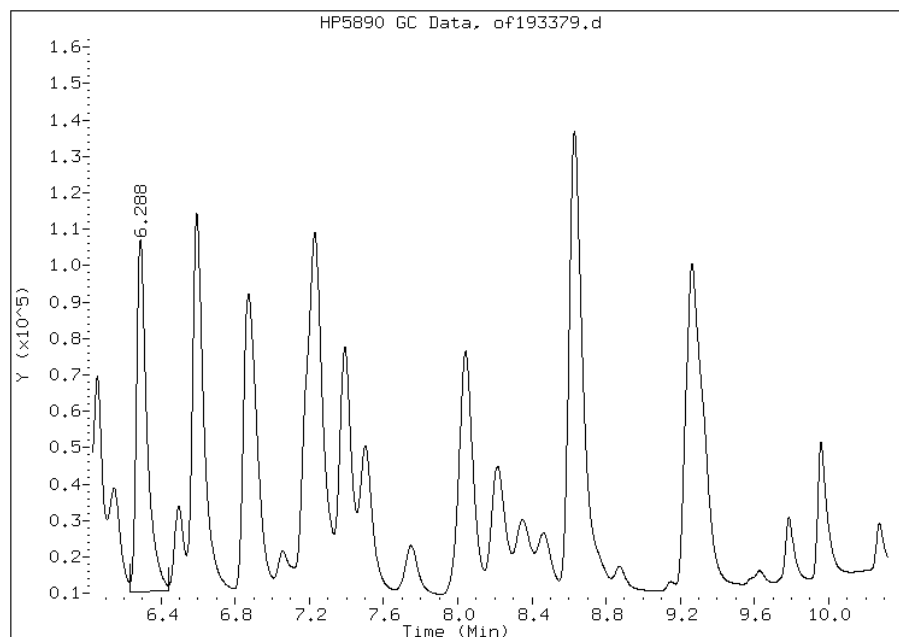
Processing Integration Results

RT: 6.29
Response: 396648
Amount: 1249.03
Conc: 6.20



Manual Integration Results

RT: 6.29
Response: 383493
Amount: 1217.83
Conc: 6.10



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-130463/3-A
 Matrix: Water Lab File ID: or193379.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 10/04/2012 08:21
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/05/2012 05:19
 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.: 130682 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	6.11		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	6.08		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/or193379.d
Lab Smp Id: LCSD 460-130463/3-A
Inj Date : 05-OCT-2012 05:19
Operator :
Smp Info : LCSD 460-130463/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b/080r8082.m
Meth Date : 05-Oct-2012 09:12 patelji Quant Type: ESTD
Cal Date : 26-SEP-2012 11:37 Cal File: or192981.d
Als bottle: 12 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.348	2.345	0.003	151045	1239.30	6.2	80.00-	120.00	100.00(M)
2.677	2.675	0.002	259066	1204.83	6.0	134.39-	201.58	171.52
2.870	2.870	0.000	0			102.31-	153.47	0.00
3.137	3.137	0.000	540621	1258.61	6.3	292.89-	439.34	357.92
3.283	3.283	0.000	207163	1216.20	6.1	111.08-	166.62	137.15
3.495	3.497	-0.002	255627			123.75-	185.62	169.24
3.725	3.727	-0.002	213200	1173.46	5.9	117.84-	176.76	141.15
3.822	3.822	0.000	95527	1245.18	6.2	47.57-	71.36	63.24
Average of Peak Concentrations =					6.1			

27 Aroclor-1260					CAS #: 11096-82-5			
5.150	5.155	-0.005	325797	1207.96	6.0	80.00-	120.00	100.00(MH)
5.495	5.500	-0.005	562677	1217.60	6.1	140.72-	211.08	172.71

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
5.845	5.850	-0.005	0			136.87- 205.30	0.00	
5.987	5.993	-0.006	255186	1234.10	6.2	63.19- 94.79	78.33	
6.318	6.325	-0.007	257537	1182.88	5.9	67.51- 101.26	79.05	
7.288	7.295	-0.007	0			81.09- 121.63	0.00	
7.443	7.452	-0.009	224396	1208.81	6.0	57.79- 86.68	68.88	
8.658	8.667	-0.009	180467	1244.17	6.2	48.02- 72.03	55.39	
Average of Peak Concentrations =					6.1			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
9.417	9.423	-0.006	420270	87.0968	0.44	80.00- 120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or193379.d

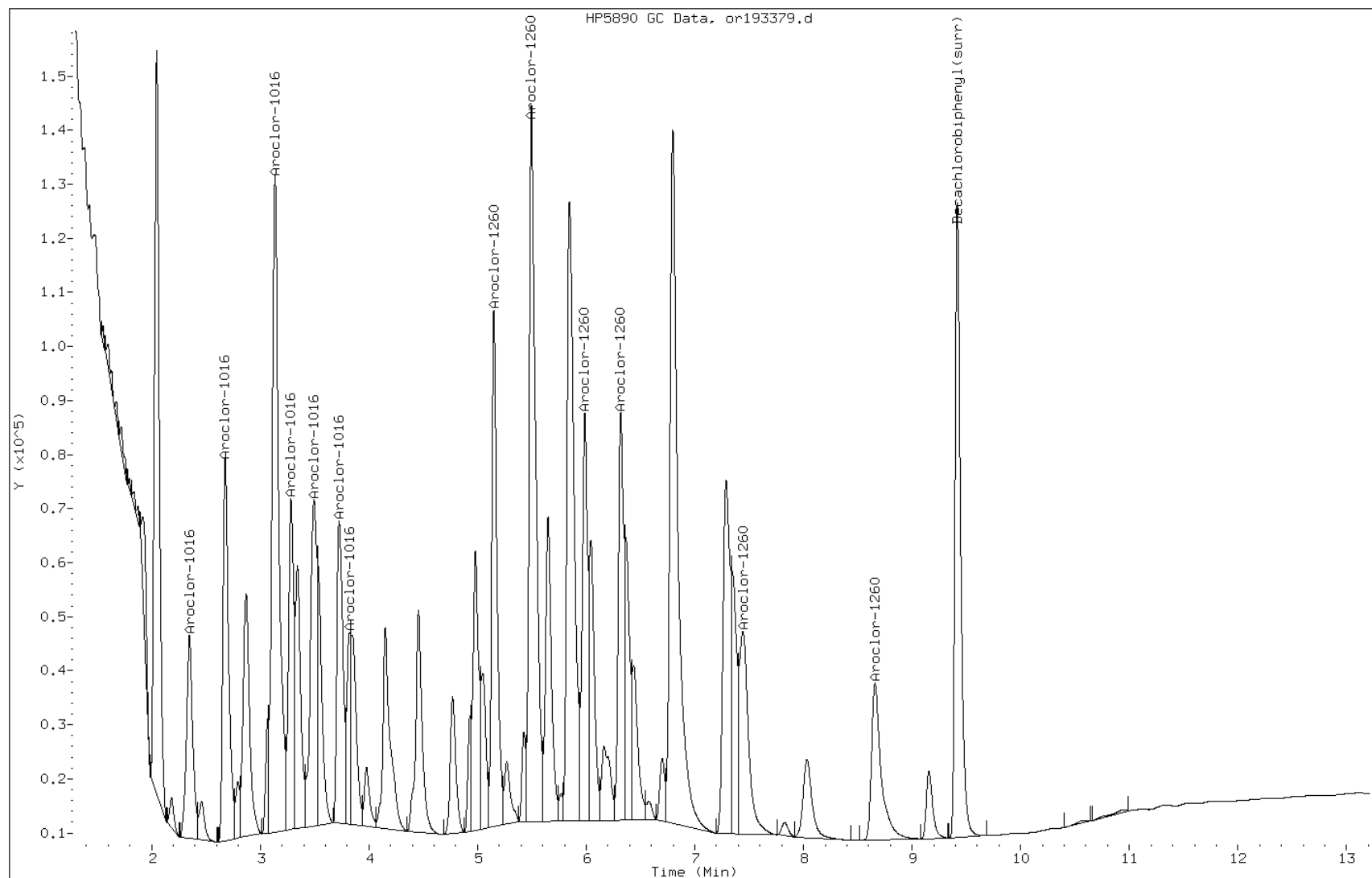
Date: 05-OCT-2012 05:19

Client ID:

Instrument: PESTGC7.i

Sample Info: LCSD 460-130463/3-A

Operator:

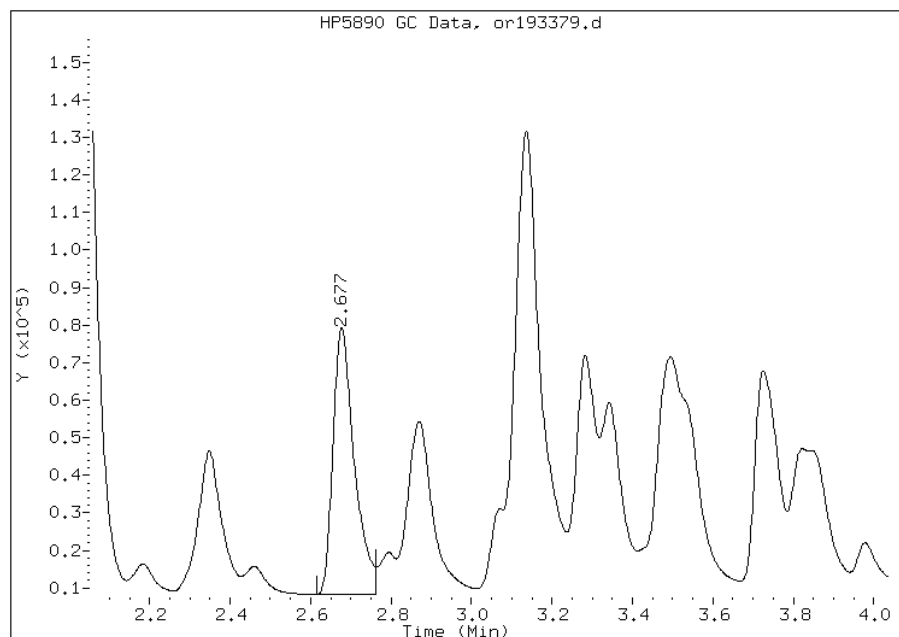


Manual Integration Report

Data File: or193379.d
Inj. Date and Time: 05-OCT-2012 05:19
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2012

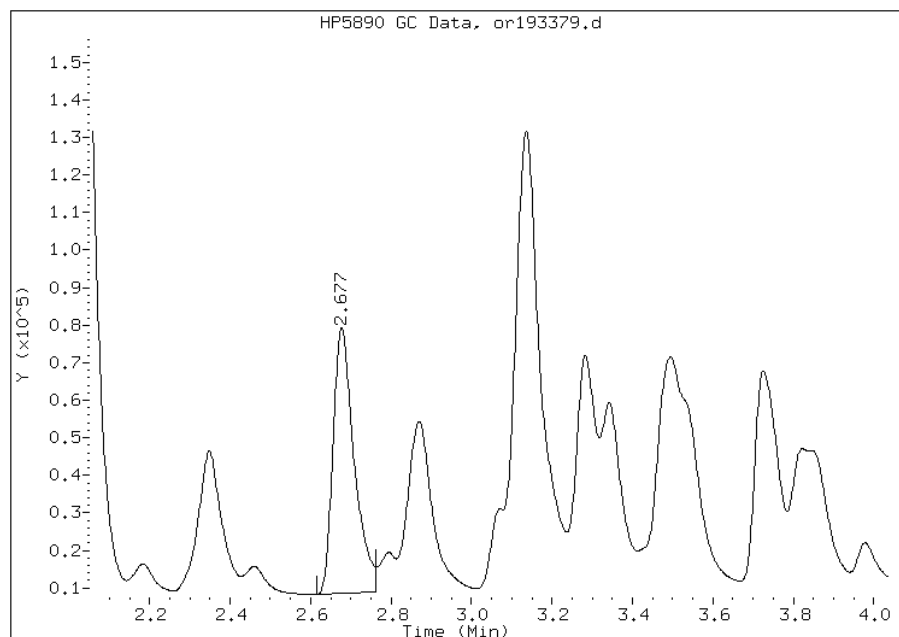
Processing Integration Results

RT: 2.68
Response: 262101
Amount: 1299.17
Conc: 6.50



Manual Integration Results

RT: 2.68
Response: 259066
Amount: 1222.93
Conc: 6.10



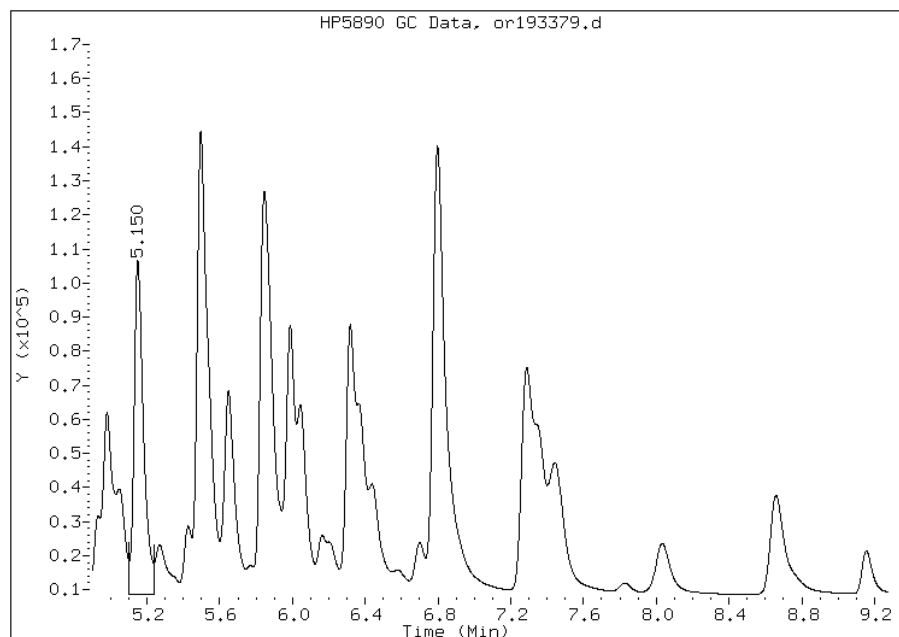
Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or193379.d
Inj. Date and Time: 05-OCT-2012 05:19
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/05/2012

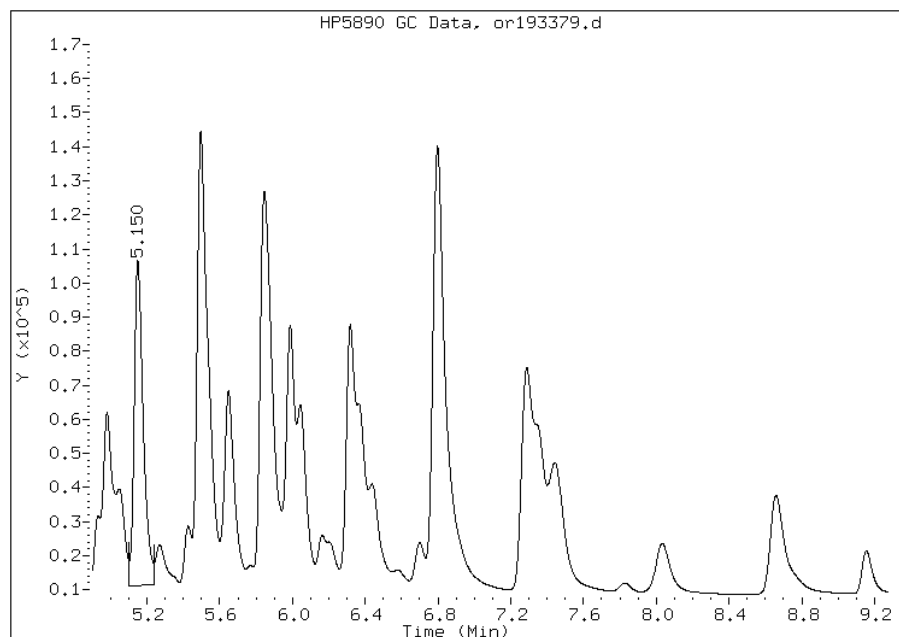
Processing Integration Results

RT: 5.15
Response: 345652
Amount: 1299.95
Conc: 6.50



Manual Integration Results

RT: 5.15
Response: 325797
Amount: 1215.92
Conc: 6.10



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-45322-1

SDG No.: _____

Instrument ID: PESTGC7Start Date: 09/30/2012 14:52Analysis Batch Number: 129917End Date: 09/30/2012 19:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-129917/1		09/30/2012 14:52	1		CLP-2 0.53 (mm)
RINSE 460-129917/1		09/30/2012 14:52	1		CLP-1 0.53 (mm)
ZZZZZ		09/30/2012 15:08	1		CLP-2 0.53 (mm)
ZZZZZ		09/30/2012 15:08	1		CLP-1 0.53 (mm)
ZZZZZ		09/30/2012 15:25	1		CLP-2 0.53 (mm)
ZZZZZ		09/30/2012 15:25	1		CLP-1 0.53 (mm)
ZZZZZ		09/30/2012 15:41	1		CLP-2 0.53 (mm)
ZZZZZ		09/30/2012 15:41	1		CLP-1 0.53 (mm)
ZZZZZ		09/30/2012 15:57	1		CLP-2 0.53 (mm)
ZZZZZ		09/30/2012 15:57	1		CLP-1 0.53 (mm)
SG1660LV		09/30/2012 16:14	1	of193135.d	CLP-2 0.53 (mm)
SG1660LV		09/30/2012 16:14	1	or193135.d	CLP-1 0.53 (mm)
IC 460-129917/7		09/30/2012 16:30	1	of193136.d	CLP-2 0.53 (mm)
IC 460-129917/7		09/30/2012 16:30	1	or193136.d	CLP-1 0.53 (mm)
IC 460-129917/8		09/30/2012 16:47	1	of193137.d	CLP-2 0.53 (mm)
IC 460-129917/8		09/30/2012 16:47	1	or193137.d	CLP-1 0.53 (mm)
IC 460-129917/9		09/30/2012 17:03	1	of193138.d	CLP-2 0.53 (mm)
IC 460-129917/9		09/30/2012 17:03	1	or193138.d	CLP-1 0.53 (mm)
IC 460-129917/10		09/30/2012 17:20	1	of193139.d	CLP-2 0.53 (mm)
IC 460-129917/10		09/30/2012 17:20	1	or193139.d	CLP-1 0.53 (mm)
IC 460-129917/11		09/30/2012 17:37	1	of193140.d	CLP-2 0.53 (mm)
IC 460-129917/11		09/30/2012 17:37	1	or193140.d	CLP-1 0.53 (mm)
IC 460-129917/12		09/30/2012 17:57	1	of193141.d	CLP-2 0.53 (mm)
IC 460-129917/12		09/30/2012 17:57	1	or193141.d	CLP-1 0.53 (mm)
IC 460-129917/13		09/30/2012 18:14	1	of193142.d	CLP-2 0.53 (mm)
IC 460-129917/13		09/30/2012 18:14	1	or193142.d	CLP-1 0.53 (mm)
IC 460-129917/14		09/30/2012 18:30	1	of193143.d	CLP-2 0.53 (mm)
IC 460-129917/14		09/30/2012 18:30	1	or193143.d	CLP-1 0.53 (mm)
IC 460-129917/15		09/30/2012 18:47	1	of193144.d	CLP-2 0.53 (mm)
IC 460-129917/15		09/30/2012 18:47	1	or193144.d	CLP-1 0.53 (mm)
IC 460-129917/16		09/30/2012 19:03	1	of193145.d	CLP-2 0.53 (mm)
IC 460-129917/16		09/30/2012 19:03	1	or193145.d	CLP-1 0.53 (mm)
IC 460-129917/17		09/30/2012 19:19	1		CLP-2 0.53 (mm)
IC 460-129917/17		09/30/2012 19:19	1		CLP-1 0.53 (mm)
IC 460-129917/18		09/30/2012 19:35	1		CLP-2 0.53 (mm)
IC 460-129917/18		09/30/2012 19:35	1		CLP-1 0.53 (mm)
ZZZZZ		09/30/2012 19:52	1		CLP-2 0.53 (mm)
ZZZZZ		09/30/2012 19:52	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-45322-1

SDG No.: _____

Instrument ID: PESTGC7Start Date: 10/05/2012 02:20Analysis Batch Number: 130682End Date: 10/05/2012 08:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-130682/1		10/05/2012 02:20	1		CLP-2 0.53 (mm)
RINSE 460-130682/1		10/05/2012 02:20	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 02:36	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 02:36	1		CLP-1 0.53 (mm)
CCVRT 460-130682/3		10/05/2012 02:53	1	of193370.d	CLP-2 0.53 (mm)
CCVRT 460-130682/3		10/05/2012 02:53	1	or193370.d	CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 03:09	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 03:09	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 03:25	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 03:25	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 03:41	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 03:41	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 03:58	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 03:58	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 04:14	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 04:14	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 04:31	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 04:31	1		CLP-1 0.53 (mm)
MB 460-130463/1-A		10/05/2012 04:47	1	of193377.d	CLP-2 0.53 (mm)
MB 460-130463/1-A		10/05/2012 04:47	1	or193377.d	CLP-1 0.53 (mm)
LCS 460-130463/2-A		10/05/2012 05:03	1	of193378.d	CLP-2 0.53 (mm)
LCS 460-130463/2-A		10/05/2012 05:03	1	or193378.d	CLP-1 0.53 (mm)
LCSD 460-130463/3-A		10/05/2012 05:19	1	of193379.d	CLP-2 0.53 (mm)
LCSD 460-130463/3-A		10/05/2012 05:19	1	or193379.d	CLP-1 0.53 (mm)
460-45322-1	WG-17338-100112-MW32-MM-248	10/05/2012 05:36	1	of193380.d	CLP-2 0.53 (mm)
460-45322-1	WG-17338-100112-MW32-MM-248	10/05/2012 05:36	1	or193380.d	CLP-1 0.53 (mm)
460-45322-2	WG-17338-100112-MW110-MM-249	10/05/2012 05:52	1	of193381.d	CLP-2 0.53 (mm)
460-45322-2	WG-17338-100112-MW110-MM-249	10/05/2012 05:52	1	or193381.d	CLP-1 0.53 (mm)
460-45322-3	WG-17338-100212-MW100-MM-250	10/05/2012 06:08	1	of193382.d	CLP-2 0.53 (mm)
460-45322-3	WG-17338-100212-MW100-MM-250	10/05/2012 06:08	1	or193382.d	CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 06:25	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 06:25	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 06:41	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 06:41	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 06:57	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 06:57	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 07:13	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 07:13	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 07:30	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 07:30	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 07:46	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 07:46	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45322-1

SDG No.: _____

Instrument ID: PESTGC7 Start Date: 10/05/2012 02:20Analysis Batch Number: 130682 End Date: 10/05/2012 08:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/05/2012 08:02	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 08:02	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2012 08:18	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2012 08:18	1		CLP-1 0.53 (mm)
CCV 460-130682/24		10/05/2012 08:34	1	of193391.d	CLP-2 0.53 (mm)
CCV 460-130682/24		10/05/2012 08:34	1	or193391.d	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.1

Analytical Batch: /chem1/PESTGC7.1/8082/rear/Sep12/09-30-12ical/30sep12a.b

Date Generated: 10/01/2012

Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/30/12 1452	or193130		rinse	30sep12a		1000	5	1	SAMPLE		
09/30/12 1508	or193131	1	SGPIBLK_00013	30sep12a		1000	5	1	SAMPLE		
09/30/12 1525	or193132	2	sgpiblk_00013	30sep12a		1000	5	1	SAMPLE		
09/30/12 1541	or193133	3	SG1660LV1_00001	30sep12a		1000	5	1	SAMPLE		
09/30/12 1557	or193134	4	sg1660LV1_00001	30sep12a		1000	5	1	SAMPLE		
09/30/12 1614	or193135	5	ic-SG1660L1_00013			0	0	1	CALIB_1		
09/30/12 1630	or193136	6	ic-SG1660L1_00013			0	0	1	CALIB_1		
09/30/12 1647	or193137	7	SG1660L2_00019			0	0	1	CALIB_2		
09/30/12 1703	or193138	8	ic-SG1660L3_00013			0	0	1	CALIB_3		
09/30/12 1720	or193139	9	ic-SG1660L4_00014			0	0	1	CALIB_4		
09/30/12 1737	or193140	10	ic-SG1660L5_00013			0	0	1	CALIB_5		
09/30/12 1757	or193141	11	SG1221L3_00014			0	0	1	CALIB_3		
09/30/12 1814	or193142	12	SG1232L3_00013			0	0	1	CALIB_3		
09/30/12 1830	or193143	13	SG1242L3_00013			0	0	1	CALIB_3		

10/10/12

Suba haw 10/01/12

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.1
Analytical Batch: /chem1/PESTGC7.1/8082/rear/Sep12/09-30-12ical/30sep12a.b

Date Generated: 10/01/2012
Page 2

129917

Date	Data File	ALS	Sample ID	LFB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/30/12 1847	or193144		SG1248L3_00013			0	0	1	CALIB_3		
09/30/12 1903	or193145	15	SG1254L3_00013			0	0	1	CALIB_3		
09/30/12 1919	or193146	16	SG1262L3_00012			0	0	1	CALIB_3		
09/30/12 1935	or193147	17	SG1268L3_00013			0	0	1	CALIB_3		
09/30/12 1952	or193148	18	SGPCBICV_00010			1000	5	1	BS		

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Signed: S. J. W. Read and Understood by: aff
Date: 10/01/12 Date: 10/01/12

10/10/2012

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.1
Analytical Batch: /chem1/PESTGC7.1/8082/rear/Oct12/10-05-12/05oct12a.b

Date Generated: 10/05/2012
Page 1

TALS Batch - 130682.

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/05/12 0220	or193368		rinse	05oct12a		1000	5	1	SAMPLE	NA	G
10/05/12 0236	or193369		sgpiblk_00013	05oct12a		1000	5	1	SAMPLE		G
10/05/12 0253	or193370		ccvrt-sg156013_0001			1000	5	1	SAMPLE		G
10/05/12 0309	or193371		MB 460-130620/1-A	05oct12a		1000	5	1	SAMPLE		G
10/05/12 0325	or193372		LCS 460-130620/2-A	05oct12a		1000	5	1	SAMPLE		G
10/05/12 0341	or193373		LCS 460-130620/3-A	05oct12a		1000	5	1	SAMPLE		G
10/05/12 0358	or193374		450-7048-A-1-A	460-130620	10/04/12	1.04	10	1	SAMPLE		G ND
10/05/12 0414	or193375		450-7048-A-2-A	460-130620	10/04/12	1.03	10	1	SAMPLE		G ND
10/05/12 0431	or193376		450-7048-A-3-A	460-130620	10/04/12	1.05	10	1	SAMPLE		G ND
10/05/12 0447	or193377		MB 460-130463/1-A	05oct12a		1000	5	1	SAMPLE		G
10/05/12 0503	or193378		LCS 460-130463/2-A	05oct12a		1000	5	1	SAMPLE		G
10/05/12 0519	or193379		LCS 460-130463/3-A	05oct12a		1000	5	1	SAMPLE		G
10/05/12 0536	or193380		460-45322-D-1-A	460-130463	10/04/12	880	5	1	SAMPLE		G ND
10/05/12 0552	or193381		460-45322-D-2-A	460-130463	10/04/12	900	5	1	SAMPLE		G ND

28 10/12

10/50

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Oct12/10-05-12/05oct12a.b

Date Generated: 10/05/2012

Page 2

TALS Batch 130682

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV	FV	DIL	SampleType	LOT	COMMENTS
10/05/12 0608	or193382		460-45322-D-3-A	460-130463	10/04/12 750	5		1	SAMPLE	NA	GF
10/05/12 0625	or193383		450-7016-J-1-A	460-130463	10/04/12 990	5		1	SAMPLE		GF
10/05/12 0641	or193384		450-7016-J-2-A	460-130463	10/04/12 990	5		1	SAMPLE		GF
10/05/12 0657	or193385		460-45314-J-4-A	460-130463	10/04/12 880	5		1	SAMPLE		GF
10/05/12 0713	or193386		460-45320-I-23-A	460-130463	10/04/12 990	5		1	SAMPLE		GF
10/05/12 0730	or193387		460-45323-D-25-A	460-130463	10/04/12 990	5		1	SAMPLE		GF 1242.
10/05/12 0746	or193388		460-45325-G-1-A	460-130463	10/04/12 920	5		1	SAMPLE		GF
10/05/12 0802	or193389		460-45361-E-1-A	460-130463	10/04/12 990	5		1	SAMPLE		GF
10/05/12 0818	or193390		SGFIBLK_00013	05oct12a	1000	5		1	SAMPLE		GF
10/05/12 0834	or193391		ccv-SG166013_00019	05oct12a	1000	5		1	SAMPLE		GF

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Signed: SP

Read and Understood by: S

10/5/12

Date: 10/5/12

10/10/2012

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45322-1

SDG No.: _____

Batch Number: 130463 Batch Start Date: 10/04/12 08:20 Batch Analyst: Wu, HuachiBatch Method: 3510C Batch End Date: 10/04/12 16:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCBSP 00024	OPPSTPCBSU 00021	AnalysisComment
MB 460-130463/1		3510C, 8082		7	1000 mL	5 mL		50 uL	Acid Cleaning up
LCS 460-130463/2		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	Acid Cleaning up
LCSD 460-130463/3		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	Acid Cleaning up
460-45322-D-1	WG-17338-100112-MMW32-MM-248	3510C, 8082	T	7	880 mL	5 mL		50 uL	Acid Cleaning up
460-45322-D-2	WG-17338-100112-MMW110-MM-249	3510C, 8082	T	7	900 mL	5 mL		50 uL	Acid Cleaning up
460-45322-D-3	WG-17338-100212-MMW100-MM-250	3510C, 8082	T	8	750 mL	5 mL		50 uL	Acid Cleaning up

Batch Notes	
Batch Comment	8082_Acid Cleaning_up
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 Celsius
Na2SO4 Lot Number	135309
Prep Solvent Lot #	8105
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	Maria

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents



CONESTOGA-ROVERS
& ASSOCIATES

CHAIN OF CUSTODY RECORD

COC NO: 29446

Address: 410 ENCLERVEN BLVD

PAGE 1 OF 12

Phone: 610-321-1806

Fax:

460-45322

(See Reverse Side for Instructions)

Project No/Phase/Task Code:

017338

Laboratory Name:

TEST ANALYST

Lab Location:

601502

SSOW ID:

10/10/2012

Project Name:

PERMIA GYM

Lab Contact:

JAMIE CARACI

Lab Quote No:

Cooler No:

Project Location:

WILMINGTON DE

SAMPLE TYPE

CONTAINER QUANTITY & PRESERVATION

ANALYSIS REQUESTED (See Back of COC for Definitions)

Carrier:

Chemistry Contact:

Sampler(s):

M. MYLET

Matrix Code (see back of COC)

Grab (G) or Comp (C)

Unpreserved

Hydrochloric Acid (HCl)

Nitric Acid (HNO₃)

Sulfuric Acid (H₂SO₄)

Sodium Hydroxide (NaOH)

Methanol/Water (Sol VOC)

EnCores 3x5-g, 1x25-g

Other:

Total Containers/Sample

VOC

PCB

SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)

DATE (m/d/y)

TIME (h:mm)

Matrix Code (see back of COC)

Grab (G) or Comp (C)

Unpreserved

Hydrochloric Acid (HCl)

Nitric Acid (HNO₃)

Sulfuric Acid (H₂SO₄)

Sodium Hydroxide (NaOH)

Methanol/Water (Sol VOC)

EnCores 3x5-g, 1x25-g

Other:

Total Containers/Sample

VOC

PCB

MS/MSD Request

Carrier:

Airbill No:

Date Shipped:

COMMENTS/SPECIAL INSTRUCTIONS:

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-45322-1

Login Number: 45322

List Source: TestAmerica Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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	1.3°C IR#3
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 $<6\text{mm}$ (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.