TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-17876-1

Job Description: McCandless

For:
Delta Consultants
1031 US Hwy 22
Suite 200
Bridgewater, NJ 08807

Attention: Ms. Carla Nascimento

Approved for release.
Jamie Capaci
Project Manager I
10/12/2010 2:44 PM

Jamie Capaci
Project Manager I
jamie.capaci@testamericainc.com
10/12/2010

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CASE NARRATIVE

Client: Delta Consultants

Project: McCandless

Report Number: 460-17876-1

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 09/24/2010; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.8 C. The Nitrate & Nitrite was received out of holding time. The samples were collected on 9/22/10.

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.

DISSOLVED METALS
Sample 460-17876-1 was analyzed for dissolved metals in accordance with EPA Method 200.7. The samples were prepared on 10/01/2010 and analyzed on 10/04/2010.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS
Sample 460-17876-1 was analyzed for total recoverable metals in accordance with EPA Method 200.7. The samples were prepared on 10/01/2010 and analyzed on 10/07/2010.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL KJELDAHL NITROGEN
Sample 460-17876-1 was analyzed for total kjeldahl nitrogen in accordance with EPA Method 351.2. The samples were prepared on 10/08/2010 and analyzed on 10/11/2010.

No difficulties were encountered during the TKN analysis.

All quality control parameters were within the acceptance limits.

ORTHOPHOSPHATE AS P
Sample 460-17876-1 was analyzed for orthophosphate as P in accordance with SM 4500 P E. The samples were analyzed on 09/29/2010.

No difficulties were encountered during the orthophosphate analysis.

All quality control parameters were within the acceptance limits.

ORGANOCHLORINE PESTICIDES-PCBS
Sample 460-17876-1 was analyzed for organochlorine pesticides-PCBs in accordance with EPA Method 608. The samples were prepared on 09/28/2010 and analyzed on 10/01/2010.

Surrogates TCMX & DCB were outside the control limits on the primary column, but within limits on the seconadry column. Results were reported from the secondary column.

Sample 460-17876-1(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the pesticides-pcb analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Sample 460-17876-1 was analyzed for volatile organic compounds (GC-MS) in accordance with EPA Method 624. The samples were analyzed on 09/29/2010.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Sample 460-17876-1 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA Method 625. The samples were prepared on 09/27/2010 and analyzed on 09/28/2010.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 50059 were outside control limits for Benzaldehyde. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 50059 was outside control limits for 4-Nitrophenol.

The laboratory control sample (LCS) for batch 50059 was outside control limits for the following analytes: Caprolactam and Benzaldehyde.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

POLYCYCLIC AROMATIC HYDROCARBONS (PAHS)
Sample 460-17876-1 was analyzed for polycyclic aromatic hydrocarbons (PAHs) in accordance with EPA SW-846 Method 8270C SIM. The samples were prepared on 09/27/2010 and analyzed on 09/30/2010.

No difficulties were encountered during the PAH analysis.

All quality control parameters were within the acceptance limits.

SULFATE
Sample 460-17876-1 was analyzed for sulfate in accordance with ASTM Method D516-90. The samples were analyzed on 10/06/2010.

The matrix spike duplicate (MSD) recovery for 51232 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 51232 was outside control limits. Non-homogeneity of the sample matrix is suspected. The associated laboratory control sample (LCS) met acceptance criteria.

No other difficulties were encountered during the sulfate analysis.

All other quality control parameters were within the acceptance limits.

AMMONIA
Sample 460-17876-1 was analyzed for ammonia in accordance with SM 4500 NH3 H. The samples were prepared and analyzed on 10/08/2010.

No difficulties were encountered during the ammonia analysis.

All quality control parameters were within the acceptance limits.

NITROGEN-NITRATE
Sample 460-17876-1 was analyzed for Nitrogen-Nitrate in accordance with SM 4500 NO3 F. The samples were analyzed on 09/29/2010.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 50398 (sample 17952-1) were outside control limits for nitrite. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other difficulties were encountered during the Niitrate analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Delta Consultants

Job Number: 460-17876-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-17876-1	MW-18	WG	09/22/2010 1340	09/24/2010 1402

EXECUTIVE SUMMARY - Detections

Client: Delta Consultants Job Number: 460-17876-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-17876-1	**MW-18**					
Vinyl chloride		2.6		1.0	ug/L	624
Acetone		45		10	ug/L	624
cis-1,2-Dichloroethene		78		1.0	ug/L	624
Trichloroethene		2.5		1.0	ug/L	624
Benzene		0.15	J	1.0	ug/L	624
Tetrachloroethene		2.4		1.0	ug/L	624
Toluene		1.8		1.0	ug/L	624
Chlorobenzene		2.5		1.0	ug/L	624
Ethylbenzene		6.6		1.0	ug/L	624
Xylenes, Total		14		3.0	ug/L	624
1,2,4-Trichlorobenzene		25		1.0	ug/L	624
1,2,3-Trichlorobenzene		6.9		1.0	ug/L	624
1,2-Dichlorobenzene		2.2		1.0	ug/L	624
Isopropylbenzene		1.8		1.0	ug/L	624
Methylcyclohexane		0.57	J	1.0	ug/L	624
1,4-Dichlorobenzene		0.92	J	1.0	ug/L	624
1,2,4-Trichlorobenzene		18		1.0	ug/L	625
4-Chloroaniline		72		10	ug/L	625
Aroclor 1242		32		5.1	ug/L	608
Nitrogen, Total Kjeldahl		0.97		0.50	mg/L	351.2
Ammonia		0.60		0.10	mg/L	4500 NH3 H
Sulfate		23.2		5.0	mg/L	D516-90, 02
Nitrate as N		0.15	H	0.10	mg/L	SM 4500 NO3 F
Nitrite as N		0.031	J H	0.10	mg/L	SM 4500 NO3 F
Orthophosphate as P		0.013	J H	0.030	mg/L	SM 4500 P E
Dissolved						
Iron		3950		150	ug/L	200.7 Rev 4.4
Total Recoverable						
Iron		5210		150	ug/L	200.7 Rev 4.4

METHOD SUMMARY

Client: Delta Consultants Job Number: 460-17876-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	40CFR136A 624	
Semivolatile Organic Compounds (GC/MS)	TAL EDI	40CFR136A 625	
Liquid-Liquid Extraction	TAL EDI		40CFR136A 625
Semivolatile Organic Compounds (GC/MS SIM)	TAL EDI	SW846 8270C SIM	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Organochlorine Pesticides/PCBs in Water	TAL EDI	40CFR136A 608	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		40CFR136A 608
Metals (ICP)	TAL EDI	EPA 200.7 Rev 4.4	
Sample Filtration	TAL EDI		FILTRATION
Preparation, Total Recoverable Metals	TAL EDI		EPA 200.7
Nitrogen, Total Kjeldahl	TAL CT	MCAWW 351.2	
Nitrogen, Total Kjeldahl	TAL CT		MCAWW 351.2
Ammonia	TAL EDI	SM 4500 NH3 H	
Ammonia, Distillation	TAL EDI		SM SM 4500 NH3 B
Sulfate	TAL EDI	ASTM D516-90, 02	
Nitrogen, Nitrate	TAL EDI	SM SM 4500 NO3 F	
Orthophosphate	TAL EDI	SM SM 4500 P E	

Lab References:

TAL CT = TestAmerica Connecticut

TAL EDI = TestAmerica Edison

Method References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

ASTM = ASTM International

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: Delta Consultants

Job Number: 460-17876-1

Method	Analyst	Analyst ID
40CFR136A 624	Desai, Saurab	SD
40CFR136A 625	Zhao, Chunxin	CZ
SW846 8270C SIM	Zhao, Chunxin	CZ
40CFR136A 608	Kapoor, Sita	SK
EPA 200.7 Rev 4.4	Chang, Churn Der	CDC
EPA 200.7 Rev 4.4	Dave, Virendra	VD
MCAWW 351.2	Natoli, Richard A	RN
SM 4500 NH3 H	Vu, Huan	HV
ASTM D516-90, 02	Cabanganan, Maria	MB
SM SM 4500 NO3 F	Earomirski, Laura	LE
SM SM 4500 P E	Kamenetskaya, Raisa	RK

Client: Delta Consultants

Job Number: 460-17876-1

Client Sample ID: **MW-18**

Lab Sample ID: 460-17876-1
Client Matrix: WG

Date Sampled: 09/22/2010 1340
Date Received: 09/24/2010 1402

624 Volatile Organic Compounds (GC/MS)

Method: 624
Preparation: N/A
Dilution: 1.0
Date Analyzed: 09/29/2010 2314
Date Prepared:

Analysis Batch: 460-50393

Instrument ID: VOAMS3
Lab File ID: c51913.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	2.6		0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	45		2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	78		0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	2.5		0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	0.15	J	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	2.4		0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.8		0.090	1.0
Chlorobenzene	2.5		0.16	1.0
Ethylbenzene	6.6		0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	14		0.43	3.0
Methyl acetate	2.0	U	0.33	2.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Freon TF	1.0	U	0.28	1.0
1,2,4-Trichlorobenzene	25		0.44	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
MTBE	1.0	U	0.18	1.0
p-Dioxane	1000	U	86	1000
1,2,3-Trichlorobenzene	6.9		0.83	1.0
1,2-Dichlorobenzene	2.2		0.16	1.0
Isopropylbenzene	1.8		0.21	1.0
Methylcyclohexane	0.57	J	0.090	1.0

Client: Delta Consultants

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Client Sample ID: **MW-18**

Lab Sample ID: 460-17876-1
Client Matrix: WG

Date Sampled: 09/22/2010 1340
Date Received: 09/24/2010 1402

624 Volatile Organic Compounds (GC/MS)

Method: 624
Preparation: N/A
Dilution: 1.0
Date Analyzed: 09/29/2010 2314
Date Prepared:

Analysis Batch: 460-50393

Instrument ID: VOAMS3
Lab File ID: c51913.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichlorofluoromethane	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.13	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0
1,4-Dichlorobenzene	0.92	J	0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
Toluene-d8 (Surr)	94		69 - 125
Bromofluorobenzene	97		69 - 135

Client: Delta Consultants | Job Number: 460-17876-1

Client Sample ID: **MW-18**

Lab Sample ID: 460-17876-1 | Date Sampled: 09/22/2010 1340
Client Matrix: WG | Date Received: 09/24/2010 1402

624 Volatile Organic Compounds (GC/MS)

Method:	624	Analysis Batch: 460-50393		Instrument ID:	VOAMS3
Preparation:	N/A			Lab File ID:	c51913.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	09/29/2010 2314			Final Weight/Volume:	5 mL
Date Prepared:					

Tentatively Identified Compounds **Number TIC's Found:** **9**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Ethylmethylbenzene isomer	10.17	7.3	J
95-63-6	1,2,4-Trimethylbenzene	10.29	13	
	Unknown Aromatic	10.75	16	J
	Unknown Aromatic-1	10.91	5.8	J
	C10H12 Aromatic	11.14	7.5	J
	Tetramethylbenzene isomer	11.37	9.3	J
	Unknown Aromatic-3	11.72	17	J
91-20-3	Naphthalene	12.33	15	
	Methylnaphthalene isomer	13.84	6.3	J

Client: Delta Consultants | Job Number: 460-17876-1

Client Sample ID: **MW-18**

Lab Sample ID: 460-17876-1 | Date Sampled: 09/22/2010 1340
Client Matrix: WG | Date Received: 09/24/2010 1402

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 460-50402		Instrument ID:	BNAMS6
Preparation:	625	Prep Batch: 460-50059		Lab File ID:	m48329.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	09/28/2010 0642			Final Weight/Volume:	2 mL
Date Prepared:	09/27/2010 0837			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.90	10
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
4-Methylphenol	10	U	1.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
2,4-Dichlorophenol	10	U	2.8	10
4-Chloro-3-methylphenol	10	U	2.0	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2,4-Dinitrophenol	30	U	4.9	30
4-Nitrophenol	30	U	2.3	30
4,6-Dinitro-2-methylphenol	30	U	5.3	30
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
1,3-Dichlorobenzene	10	U	3.8	10
1,4-Dichlorobenzene	10	U	3.6	10
1,2-Dichlorobenzene	10	U	3.8	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
1,2,4-Trichlorobenzene	18		0.53	1.0
Naphthalene	10	U	3.7	10
4-Chloroaniline	72		2.1	10
Hexachlorobutadiene	2.0	U	0.95	2.0
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.8	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.1	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
3-Nitroaniline	20	U	4.4	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.9	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10

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Client Matrix: WG | Date Received: 09/24/2010 1402

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 460-50402		Instrument ID:	BNAMS6
Preparation:	625	Prep Batch: 460-50059		Lab File ID:	m48329.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	09/28/2010 0642			Final Weight/Volume:	2 mL
Date Prepared:	09/27/2010 0837			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
bis (2-chloroisopropyl) ether	10	U	3.2	10
Caprolactam	10	U *	0.51	10
Acetophenone	10	U	4.3	10
Atrazine	10	U	2.5	10
Benzaldehyde	10	U *	1.4	10
1,2,4,5-Tetrachlorobenzene	10	U	2.4	10
Diphenyl	10	U	5.5	10
2,3,4,6-Tetrachlorophenol	10	U	2.1	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	29		10 - 65
Phenol-d5	17		10 - 48
Nitrobenzene-d5	78		56 - 112
2-Fluorobiphenyl	80		53 - 108
2,4,6-Tribromophenol	75		46 - 122
Terphenyl-d14	108		50 - 122

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Lab Sample ID: 460-17876-1 | Date Sampled: 09/22/2010 1340
Client Matrix: WG | Date Received: 09/24/2010 1402

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 460-50402		Instrument ID:	BNAMS6
Preparation:	625	Prep Batch: 460-50059		Lab File ID:	m48329.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	09/28/2010 0642			Final Weight/Volume:	2 mL
Date Prepared:	09/27/2010 0837			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Chloroaniline isomer	4.00	140	J
	C10H12 Aromatic	4.14	10	J
	Unknown-2	5.07	9.6	J
	Unknown-3	5.18	14	J
	Unknown-4	5.37	11	J
	Unknown-5	5.43	13	J
	Unknown-6	5.84	20	J
	Unknown-7	6.19	14	J
	Unknown-8	6.27	13	J
	Unknown-9	6.62	8.6	J
	Unknown Alkane	7.16	9.2	J
	Unknown-10	7.31	10	J
	Unknown-11	7.52	11	J
	Trichloro-1,1-biphenyl isomer	7.71	13	J
	Unknown-12	8.75	9.0	J

Client: Delta Consultants

Job Number: 460-17876-1

Client Sample ID: **MW-18**

Lab Sample ID: 460-17876-1
Client Matrix: WG

Date Sampled: 09/22/2010 1340
Date Received: 09/24/2010 1402

8270C SIM Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C SIM	Analysis Batch: 460-50583		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-50059		Lab File ID:	h90572.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	09/30/2010 1638			Final Weight/Volume:	2 mL
Date Prepared:	09/27/2010 0837			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.030	0.051
Benzo[b]fluoranthene	0.051	U	0.040	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Delta Consultants

Job Number: 460-17876-1

Client Sample ID: **MW-18**

Lab Sample ID: 460-17876-1
Client Matrix: WG

Date Sampled: 09/22/2010 1340
Date Received: 09/24/2010 1402

608 Organochlorine Pesticides/PCBs in Water

Method:	608	Analysis Batch: 460-50656		Instrument ID:	PESTGC6
Preparation:	608	Prep Batch: 460-50182		Initial Weight/Volume:	990 mL
Dilution:	5.0			Final Weight/Volume:	5 mL
Date Analyzed:	10/01/2010 0835			Injection Volume:	
Date Prepared:	09/28/2010 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	5.1	U	0.76	5.1
Aroclor 1221	5.1	U	0.61	5.1
Aroclor 1232	5.1	U	0.61	5.1
Aroclor 1242	32		0.81	5.1
Aroclor 1248	5.1	U	1.1	5.1
Aroclor 1254	5.1	U	0.66	5.1
Aroclor 1260	5.1	U	0.61	5.1
Aroclor 1262	5.1	U	0.56	5.1
Aroclor 1268	5.1	U	0.56	5.1

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	138	p	38 - 138
DCB Decachlorobiphenyl	177	X	17 - 152

Client: Delta Consultants

Job Number: 460-17876-1

Client Sample ID: **MW-18**

Lab Sample ID: 460-17876-1
Client Matrix: WG

Date Sampled: 09/22/2010 1340
Date Received: 09/24/2010 1402

608 Organochlorine Pesticides/PCBs in Water

Method:	608	Analysis Batch: 460-50656		Instrument ID:	PESTGC6
Preparation:	608	Prep Batch: 460-50182		Initial Weight/Volume:	990 mL
Dilution:	5.0			Final Weight/Volume:	5 mL
Date Analyzed:	10/01/2010 0835			Injection Volume:	
Date Prepared:	09/28/2010 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	350	X	38 - 138
DCB Decachlorobiphenyl	144		17 - 152

Client: Delta Consultants

Job Number: 460-17876-1

Client Sample ID: **MW-18**

Lab Sample ID: 460-17876-1
Client Matrix: WG

Date Sampled: 09/22/2010 1340
Date Received: 09/24/2010 1402

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 460-51442		Instrument ID:	ICP4
Preparation:	200.7	Prep Batch: 460-50758		Lab File ID:	10082010.txt
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	10/07/2010 2052			Final Weight/Volume:	100 mL
Date Prepared:	10/01/2010 1725				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	5210		47.1	150

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 460-50967		Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 460-50757		Lab File ID:	50757V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	10/04/2010 2252			Final Weight/Volume:	100 mL
Date Prepared:	10/01/2010 1700				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	3950		47.1	150

General Chemistry

Client Sample ID: **MW-18**

Lab Sample ID: 460-17876-1 Date Sampled: 09/22/2010 1340
Client Matrix: WG Date Received: 09/24/2010 1402

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Nitrogen, Total Kjeldahl	0.97		mg/L	0.032	0.50	1.0	351.2
Analysis Batch: 220-43647	Date Analyzed: 10/11/2010 1121						
Prep Batch: 220-43613	Date Prepared: 10/08/2010 1430						
Ammonia	0.60		mg/L	0.034	0.10	1.0	4500 NH3 H
Analysis Batch: 460-51554	Date Analyzed: 10/08/2010 1716						
Prep Batch: 460-51519	Date Prepared: 10/08/2010 1424						
Sulfate	23.2		mg/L	0.32	5.0	1.0	D516-90, 02
Analysis Batch: 460-51232	Date Analyzed: 10/06/2010 1522						
Nitrate as N	0.15	H	mg/L	0.039	0.10	1.0	SM 4500 NO3
Analysis Batch: 460-50398	Date Analyzed: 09/29/2010 1128						
Nitrite as N	0.031	J H	mg/L	0.013	0.10	1.0	SM 4500 NO3
Analysis Batch: 460-50398	Date Analyzed: 09/29/2010 1128						
Orthophosphate as P	0.013	J H	mg/L	0.0058	0.030	1.0	SM 4500 P E
Analysis Batch: 460-50432	Date Analyzed: 09/29/2010 0949						

Client: Delta Consultants

Job Number: 460-17876-1

Surrogate Recovery Report

624 Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-17876-1	MW-18	104	94	97
MB 460-50393/27		103	95	99
LCS 460-50393/26		99	94	99
460-17876-1 MS	MW-18 MS	100	95	100
460-17876-1 MSD	MW-18 MSD	101	95	97

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Client: Delta Consultants

Job Number: 460-17876-1

Surrogate Recovery Report

625 Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-17876-1	MW-18	29	17	78	80	75	108
MB 460-50059/1-A		25	18	84	69	74	110
LCS 460-50059/2-A		28	21	84	87	85	99
460-17860-G-5-A MS		30	24	84	80	77	93
460-17860-G-5-B MSD		32	24	93	82	86	105

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Client: Delta Consultants

Job Number: 460-17876-1

Surrogate Recovery Report

608 Organochlorine Pesticides/PCBs in Water

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-17876-1	MW-18	138p	350X	144	177X
MB 460-50182/1-A		87	92	91	110
LCS 460-50182/2-A		91	97	93	114
LCSD 460-50182/3-A		91	95	94	113

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	38-138
DCB = DCB Decachlorobiphenyl	17-152

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 460-50393

Method: 624
Preparation: N/A

Lab Sample ID: MB 460-50393/27
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/29/2010 2250
Date Prepared: N/A

Analysis Batch: 460-50393
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS3
Lab File ID: c51912.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0
Methyl acetate	2.0	U	0.33	2.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Freon TF	1.0	U	0.28	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
MTBE	1.0	U	0.18	1.0
p-Dioxane	1000	U	86	1000
1,2,3-Trichlorobenzene	1.0	U	0.83	1.0

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 460-50393

Method: 624
Preparation: N/A

Lab Sample ID: MB 460-50393/27
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/29/2010 2250
Date Prepared: N/A

Analysis Batch: 460-50393
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS3
Lab File ID: c51912.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Isopropylbenzene	1.0	U	0.21	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.13	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 122
Toluene-d8 (Surr)	95	69 - 125
Bromofluorobenzene	99	69 - 135

Method Blank TICs- Batch: 460-50393

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

Client: Delta Consultants

Job Number: 460-17876-1

Lab Control Sample - Batch: 460-50393

Method: 624
Preparation: N/A

Lab Sample ID: LCS 460-50393/26
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/29/2010 2138
Date Prepared: N/A

Analysis Batch: 460-50393
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS3
Lab File ID: c51909.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	16.5	83	0 - 273	
Bromomethane	20.0	23.7	119	0 - 242	
Vinyl chloride	20.0	19.1	96	0 - 251	
Chloroethane	20.0	19.4	97	14 - 230	
Methylene Chloride	20.0	20.9	104	0 - 221	
Acetone	20.0	18.6	93	45 - 156	
Carbon disulfide	20.0	19.7	99	58 - 139	
1,1-Dichloroethene	20.0	21.9	109	0 - 234	
1,1-Dichloroethane	20.0	20.6	103	59 - 155	
trans-1,2-Dichloroethene	20.0	22.2	111	54 - 156	
cis-1,2-Dichloroethene	20.0	20.4	102	80 - 120	
Chloroform	20.0	20.6	103	51 - 138	
1,2-Dichloroethane	20.0	20.6	103	49 - 155	
2-Butanone	20.0	17.6	88	65 - 114	
1,1,1-Trichloroethane	20.0	21.2	106	52 - 162	
Carbon tetrachloride	20.0	22.1	110	70 - 140	
Bromodichloromethane	20.0	19.6	98	35 - 155	
1,2-Dichloropropane	20.0	17.6	88	0 - 210	
cis-1,3-Dichloropropene	20.0	18.3	92	0 - 227	
Trichloroethene	20.0	21.3	107	71 - 157	
Dibromochloromethane	20.0	19.7	98	53 - 149	
1,1,2-Trichloroethane	20.0	18.8	94	52 - 150	
Benzene	20.0	18.3	92	37 - 151	
trans-1,3-Dichloropropene	20.0	17.6	88	17 - 183	
Bromoform	20.0	18.3	91	45 - 169	
4-Methyl-2-pentanone	20.0	15.0	75	53 - 120	
2-Hexanone	20.0	14.7	73	53 - 121	
Tetrachloroethene	20.0	21.1	106	64 - 148	
1,1,2,2-Tetrachloroethane	20.0	16.8	84	46 - 157	
Toluene	20.0	18.7	94	47 - 150	
Chlorobenzene	20.0	20.0	100	37 - 160	
Ethylbenzene	20.0	19.3	97	37 - 162	
Styrene	20.0	19.7	98	69 - 112	
Xylenes, Total	60.0	58.8	98	76 - 121	
Methyl acetate	20.0	15.3	77	50 - 151	
Dichlorodifluoromethane	20.0	21.8	109	46 - 145	
Freon TF	20.0	23.2	116	47 - 139	
1,2,4-Trichlorobenzene	20.0	17.5	87	66 - 120	
1,2-Dibromo-3-Chloropropane	20.0	18.3	92	70 - 116	
1,3-Dichlorobenzene	20.0	19.8	99	59 - 156	
MTBE	20.0	18.6	93	71 - 115	
p-Dioxane	3000	2620	87	52 - 126	
1,2,3-Trichlorobenzene	20.0	18.0	90	76 - 123	
1,2-Dichlorobenzene	20.0	19.1	95	18 - 190	

Client: Delta Consultants

Job Number: 460-17876-1

Lab Control Sample - Batch: 460-50393

Method: 624
Preparation: N/A

Lab Sample ID: LCS 460-50393/26
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/29/2010 2138
Date Prepared: N/A

Analysis Batch: 460-50393
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS3
Lab File ID: c51909.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isopropylbenzene	20.0	20.0	100	80 - 125	
Methylcyclohexane	20.0	20.0	100	61 - 129	
Trichlorofluoromethane	20.0	22.6	113	17 - 181	
Cyclohexane	20.0	18.0	90	58 - 133	
1,2-Dibromoethane	20.0	19.1	96	78 - 118	
1,4-Dichlorobenzene	20.0	19.5	97	18 - 190	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 122
Toluene-d8 (Surr)	94	69 - 125
Bromofluorobenzene	99	69 - 135

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50393

Method: 624
Preparation: N/A

MS Lab Sample ID: 460-17876-1
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 09/29/2010 2337
Date Prepared: N/A

Analysis Batch: 460-50393
Prep Batch: N/A

Instrument ID: VOAMS3
Lab File ID: c51914.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-17876-1
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 09/30/2010 0001
Date Prepared: N/A

Analysis Batch: 460-50393
Prep Batch: N/A

Instrument ID: VOAMS3
Lab File ID: c51915.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	88	81	0 - 273	8	30		
Bromomethane	121	110	0 - 242	10	30		
Vinyl chloride	109	99	0 - 251	9	30		
Chloroethane	118	97	14 - 230	20	30		
Methylene Chloride	109	103	0 - 221	5	30		
Acetone	109	111	45 - 156	1	30		
Carbon disulfide	104	98	58 - 139	6	30		
1,1-Dichloroethene	117	108	0 - 234	7	30		
1,1-Dichloroethane	105	98	59 - 155	7	30		
trans-1,2-Dichloroethene	114	110	54 - 156	3	30		
cis-1,2-Dichloroethene	102	91	80 - 120	6	30		
Chloroform	103	100	51 - 138	3	30		
1,2-Dichloroethane	107	102	49 - 155	6	30		
2-Butanone	107	105	65 - 114	2	30		
1,1,1-Trichloroethane	109	99	52 - 162	9	30		
Carbon tetrachloride	113	111	70 - 140	2	30		
Bromodichloromethane	99	97	35 - 155	1	30		
1,2-Dichloropropane	88	86	0 - 210	3	30		
cis-1,3-Dichloropropene	91	87	0 - 227	5	30		
Trichloroethene	98	92	71 - 157	7	30		
Dibromochloromethane	100	98	53 - 149	3	30		
1,1,2-Trichloroethane	95	92	52 - 150	3	30		
Benzene	94	89	37 - 151	6	30		
trans-1,3-Dichloropropene	88	86	17 - 183	2	30		
Bromoform	93	95	45 - 169	3	30		
4-Methyl-2-pentanone	81	81	53 - 120	0.007	30		
2-Hexanone	86	78	53 - 121	10	30		
Tetrachloroethene	111	98	64 - 148	12	30		
1,1,2,2-Tetrachloroethane	97	91	46 - 157	7	30		
Toluene	97	92	47 - 150	5	30		
Chlorobenzene	102	97	37 - 160	5	30		
Ethylbenzene	98	95	37 - 162	4	30		

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50393

Method: 624
Preparation: N/A

MS Lab Sample ID:	460-17876-1	Analysis Batch:	460-50393	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c51914.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	09/29/2010 2337			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

MSD Lab Sample ID:	460-17876-1	Analysis Batch:	460-50393	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c51915.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	09/30/2010 0001			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	100	95	69 - 112	5	30		
Xylenes, Total	100	95	76 - 121	6	30		
Methyl acetate	81	71	50 - 151	13	30		
Dichlorodifluoromethane	116	100	46 - 145	15	30		
Freon TF	123	110	47 - 139	11	30		
1,2,4-Trichlorobenzene	94	86	66 - 120	6	30		
1,2-Dibromo-3-Chloropropane	89	81	70 - 116	9	30		
1,3-Dichlorobenzene	101	97	59 - 156	4	30		
MTBE	98	95	71 - 115	3	30		
p-Dioxane	94	102	52 - 126	9	30		
1,2,3-Trichlorobenzene	98	87	76 - 123	11	30		
1,2-Dichlorobenzene	97	93	18 - 190	4	30		
Isopropylbenzene	102	97	80 - 125	5	30		
Methylcyclohexane	105	92	61 - 129	13	30		
Trichlorofluoromethane	120	111	17 - 181	8	30		
Cyclohexane	94	89	58 - 133	6	30		
1,2-Dibromoethane	98	93	78 - 118	5	30		
1,4-Dichlorobenzene	99	93	18 - 190	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	101	70 - 122
Toluene-d8 (Surr)	95	95	69 - 125
Bromofluorobenzene	100	97	69 - 135

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50393

Method: 624
Preparation: N/A

MS Lab Sample ID:	460-17876-1	Units: ug/L	MSD Lab Sample ID: 460-17876-1
Client Matrix:	Water		Client Matrix: Water
Dilution:	5.0		Dilution: 5.0
Date Analyzed:	09/29/2010 2337		Date Analyzed: 09/30/2010 0001
Date Prepared:	N/A		Date Prepared: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	1.0	U	100	100	87.6	81.1
Bromomethane	1.0	U	100	100	121	110
Vinyl chloride	2.6		100	100	112	102
Chloroethane	1.0	U	100	100	118	96.6
Methylene Chloride	1.0	U	100	100	109	103
Acetone	45		100	100	154	156
Carbon disulfide	1.0	U	100	100	104	98.2
1,1-Dichloroethene	1.0	U	100	100	117	108
1,1-Dichloroethane	1.0	U	100	100	105	97.8
trans-1,2-Dichloroethene	1.0	U	100	100	114	110
cis-1,2-Dichloroethene	78		100	100	180	169
Chloroform	1.0	U	100	100	103	100
1,2-Dichloroethane	1.0	U	100	100	107	102
2-Butanone	10	U	100	100	107	105
1,1,1-Trichloroethane	1.0	U	100	100	109	99.3
Carbon tetrachloride	1.0	U	100	100	113	111
Bromodichloromethane	1.0	U	100	100	98.7	97.3
1,2-Dichloropropane	1.0	U	100	100	88.3	85.8
cis-1,3-Dichloropropene	1.0	U	100	100	91.2	86.7
Trichloroethene	2.5		100	100	101	94.3
Dibromochloromethane	1.0	U	100	100	100	97.7
1,1,2-Trichloroethane	1.0	U	100	100	94.6	92.2
Benzene	0.15	J	100	100	94.0	88.9
trans-1,3-Dichloropropene	1.0	U	100	100	87.9	86.4
Bromoform	1.0	U	100	100	92.8	95.3
4-Methyl-2-pentanone	10	U	100	100	81.5	81.5
2-Hexanone	10	U	100	100	86.3	78.3
Tetrachloroethene	2.4		100	100	113	101
1,1,2,2-Tetrachloroethane	1.0	U	100	100	97.3	90.8
Toluene	1.8		100	100	98.3	93.3
Chlorobenzene	2.5		100	100	104	99.3
Ethylbenzene	6.6		100	100	105	101
Styrene	1.0	U	100	100	100	95.3
Xylenes, Total	14		300	300	315	298
Methyl acetate	2.0	U	100	100	81.4	71.4
Dichlorodifluoromethane	1.0	U	100	100	116	99.9
Freon TF	1.0	U	100	100	123	110
1,2,4-Trichlorobenzene	25		100	100	118	111
1,2-Dibromo-3-Chloropropane	1.0	U	100	100	88.7	81.2
1,3-Dichlorobenzene	1.0	U	100	100	101	96.5
MTBE	1.0	U	100	100	98.3	95.1

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50393

Method: 624
Preparation: N/A

MS Lab Sample ID:	460-17876-1	Units: ug/L	MSD Lab Sample ID:	460-17876-1	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	5.0		Dilution:	5.0	
Date Analyzed:	09/29/2010 2337		Date Analyzed:	09/30/2010 0001	
Date Prepared:	N/A		Date Prepared:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
p-Dioxane	1000	U	15000	15000	14000	15300
1,2,3-Trichlorobenzene	6.9		100	100	105	93.5
1,2-Dichlorobenzene	2.2		100	100	99.3	95.5
Isopropylbenzene	1.8		100	100	104	98.9
Methylcyclohexane	0.57	J	100	100	106	92.9
Trichlorofluoromethane	1.0	U	100	100	120	111
Cyclohexane	1.0	U	100	100	94.3	88.8
1,2-Dibromoethane	1.0	U	100	100	97.5	92.6
1,4-Dichlorobenzene	0.92	J	100	100	99.7	94.3

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 460-50059

Method: 625
Preparation: 625

Lab Sample ID: MB 460-50059/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/27/2010 2313
Date Prepared: 09/27/2010 0837

Analysis Batch: 460-50402
Prep Batch: 460-50059
Units: ug/L

Instrument ID: BNAMS6
Lab File ID: m48308.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	10	U	0.89	10
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
4-Methylphenol	10	U	1.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
2,4-Dichlorophenol	10	U	2.8	10
4-Chloro-3-methylphenol	10	U	2.0	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
4,6-Dinitro-2-methylphenol	30	U	5.2	30
Pentachlorophenol	30	U	5.1	30
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
1,3-Dichlorobenzene	10	U	3.8	10
1,4-Dichlorobenzene	10	U	3.6	10
1,2-Dichlorobenzene	10	U	3.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
1,2,4-Trichlorobenzene	1.0	U	0.52	1.0
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 460-50059

Method: 625
Preparation: 625

Lab Sample ID: MB 460-50059/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/27/2010 2313
Date Prepared: 09/27/2010 0837

Analysis Batch: 460-50402
Prep Batch: 460-50059
Units: ug/L

Instrument ID: BNAMS6
Lab File ID: m48308.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
bis (2-chloroisopropyl) ether	10	U	3.2	10
Caprolactam	10	U	0.50	10
Acetophenone	10	U	4.3	10
Atrazine	10	U	2.5	10
Benzaldehyde	10	U	1.3	10
1,2,4,5-Tetrachlorobenzene	10	U	2.4	10
Diphenyl	10	U	5.4	10
2,3,4,6-Tetrachlorophenol	10	U	2.1	10

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	25	10 - 65
Phenol-d5	18	10 - 48
Nitrobenzene-d5	84	56 - 112
2-Fluorobiphenyl	69	53 - 108
2,4,6-Tribromophenol	74	46 - 122
Terphenyl-d14	110	50 - 122

Method Blank TICs- Batch: 460-50059

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

Lab Control Sample - Batch: 460-50059

Method: 625
Preparation: 625

Lab Sample ID: LCS 460-50059/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/28/2010 1529
Date Prepared: 09/27/2010 0837

Analysis Batch: 460-50414
Prep Batch: 460-50059
Units: ug/L

Instrument ID: BNAMS6
Lab File ID: m48339.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	100	22.6	23	5 - 112	
2-Chlorophenol	100	69.5	70	23 - 134	
2-Methylphenol	100	59.3	59	31 - 89	
4-Methylphenol	100	50.2	50	21 - 78	
2-Nitrophenol	100	72.4	72	29 - 182	
2,4-Dimethylphenol	100	73.0	73	32 - 119	
2,4-Dichlorophenol	100	74.1	74	39 - 135	
4-Chloro-3-methylphenol	100	76.5	76	22 - 147	
2,4,6-Trichlorophenol	100	86.9	87	37 - 144	
2,4,5-Trichlorophenol	100	86.5	86	54 - 122	
2,4-Dinitrophenol	100	20.2	20	0.1 - 191	J
4-Nitrophenol	100	11.6	12	0.1 - 132	J
4,6-Dinitro-2-methylphenol	100	53.5	53	0.1 - 181	
Pentachlorophenol	100	72.1	72	14 - 176	
Bis(2-chloroethyl)ether	100	66.4	66	12 - 158	
1,3-Dichlorobenzene	100	74.1	74	0.1 - 172	
1,4-Dichlorobenzene	100	73.6	74	20 - 124	
1,2-Dichlorobenzene	100	72.1	72	32 - 129	
N-Nitrosodi-n-propylamine	100	81.6	82	0.1 - 230	
Hexachloroethane	100	77.3	77	40 - 113	
Nitrobenzene	100	90.3	90	35 - 180	
Isophorone	100	77.0	77	21 - 196	
Bis(2-chloroethoxy)methane	100	89.8	90	33 - 184	
1,2,4-Trichlorobenzene	100	78.8	79	44 - 142	
Naphthalene	100	77.2	77	21 - 133	
4-Chloroaniline	100	76.5	76	44 - 108	
Hexachlorobutadiene	100	82.7	83	24 - 116	
2-Methylnaphthalene	100	69.6	70	53 - 120	
Hexachlorocyclopentadiene	100	70.6	71	31 - 102	
2-Chloronaphthalene	100	90.1	90	60 - 118	
2-Nitroaniline	100	88.7	89	55 - 127	
Dimethyl phthalate	100	89.9	90	0.1 - 112	
Acenaphthylene	100	91.6	92	33 - 145	
2,6-Dinitrotoluene	100	98.2	98	50 - 158	
3-Nitroaniline	100	81.9	82	50 - 119	
Acenaphthene	100	93.0	93	47 - 145	
Dibenzofuran	100	88.2	88	60 - 120	
2,4-Dinitrotoluene	100	94.2	94	39 - 139	
Diethyl phthalate	100	77.4	77	0.1 - 114	
4-Chlorophenyl phenyl ether	100	80.7	81	25 - 158	
Fluorene	100	79.0	79	59 - 121	
4-Nitroaniline	100	76.4	76	42 - 129	
N-Nitrosodiphenylamine	100	95.5	95	64 - 126	
4-Bromophenyl phenyl ether	100	89.4	89	53 - 127	

Client: Delta Consultants

Job Number: 460-17876-1

Lab Control Sample - Batch: 460-50059

Method: 625
Preparation: 625

Lab Sample ID:	LCS 460-50059/2-A	Analysis Batch:	460-50414	Instrument ID:	BNAMS6
Client Matrix:	Water	Prep Batch:	460-50059	Lab File ID:	m48339.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	09/28/2010 1529			Final Weight/Volume:	2 mL
Date Prepared:	09/27/2010 0837			Injection Volume:	1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobenzene	100	91.6	92	0.1 - 152	
Phenanthrene	100	89.2	89	54 - 120	
Anthracene	100	82.1	82	27 - 133	
Carbazole	100	80.3	80	57 - 119	
Di-n-butyl phthalate	100	85.4	85	1 - 118	
Fluoranthene	100	84.2	84	26 - 137	
Pyrene	100	94.6	95	52 - 115	
Butyl benzyl phthalate	100	85.4	85	0.1 - 152	
3,3'-Dichlorobenzidine	100	102	102	0.1 - 262	
Benzo[a]anthracene	100	85.3	85	33 - 143	
Chrysene	100	83.3	83	17 - 168	
Bis(2-ethylhexyl) phthalate	100	84.7	85	8 - 158	
Di-n-octyl phthalate	100	84.3	84	4 - 146	
Benzo[b]fluoranthene	100	80.1	80	24 - 159	
Benzo[k]fluoranthene	100	86.2	86	11 - 162	
Benzo[a]pyrene	100	81.9	82	17 - 163	
Indeno[1,2,3-cd]pyrene	100	87.3	87	0.1 - 171	
Dibenz(a,h)anthracene	100	87.1	87	0.1 - 227	
Benzo[g,h,i]perylene	100	81.8	82	0.1 - 219	
bis (2-chloroisopropyl) ether	100	88.9	89	36 - 166	
2,3,4,6-Tetrachlorophenol	100	84.2	84	55 - 124	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	28	10 - 65
Phenol-d5	21	10 - 48
Nitrobenzene-d5	84	56 - 112
2-Fluorobiphenyl	87	53 - 108
2,4,6-Tribromophenol	85	46 - 122
Terphenyl-d14	99	50 - 122

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50059

Method: 625
Preparation: 625

MS Lab Sample ID:	460-17860-G-5-A MS	Analysis Batch: 460-50402	Instrument ID: BNAMS6
Client Matrix:	Water	Prep Batch: 460-50059	Lab File ID: m48310.d
Dilution:	1.0		Initial Weight/Volume: 980 mL
Date Analyzed:	09/27/2010 2356		Final Weight/Volume: 2 mL
Date Prepared:	09/27/2010 0837		Injection Volume: 1 uL

MSD Lab Sample ID:	460-17860-G-5-B MSD	Analysis Batch: 460-50402	Instrument ID: BNAMS6
Client Matrix:	Water	Prep Batch: 460-50059	Lab File ID: m48311.d
Dilution:	1.0		Initial Weight/Volume: 980 mL
Date Analyzed:	09/28/2010 0017		Final Weight/Volume: 2 mL
Date Prepared:	09/27/2010 0837		Injection Volume: 1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	27	27	5 - 112	1	40		
2-Chlorophenol	62	71	23 - 134	14	40		
2-Methylphenol	65	70	31 - 89	8	40		
4-Methylphenol	60	61	21 - 78	3	40		
2-Nitrophenol	80	89	29 - 182	10	40		
2,4-Dimethylphenol	80	90	32 - 119	12	40		
2,4-Dichlorophenol	77	82	39 - 135	7	40		
4-Chloro-3-methylphenol	76	81	22 - 147	6	40		
2,4,6-Trichlorophenol	78	87	37 - 144	10	40		
2,4,5-Trichlorophenol	80	84	54 - 122	5	40		
2,4-Dinitrophenol	75	81	0.1 - 191	8	40		
4-Nitrophenol	16	7	0.1 - 132	76	40	J	J F
4,6-Dinitro-2-methylphenol	86	103	0.1 - 181	18	40		
Pentachlorophenol	99	102	14 - 176	2	40		
Bis(2-chloroethyl)ether	63	65	12 - 158	4	40		
1,3-Dichlorobenzene	71	75	0.1 - 172	6	40		
1,4-Dichlorobenzene	71	72	20 - 124	1	40		
1,2-Dichlorobenzene	74	74	32 - 129	0	40		
N-Nitrosodi-n-propylamine	88	94	0.1 - 230	6	40		
Hexachloroethane	67	77	40 - 113	15	40		
Nitrobenzene	76	87	35 - 180	12	40		
Isophorone	80	87	21 - 196	8	40		
Bis(2-chloroethoxy)methane	89	97	33 - 184	9	40		
1,2,4-Trichlorobenzene	81	82	44 - 142	2	40		
Naphthalene	79	75	21 - 133	5	40		
4-Chloroaniline	60	66	44 - 108	11	40		
Hexachlorobutadiene	77	82	24 - 116	6	40		
2-Methylnaphthalene	71	79	53 - 120	11	40		
Hexachlorocyclopentadiene	59	58	31 - 102	2	40		
2-Chloronaphthalene	83	87	60 - 118	5	40		
2-Nitroaniline	82	87	55 - 127	7	40		
Dimethyl phthalate	82	85	0.1 - 112	4	40		

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50059

Method: 625
Preparation: 625

MS Lab Sample ID:	460-17860-G-5-A MS	Analysis Batch: 460-50402	Instrument ID: BNAMS6
Client Matrix:	Water	Prep Batch: 460-50059	Lab File ID: m48310.d
Dilution:	1.0		Initial Weight/Volume: 980 mL
Date Analyzed:	09/27/2010 2356		Final Weight/Volume: 2 mL
Date Prepared:	09/27/2010 0837		Injection Volume: 1 uL

MSD Lab Sample ID:	460-17860-G-5-B MSD	Analysis Batch: 460-50402	Instrument ID: BNAMS6
Client Matrix:	Water	Prep Batch: 460-50059	Lab File ID: m48311.d
Dilution:	1.0		Initial Weight/Volume: 980 mL
Date Analyzed:	09/28/2010 0017		Final Weight/Volume: 2 mL
Date Prepared:	09/27/2010 0837		Injection Volume: 1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthylene	78	86	33 - 145	10	40		
2,6-Dinitrotoluene	77	85	50 - 158	9	40		
3-Nitroaniline	67	69	50 - 119	3	40		
Acenaphthene	80	88	47 - 145	9	40		
Dibenzofuran	80	85	60 - 120	6	40		
2,4-Dinitrotoluene	81	89	39 - 139	9	40		
Diethyl phthalate	79	88	0.1 - 114	11	40		
4-Chlorophenyl phenyl ether	84	88	25 - 158	4	40		
Fluorene	73	93	59 - 121	24	40		
4-Nitroaniline	65	68	42 - 129	4	40		
N-Nitrosodiphenylamine	91	108	64 - 126	17	40		
4-Bromophenyl phenyl ether	90	110	53 - 127	20	40		
Hexachlorobenzene	92	104	0.1 - 152	12	40		
Phenanthrene	86	101	54 - 120	16	40		
Anthracene	87	105	27 - 133	19	40		
Carbazole	79	89	57 - 119	12	40		
Di-n-butyl phthalate	86	95	1 - 118	10	40		
Fluoranthene	79	88	26 - 137	11	40		
Pyrene	94	105	52 - 115	10	40		
Butyl benzyl phthalate	97	112	0.1 - 152	14	40		
3,3'-Dichlorobenzidine	21	24	0.1 - 262	16	40		
Benzo[a]anthracene	90	94	33 - 143	4	40		
Chrysene	94	111	17 - 168	16	40		
Bis(2-ethylhexyl) phthalate	103	117	8 - 158	12	40		
Di-n-octyl phthalate	89	84	4 - 146	5	40		
Benzo[b]fluoranthene	93	85	24 - 159	8	40		
Benzo[k]fluoranthene	93	105	11 - 162	12	40		
Benzo[a]pyrene	88	86	17 - 163	2	40		
Indeno[1,2,3-cd]pyrene	98	99	0.1 - 171	1	40		
Dibenz(a,h)anthracene	101	103	0.1 - 227	3	40		
Benzo[g,h,i]perylene	106	108	0.1 - 219	2	40		
bis (2-chloroisopropyl) ether	85	86	36 - 166	2	40		

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50059

Method: 625
Preparation: 625

MS Lab Sample ID:	460-17860-G-5-A MS	Analysis Batch: 460-50402	Instrument ID: BNAMS6
Client Matrix:	Water	Prep Batch: 460-50059	Lab File ID: m48310.d
Dilution:	1.0		Initial Weight/Volume: 980 mL
Date Analyzed:	09/27/2010 2356		Final Weight/Volume: 2 mL
Date Prepared:	09/27/2010 0837		Injection Volume: 1 uL

MSD Lab Sample ID:	460-17860-G-5-B MSD	Analysis Batch: 460-50402	Instrument ID: BNAMS6
Client Matrix:	Water	Prep Batch: 460-50059	Lab File ID: m48311.d
Dilution:	1.0		Initial Weight/Volume: 980 mL
Date Analyzed:	09/28/2010 0017		Final Weight/Volume: 2 mL
Date Prepared:	09/27/2010 0837		Injection Volume: 1 uL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	79	88	55 - 124	11	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	30	32	10 - 65
Phenol-d5	24	24	10 - 48
Nitrobenzene-d5	84	93	56 - 112
2-Fluorobiphenyl	80	82	53 - 108
2,4,6-Tribromophenol	77	86	46 - 122
Terphenyl-d14	93	105	50 - 122

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50059

Method: 625
Preparation: 625

MS Lab Sample ID:	460-17860-G-5-A MS	Units: ug/L	MSD Lab Sample ID:	460-17860-G-5-B MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	09/27/2010 2356		Date Analyzed:	09/28/2010 0017	
Date Prepared:	09/27/2010 0837		Date Prepared:	09/27/2010 0837	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	10	U	102	102	28.0		27.6	
2-Chlorophenol	10	U	102	102	63.6		72.9	
2-Methylphenol	10	U	102	102	66.1		71.9	
4-Methylphenol	10	U	102	102	60.8		62.5	
2-Nitrophenol	10	U	102	102	81.9		90.4	
2,4-Dimethylphenol	10	U	102	102	81.3		92.1	
2,4-Dichlorophenol	10	U	102	102	78.5		83.9	
4-Chloro-3-methylphenol	10	U	102	102	77.4		82.2	
2,4,6-Trichlorophenol	10	U	102	102	79.7		88.4	
2,4,5-Trichlorophenol	10	U	102	102	81.6		85.6	
2,4-Dinitrophenol	31	U	102	102	76.9		82.9	
4-Nitrophenol	31	U	102	102	16.0	J	7.19	J F
4,6-Dinitro-2-methylphenol	31	U	102	102	88.0		105	
Pentachlorophenol	31	U	102	102	101		104	
Bis(2-chloroethyl)ether	1.0	U	102	102	64.2		66.7	
1,3-Dichlorobenzene	10	U	102	102	72.1		76.6	
1,4-Dichlorobenzene	10	U	102	102	72.6		73.3	
1,2-Dichlorobenzene	10	U	102	102	75.0		75.0	
N-Nitrosodi-n-propylamine	1.0	U	102	102	90.2		95.6	
Hexachloroethane	1.0	U	102	102	68.0		79.0	
Nitrobenzene	1.0	U	102	102	78.0		88.3	
Isophorone	10	U	102	102	82.0		88.4	
Bis(2-chloroethoxy)methane	10	U	102	102	90.4		99.1	
1,2,4-Trichlorobenzene	1.0	U	102	102	82.6		84.0	
Naphthalene	10	U	102	102	80.8		76.9	
4-Chloroaniline	10	U	102	102	60.8		67.6	
Hexachlorobutadiene	2.0	U	102	102	78.8		83.4	
2-Methylnaphthalene	10	U	102	102	72.3		80.8	
Hexachlorocyclopentadiene	10	U	102	102	60.2		58.8	
2-Chloronaphthalene	10	U	102	102	84.9		89.3	
2-Nitroaniline	20	U	102	102	83.3		89.3	
Dimethyl phthalate	10	U	102	102	83.4		86.8	
Acenaphthylene	10	U	102	102	79.2		87.3	
2,6-Dinitrotoluene	2.0	U	102	102	79.0		86.3	
3-Nitroaniline	20	U	102	102	68.0		70.3	
Acenaphthene	10	U	102	102	81.8		89.8	
Dibenzofuran	10	U	102	102	81.7		86.9	
2,4-Dinitrotoluene	2.0	U	102	102	82.8		90.8	
Diethyl phthalate	10	U	102	102	80.5		89.9	
4-Chlorophenyl phenyl ether	10	U	102	102	85.6		89.4	
Fluorene	10	U	102	102	74.8		95.0	

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50059

Method: 625
Preparation: 625

MS Lab Sample ID:	460-17860-G-5-A MS	Units: ug/L	MSD Lab Sample ID:	460-17860-G-5-B MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	09/27/2010 2356		Date Analyzed:	09/28/2010 0017	
Date Prepared:	09/27/2010 0837		Date Prepared:	09/27/2010 0837	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Nitroaniline	20	U	102	102	66.0	68.9
N-Nitrosodiphenylamine	10	U	102	102	92.8	110
4-Bromophenyl phenyl ether	10	U	102	102	91.6	112
Hexachlorobenzene	1.0	U	102	102	94.2	106
Phenanthrene	10	U	102	102	88.2	103
Anthracene	10	U	102	102	88.7	107
Carbazole	10	U	102	102	80.4	90.8
Di-n-butyl phthalate	10	U	102	102	87.8	96.6
Fluoranthene	10	U	102	102	80.5	89.5
Pyrene	10	U	102	102	96.3	107
Butyl benzyl phthalate	10	U	102	102	99.1	114
3,3'-Dichlorobenzidine	20	U	102	102	21.0	24.7
Benzo[a]anthracene	1.0	U	102	102	92.3	96.0
Chrysene	10	U	102	102	96.4	113
Bis(2-ethylhexyl) phthalate	10	U	102	102	105	119
Di-n-octyl phthalate	10	U	102	102	90.3	85.5
Benzo[b]fluoranthene	1.0	U	102	102	94.5	87.2
Benzo[k]fluoranthene	1.0	U	102	102	95.2	107
Benzo[a]pyrene	1.0	U	102	102	89.3	87.5
Indeno[1,2,3-cd]pyrene	1.0	U	102	102	99.8	101
Dibenz(a,h)anthracene	1.0	U	102	102	103	106
Benzo[g,h,i]perylene	10	U	102	102	108	110
bis (2-chloroisopropyl) ether	10	U	102	102	86.7	88.1
2,3,4,6-Tetrachlorophenol	10	U	102	102	80.4	89.6

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 460-50059

Method: 8270C SIM
Preparation: 3510C

Lab Sample ID: MB 460-50059/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/30/2010 1550
Date Prepared: 09/27/2010 0837

Analysis Batch: 460-50583
Prep Batch: 460-50059
Units: ug/L

Instrument ID: BNAMS9
Lab File ID: h90570.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 460-50182

Method: 608
Preparation: 608

Lab Sample ID: MB 460-50182/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/01/2010 0515
Date Prepared: 09/28/2010 0819

Analysis Batch: 460-50656
Prep Batch: 460-50182
Units: ug/L

Instrument ID: PESTGC6
Lab File ID: nr089266.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	1.0	U	0.15	1.0
Aroclor 1221	1.0	U	0.12	1.0
Aroclor 1232	1.0	U	0.12	1.0
Aroclor 1242	1.0	U	0.16	1.0
Aroclor 1248	1.0	U	0.21	1.0
Aroclor 1254	1.0	U	0.13	1.0
Aroclor 1260	1.0	U	0.12	1.0
Aroclor 1262	1.0	U	0.11	1.0
Aroclor 1268	1.0	U	0.11	1.0

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	92	38 - 138
DCB Decachlorobiphenyl	110	17 - 152

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	87	38 - 138
DCB Decachlorobiphenyl	91	17 - 152

Client: Delta Consultants

Job Number: 460-17876-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-50182

Method: 608
Preparation: 608

LCS Lab Sample ID:	LCS 460-50182/2-A	Analysis Batch: 460-50656	Instrument ID: PESTGC6
Client Matrix:	Water	Prep Batch: 460-50182	Lab File ID: nr089267.d
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	10/01/2010 0528		Final Weight/Volume: 5 mL
Date Prepared:	09/28/2010 0819		Injection Volume:
			Column ID: PRIMARY

LCSD Lab Sample ID:	LCSD 460-50182/3-A	Analysis Batch: 460-50656	Instrument ID: PESTGC6
Client Matrix:	Water	Prep Batch: 460-50182	Lab File ID: nr089268.d
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	10/01/2010 0540		Final Weight/Volume: 5 mL
Date Prepared:	09/28/2010 0819		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	108	102	50 - 114	6	40		
Aroclor 1260	99	100	8 - 127	1	40		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	97	95	38 - 138
DCB Decachlorobiphenyl	114	113	17 - 152

Client: Delta Consultants

Job Number: 460-17876-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-50182

Method: 608
Preparation: 608

LCS Lab Sample ID:	LCS 460-50182/2-A	Analysis Batch: 460-50656	Instrument ID: PESTGC6
Client Matrix:	Water	Prep Batch: 460-50182	Lab File ID: nf089267.d
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	10/01/2010 0528		Final Weight/Volume: 5 mL
Date Prepared:	09/28/2010 0819		Injection Volume:
			Column ID: SECONDARY

LCSD Lab Sample ID:	LCSD 460-50182/3-A	Analysis Batch: 460-50656	Instrument ID: PESTGC6
Client Matrix:	Water	Prep Batch: 460-50182	Lab File ID: nf089268.d
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	10/01/2010 0540		Final Weight/Volume: 5 mL
Date Prepared:	09/28/2010 0819		Injection Volume:
			Column ID: SECONDARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	96	97	50 - 114	1	40		
Aroclor 1260	99	96	8 - 127	2	40		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	91	91	38 - 138
DCB Decachlorobiphenyl	93	94	17 - 152

Client: Delta Consultants

Job Number: 460-17876-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-50182

Method: 608
Preparation: 608

LCS Lab Sample ID:	LCS 460-50182/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-50182/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	10/01/2010 0528			Date Analyzed:	10/01/2010 0540
Date Prepared:	09/28/2010 0819			Date Prepared:	09/28/2010 0819

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	5.00	5.00	5.41	5.10
Aroclor 1260	5.00	5.00	4.93	5.00

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-50182

Method: 608
Preparation: 608

LCS Lab Sample ID:	LCS 460-50182/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-50182/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	10/01/2010 0528			Date Analyzed:	10/01/2010 0540
Date Prepared:	09/28/2010 0819			Date Prepared:	09/28/2010 0819

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	5.00	5.00	4.78	4.83
Aroclor 1260	5.00	5.00	4.93	4.82

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 460-50757

Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable

Lab Sample ID: MB 460-50757/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/04/2010 1527
Date Prepared: 10/01/2010 1700

Analysis Batch: 460-50967
Prep Batch: 460-50757
Units: ug/L

Instrument ID: ICP2
Lab File ID: 50757V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Iron	150	U	47.1	150

Lab Control Sample - Batch: 460-50757

Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable

Lab Sample ID: LCS 460-50757/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/04/2010 1534
Date Prepared: 10/01/2010 1700

Analysis Batch: 460-50967
Prep Batch: 460-50757
Units: ug/L

Instrument ID: ICP2
Lab File ID: 50757V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	1000	990.0	99	85 - 115	

Matrix Spike - Batch: 460-50757

Method: 200.7 Rev 4.4
Preparation: 200.7
Dissolved

Lab Sample ID: 460-17914-A-6-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/04/2010 1702
Date Prepared: 10/01/2010 1700

Analysis Batch: 460-50967
Prep Batch: 460-50757
Units: ug/L

Instrument ID: ICP2
Lab File ID: 50757V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Iron	150	U	1000	969.3	97	70 - 130	

Client: Delta Consultants

Job Number: 460-17876-1

Duplicate - Batch: 460-50757

Method: 200.7 Rev 4.4
Preparation: 200.7
Dissolved

Lab Sample ID: 460-17914-A-6-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/04/2010 1621
Date Prepared: 10/01/2010 1700

Analysis Batch: 460-50967
Prep Batch: 460-50757
Units: ug/L

Instrument ID: ICP2
Lab File ID: 50757V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Iron	150	U	150	NC	20	U

Serial Dilution - Batch: 460-50757

Method: 200.7 Rev 4.4
Preparation: 200.7
Dissolved

Lab Sample ID: 460-17914-A-6-A SD ^5
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 10/04/2010 1656
Date Prepared: 10/01/2010 1700

Analysis Batch: 460-50967
Prep Batch: 460-50757
Units: ug/L

Instrument ID: ICP2
Lab File ID: 50757V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Iron	150	U	750	NC	10	U

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 460-50758

Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable

Lab Sample ID: MB 460-50758/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/07/2010 1943
Date Prepared: 10/01/2010 1725

Analysis Batch: 460-51442
Prep Batch: 460-50758
Units: ug/L

Instrument ID: ICP4
Lab File ID: 10082010.txt
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Iron	150	U	47.1	150

Lab Control Sample - Batch: 460-50758

Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable

Lab Sample ID: LCS 460-50758/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/07/2010 1947
Date Prepared: 10/01/2010 1725

Analysis Batch: 460-51442
Prep Batch: 460-50758
Units: ug/L

Instrument ID: ICP4
Lab File ID: 10082010.txt
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	1000	970.8	97	85 - 115	

Matrix Spike - Batch: 460-50758

Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable

Lab Sample ID: 460-17835-D-6-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/07/2010 1959
Date Prepared: 10/01/2010 1725

Analysis Batch: 460-51442
Prep Batch: 460-50758
Units: ug/L

Instrument ID: ICP4
Lab File ID: 10082010.txt
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Iron	1190	1000	2171	98	70 - 130	

Client: Delta Consultants

Job Number: 460-17876-1

Duplicate - Batch: 460-50758

Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable

Lab Sample ID: 460-17835-D-6-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/07/2010 1950
Date Prepared: 10/01/2010 1725

Analysis Batch: 460-51442
Prep Batch: 460-50758
Units: ug/L

Instrument ID: ICP4
Lab File ID: 10082010.txt
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Iron	1190	1186	0.5	20	

Serial Dilution - Batch: 460-50758

Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable

Lab Sample ID: 460-17835-D-6-A SD ^5
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 10/07/2010 1956
Date Prepared: 10/01/2010 1725

Analysis Batch: 460-51442
Prep Batch: 460-50758
Units: ug/L

Instrument ID: ICP4
Lab File ID: 10082010.txt
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Iron	1190	1191	NC	10	

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 220-43613

Method: 351.2
Preparation: 351.2

Lab Sample ID: MB 220-43613/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/11/2010 1114
Date Prepared: 10/08/2010 1430

Analysis Batch: 220-43647
Prep Batch: 220-43613
Units: mg/L

Instrument ID: KLAB
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Nitrogen, Total Kjeldahl	0.50	U	0.032	0.50

Lab Control Sample - Batch: 220-43613

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCS 220-43613/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/11/2010 1114
Date Prepared: 10/08/2010 1430

Analysis Batch: 220-43647
Prep Batch: 220-43613
Units: mg/L

Instrument ID: KLAB
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Total Kjeldahl	2.47	2.41	97	85 - 115	

Matrix Spike - Batch: 220-43613

Method: 351.2
Preparation: 351.2

Lab Sample ID: 220-13452-E-1-E MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/11/2010 1114
Date Prepared: 10/08/2010 1430

Analysis Batch: 220-43647
Prep Batch: 220-43613
Units: mg/L

Instrument ID: KLAB
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Total Kjeldahl	0.31	J	2.00	2.29	99	75 - 125	

Client: Delta Consultants

Job Number: 460-17876-1

Duplicate - Batch: 220-43613

Method: 351.2
Preparation: 351.2

Lab Sample ID: 220-13452-E-1-D DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/11/2010 1114
Date Prepared: 10/08/2010 1430

Analysis Batch: 220-43647
Prep Batch: 220-43613
Units: mg/L

Instrument ID: KLAB
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Nitrogen, Total Kjeldahl	0.31	J	0.315	0.9	20	J

Method Blank - Batch: 460-51519

Method: 4500 NH3 H
Preparation: SM 4500 NH3 B

Lab Sample ID: MB 460-51519/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/08/2010 1708
Date Prepared: 10/08/2010 1424

Analysis Batch: 460-51554
Prep Batch: 460-51519
Units: mg/L

Instrument ID: Lachat2
Lab File ID: A101008.FDT
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result	Qual	MDL	RL
Ammonia	0.10	U	0.034	0.10

Lab Control Sample - Batch: 460-51519

Method: 4500 NH3 H
Preparation: SM 4500 NH3 B

Lab Sample ID: LCS 460-51519/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/08/2010 1710
Date Prepared: 10/08/2010 1424

Analysis Batch: 460-51554
Prep Batch: 460-51519
Units: mg/L

Instrument ID: Lachat2
Lab File ID: A101008.FDT
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia	1.00	1.05	105	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-51519

Method: 4500 NH3 H
Preparation: SM 4500 NH3 B

MS Lab Sample ID: 460-18217-F-1-A MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/08/2010 1711
Date Prepared: 10/08/2010 1424

Analysis Batch: 460-51554
Prep Batch: 460-51519

Instrument ID: Lachat2
Lab File ID: A101008.FDT
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

MSD Lab Sample ID: 460-18217-F-1-B MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/08/2010 1713
Date Prepared: 10/08/2010 1424

Analysis Batch: 460-51554
Prep Batch: 460-51519

Instrument ID: Lachat2
Lab File ID: A101008.FDT
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia	103	101	53 - 130	1	14		

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-51519

Method: 4500 NH3 H
Preparation: SM 4500 NH3 B

MS Lab Sample ID:	460-18217-F-1-A MS	Units: mg/L	MSD Lab Sample ID:	460-18217-F-1-B MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	10/08/2010 1711		Date Analyzed:	10/08/2010 1713	
Date Prepared:	10/08/2010 1424		Date Prepared:	10/08/2010 1424	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Ammonia	0.22	1.00	1.00	1.24	1.23

Method Blank - Batch: 460-51232

Method: D516-90, 02
Preparation: N/A

Lab Sample ID: MB 460-51232/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/06/2010 1511
Date Prepared: N/A

Analysis Batch: 460-51232
Prep Batch: N/A
Units: mg/L

Instrument ID: Konelab1
Lab File ID: KL100610A.xls
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	RL
Sulfate	5.0	U	0.32	5.0

Lab Control Sample - Batch: 460-51232

Method: D516-90, 02
Preparation: N/A

Lab Sample ID: LCS 460-51232/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/06/2010 1511
Date Prepared: N/A

Analysis Batch: 460-51232
Prep Batch: N/A
Units: mg/L

Instrument ID: Konelab1
Lab File ID: KL100610A.xls
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	18.8	19.71	105	85 - 115	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-51232

Method: D516-90, 02
Preparation: N/A

MS Lab Sample ID: 460-17760-J-3 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/06/2010 1632
Date Prepared: N/A

Analysis Batch: 460-51232
Prep Batch: N/A

Instrument ID: Konelab1
Lab File ID: KL100610A.xls
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 460-17760-J-3 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/06/2010 1632
Date Prepared: N/A

Analysis Batch: 460-51232
Prep Batch: N/A

Instrument ID: Konelab1
Lab File ID: KL100610A.xls
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sulfate	65	43	59 - 111	21	12		F

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-51232

Method: D516-90, 02
Preparation: N/A

MS Lab Sample ID:	460-17760-J-3 MS	Units: mg/L	MSD Lab Sample ID:	460-17760-J-3 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	10/06/2010 1632		Date Analyzed:	10/06/2010 1632	
Date Prepared:	N/A		Date Prepared:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Sulfate	10.2	20.0	20.0	23.22	18.73	F

Client: Delta Consultants

Job Number: 460-17876-1

Method Blank - Batch: 460-50398

Method: SM 4500 NO3 F
Preparation: N/A

Lab Sample ID: MB 460-50398/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/29/2010 1103
Date Prepared: N/A

Analysis Batch: 460-50398
Prep Batch: N/A
Units: mg/L

Instrument ID: Lachat1
Lab File ID: N100929.FDT
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	RL
Nitrate as N	0.10	U	0.039	0.10
Nitrite as N	0.10	U	0.013	0.10

Lab Control Sample - Batch: 460-50398

Method: SM 4500 NO3 F
Preparation: N/A

Lab Sample ID: LCS 460-50398/10 ^4
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 09/29/2010 1104
Date Prepared: N/A

Analysis Batch: 460-50398
Prep Batch: N/A
Units: mg/L

Instrument ID: Lachat1
Lab File ID: N100929.FDT
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrite as N	1.92	1.82	95	85 - 115	

Lab Control Sample - Batch: 460-50398

Method: SM 4500 NO3 F
Preparation: N/A

Lab Sample ID: LCS 460-50398/11 ^2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 09/29/2010 1106
Date Prepared: N/A

Analysis Batch: 460-50398
Prep Batch: N/A
Units: mg/L

Instrument ID: Lachat1
Lab File ID: N100929.FDT
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate as N	3.02	2.92	97	85 - 115	

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50398

Method: SM 4500 NO3 F
Preparation: N/A

MS Lab Sample ID:	460-17952-E-1 MS	Analysis Batch: 460-50398	Instrument ID: Lachat1
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N100929.FDT
Dilution:	1.0		Initial Weight/Volume: 1.0 mL
Date Analyzed:	09/29/2010 1129		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	460-17952-E-1 MSD	Analysis Batch: 460-50398	Instrument ID: Lachat1
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N100929.FDT
Dilution:	1.0		Initial Weight/Volume: 1.0 mL
Date Analyzed:	09/29/2010 1131		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrate as N	61	59	45 - 128	2	10		
Nitrite as N	77	77	80 - 120	0.9	10	F	F

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50398

Method: SM 4500 NO3 F
Preparation: N/A

MS Lab Sample ID:	460-17952-E-1 MS	Units: mg/L	MSD Lab Sample ID: 460-17952-E-1 MSD
Client Matrix:	Water		Client Matrix: Water
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	09/29/2010 1129		Date Analyzed: 09/29/2010 1131
Date Prepared:	N/A		Date Prepared: N/A

	Sample		MS Spike	MSD Spike	MS		MSD	
Analyte	Result/Qual		Amount	Amount	Result/Qual		Result/Qual	
Nitrate as N	0.091	J	0.500	0.500	0.394		0.384	
Nitrite as N	0.030	J	0.500	0.500	0.413	F	0.416	F

Method Blank - Batch: 460-50432

Method: SM 4500 P E
Preparation: N/A

Lab Sample ID: MB 460-50432/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/29/2010 0947
Date Prepared: N/A

Analysis Batch: 460-50432
Prep Batch: N/A
Units: mg/L

Instrument ID: WetPhosSpec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Orthophosphate as P	0.030	U	0.0058	0.030

Lab Control Sample - Batch: 460-50432

Method: SM 4500 P E
Preparation: N/A

Lab Sample ID: LCS 460-50432/4
Client Matrix: Water
Dilution: 20
Date Analyzed: 09/29/2010 0948
Date Prepared: N/A

Analysis Batch: 460-50432
Prep Batch: N/A
Units: mg/L

Instrument ID: WetPhosSpec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Orthophosphate as P	4.11	4.17	101	85 - 115	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50432

Method: SM 4500 P E
Preparation: N/A

MS Lab Sample ID: 460-17876-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/29/2010 0950
Date Prepared: N/A

Analysis Batch: 460-50432
Prep Batch: N/A

Instrument ID: WetPhosSpec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 460-17876-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/29/2010 0951
Date Prepared: N/A

Analysis Batch: 460-50432
Prep Batch: N/A

Instrument ID: WetPhosSpec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Orthophosphate as P	92	92	80 - 120	0	10		

Client: Delta Consultants

Job Number: 460-17876-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-50432

Method: SM 4500 P E
Preparation: N/A

MS Lab Sample ID:	460-17876-1	Units: mg/L	MSD Lab Sample ID:	460-17876-1
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Date Analyzed:	09/29/2010 0950		Date Analyzed:	09/29/2010 0951
Date Prepared:	N/A		Date Prepared:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Orthophosphate as P	0.013	J	0.200	0.200	0.197	0.197

DATA REPORTING QUALIFIERS

Client: Delta Consultants Job Number: 460-17876-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	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.
	X	Surrogate is outside control limits
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

DATA REPORTING QUALIFIERS

Client: Delta Consultants Job Number: 460-17876-1

Lab Section	Qualifier	Description
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time

Client: Delta Consultants

Job Number: 460-17876-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-50393					
LCS 460-50393/26	Lab Control Sample	T	Water	624	
MB 460-50393/27	Method Blank	T	Water	624	
460-17876-1	MW-18	T	Water	624	
460-17876-1MS	Matrix Spike	T	Water	624	
460-17876-1MSD	Matrix Spike Duplicate	T	Water	624	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 460-50059					
MB 460-50059/1-A	Method Blank	T	Water	3510C	
LCS 460-50059/2-A	Lab Control Sample	T	Water	625	
MB 460-50059/1-A	Method Blank	T	Water	625	
460-17860-G-5-A MS	Matrix Spike	T	Water	625	
460-17860-G-5-B MSD	Matrix Spike Duplicate	T	Water	625	
460-17876-1	MW-18	T	Water	3510C	
460-17876-1	MW-18	T	Water	625	
Analysis Batch:460-50402					
MB 460-50059/1-A	Method Blank	T	Water	625	460-50059
460-17860-G-5-A MS	Matrix Spike	T	Water	625	460-50059
460-17860-G-5-B MSD	Matrix Spike Duplicate	T	Water	625	460-50059
460-17876-1	MW-18	T	Water	625	460-50059
Analysis Batch:460-50414					
LCS 460-50059/2-A	Lab Control Sample	T	Water	625	460-50059
Analysis Batch:460-50583					
MB 460-50059/1-A	Method Blank	T	Water	8270C SIM	460-50059
460-17876-1	MW-18	T	Water	8270C SIM	460-50059

Report Basis
T = Total

Client: Delta Consultants

Job Number: 460-17876-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-50182					
LCS 460-50182/2-A	Lab Control Sample	T	Water	608	
LCSD 460-50182/3-A	Lab Control Sample Duplicate	T	Water	608	
MB 460-50182/1-A	Method Blank	T	Water	608	
460-17876-1	MW-18	T	Water	608	
Analysis Batch:460-50656					
LCS 460-50182/2-A	Lab Control Sample	T	Water	608	460-50182
LCSD 460-50182/3-A	Lab Control Sample Duplicate	T	Water	608	460-50182
MB 460-50182/1-A	Method Blank	T	Water	608	460-50182
460-17876-1	MW-18	T	Water	608	460-50182

Report Basis

T = Total

Client: Delta Consultants

Job Number: 460-17876-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-50757					
LCS 460-50757/2-A	Lab Control Sample	R	Water	200.7	
MB 460-50757/1-A	Method Blank	R	Water	200.7	
460-17876-1	MW-18	D	Water	200.7	
460-17914-A-6-B DU	Duplicate	D	Water	200.7	
460-17914-A-6-C MS	Matrix Spike	D	Water	200.7	
Prep Batch: 460-50758					
LCS 460-50758/2-A	Lab Control Sample	R	Water	200.7	
MB 460-50758/1-A	Method Blank	R	Water	200.7	
460-17835-D-6-B DU	Duplicate	R	Water	200.7	
460-17835-D-6-C MS	Matrix Spike	R	Water	200.7	
460-17876-1	MW-18	R	Water	200.7	
Analysis Batch:460-50967					
LCS 460-50757/2-A	Lab Control Sample	R	Water	200.7 Rev 4.4	460-50757
MB 460-50757/1-A	Method Blank	R	Water	200.7 Rev 4.4	460-50757
460-17876-1	MW-18	D	Water	200.7 Rev 4.4	460-50757
460-17914-A-6-B DU	Duplicate	D	Water	200.7 Rev 4.4	460-50757
460-17914-A-6-C MS	Matrix Spike	D	Water	200.7 Rev 4.4	460-50757
Analysis Batch:460-51442					
LCS 460-50758/2-A	Lab Control Sample	R	Water	200.7 Rev 4.4	460-50758
MB 460-50758/1-A	Method Blank	R	Water	200.7 Rev 4.4	460-50758
460-17835-D-6-B DU	Duplicate	R	Water	200.7 Rev 4.4	460-50758
460-17835-D-6-C MS	Matrix Spike	R	Water	200.7 Rev 4.4	460-50758
460-17876-1	MW-18	R	Water	200.7 Rev 4.4	460-50758

Report Basis

D = Dissolved

R = Total Recoverable

Client: Delta Consultants

Job Number: 460-17876-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 220-43613					
LCS 220-43613/2-A	Lab Control Sample	T	Water	351.2	
MB 220-43613/1-A	Method Blank	T	Water	351.2	
220-13452-E-1-D DU	Duplicate	T	Water	351.2	
220-13452-E-1-E MS	Matrix Spike	T	Water	351.2	
460-17876-1	MW-18	T	Water	351.2	
Analysis Batch:220-43647					
LCS 220-43613/2-A	Lab Control Sample	T	Water	351.2	220-43613
MB 220-43613/1-A	Method Blank	T	Water	351.2	220-43613
220-13452-E-1-D DU	Duplicate	T	Water	351.2	220-43613
220-13452-E-1-E MS	Matrix Spike	T	Water	351.2	220-43613
460-17876-1	MW-18	T	Water	351.2	220-43613
Analysis Batch:460-50398					
LCS 460-50398/10 ^4	Lab Control Sample	T	Water	SM 4500 NO3 F	
LCS 460-50398/11 ^2	Lab Control Sample	T	Water	SM 4500 NO3 F	
MB 460-50398/9	Method Blank	T	Water	SM 4500 NO3 F	
460-17876-1	MW-18	T	Water	SM 4500 NO3 F	
460-17952-E-1 MS	Matrix Spike	T	Water	SM 4500 NO3 F	
460-17952-E-1 MSD	Matrix Spike Duplicate	T	Water	SM 4500 NO3 F	
Analysis Batch:460-50432					
LCS 460-50432/4	Lab Control Sample	T	Water	SM 4500 P E	
MB 460-50432/3	Method Blank	T	Water	SM 4500 P E	
460-17876-1	MW-18	T	Water	SM 4500 P E	
460-17876-1MS	Matrix Spike	T	Water	SM 4500 P E	
460-17876-1MSD	Matrix Spike Duplicate	T	Water	SM 4500 P E	
Analysis Batch:460-51232					
LCS 460-51232/6	Lab Control Sample	T	Water	D516-90, 02	
MB 460-51232/5	Method Blank	T	Water	D516-90, 02	
460-17760-J-3 MS	Matrix Spike	T	Water	D516-90, 02	
460-17760-J-3 MSD	Matrix Spike Duplicate	T	Water	D516-90, 02	
460-17876-1	MW-18	T	Water	D516-90, 02	
Prep Batch: 460-51519					
LCS 460-51519/2-A	Lab Control Sample	T	Water	SM 4500 NH3 B	
MB 460-51519/1-A	Method Blank	T	Water	SM 4500 NH3 B	
460-17876-1	MW-18	T	Water	SM 4500 NH3 B	
460-18217-F-1-A MS	Matrix Spike	T	Water	SM 4500 NH3 B	
460-18217-F-1-B MSD	Matrix Spike Duplicate	T	Water	SM 4500 NH3 B	

Client: Delta Consultants

Job Number: 460-17876-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-51554					
LCS 460-51519/2-A	Lab Control Sample	T	Water	4500 NH3 H	460-51519
MB 460-51519/1-A	Method Blank	T	Water	4500 NH3 H	460-51519
460-17876-1	MW-18	T	Water	4500 NH3 H	460-51519
460-18217-F-1-A MS	Matrix Spike	T	Water	4500 NH3 H	460-51519
460-18217-F-1-B MSD	Matrix Spike Duplicate	T	Water	4500 NH3 H	460-51519

Report Basis
T = Total

Client: Delta Consultants Job Number: 460-17876-1

Laboratory Chronicle

Lab ID: 460-17876-1 **Client ID: MW-18**

Sample Date/Time: 09/22/2010 13:40 Received Date/Time: 09/24/2010 14:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:624	460-17876-A-1		460-50393		09/29/2010 23:14	1	TAL EDI	SD
P:625	460-17876-L-1-A		460-50402	460-50059	09/27/2010 08:37	1	TAL EDI	MC
A:625	460-17876-L-1-A		460-50402	460-50059	09/28/2010 06:42	1	TAL EDI	CZ
P:3510C	460-17876-L-1-A		460-50583	460-50059	09/27/2010 08:37	1	TAL EDI	MC
A:8270C SIM	460-17876-L-1-A		460-50583	460-50059	09/30/2010 16:38	1	TAL EDI	CZ
P:608	460-17876-J-1-A		460-50656	460-50182	09/28/2010 08:19	5	TAL EDI	MC
A:608	460-17876-J-1-A		460-50656	460-50182	10/01/2010 08:35	5	TAL EDI	SK
P:200.7	460-17876-G-1-B		460-50967	460-50757	10/01/2010 17:00	1	TAL EDI	TS
A:200.7 Rev 4.4	460-17876-G-1-B		460-50967	460-50757	10/04/2010 22:52	1	TAL EDI	VD
P:200.7	460-17876-H-1-A		460-51442	460-50758	10/01/2010 17:25	1	TAL EDI	TS
A:200.7 Rev 4.4	460-17876-H-1-A		460-51442	460-50758	10/07/2010 20:52	1	TAL EDI	CDC
P:351.2	460-17876-D-1-A		220-43647	220-43613	10/08/2010 14:30	1	TAL CT	RN
A:351.2	460-17876-D-1-A		220-43647	220-43613	10/11/2010 11:21	1	TAL CT	RN
P:SM 4500 NH3 B	460-17876-E-1-A		460-51554	460-51519	10/08/2010 14:24	1	TAL EDI	IA
A:4500 NH3 H	460-17876-E-1-A		460-51554	460-51519	10/08/2010 17:16	1	TAL EDI	HV
A:D516-90, 02	460-17876-G-1		460-51232		10/06/2010 15:22	1	TAL EDI	MB
A:SM 4500 NO3 F	460-17876-F-1		460-50398		09/29/2010 11:28	1	TAL EDI	LE
A:SM 4500 P E	460-17876-G-1		460-50432		09/29/2010 09:49	1	TAL EDI	RK

Lab ID: 460-17876-1 MS **Client ID: MW-18**

Sample Date/Time: 09/22/2010 13:40 Received Date/Time: 09/24/2010 14:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:624	460-17876-B-1 MS		460-50393		09/29/2010 23:37	5	TAL EDI	SD
A:SM 4500 P E	460-17876-G-1 MS		460-50432		09/29/2010 09:50	1	TAL EDI	RK

Lab ID: 460-17876-1 MSD **Client ID: MW-18**

Sample Date/Time: 09/22/2010 13:40 Received Date/Time: 09/24/2010 14:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:624	460-17876-B-1 MSD		460-50393		09/30/2010 00:01	5	TAL EDI	SD
A:SM 4500 P E	460-17876-G-1 MSD		460-50432		09/29/2010 09:51	1	TAL EDI	RK

Client: Delta Consultants Job Number: 460-17876-1

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
A:624	MB 460-50393/27		460-50393		09/29/2010 22:50	1	TAL EDI	SD
P:625	MB 460-50059/1-A		460-50402	460-50059	09/27/2010 08:37	1	TAL EDI	MC
A:625	MB 460-50059/1-A		460-50402	460-50059	09/27/2010 23:13	1	TAL EDI	CZ
P:3510C	MB 460-50059/1-A		460-50583	460-50059	09/27/2010 08:37	1	TAL EDI	MC
A:8270C SIM	MB 460-50059/1-A		460-50583	460-50059	09/30/2010 15:50	1	TAL EDI	CZ
P:608	MB 460-50182/1-A		460-50656	460-50182	09/28/2010 08:19	1	TAL EDI	MC
A:608	MB 460-50182/1-A		460-50656	460-50182	10/01/2010 05:15	1	TAL EDI	SK
P:200.7	MB 460-50757/1-A		460-50967	460-50757	10/01/2010 17:00	1	TAL EDI	TS
A:200.7 Rev 4.4	MB 460-50757/1-A		460-50967	460-50757	10/04/2010 15:27	1	TAL EDI	VD
P:200.7	MB 460-50758/1-A		460-51442	460-50758	10/01/2010 17:25	1	TAL EDI	TS
A:200.7 Rev 4.4	MB 460-50758/1-A		460-51442	460-50758	10/07/2010 19:43	1	TAL EDI	CDC
P:351.2	MB 220-43613/1-A		220-43647	220-43613	10/08/2010 14:30	1	TAL CT	RN
A:351.2	MB 220-43613/1-A		220-43647	220-43613	10/11/2010 11:14	1	TAL CT	RN
P:SM 4500 NH3 B	MB 460-51519/1-A		460-51554	460-51519	10/08/2010 14:24	1	TAL EDI	IA
A:4500 NH3 H	MB 460-51519/1-A		460-51554	460-51519	10/08/2010 17:08	1	TAL EDI	HV
A:D516-90, 02	MB 460-51232/5		460-51232		10/06/2010 15:11	1	TAL EDI	MB
A:SM 4500 NO3 F	MB 460-50398/9		460-50398		09/29/2010 11:03	1	TAL EDI	LE
A:SM 4500 P E	MB 460-50432/3		460-50432		09/29/2010 09:47	1	TAL EDI	RK

Client: Delta Consultants Job Number: 460-17876-1

Laboratory Chronicle

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
A:624	LCS 460-50393/26		460-50393		09/29/2010 21:38	1	TAL EDI	SD
P:625	LCS 460-50059/2-A		460-50414	460-50059	09/27/2010 08:37	1	TAL EDI	MC
A:625	LCS 460-50059/2-A		460-50414	460-50059	09/28/2010 15:29	1	TAL EDI	CZ
P:608	LCS 460-50182/2-A		460-50656	460-50182	09/28/2010 08:19	1	TAL EDI	MC
A:608	LCS 460-50182/2-A		460-50656	460-50182	10/01/2010 05:28	1	TAL EDI	SK
P:200.7	LCS 460-50757/2-A		460-50967	460-50757	10/01/2010 17:00	1	TAL EDI	TS
A:200.7 Rev 4.4	LCS 460-50757/2-A		460-50967	460-50757	10/04/2010 15:34	1	TAL EDI	VD
P:200.7	LCS 460-50758/2-A		460-51442	460-50758	10/01/2010 17:25	1	TAL EDI	TS
A:200.7 Rev 4.4	LCS 460-50758/2-A		460-51442	460-50758	10/07/2010 19:47	1	TAL EDI	CDC
P:351.2	LCS 220-43613/2-A		220-43647	220-43613	10/08/2010 14:30	1	TAL CT	RN
A:351.2	LCS 220-43613/2-A		220-43647	220-43613	10/11/2010 11:14	1	TAL CT	RN
P:SM 4500 NH3 B	LCS 460-51519/2-A		460-51554	460-51519	10/08/2010 14:24	1	TAL EDI	IA
A:4500 NH3 H	LCS 460-51519/2-A		460-51554	460-51519	10/08/2010 17:10	1	TAL EDI	HV
A:D516-90, 02	LCS 460-51232/6		460-51232		10/06/2010 15:11	1	TAL EDI	MB
A:SM 4500 NO3 F	LCS 460-50398/10 ^4		460-50398		09/29/2010 11:04	4	TAL EDI	LE
A:SM 4500 NO3 F	LCS 460-50398/11 ^2		460-50398		09/29/2010 11:06	2	TAL EDI	LE
A:SM 4500 P E	LCS 460-50432/4		460-50432		09/29/2010 09:48	20	TAL EDI	RK

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:608	LCSD 460-50182/3-A		460-50656	460-50182	09/28/2010 08:19	1	TAL EDI	MC
A:608	LCSD 460-50182/3-A		460-50656	460-50182	10/01/2010 05:40	1	TAL EDI	SK

Client: Delta Consultants Job Number: 460-17876-1

Laboratory Chronicle

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

Sample Date/Time: 09/21/2010 09:52 Received Date/Time: 09/22/2010 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:625	460-17860-G-5-A MS		460-50402	460-50059	09/27/2010 08:37	1	TAL EDI	MC
A:625	460-17860-G-5-A MS		460-50402	460-50059	09/27/2010 23:56	1	TAL EDI	CZ
P:200.7	460-17914-A-6-C MS		460-50967	460-50757	10/01/2010 17:00	1	TAL EDI	TS
A:200.7 Rev 4.4	460-17914-A-6-C MS		460-50967	460-50757	10/04/2010 17:02	1	TAL EDI	VD
P:200.7	460-17835-D-6-C MS		460-51442	460-50758	10/01/2010 17:25	1	TAL EDI	TS
A:200.7 Rev 4.4	460-17835-D-6-C MS		460-51442	460-50758	10/07/2010 19:59	1	TAL EDI	CDC
P:351.2	220-13452-E-1-E MS		220-43647	220-43613	10/08/2010 14:30	1	TAL CT	RN
A:351.2	220-13452-E-1-E MS		220-43647	220-43613	10/11/2010 11:14	1	TAL CT	RN
P:SM 4500 NH3 B	460-18217-F-1-A MS		460-51554	460-51519	10/08/2010 14:24	1	TAL EDI	IA
A:4500 NH3 H	460-18217-F-1-A MS		460-51554	460-51519	10/08/2010 17:11	1	TAL EDI	HV
A:D516-90, 02	460-17760-J-3 MS		460-51232		10/06/2010 16:32	1	TAL EDI	MB
A:SM 4500 NO3 F	460-17952-E-1 MS		460-50398		09/29/2010 11:29	1	TAL EDI	LE

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

Sample Date/Time: 09/21/2010 09:52 Received Date/Time: 09/22/2010 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:625	460-17860-G-5-B MSD		460-50402	460-50059	09/27/2010 08:37	1	TAL EDI	MC
A:625	460-17860-G-5-B MSD		460-50402	460-50059	09/28/2010 00:17	1	TAL EDI	CZ
P:SM 4500 NH3 B	460-18217-F-1-B MSD		460-51554	460-51519	10/08/2010 14:24	1	TAL EDI	IA
A:4500 NH3 H	460-18217-F-1-B MSD		460-51554	460-51519	10/08/2010 17:13	1	TAL EDI	HV
A:D516-90, 02	460-17760-J-3 MSD		460-51232		10/06/2010 16:32	1	TAL EDI	MB
A:SM 4500 NO3 F	460-17952-E-1 MSD		460-50398		09/29/2010 11:31	1	TAL EDI	LE

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

Sample Date/Time: 09/23/2010 12:55 Received Date/Time: 09/24/2010 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:200.7	460-17914-A-6-B DU		460-50967	460-50757	10/01/2010 17:00	1	TAL EDI	TS
A:200.7 Rev 4.4	460-17914-A-6-B DU		460-50967	460-50757	10/04/2010 16:21	1	TAL EDI	VD
P:200.7	460-17835-D-6-B DU		460-51442	460-50758	10/01/2010 17:25	1	TAL EDI	TS
A:200.7 Rev 4.4	460-17835-D-6-B DU		460-51442	460-50758	10/07/2010 19:50	1	TAL EDI	CDC
P:351.2	220-13452-E-1-D DU		220-43647	220-43613	10/08/2010 14:30	1	TAL CT	RN
A:351.2	220-13452-E-1-D DU		220-43647	220-43613	10/11/2010 11:14	1	TAL CT	RN

Client: Delta Consultants

Job Number: 460-17876-1

Laboratory Chronicle

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

Sample Date/Time: 09/23/2010 12:55 Received Date/Time: 09/24/2010 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:200.7	460-17914-A-6-A SD ^5		460-50967	460-50757	10/01/2010 17:00	5	TAL EDI	TS
A:200.7 Rev 4.4	460-17914-A-6-A SD ^5		460-50967	460-50757	10/04/2010 16:56	5	TAL EDI	VD
P:200.7	460-17835-D-6-A SD ^5		460-51442	460-50758	10/01/2010 17:25	5	TAL EDI	TS
A:200.7 Rev 4.4	460-17835-D-6-A SD ^5		460-51442	460-50758	10/07/2010 19:56	5	TAL EDI	CDC

Lab References:

TAL CT = TestAmerica Connecticut

TAL EDI = TestAmerica Edison

Method 624

Volatile Organic Compounds (GC/MS) by Method 624

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
MW-18	460-17876-1	104	94	97
	MB 460-50393/27	103	95	99
	LCS 460-50393/26	99	94	99
MW-18 MS	460-17876-1 MS	100	95	100
MW-18 MSD	460-17876-1 MSD	101	95	97

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Column to be used to flag recovery values

FORM II 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c51909.d

Lab ID: LCS 460-50393/26 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.5	83	0-273	
Bromomethane	20.0	23.7	119	0-242	
Vinyl chloride	20.0	19.1	96	0-251	
Chloroethane	20.0	19.4	97	14-230	
Methylene Chloride	20.0	20.9	104	0-221	
Acetone	20.0	18.6	93	45-156	
Carbon disulfide	20.0	19.7	99	58-139	
1,1-Dichloroethene	20.0	21.9	109	0-234	
1,1-Dichloroethane	20.0	20.6	103	59-155	
trans-1,2-Dichloroethene	20.0	22.2	111	54-156	
cis-1,2-Dichloroethene	20.0	20.4	102	80-120	
Chloroform	20.0	20.6	103	51-138	
1,2-Dichloroethane	20.0	20.6	103	49-155	
2-Butanone	20.0	17.6	88	65-114	
1,1,1-Trichloroethane	20.0	21.2	106	52-162	
Carbon tetrachloride	20.0	22.1	110	70-140	
Bromodichloromethane	20.0	19.6	98	35-155	
1,2-Dichloropropane	20.0	17.6	88	0-210	
cis-1,3-Dichloropropene	20.0	18.3	92	0-227	
Trichloroethene	20.0	21.3	107	71-157	
Dibromochloromethane	20.0	19.7	98	53-149	
1,1,2-Trichloroethane	20.0	18.8	94	52-150	
Benzene	20.0	18.3	92	37-151	
trans-1,3-Dichloropropene	20.0	17.6	88	17-183	
Bromoform	20.0	18.3	91	45-169	
4-Methyl-2-pentanone	20.0	15.0	75	53-120	
2-Hexanone	20.0	14.7	73	53-121	
Tetrachloroethene	20.0	21.1	106	64-148	
1,1,2,2-Tetrachloroethane	20.0	16.8	84	46-157	
Toluene	20.0	18.7	94	47-150	
Chlorobenzene	20.0	20.0	100	37-160	
Ethylbenzene	20.0	19.3	97	37-162	
Styrene	20.0	19.7	98	69-112	
Xylenes, Total	60.0	58.8	98	76-121	
Methyl acetate	20.0	15.3	77	50-151	
Dichlorodifluoromethane	20.0	21.8	109	46-145	
Freon TF	20.0	23.2	116	47-139	
1,2,4-Trichlorobenzene	20.0	17.5	87	66-120	
1,2-Dibromo-3-Chloropropane	20.0	18.3	92	70-116	
1,3-Dichlorobenzene	20.0	19.8	99	59-156	
MTBE	20.0	18.6	93	71-115	
p-Dioxane	3000	2620	87	52-126	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c51909.d

Lab ID: LCS 460-50393/26 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,3-Trichlorobenzene	20.0	18.0	90	76-123	
1,2-Dichlorobenzene	20.0	19.1	95	18-190	
Isopropylbenzene	20.0	20.0	100	80-125	
Methylcyclohexane	20.0	20.0	100	61-129	
Trichlorofluoromethane	20.0	22.6	113	17-181	
Cyclohexane	20.0	18.0	90	58-133	
1,2-Dibromoethane	20.0	19.1	96	78-118	
1,4-Dichlorobenzene	20.0	19.5	97	18-190	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c51914.d

Lab ID: 460-17876-1 MS Client ID: MW-18 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	100	1.0 U	87.6	88	0-273	
Bromomethane	100	1.0 U	121	121	0-242	
Vinyl chloride	100	2.6	112	109	0-251	
Chloroethane	100	1.0 U	118	118	14-230	
Methylene Chloride	100	1.0 U	109	109	0-221	
Acetone	100	45	154	109	45-156	
Carbon disulfide	100	1.0 U	104	104	58-139	
1,1-Dichloroethene	100	1.0 U	117	117	0-234	
1,1-Dichloroethane	100	1.0 U	105	105	59-155	
trans-1,2-Dichloroethene	100	1.0 U	114	114	54-156	
cis-1,2-Dichloroethene	100	78	180	102	80-120	
Chloroform	100	1.0 U	103	103	51-138	
1,2-Dichloroethane	100	1.0 U	107	107	49-155	
2-Butanone	100	10 U	107	107	65-114	
1,1,1-Trichloroethane	100	1.0 U	109	109	52-162	
Carbon tetrachloride	100	1.0 U	113	113	70-140	
Bromodichloromethane	100	1.0 U	98.7	99	35-155	
1,2-Dichloropropane	100	1.0 U	88.3	88	0-210	
cis-1,3-Dichloropropene	100	1.0 U	91.2	91	0-227	
Trichloroethene	100	2.5	101	98	71-157	
Dibromochloromethane	100	1.0 U	100	100	53-149	
1,1,2-Trichloroethane	100	1.0 U	94.6	95	52-150	
Benzene	100	0.15 J	94.0	94	37-151	
trans-1,3-Dichloropropene	100	1.0 U	87.9	88	17-183	
Bromoform	100	1.0 U	92.8	93	45-169	
4-Methyl-2-pentanone	100	10 U	81.5	81	53-120	
2-Hexanone	100	10 U	86.3	86	53-121	
Tetrachloroethene	100	2.4	113	111	64-148	
1,1,2,2-Tetrachloroethane	100	1.0 U	97.3	97	46-157	
Toluene	100	1.8	98.3	97	47-150	
Chlorobenzene	100	2.5	104	102	37-160	
Ethylbenzene	100	6.6	105	98	37-162	
Styrene	100	1.0 U	100	100	69-112	
Xylenes, Total	300	14	315	100	76-121	
Methyl acetate	100	2.0 U	81.4	81	50-151	
Dichlorodifluoromethane	100	1.0 U	116	116	46-145	
Freon TF	100	1.0 U	123	123	47-139	
1,2,4-Trichlorobenzene	100	25	118	94	66-120	
1,2-Dibromo-3-Chloropropane	100	1.0 U	88.7	89	70-116	
1,3-Dichlorobenzene	100	1.0 U	101	101	59-156	
MTBE	100	1.0 U	98.3	98	71-115	
p-Dioxane	15000	1000 U	14000	94	52-126	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c51914.d

Lab ID: 460-17876-1 MS Client ID: MW-18 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2,3-Trichlorobenzene	100	6.9	105	98	76-123	
1,2-Dichlorobenzene	100	2.2	99.3	97	18-190	
Isopropylbenzene	100	1.8	104	102	80-125	
Methylcyclohexane	100	0.57 J	106	105	61-129	
Trichlorofluoromethane	100	1.0 U	120	120	17-181	
Cyclohexane	100	1.0 U	94.3	94	58-133	
1,2-Dibromoethane	100	1.0 U	97.5	98	78-118	
1,4-Dichlorobenzene	100	0.92 J	99.7	99	18-190	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c51915.d

Lab ID: 460-17876-1 MSD Client ID: MW-18 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	100	81.1	81	8	30	0-273	
Bromomethane	100	110	110	10	30	0-242	
Vinyl chloride	100	102	99	9	30	0-251	
Chloroethane	100	96.6	97	20	30	14-230	
Methylene Chloride	100	103	103	5	30	0-221	
Acetone	100	156	111	1	30	45-156	
Carbon disulfide	100	98.2	98	6	30	58-139	
1,1-Dichloroethene	100	108	108	7	30	0-234	
1,1-Dichloroethane	100	97.8	98	7	30	59-155	
trans-1,2-Dichloroethene	100	110	110	3	30	54-156	
cis-1,2-Dichloroethene	100	169	91	6	30	80-120	
Chloroform	100	100	100	3	30	51-138	
1,2-Dichloroethane	100	102	102	6	30	49-155	
2-Butanone	100	105	105	2	30	65-114	
1,1,1-Trichloroethane	100	99.3	99	9	30	52-162	
Carbon tetrachloride	100	111	111	2	30	70-140	
Bromodichloromethane	100	97.3	97	1	30	35-155	
1,2-Dichloropropane	100	85.8	86	3	30	0-210	
cis-1,3-Dichloropropene	100	86.7	87	5	30	0-227	
Trichloroethene	100	94.3	92	7	30	71-157	
Dibromochloromethane	100	97.7	98	3	30	53-149	
1,1,2-Trichloroethane	100	92.2	92	3	30	52-150	
Benzene	100	88.9	89	6	30	37-151	
trans-1,3-Dichloropropene	100	86.4	86	2	30	17-183	
Bromoform	100	95.3	95	3	30	45-169	
4-Methyl-2-pentanone	100	81.5	81	0.007	30	53-120	
2-Hexanone	100	78.3	78	10	30	53-121	
Tetrachloroethene	100	101	98	12	30	64-148	
1,1,2,2-Tetrachloroethane	100	90.8	91	7	30	46-157	
Toluene	100	93.3	92	5	30	47-150	
Chlorobenzene	100	99.3	97	5	30	37-160	
Ethylbenzene	100	101	95	4	30	37-162	
Styrene	100	95.3	95	5	30	69-112	
Xylenes, Total	300	298	95	6	30	76-121	
Methyl acetate	100	71.4	71	13	30	50-151	
Dichlorodifluoromethane	100	99.9	100	15	30	46-145	
Freon TF	100	110	110	11	30	47-139	
1,2,4-Trichlorobenzene	100	111	86	6	30	66-120	
1,2-Dibromo-3-Chloropropane	100	81.2	81	9	30	70-116	
1,3-Dichlorobenzene	100	96.5	97	4	30	59-156	
MTBE	100	95.1	95	3	30	71-115	
p-Dioxane	15000	15300	102	9	30	52-126	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c51915.d

Lab ID: 460-17876-1 MSD Client ID: MW-18 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,3-Trichlorobenzene	100	93.5	87	11	30	76-123	
1,2-Dichlorobenzene	100	95.5	93	4	30	18-190	
Isopropylbenzene	100	98.9	97	5	30	80-125	
Methylcyclohexane	100	92.9	92	13	30	61-129	
Trichlorofluoromethane	100	111	111	8	30	17-181	
Cyclohexane	100	88.8	89	6	30	58-133	
1,2-Dibromoethane	100	92.6	93	5	30	78-118	
1,4-Dichlorobenzene	100	94.3	93	6	30	18-190	

Column to be used to flag recovery and RPD values

FORM III 624

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab File ID: c51912.d Lab Sample ID: MB 460-50393/27

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

Instrument ID: VOAMS3 Date Analyzed: 09/29/2010 22:50

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-50393/26	c51909.d	09/29/2010 21:38
MW-18	460-17876-1	c51913.d	09/29/2010 23:14
MW-18 MS	460-17876-1 MS	c51914.d	09/29/2010 23:37
MW-18 MSD	460-17876-1 MSD	c51915.d	09/30/2010 00:01

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab File ID: c51555.d BFB Injection Date: 09/22/2010

Instrument ID: VOAMS3 BFB Injection Time: 02:09

Analysis Batch No.: 49608

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.7	
75	30.0 - 60.0 % of mass 95	47.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.6	(0.9)1
174	50.0 - 120.00 % of mass 95	63.9	
175	5.0 - 9.0 % of mass 174	4.8	(7.4)1
176	95.0 - 101.0 % of mass 174	62.2	(97.3)1
177	5.0 - 9.0 % of mass 176	4.6	(7.4)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 460-49608/2	c51559.d	09/22/2010	03:45
	IC 460-49608/3	c51561.d	09/22/2010	04:33
	ICIS 460-49608/4	c51563.d	09/22/2010	05:20
	IC 460-49608/5	c51564.d	09/22/2010	05:44
	IC 460-49608/6	c51565.d	09/22/2010	06:08
	IC 460-49608/7	c51566.d	09/22/2010	06:32

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab File ID: c51879.d BFB Injection Date: 09/29/2010

Instrument ID: VOAMS3 BFB Injection Time: 09:13

Analysis Batch No.: 50393

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.8	
75	30.0 - 60.0 % of mass 95	50.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.6	
173	Less than 2.0 % of mass 174	0.3	(0.5)1
174	50.0 - 120.00 % of mass 95	67.3	
175	5.0 - 9.0 % of mass 174	5.7	(8.5)1
176	95.0 - 101.0 % of mass 174	64.6	(96.0)1
177	5.0 - 9.0 % of mass 176	5.2	(8.0)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 460-50393/2	c51880.d	09/29/2010	09:33
	LCS 460-50393/26	c51909.d	09/29/2010	21:38
	MB 460-50393/27	c51912.d	09/29/2010	22:50
MW-18	460-17876-1	c51913.d	09/29/2010	23:14
MW-18 MS	460-17876-1 MS	c51914.d	09/29/2010	23:37
MW-18 MSD	460-17876-1 MSD	c51915.d	09/30/2010	00:01

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Sample No.: CCVIS 460-50393/2 Date Analyzed: 09/29/2010 09:33

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): c51880.d Heated Purge: (Y/N) N

Calibration ID: 7839

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		652698	5.96	452184	8.83	223182	10.58
UPPER LIMIT		1305396	6.46	904368	9.33	446364	11.08
LOWER LIMIT		326349	5.46	226092	8.33	111591	10.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-50393/26		612871	5.96	430652	8.83	206108	10.58
MB 460-50393/27		570078	5.96	397123	8.83	187395	10.58
460-17876-1	MW-18	552218	5.96	398025	8.83	189266	10.58
460-17876-1 MS	MW-18 MS	603216	5.96	427093	8.83	204027	10.58
460-17876-1 MSD	MW-18 MSD	618143	5.96	434658	8.83	212165	10.58

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

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

Column used to flag values outside QC limits

FORM VIII 624

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 Lab Sample ID: 460-17876-1

Matrix: WG Lab File ID: c51913.d

Analysis Method: 624 Date Collected: 09/22/2010 13:40

Sample wt/vol: 5(mL) Date Analyzed: 09/29/2010 23:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 50393 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	2.6		1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	45		10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	78		1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	2.5		1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	0.15	J	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	2.4		1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.8		1.0	0.090
108-90-7	Chlorobenzene	2.5		1.0	0.16
100-41-4	Ethylbenzene	6.6		1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	14		3.0	0.43
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-17876-1

Matrix: WG | Lab File ID: c51913.d

Analysis Method: 624 | Date Collected: 09/22/2010 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/29/2010 23:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 50393 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	1.0	U	1.0	0.28
120-82-1	1,2,4-Trichlorobenzene	25		1.0	0.44
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
1634-04-4	MTBE	1.0	U	1.0	0.18
123-91-1	p-Dioxane	1000	U	1000	86
87-61-6	1,2,3-Trichlorobenzene	6.9		1.0	0.83
95-50-1	1,2-Dichlorobenzene	2.2		1.0	0.16
98-82-8	Isopropylbenzene	1.8		1.0	0.21
108-87-2	Methylcyclohexane	0.57	J	1.0	0.090
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.13
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	0.92	J	1.0	0.15

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
2037-26-5	Toluene-d8 (Surr)	94	69-125	
460-00-4	Bromofluorobenzene	97	69-135	

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

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-17876-1

Matrix: WG | Lab File ID: c51913.d

Analysis Method: 624 | Date Collected: 09/22/2010 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/29/2010 23:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 50393 | Units: ug/L

Number TICs Found: 9 | TIC Result Total: 97.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethylmethylbenzene isomer	10.17	7.3	J
95-63-6	1,2,4-Trimethylbenzene	10.29	13	
	Unknown Aromatic	10.75	16	J
	Unknown Aromatic-1	10.91	5.8	J
	C10H12 Aromatic	11.14	7.5	J
	Tetramethylbenzene isomer	11.37	9.3	J
	Unknown Aromatic-3	11.72	17	J
91-20-3	Naphthalene	12.33	15	
	Methylnaphthalene isomer	13.84	6.3	J

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51913.d
Report Date: 30-Sep-2010 13:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51913.d
Lab Smp Id: 460-17876-A-1 Client Smp ID: MW-18
Inj Date : 29-SEP-2010 23:14
Operator : Inst ID: VOAMS3.i
Smp Info : 460-17876-A-1
Misc Info : 460-17876-A-1
Comment :
Method : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/624_09.m
Meth Date : 29-Sep-2010 09:52 desais Quant Type: ISTD
Cal Date : 22-SEP-2010 06:32 Cal File: c51566.d
Als bottle: 34
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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)
	3 Vinyl Chloride	62	1.820	1.820	(0.305)	8370	2.63824	2.6
	24 Acetone	58	3.030	3.030	(0.509)	11173	45.0429	45
	36 cis-1,2-Dichloroethene	96	4.709	4.709	(0.791)	196873	77.6260	78
	48 Benzene	78	5.616	5.616	(0.636)	1663	0.15299	0.15
$	49 1,2-Dichloroethane-d4 (SUR)	65	5.640	5.640	(0.947)	152452	51.7654	52
*	52 Fluorobenzene	96	5.956	5.956	(1.000)	552218	50.0000	
	55 Trichloroethene	95	6.352	6.358	(1.066)	6205	2.54920	2.5
	54 Methyl cyclohexane	83	6.480	6.486	(1.088)	2058	0.56798	0.57
$	66 Toluene-d8 (SUR)	98	7.569	7.575	(0.857)	432580	46.8163	47
	67 Toluene	91	7.629	7.636	(0.864)	20104	1.80186	1.8
	69 Tetrachloroethene	166	8.092	8.092	(0.916)	4606	2.43939	2.4
*	77 Chlorobenzene-d5	117	8.834	8.834	(1.000)	398025	50.0000	
	78 Chlorobenzene	112	8.852	8.852	(1.002)	15588	2.51272	2.5
	79 Ethylbenzene	106	8.907	8.913	(1.008)	22990	6.64207	6.6
	81 m+p-Xylene	106	9.004	9.004	(1.019)	17246	4.06390	4.1
	82 o-Xylene	106	9.321	9.321	(1.055)	41899	9.91508	9.9

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51913.d
Report Date: 30-Sep-2010 13:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	86 Isopropylbenzene	105	9.582	9.582	(1.085)	16814	1.77072	1.8
$	89 Bromofluorobenzene (SUR)	174	9.746	9.747	(0.921)	130602	48.6430	49
	91 n-Propylbenzene	91	9.886	9.893	(0.934)	18443	1.39125	1.4
	96 1,3,5-Trimethylbenzene	105	10.020	10.020	(0.947)	49649	5.53730	5.5
	100 1,2,4-Trimethylbenzene	105	10.294	10.294	(0.973)	123359	13.3613	13
	101 sec-Butylbenzene	105	10.410	10.404	(0.984)	10255	0.96190	0.96
	103 p-Isopropyltoluene	119	10.507	10.501	(0.993)	10828	1.26743	1.3
*	105 1,4-Dichlorobenzene-d4	152	10.580	10.580	(1.000)	189266	50.0000	
	106 1,4-Dichlorobenzene	146	10.598	10.598	(1.002)	4223	0.91804	0.92
	111 1,2-Dichlorobenzene	146	10.866	10.866	(1.027)	9469	2.23180	2.2
	113 1,2,4-Trichlorobenzene	180	12.083	12.089	(1.142)	54121	24.6746	25
	116 Naphthalene	128	12.332	12.332	(1.166)	88788	15.0318	15
	117 1,2,3-Trichlorobenzene	180	12.569	12.569	(1.188)	11738	6.86400	6.9
M	120 1,2-Dichloroethene (Total)	100				196873	75.4528	75
M	121 Xylene (Total)	100				59145	13.9568	14

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51913.d
Report Date: 30-Sep-2010 13:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51913.d
Lab Smp Id: 460-17876-A-1 Client Smp ID: MW-18
Inj Date : 29-SEP-2010 23:14
Operator : Inst ID: VOAMS3.i
Smp Info : 460-17876-A-1
Misc Info : 460-17876-A-1
Comment :
Method : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/624_09.m
Meth Date : 29-Sep-2010 09:52 desais Quant Type: ISTD
Cal Date : 22-SEP-2010 06:32 Cal File: c51566.d
Als bottle: 34
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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

ISTD	RT	AREA	AMOUNT
* 105 1,4-Dichlorobenzene-d4	10.580	1653172	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer					CAS #:		
10.172	239781	7.25214545	7.2	0	0		105
Unknown Aromatic					CAS #:		
10.750	517949	15.6652917	16	0	0		105
Unknown Aromatic-1					CAS #:		
10.915	191869	5.80306096	5.8	0	0		105

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51913.d
Report Date: 30-Sep-2010 13:21

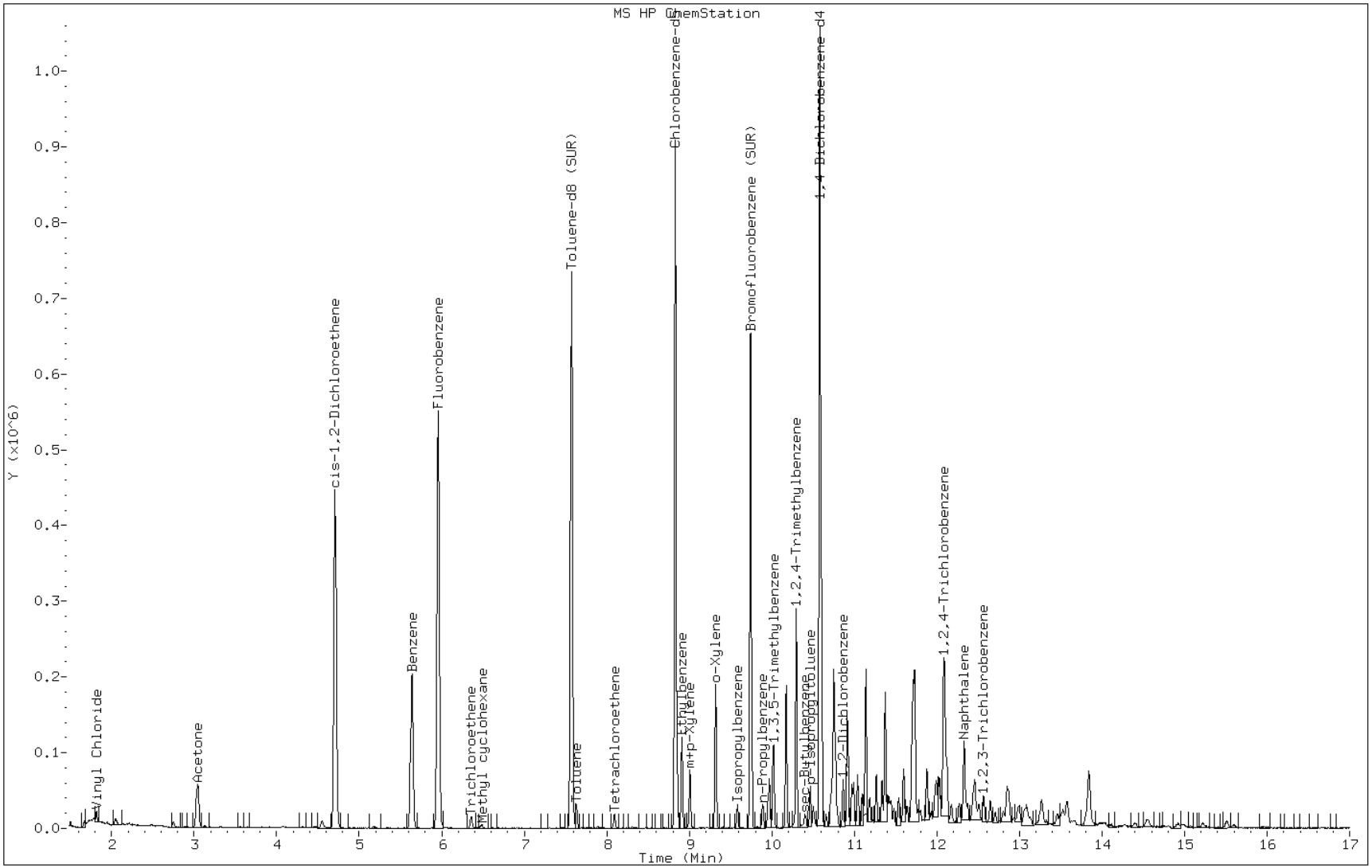
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
C10H12 Aromatic					CAS #:		
11.140	247926	7.49848926	7.5	0		0	105
Tetramethylbenzene isomer					CAS #:		
11.371	307408	9.29751113	9.3	0		0	105
Unknown Aromatic-3					CAS #:		
11.724	562804	17.0219324	17	0		0	105
Tetrahydromethylnaphthalene isomer					CAS #:		
12.460	172426	5.21501515	5.2	0		0	105
Methylnaphthalene isomer					CAS #:		
13.841	209313	6.33065511	6.3	0		0	105

Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:



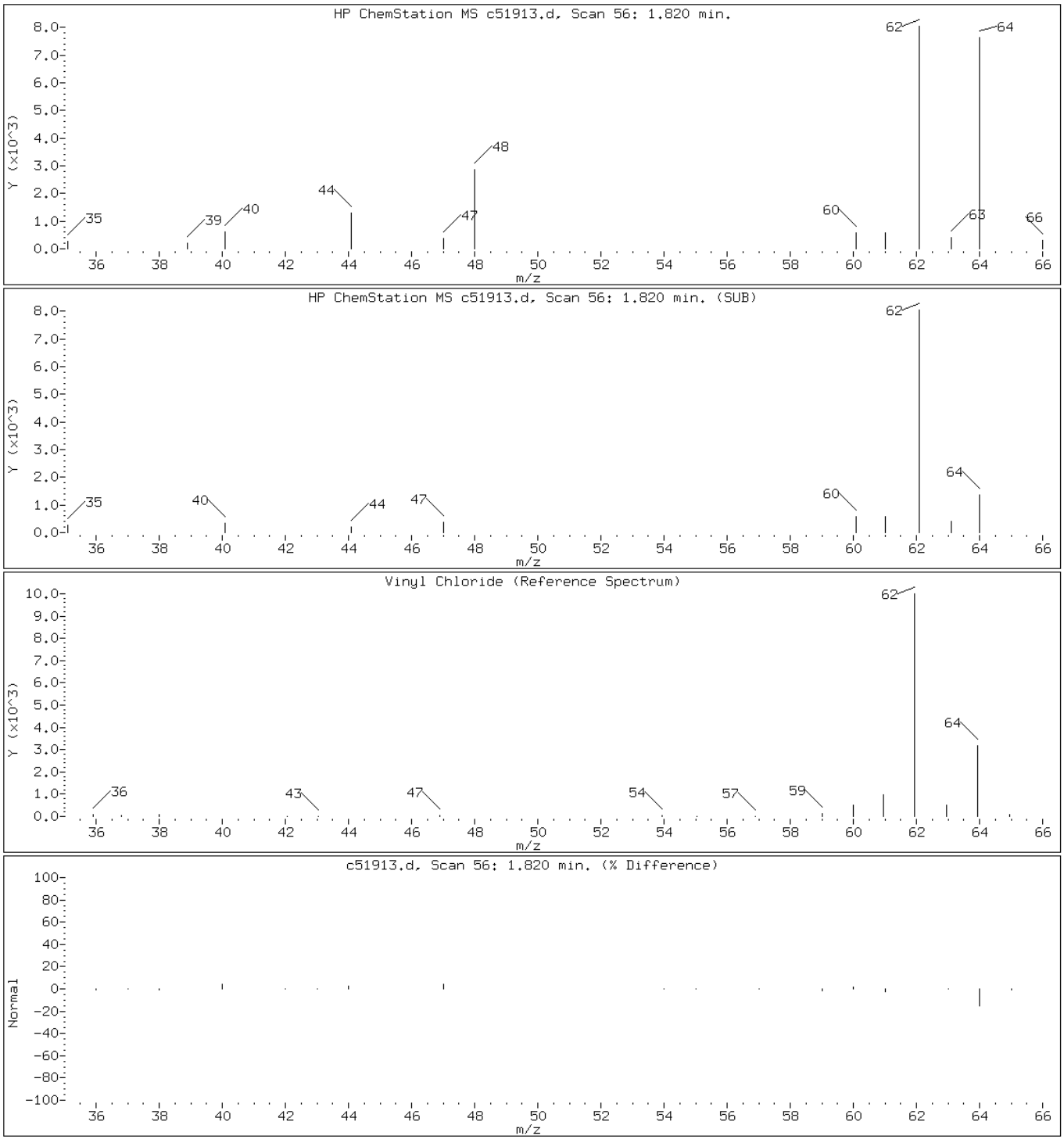
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

3 Vinyl Chloride



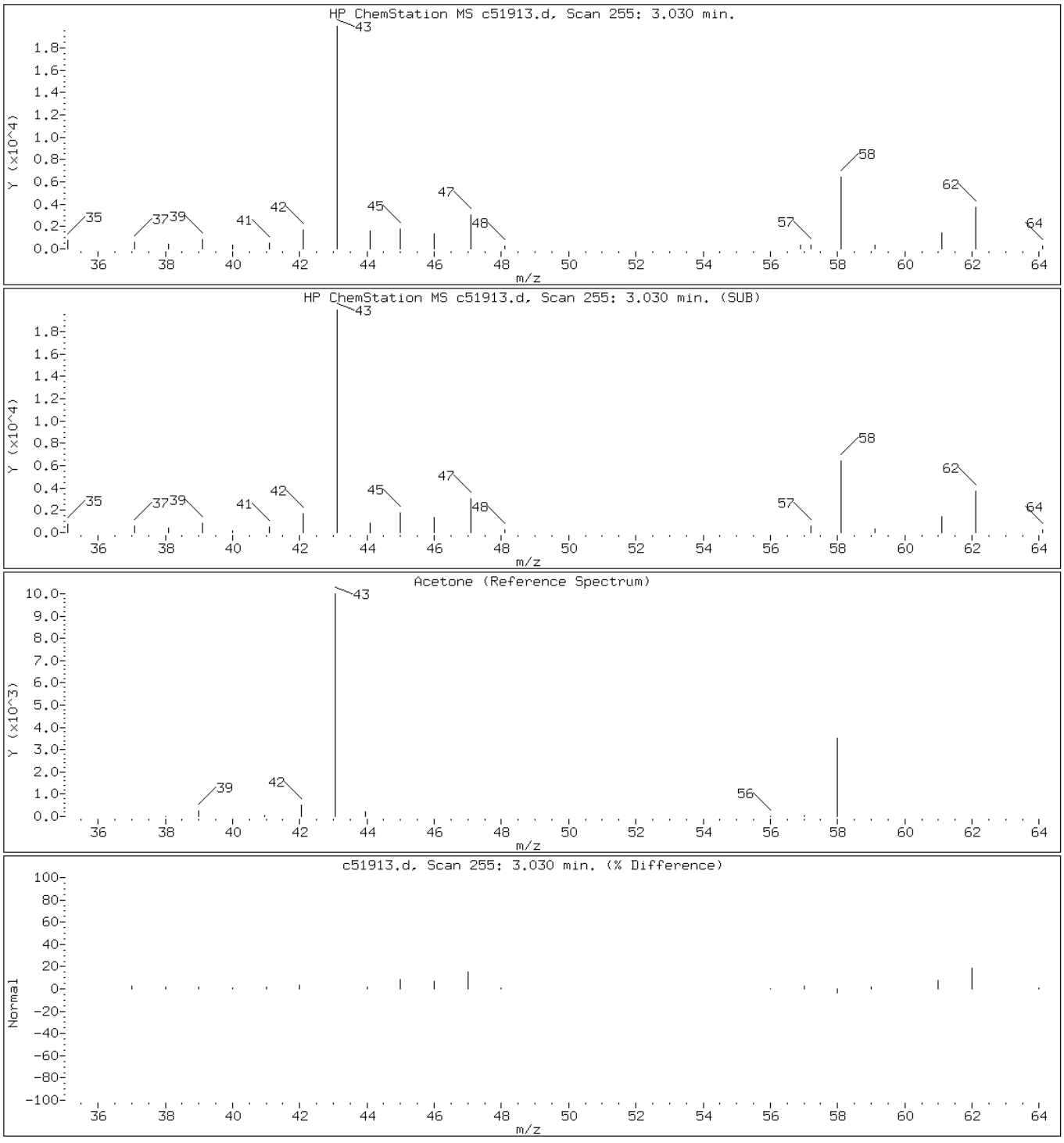
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

24 Acetone



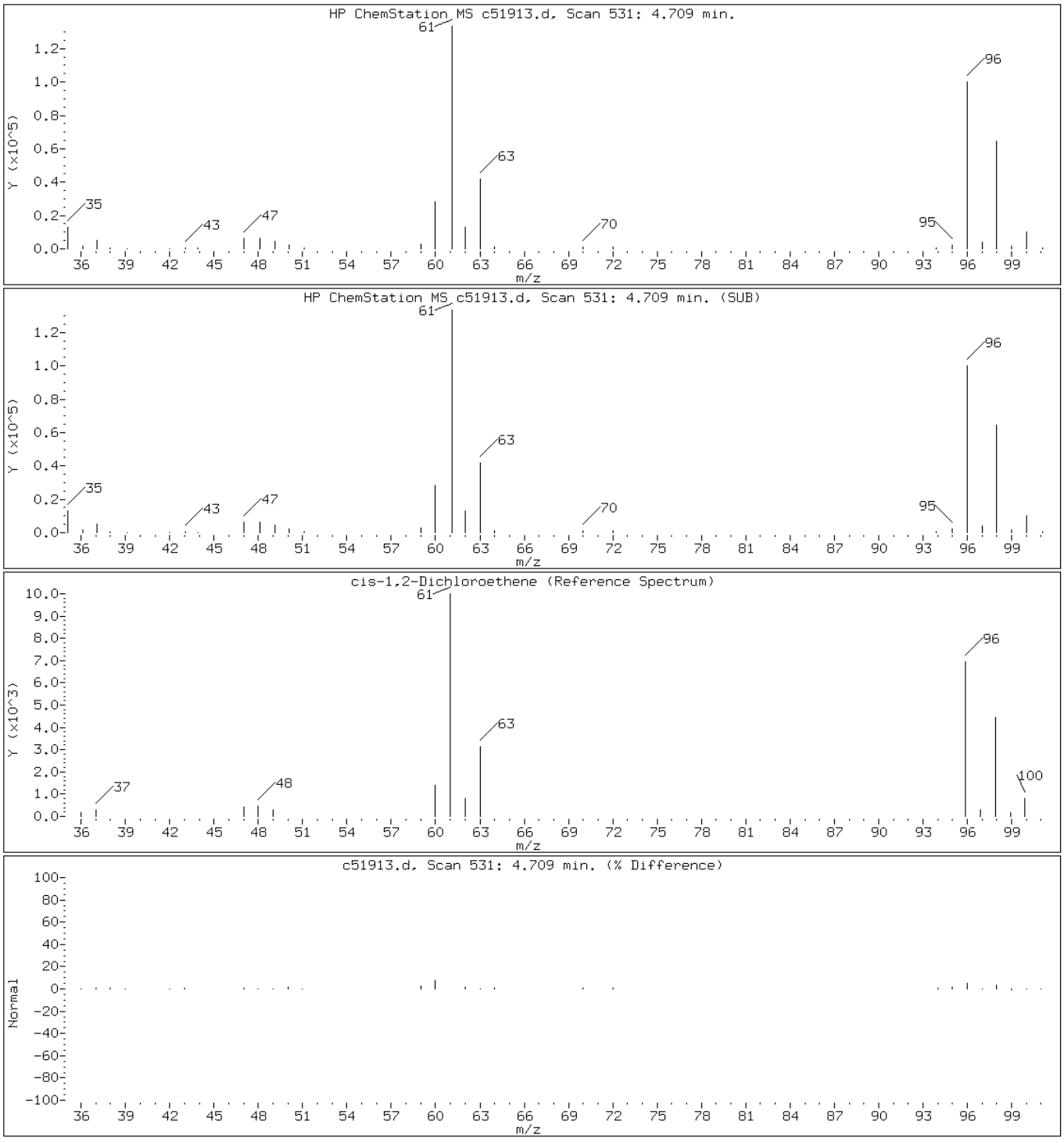
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

36 cis-1,2-Dichloroethene



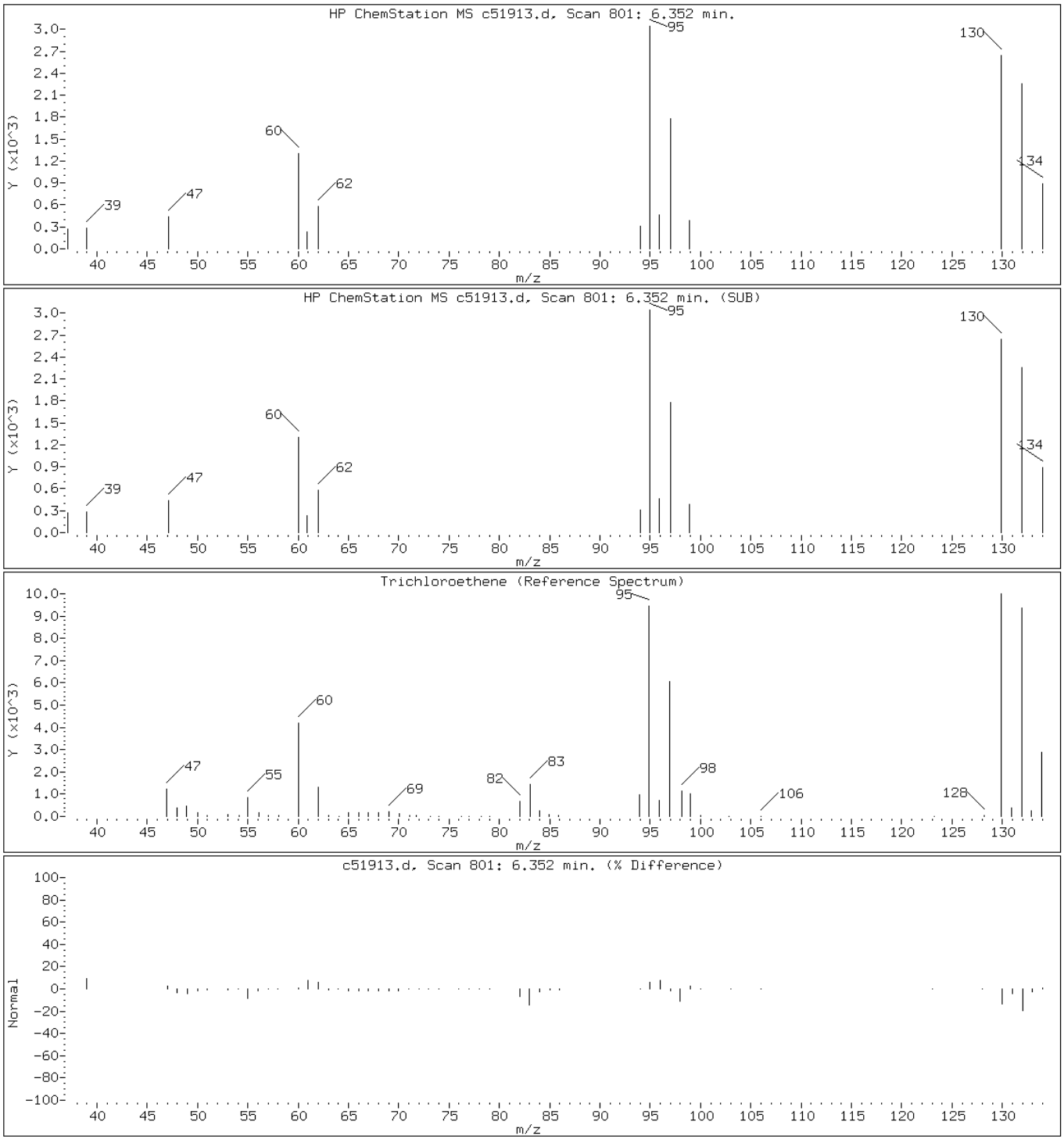
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

55 Trichloroethene



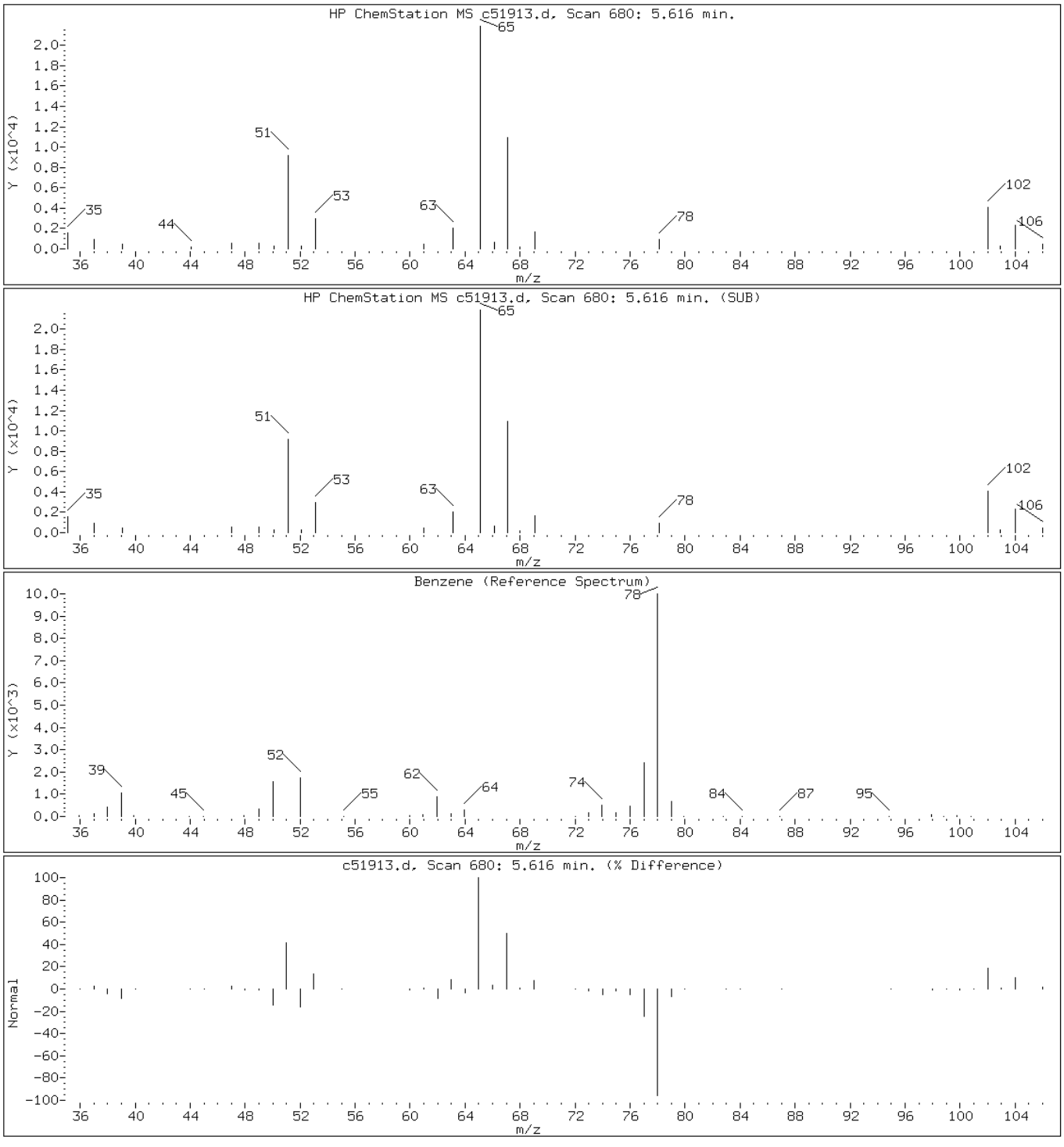
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

48 Benzene



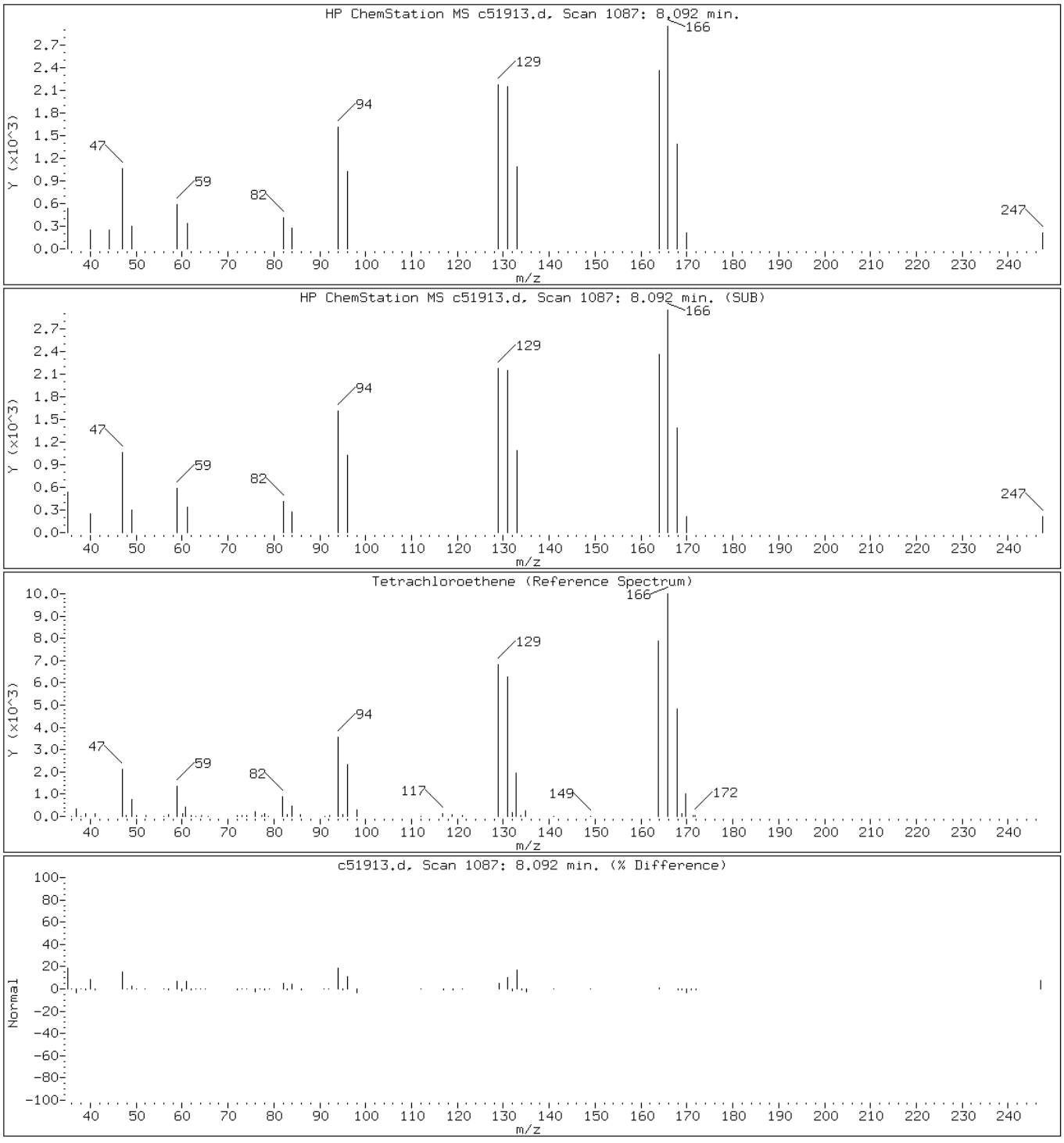
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

69 Tetrachloroethene



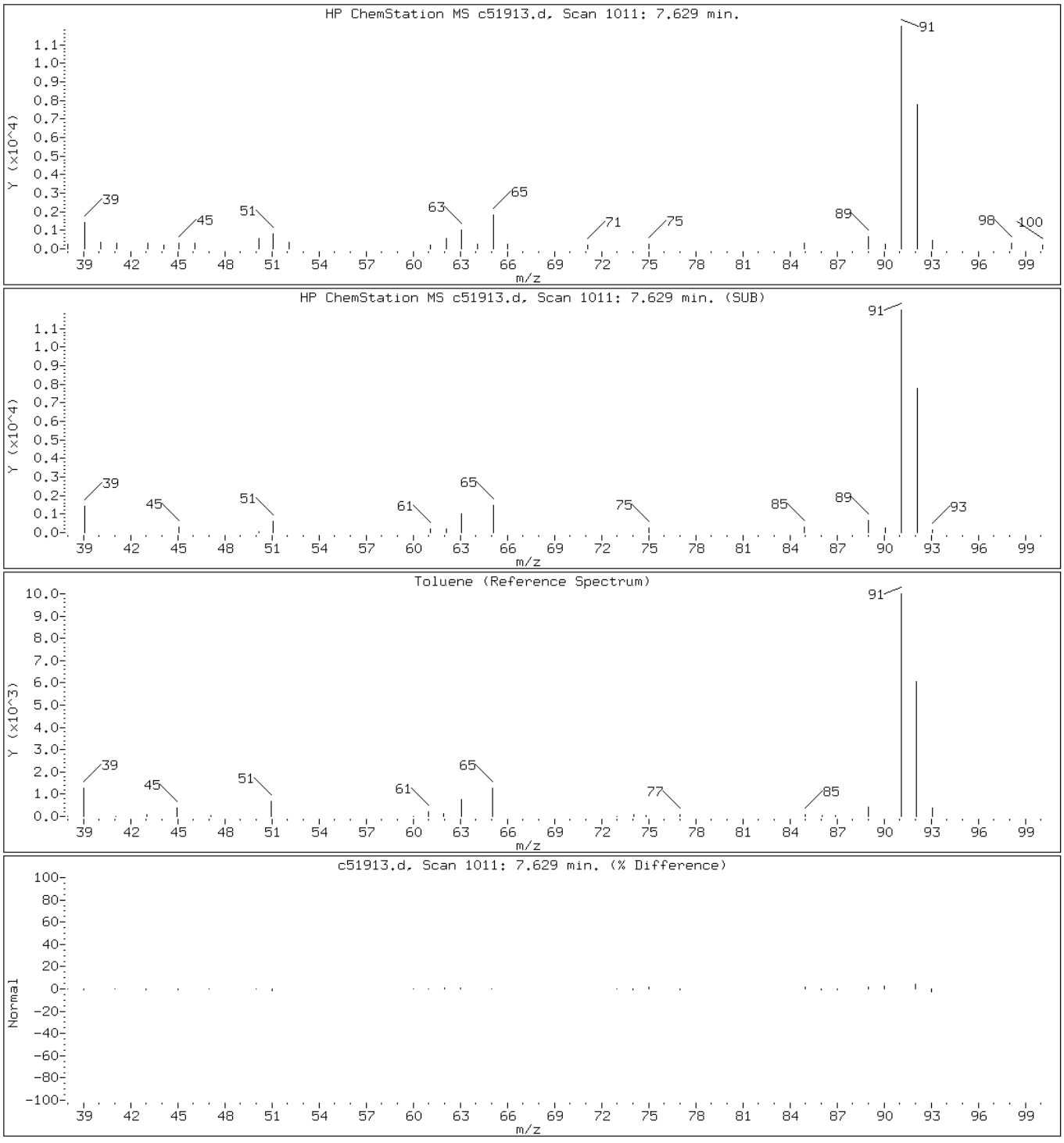
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

67 Toluene



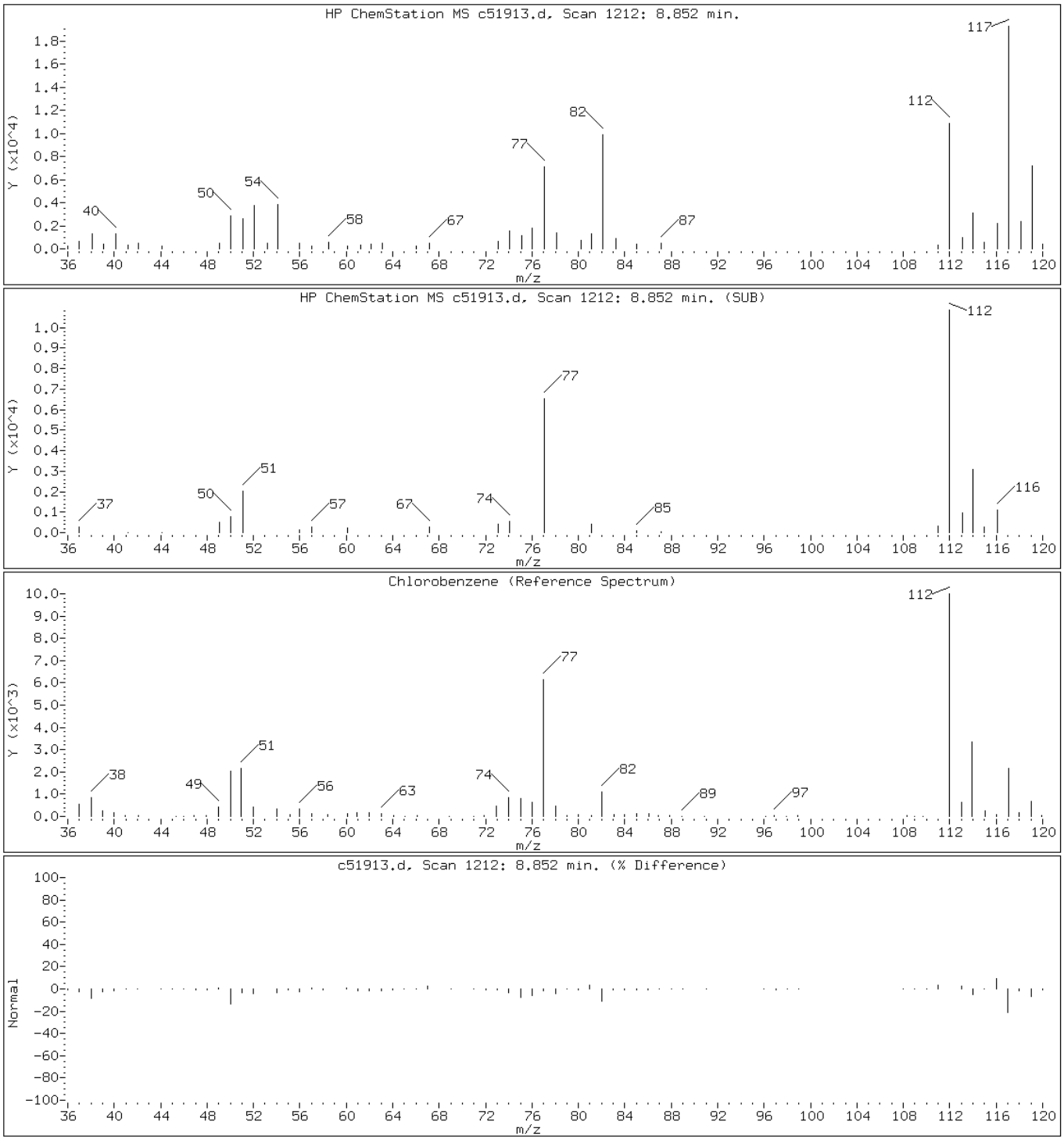
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

78 Chlorobenzene



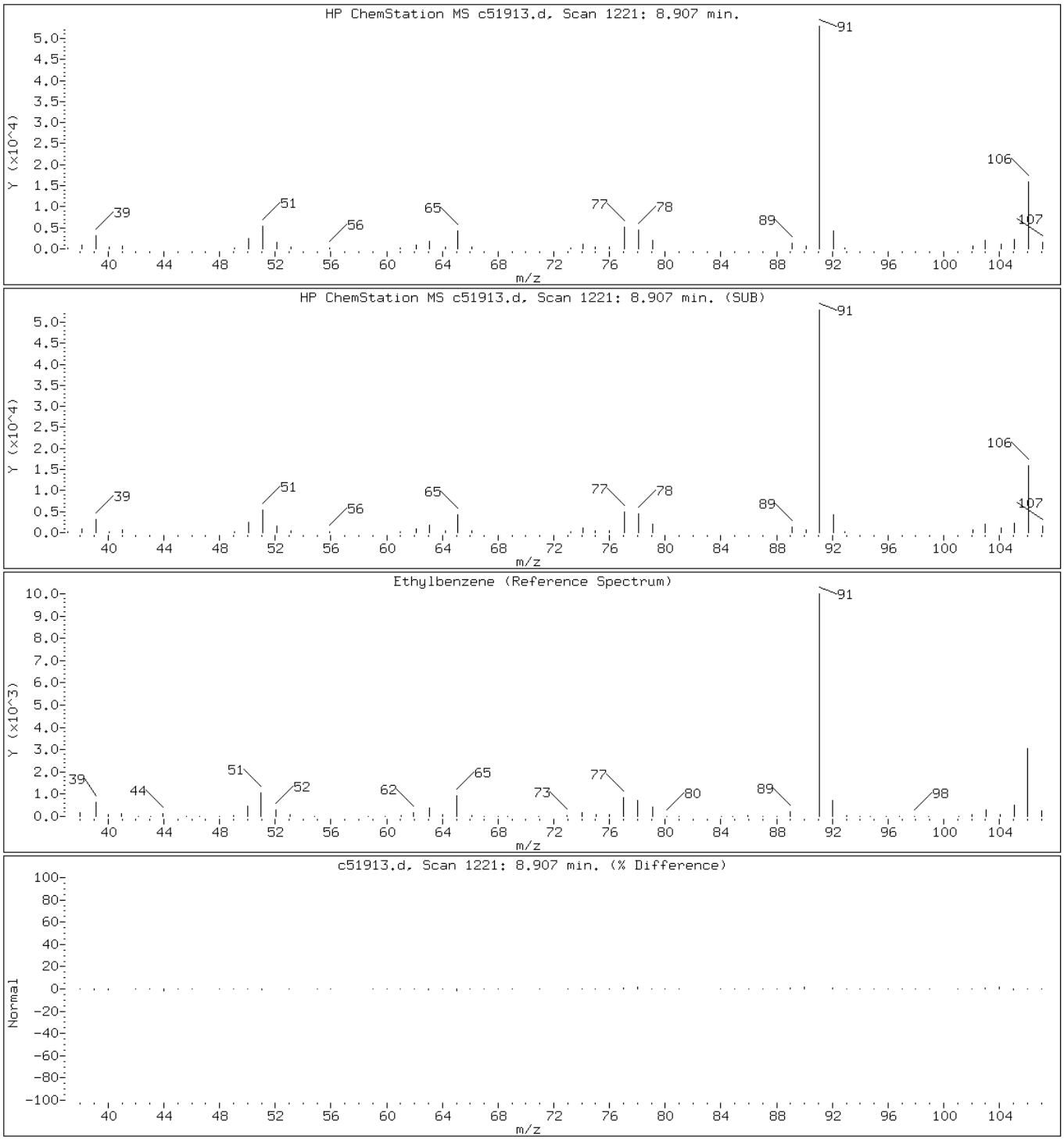
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

79 Ethylbenzene



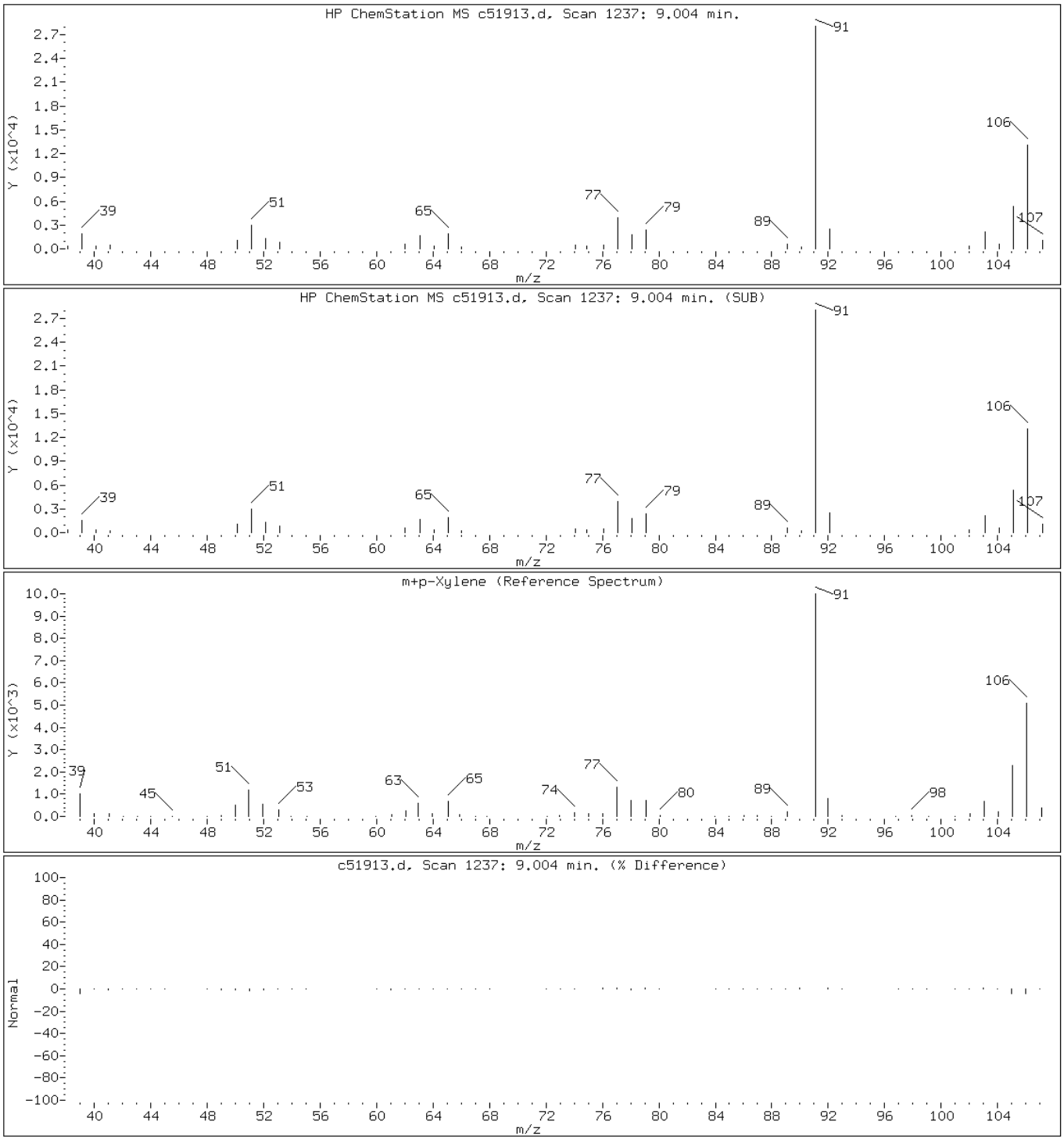
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

81 m+p-Xylene



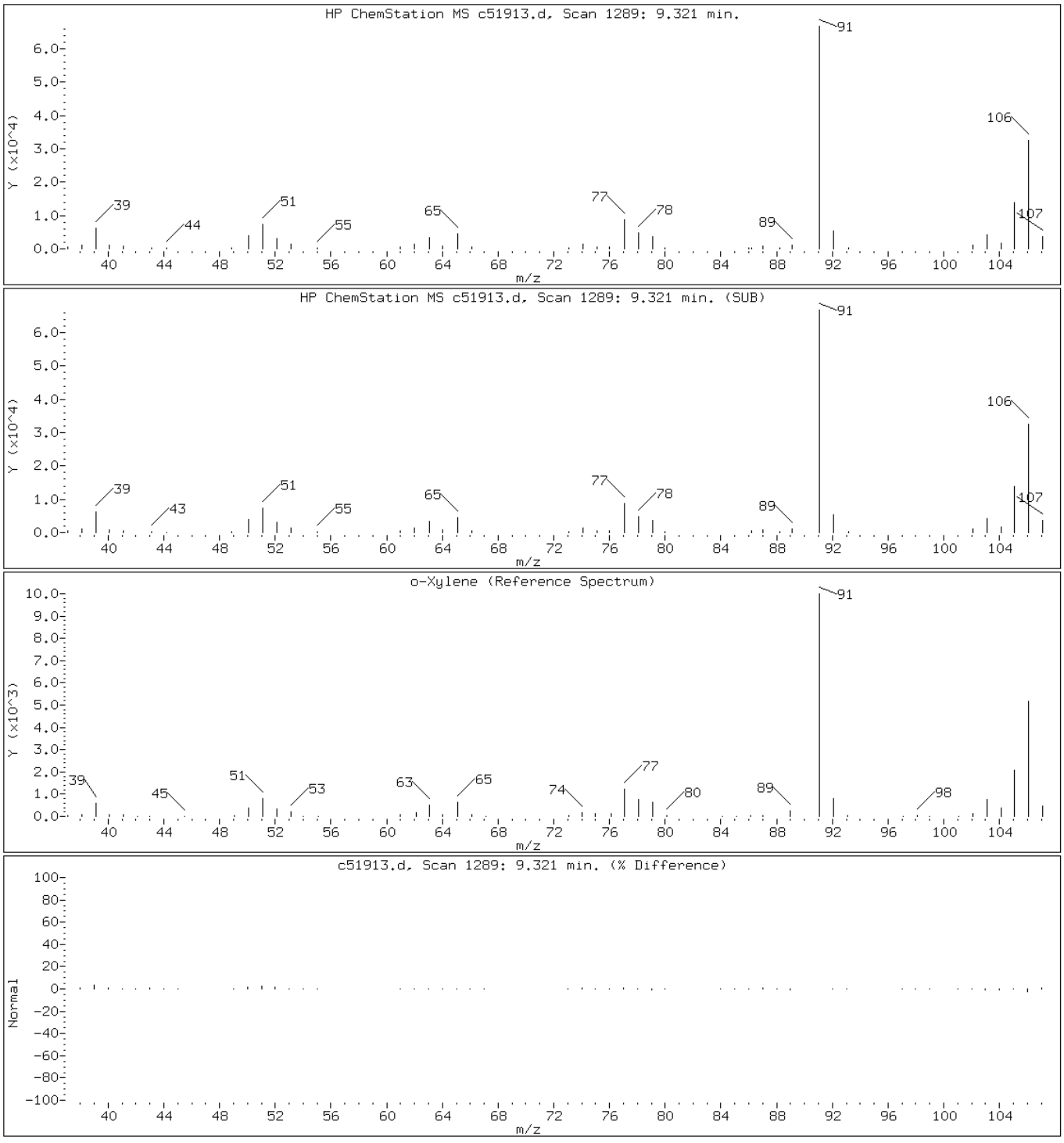
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

82 o-Xylene



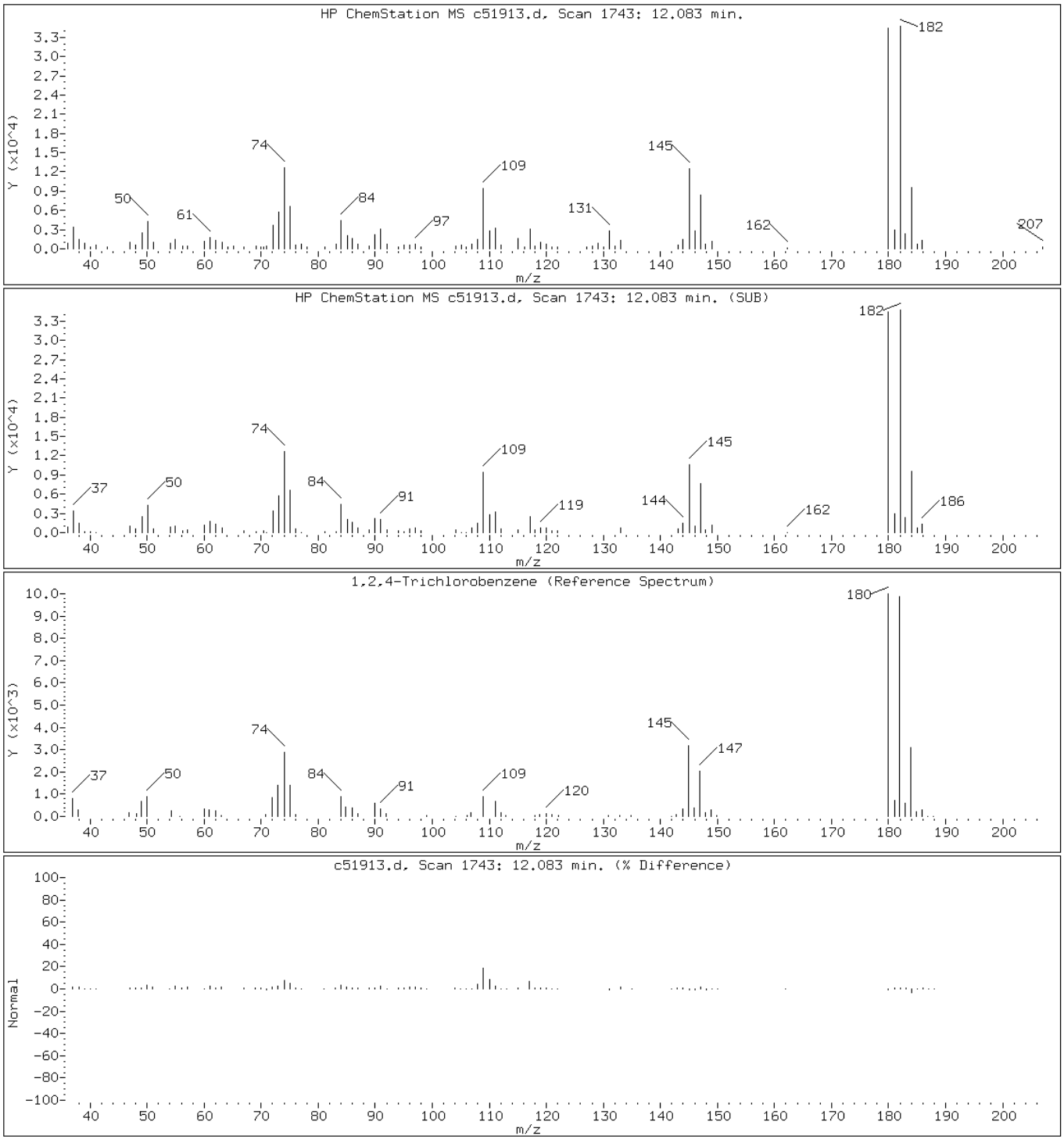
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

113 1,2,4-Trichlorobenzene



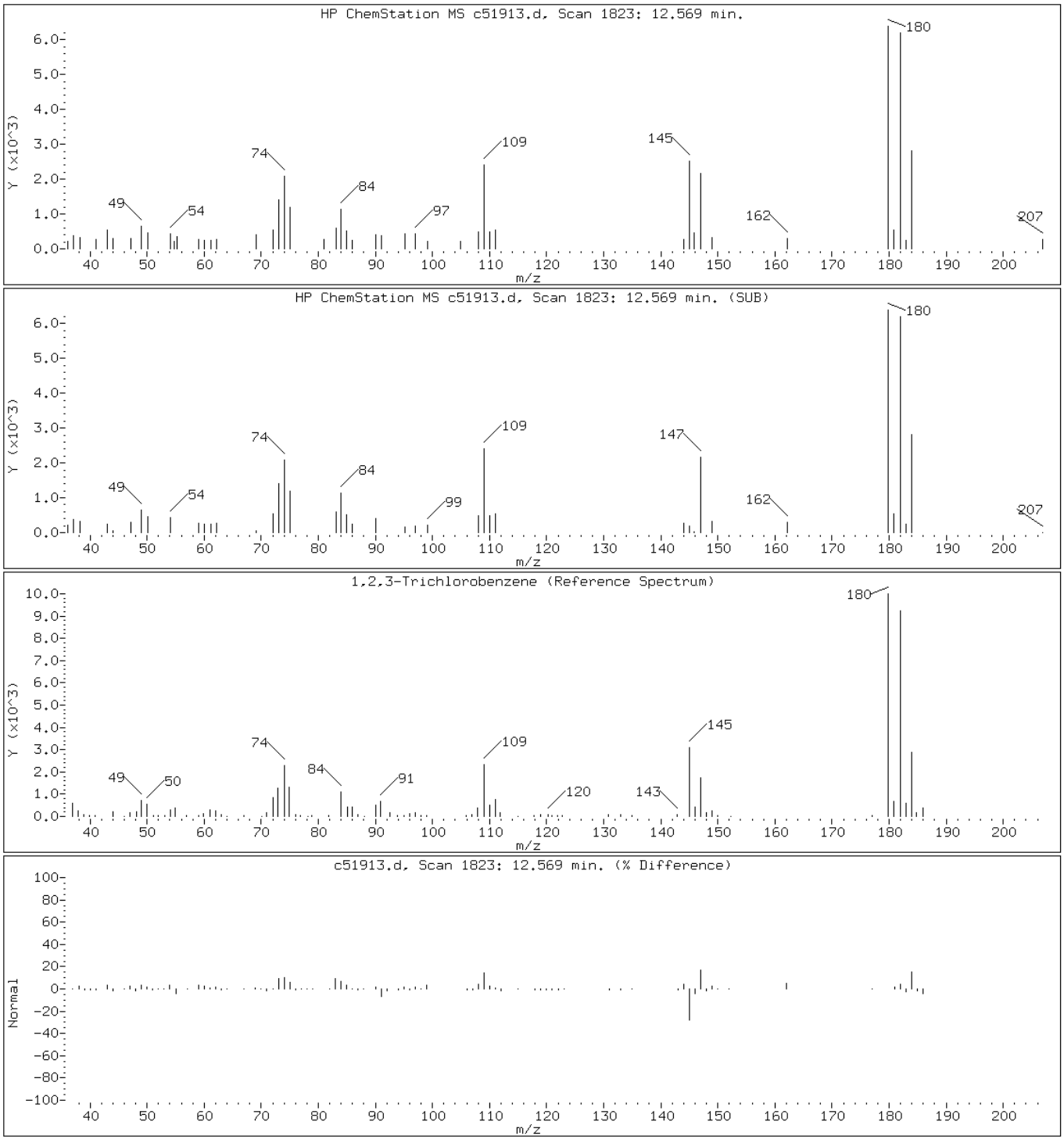
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

117 1,2,3-Trichlorobenzene



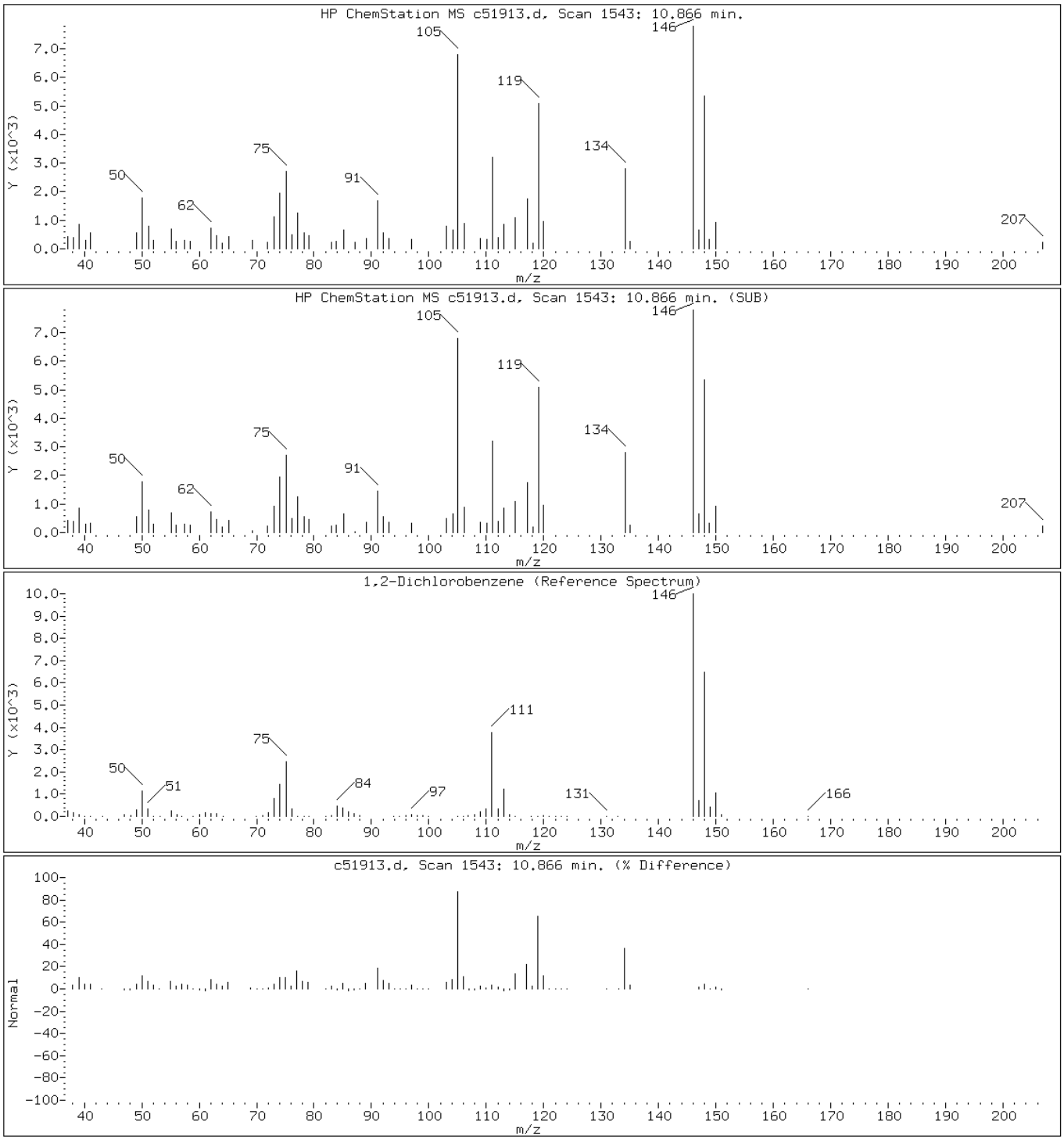
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

111 1,2-Dichlorobenzene



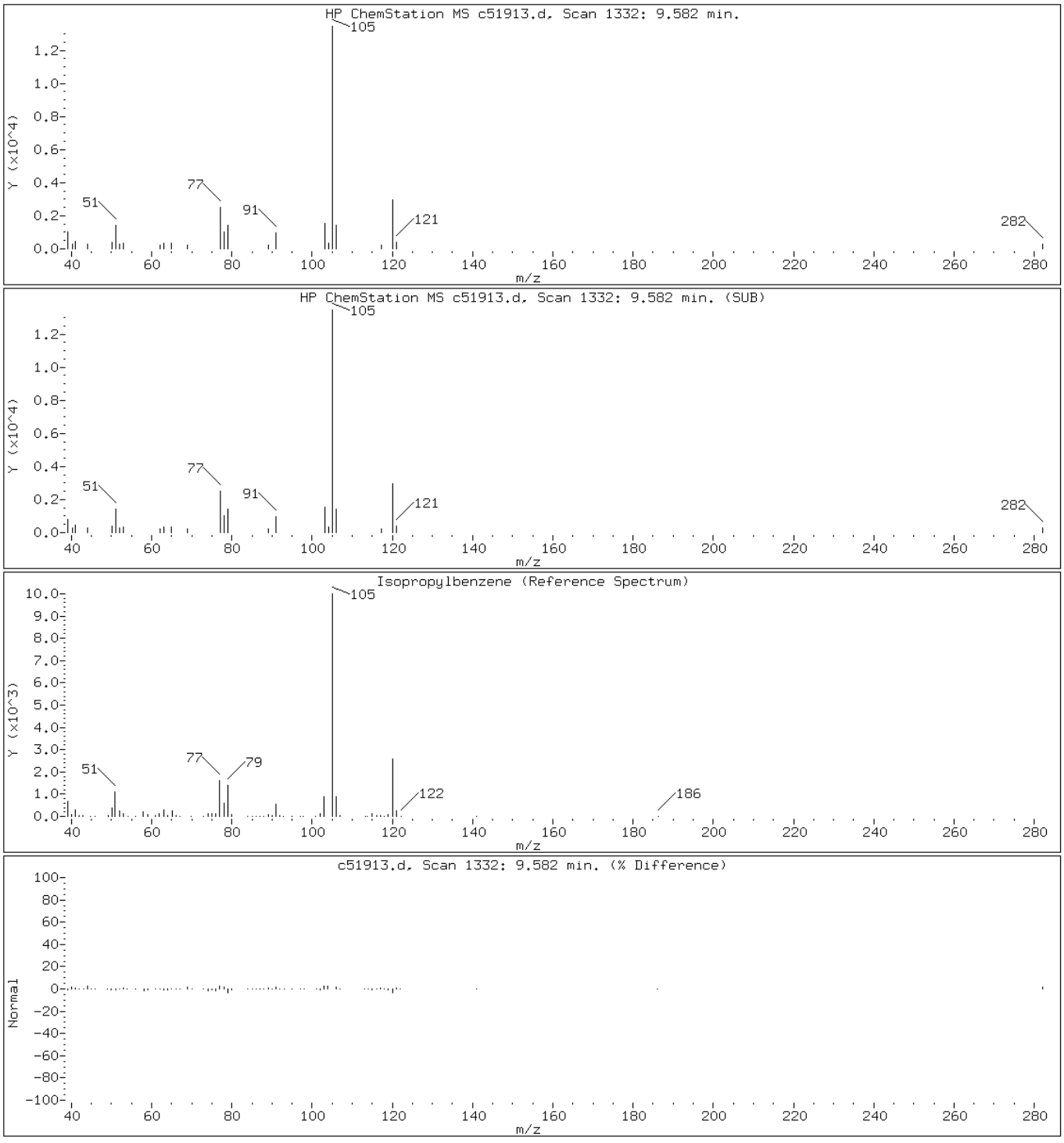
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

86 Isopropylbenzene



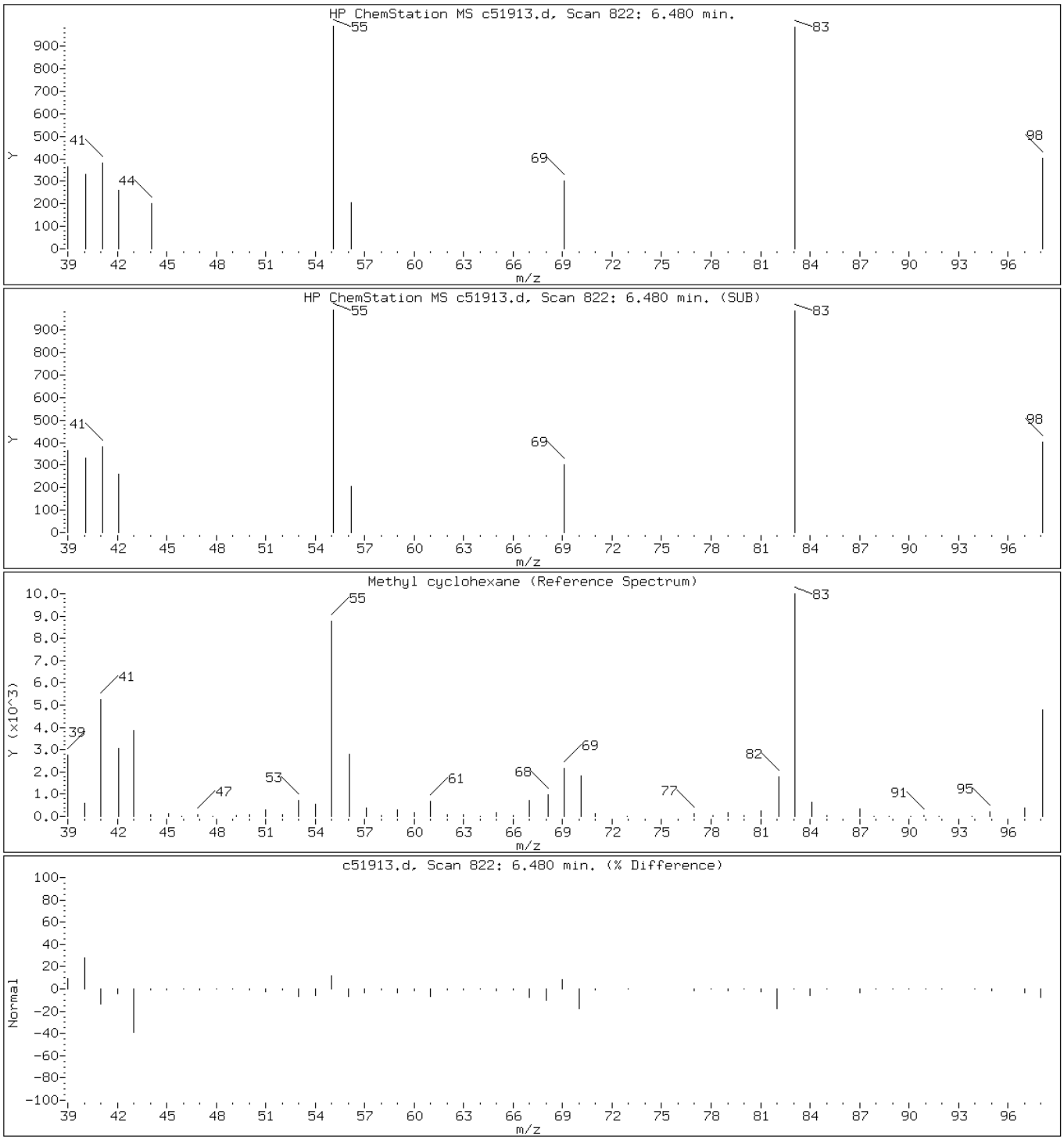
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

54 Methyl cyclohexane



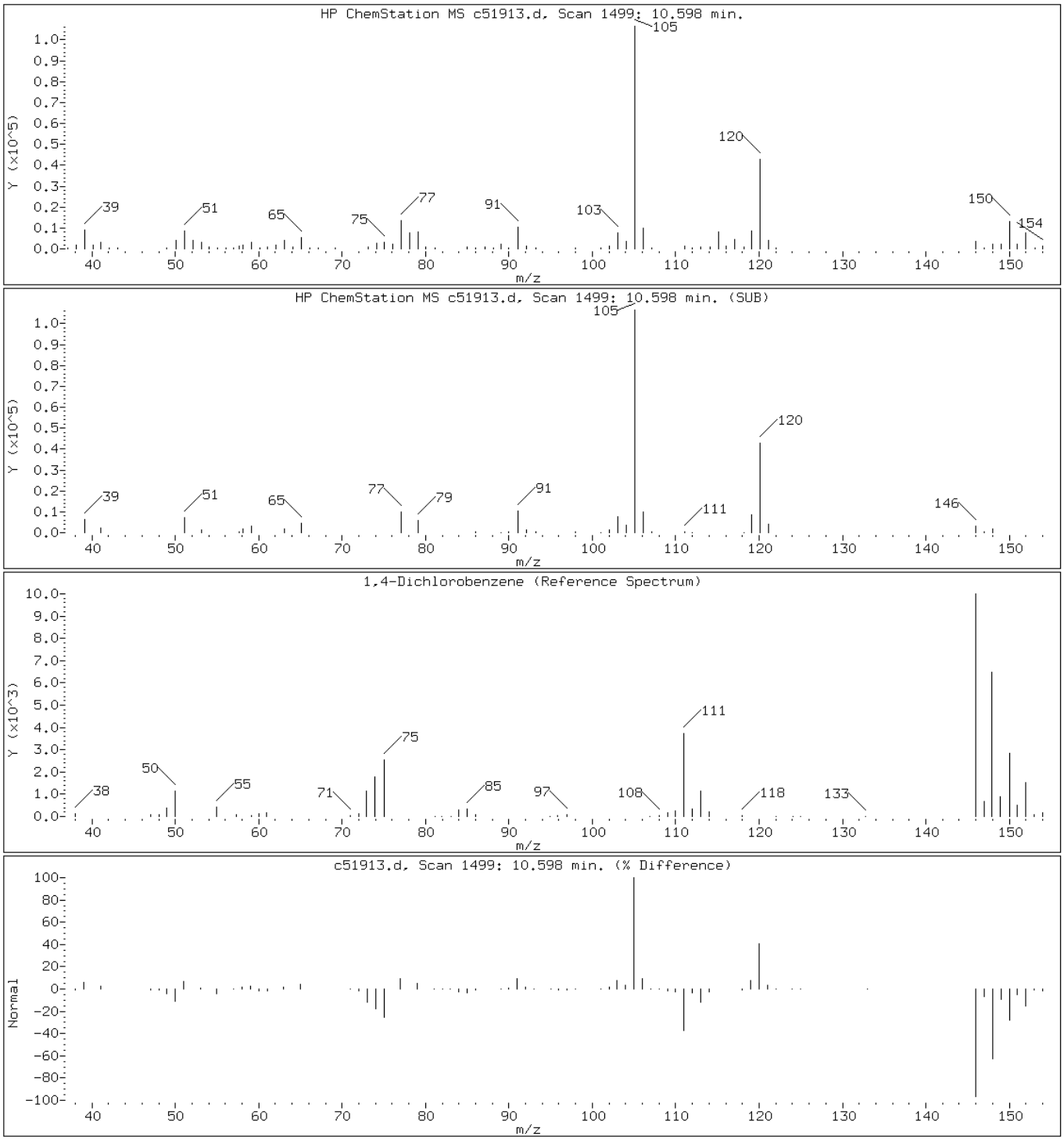
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

106 1,4-Dichlorobenzene



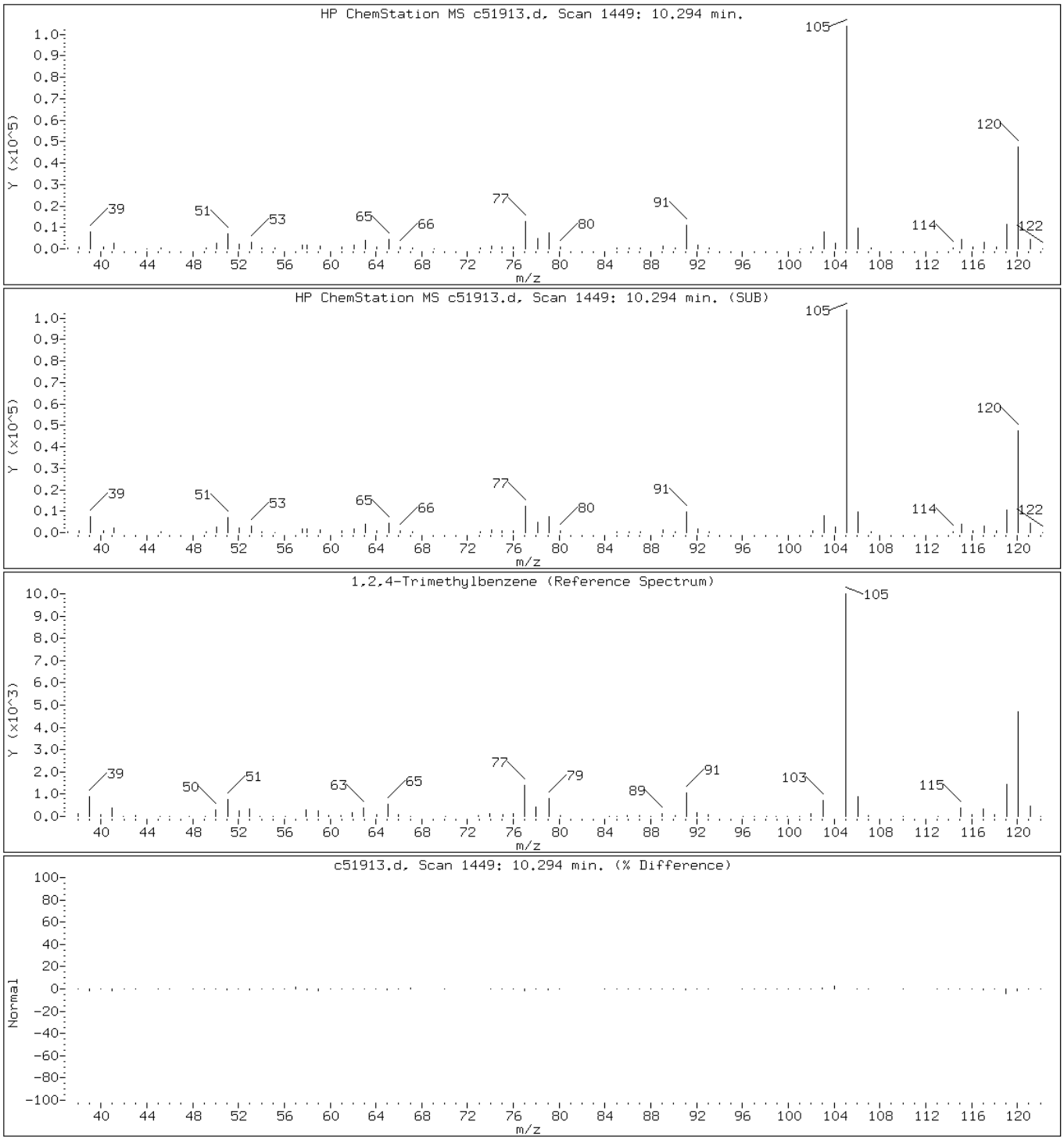
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

100 1,2,4-Trimethylbenzene



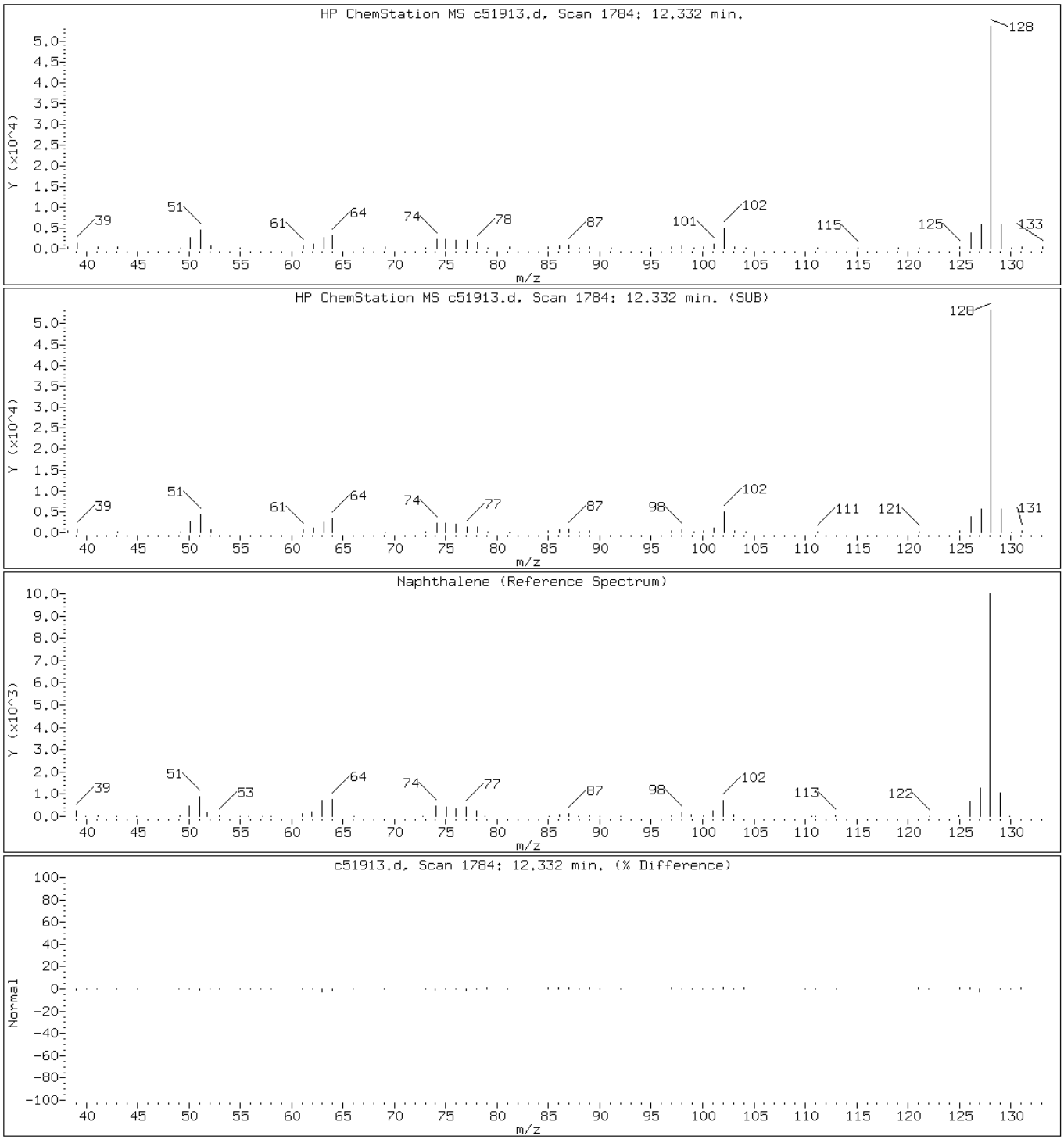
Data File: c51913.d

Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

116 Naphthalene



Data File: c51913.d

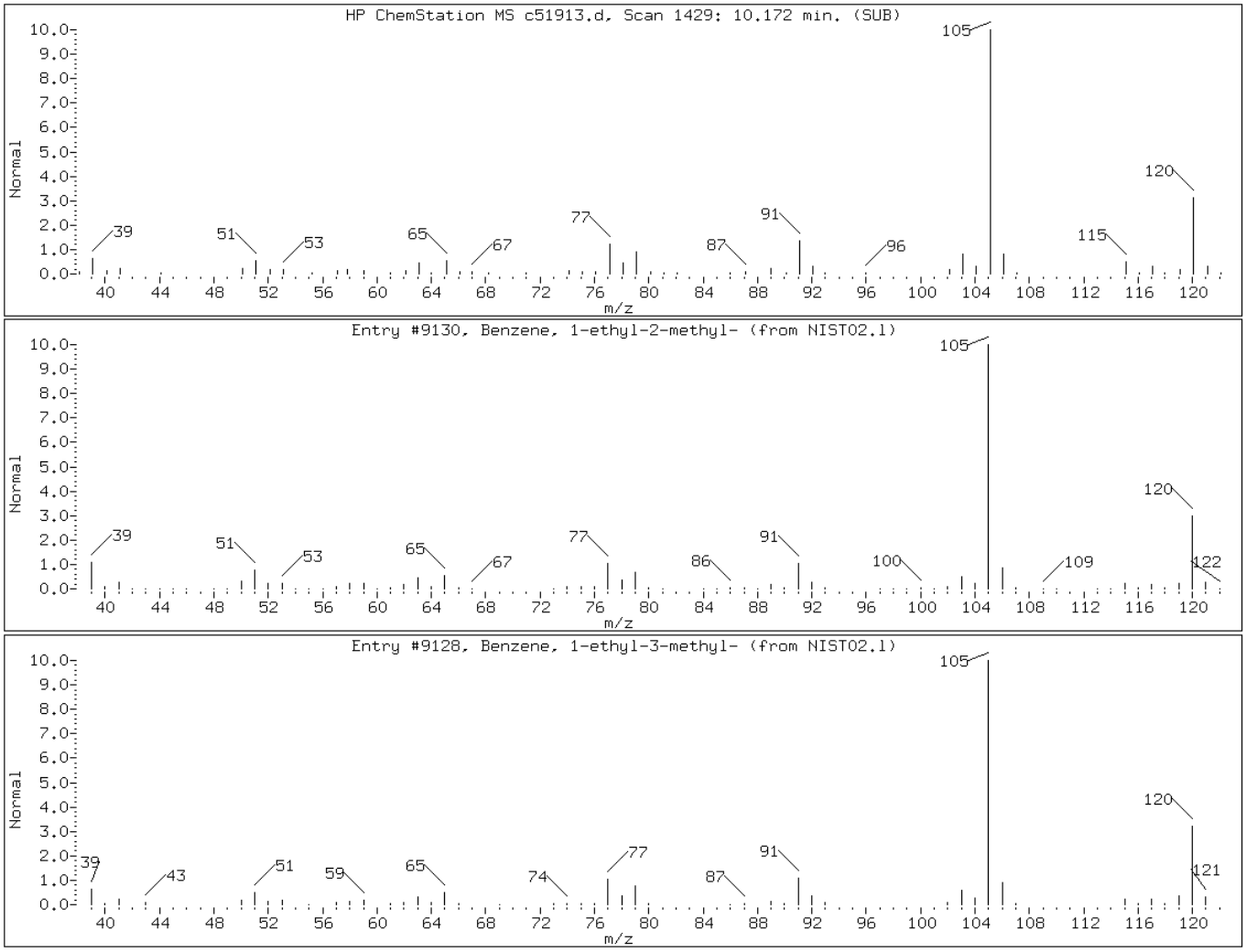
Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

Retention Time: 10.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	94	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	94	C9H12	120



Data File: c51913.d

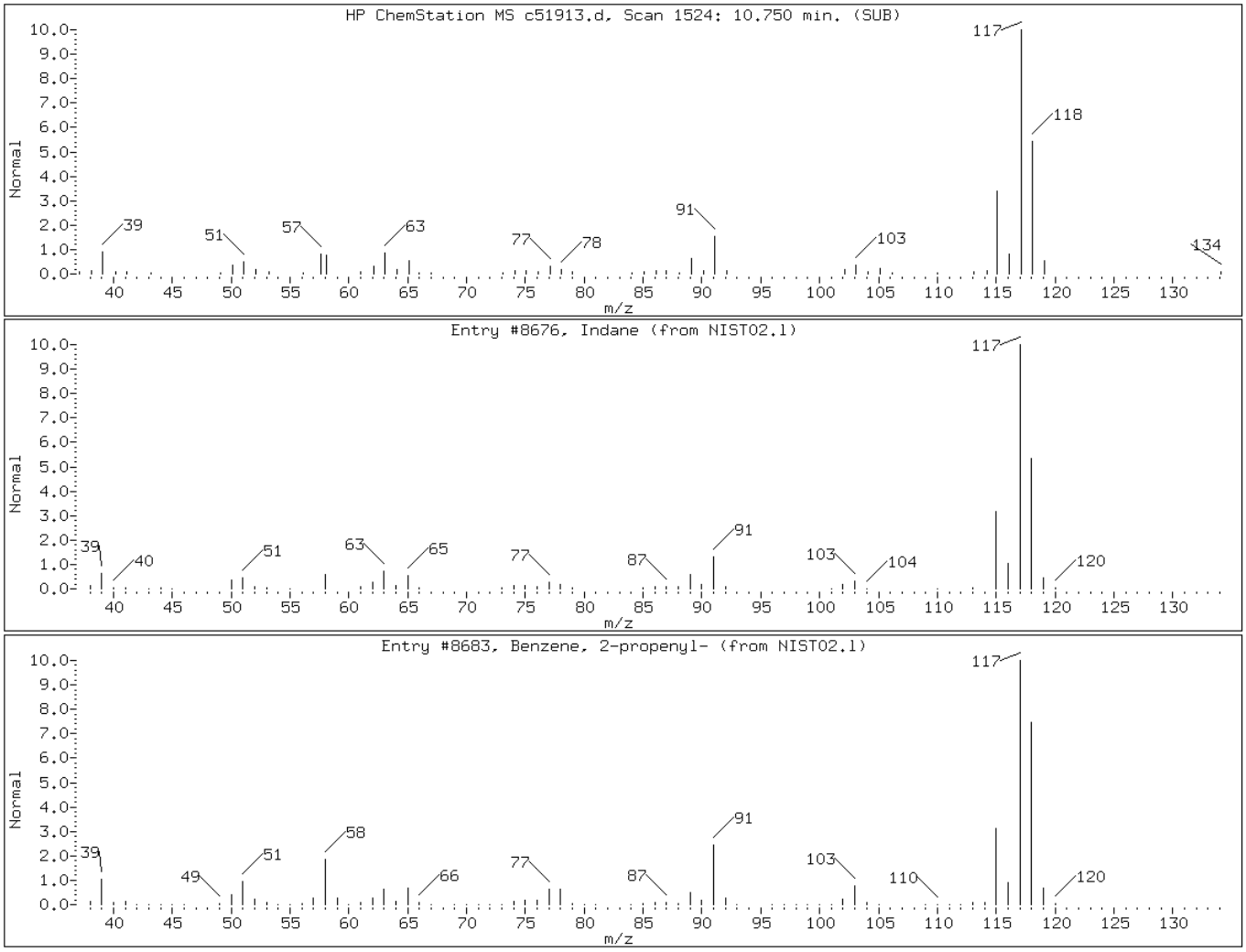
Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

Retention Time: 10.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Indane	496-11-7	NIST02.l	8676	94	C9H10	118
Benzene, 2-propenyl-	300-57-2	NIST02.l	8683	74	C9H10	118



Data File: c51913.d

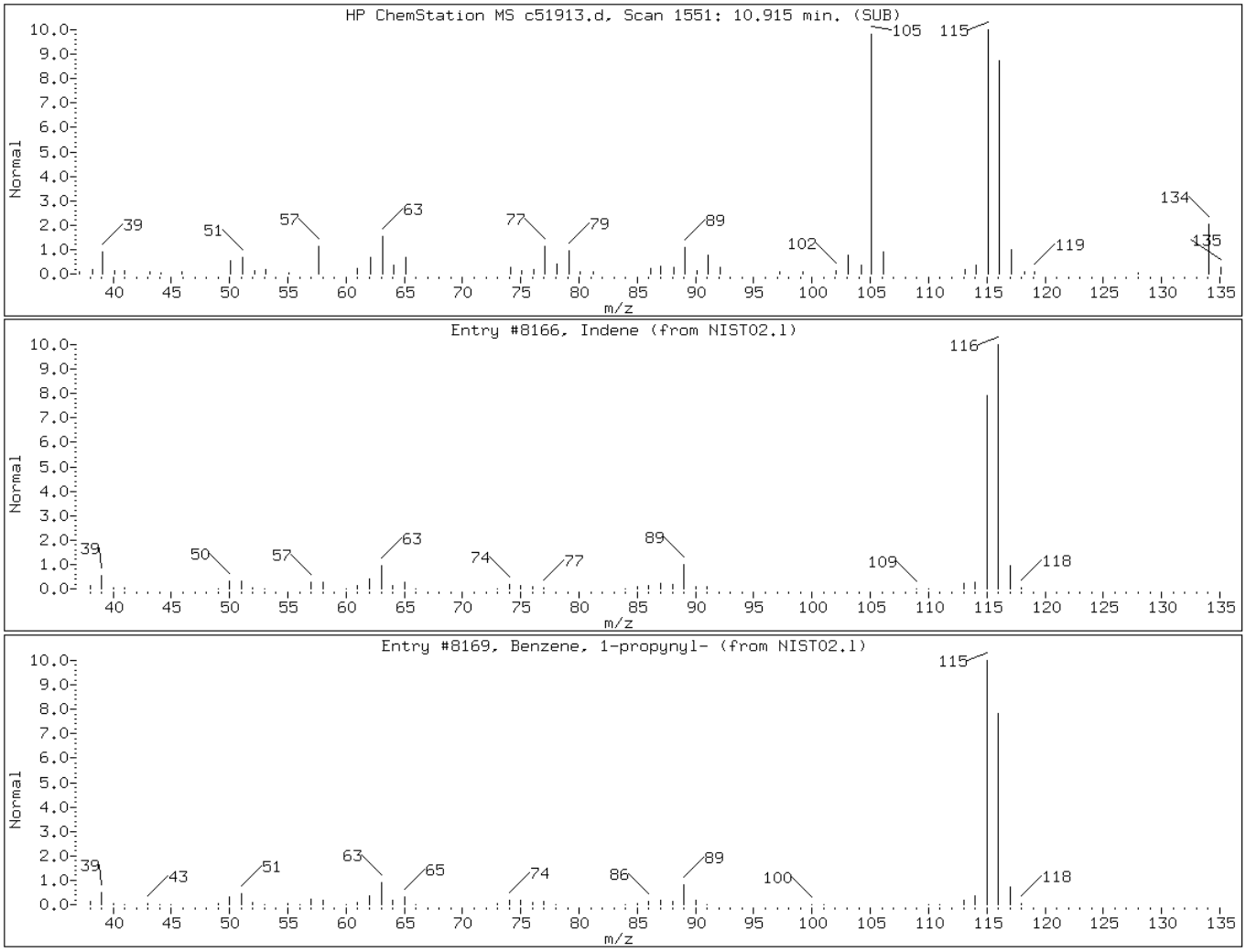
Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

Retention Time: 10.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-1						
Indene	95-13-6	NIST02.l	8166	94	C9H8	116
Benzene, 1-propynyl-	673-32-5	NIST02.l	8169	76	C9H8	116



Data File: c51913.d

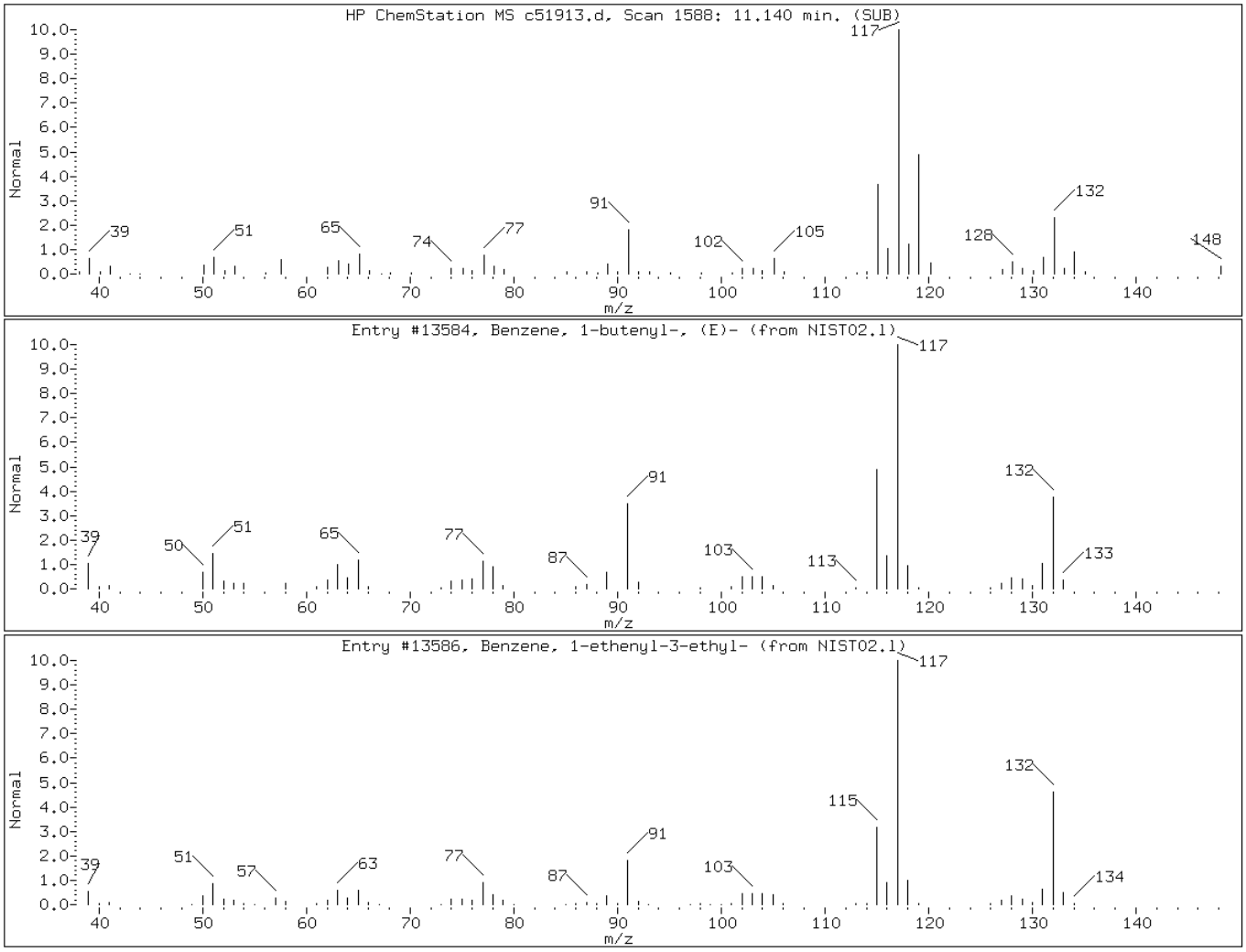
Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

Retention Time: 11.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 1-butenyl-, (E)-	1005-64-7	NIST02.l	13584	70	C10H12	132
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.l	13586	70	C10H12	132



Data File: c51913.d

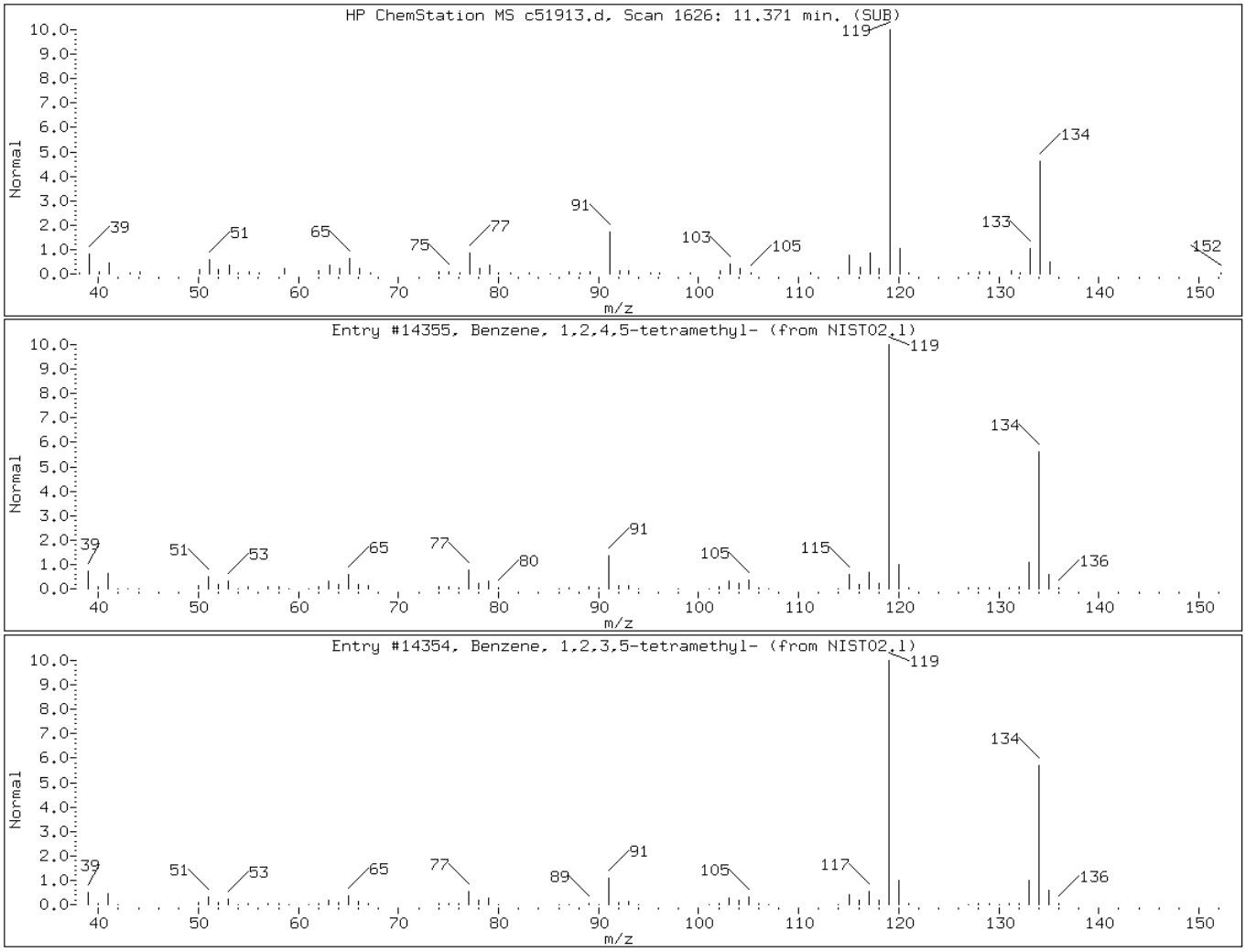
Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

Retention Time: 11.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	95	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	94	C10H14	134



Data File: c51913.d

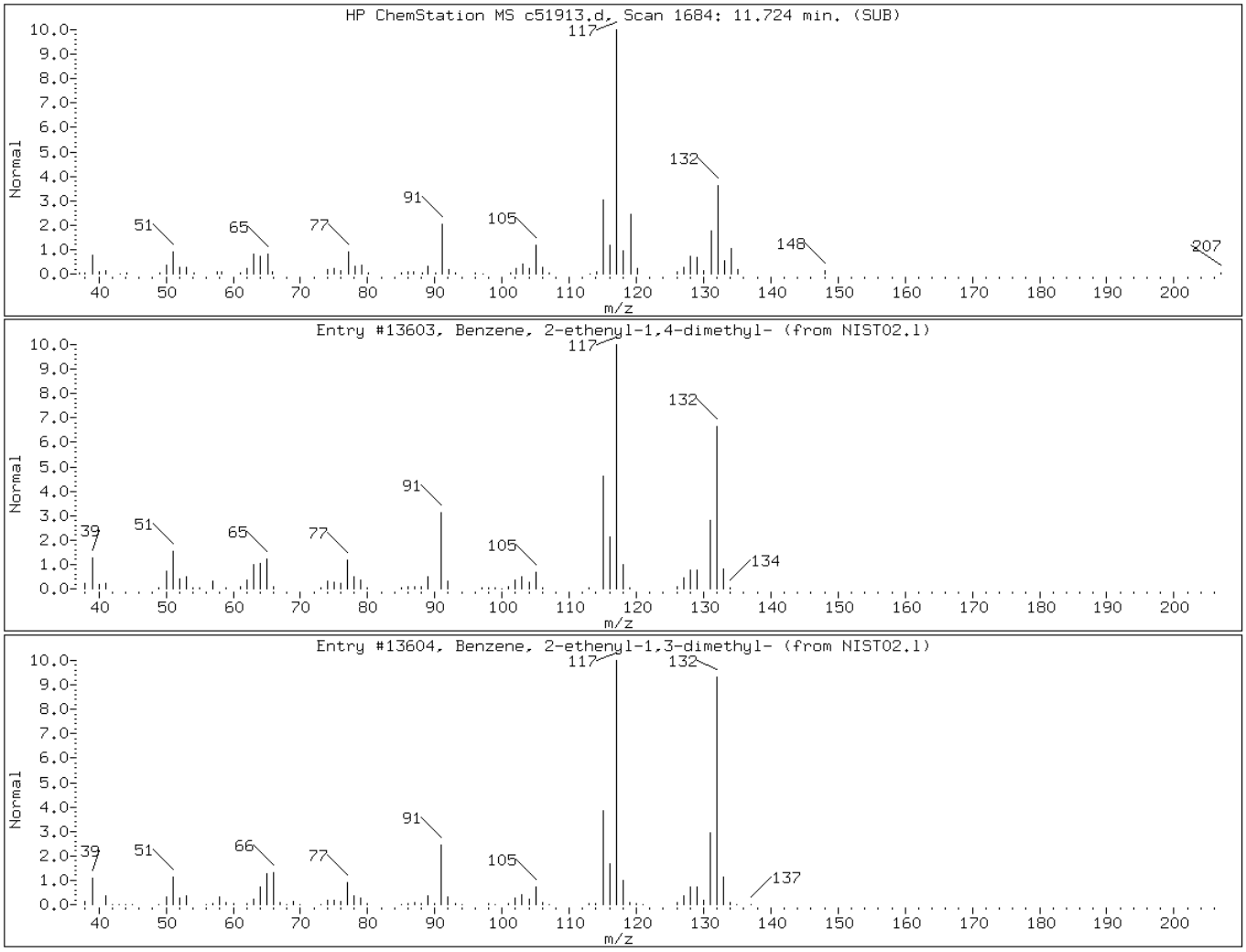
Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

Retention Time: 11.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-3						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	95	C10H12	132
Benzene, 2-ethenyl-1,3-dimethyl-	2039-90-9	NIST02.l	13604	94	C10H12	132



Data File: c51913.d

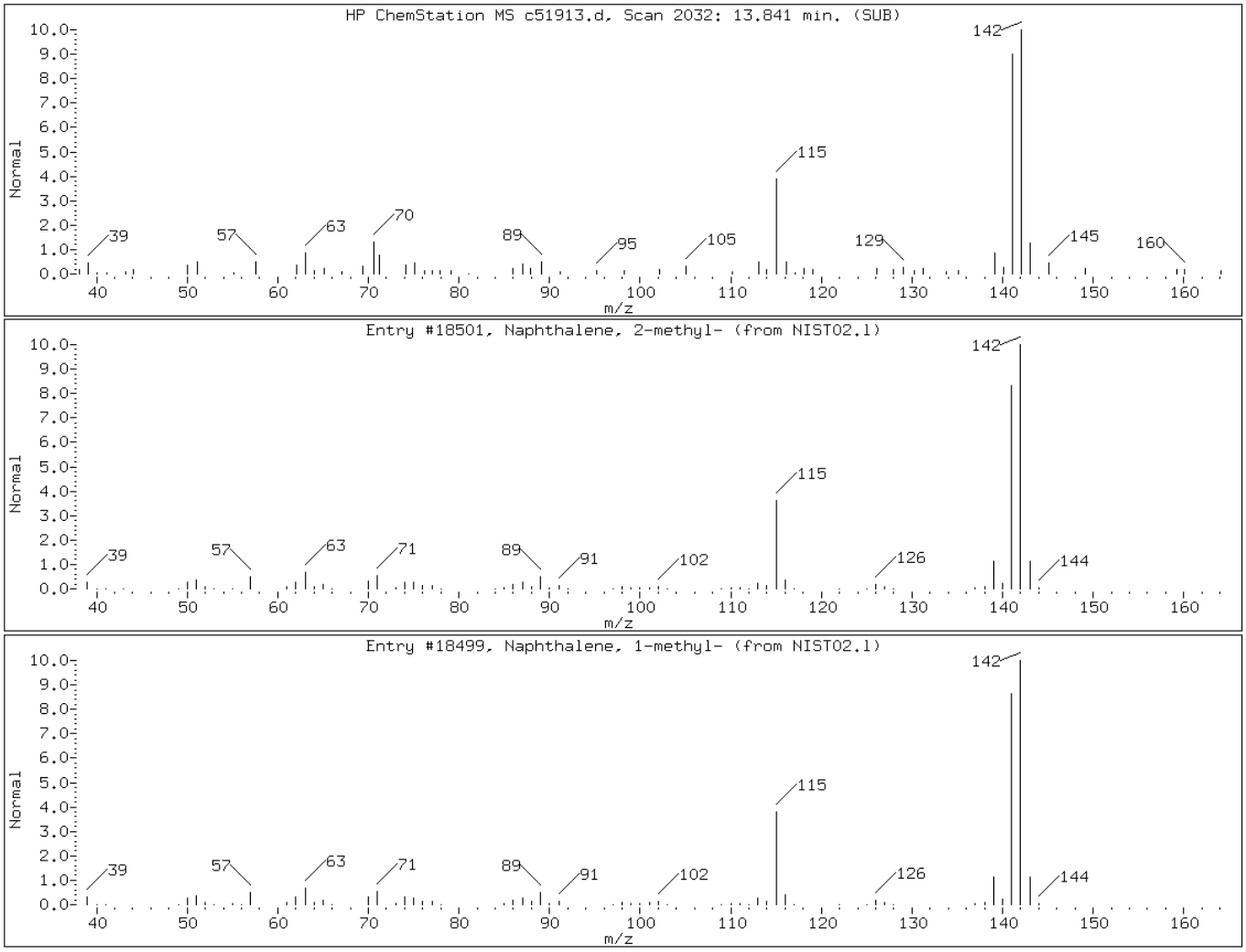
Date: 29-SEP-2010 23:14

Client ID: MW-18 Instrument: VOAMS3.i

Sample Info: 460-17876-A-1 Operator:

Retention Time: 13.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylnaphthalene isomer						
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	95	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	95	C11H10	142



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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-49608/2	c51559.d
Level 2	IC 460-49608/3	c51561.d
Level 3	ICIS 460-49608/4	c51563.d
Level 4	IC 460-49608/5	c51564.d
Level 5	IC 460-49608/6	c51565.d
Level 6	IC 460-49608/7	c51566.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	0.1904 0.1871	0.2219	0.1850	0.1816	0.1941	Ave		0.1933				7.6		35.0			
Chloromethane	0.4233 0.2712	0.3381	0.2667	0.2662	0.2766	Ave		0.3070				20.6		35.0			
Vinyl chloride	0.3264 0.2745	0.3183	0.2669	0.2593	0.2782	Ave		0.2873				9.8		35.0			
Bromomethane	0.1440 0.1456	0.1111	0.1064	0.1155	0.1199	Ave		0.1237				13.7		35.0			
Chloroethane	0.1848 0.1795	0.2013	0.1870	0.1762	0.1819	Ave		0.1851				4.7		35.0			
Trichlorofluoromethane	0.3255 0.3120	0.3491	0.2984	0.2910	0.3124	Ave		0.3147				6.6		35.0			
n-Pentane	0.0406 0.0321	0.0427	0.0327	0.0319	0.0323	Ave		0.0354				13.8		35.0			
Ethanol	0.0009 0.0010	0.0007	0.0008	0.0008	0.0008	Ave		0.0008				12.1		35.0			
Ethyl ether	0.2198 0.1818	0.2195	0.1766	0.1910	0.1903	Ave		0.1965				9.5		35.0			
Isoprene	0.3107 0.2952	0.3375	0.2865	0.2974	0.2975	Ave		0.3041				5.9		35.0			
Freon TF	0.1826 0.1784	0.1975	0.1713	0.1751	0.1812	Ave		0.1810				5.0		35.0			
Acrolein	0.0381 0.0222	0.0320	0.0197	0.0214	0.0210	Ave		0.0257				29.2		35.0			
1,1-Dichloroethene	0.1718 0.1770	0.2005	0.1744	0.1706	0.1811	Ave		0.1792				6.2		35.0			
Acetone	0.0262 0.0201	0.0228	0.0239	0.0221	0.0195	Ave		0.0225				11.0		35.0			
Carbon disulfide	0.5083 0.5140	0.4777	0.3912	0.4404	0.4925	Ave		0.4707				10.0		35.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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								
Isopropanol	0.0103 0.0101	0.0079	0.0100	0.0112	0.0096	Ave		0.0099				11.2		35.0			
Allyl chloride	0.1366 0.1155	0.1315	0.1114	0.1219	0.1205	Ave		0.1229				7.8		35.0			
Methyl acetate	0.0990 0.0485	0.0625	0.0476	0.0524	0.0500	Ave		0.0600				33.1		35.0			
Acetonitrile	0.0095 0.0049	0.0052	0.0051	0.0054	0.0050	Ave		0.0058				30.4		35.0			
Methylene Chloride	0.2620 0.2222	0.2596	0.2180	0.2198	0.2269	Ave		0.2347				8.7		35.0			
TBA	0.0176 0.0159	0.0145	0.0144	0.0163	0.0155	Ave		0.0157				7.7		35.0			
MTBE	0.6744 0.6256	0.7101	0.5986	0.6573	0.6513	Ave		0.6529				5.9		35.0			
trans-1,2-Dichloroethene	0.2100 0.2048	0.2190	0.1934	0.1972	0.2077	Ave		0.2054				4.5		35.0			
Acrylonitrile	0.1041 0.0790	0.0860	0.0774	0.0887	0.0827	Ave		0.0863				11.2		35.0			
Hexane	0.1652 0.1453	0.1797	0.1335	0.1411	0.1475	Ave		0.1520				11.3		35.0			
DIPE	1.0340 0.8257	0.9420	0.8135	0.8584	0.8632	Ave		0.8895				9.4		35.0			
1,1-Dichloroethane	0.4578 0.4090	0.4485	0.4016	0.4083	0.4253	Ave		0.4251				5.5		35.0			
Allyl alcohol	0.0031 0.0028	0.0024	0.0030	0.0032	0.0028	Ave		0.0029				9.7		35.0			
n-Propanol	0.0006 0.0006	0.0005	0.0006	0.0006	0.0006	Ave		0.0006				10.2					
2,2-Dichloropropane	0.3571 0.2081	0.3558	0.2051	0.2018	0.2149	Ave		0.2571				30.0		35.0			
cis-1,2-Dichloroethene	0.2287 0.2291	0.2456	0.2174	0.2205	0.2365	Ave		0.2296				4.5		35.0			
2-Butanone	0.0199 0.0239	0.0184	0.0216	0.0254	0.0243	Ave		0.0222				12.4		35.0			
Ethyl acetate	0.0347 0.0217	0.0254	0.0193	0.0224	0.0224	Ave		0.0243				22.3		35.0			
Bromochloromethane	0.1080 0.0936	0.1067	0.0902	0.0950	0.0976	Ave		0.0985				7.4		35.0			
Tetrahydrofuran	0.1358 0.0601	0.0947	0.0655	0.0662	0.0628	LinF		0.0606							0.9995		

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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								
Chloroform	0.3864 0.3607	0.3974	0.3592	0.3588	0.3746	Ave		0.3729				4.4		35.0			
Cyclohexane	0.3774 0.3899	0.4072	0.3613	0.3794	0.3893	Ave		0.3841				4.0		35.0			
1,1,1-Trichloroethane	0.3155 0.3063	0.3054	0.2792	0.2857	0.3106	Ave		0.3004				4.8		35.0			
Carbon tetrachloride	0.1918 0.2378	0.2121	0.2022	0.2110	0.2368	Ave		0.2153				8.6		35.0			
1,1-Dichloropropene	0.2957 0.2971	0.3001	0.2749	0.2802	0.3038	Ave		0.2920				4.0		35.0			
Benzene	1.5036 1.2880	1.4611	1.3067	1.3020	1.3318	Ave		1.3655				6.8		35.0			
Isopropyl acetate	0.5318 0.4916	0.5099	0.4375	0.5120	0.5186	Ave		0.5002				6.7		35.0			
1,2-Dichloroethane	0.2830 0.2763	0.2953	0.2698	0.2857	0.2918	Ave		0.2837				3.4		35.0			
n-Heptane	0.1671 0.1267	0.1697	0.1092	0.1227	0.1277	Ave		0.1372				18.3		35.0			
n-Butanol	0.0032 0.0037	0.0026	0.0034	0.0036	0.0036	Ave		0.0033				11.6		35.0			
Trichloroethene	0.2147 0.2253	0.2125	0.2219	0.2221	0.2259	Ave		0.2204				2.5		35.0			
Methylcyclohexane	0.2716 0.3515	0.3570	0.3088	0.3279	0.3517	Ave		0.3281				10.1		35.0			
Ethyl acrylate	0.4729 0.5490	0.5515	0.4676	0.5257	0.5539	Ave		0.5201				7.7		35.0			
1,2-Dichloropropane	0.4080 0.3533	0.3789	0.3406	0.3428	0.3546	Ave		0.3630				7.1		35.0			
Methyl methacrylate	0.0418 0.0753	0.0714	0.0631	0.0757	0.0746	Ave		0.0670				19.7		35.0			
p-Dioxane	0.0023 0.0023	0.0018	0.0024	0.0025	0.0022	Ave		0.0022				10.7		35.0			
Dibromomethane	0.2026 0.1844	0.1909	0.1713	0.1831	0.1835	Ave		0.1860				5.5		35.0			
Propyl acetate	0.7656 0.4288	0.5438	0.4338	0.4540	0.4341	Ave		0.5100				26.0		35.0			
Bromodichloromethane	0.3723 0.4122	0.3825	0.3493	0.3760	0.4008	Ave		0.3822				5.8		35.0			
2-Chloroethyl vinyl ether	0.2140 0.2048	0.2185	0.1921	0.2084	0.2080	Ave		0.2076				4.4		35.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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								
Epichlorohydrin	0.0289 0.0249	0.0261	0.0223	0.0253	0.0250	Ave		0.0254				8.3		35.0			
cis-1,3-Dichloropropene	0.4991 0.5127	0.5462	0.4561	0.4797	0.5083	Ave		0.5003				6.1		35.0			
4-Methyl-2-pentanone	0.2133 0.2761	0.2260	0.2468	0.2738	0.2752	Ave		0.2518				10.9		35.0			
Toluene	1.7003 1.2572	1.4925	1.2999	1.3082	1.3513	Ave		1.4016				11.9		35.0			
trans-1,3-Dichloropropene	0.4581 0.4457	0.4455	0.3914	0.4116	0.4402	Ave		0.4321				5.8		35.0			
1,1,2-Trichloroethane	0.2462 0.2343	0.2340	0.2154	0.2265	0.2363	Ave		0.2321				4.5		35.0			
Tetrachloroethene	0.2138 0.2586	0.2348	0.2330	0.2286	0.2544	Ave		0.2372				7.1		35.0			
1,3-Dichloropropane	0.5268 0.5024	0.5539	0.4718	0.4973	0.5094	Ave		0.5102				5.5		35.0			
2-Hexanone	0.1363 0.1783	0.1540	0.1521	0.1760	0.1791	Ave		0.1626				10.9		35.0			
Butyl acetate	0.0693 0.0754	0.0767	0.0635	0.0719	0.0746	Ave		0.0719				6.8		35.0			
Dibromochloromethane	0.2152 0.2677	0.2104	0.1999	0.2275	0.2595	Ave		0.2300				12.0		35.0			
1,2-Dibromoethane	0.2422 0.2603	0.2555	0.2394	0.2502	0.2636	Ave		0.2519				3.9		35.0			
Chlorobenzene	0.8467 0.7688	0.8088	0.7197	0.7439	0.7878	Ave		0.7793				5.9		35.0			
Ethylbenzene	0.4464 0.4523	0.4409	0.4016	0.4182	0.4495	Ave		0.4348				4.7		35.0			
1,1,1,2-Tetrachloroethane	0.2288 0.2739	0.2355	0.2187	0.2416	0.2661	Ave		0.2441				8.8		35.0			
m-Xylene & p-Xylene	0.5752 0.5248	0.5261	0.5093	0.5137	0.5495	Ave		0.5331				4.7		35.0			
n-Butyl acrylate	0.2189 0.2242	0.1871	0.1853	0.2122	0.2152	Ave		0.2072				8.1		35.0			
o-Xylene	0.5884 0.5258	0.5164	0.4983	0.5149	0.5412	Ave		0.5308				5.9		35.0			
Styrene	0.8916 0.8822	0.8711	0.8451	0.8934	0.9266	Ave		0.8850				3.0		35.0			
Amyl acetate	0.2914 0.2875	0.2896	0.2469	0.2765	0.2733	Ave		0.2775				6.0		35.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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								
Bromoform	0.1094 0.1402	0.0926	0.0918	0.1134	0.1320	Ave		0.1132				17.6		35.0			
Isopropylbenzene	1.2556 1.1576	1.1438	1.1572	1.1898	1.2530	Ave		1.1928				4.2		35.0			
Camphene, Total	1.0231 0.8512	0.8978	0.9149	0.8777	0.9110	Ave		0.9126				6.5		35.0			
Bromobenzene	0.6218 0.6125	0.6380	0.6016	0.6228	0.6455	Ave		0.6237				2.6		35.0			
1,1,2,2-Tetrachloroethane	0.6665 0.6210	0.6923	0.5011	0.5850	0.6302	Ave		0.6160				11.0		35.0			
N-Propylbenzene	3.8560 3.0164	3.5078	3.4567	3.4974	3.6780	Ave		3.5021				8.0		35.0			
1,2,3-Trichloropropane	0.1819 0.1896	0.2044	0.1762	0.2056	0.2033	Ave		0.1935				6.6		35.0			
2-Chlorotoluene	2.5060 1.9798	2.2294	2.0752	2.1424	2.1916	Ave		2.1874				8.2		35.0			
1,3,5-Trimethylbenzene	2.6688 2.1948	2.2726	2.2982	2.3521	2.4256	Ave		2.3687				7.0		35.0			
Butyl Methacrylate	0.8691 0.9833	0.8956	0.8165	0.9297	0.9613	Ave		0.9093				6.8		35.0			
4-Chlorotoluene	2.3361 2.0517	2.3101	2.1077	2.2072	2.2482	Ave		2.2102				5.1		35.0			
tert-Butylbenzene	1.9284 1.8508	1.7648	1.8494	1.8603	1.9516	Ave		1.8676				3.6		35.0			
1,2,4-Trimethylbenzene	2.7145 2.2540	2.4292	2.3188	2.4335	2.4843	Ave		2.4391				6.5		35.0			
sec-Butylbenzene	2.7846 2.6618	2.6699	2.8668	2.8742	3.0414	Ave		2.8164				5.1		35.0			
p-Isopropyltoluene	2.2571 2.2177	2.0947	2.2431	2.2705	2.4586	Ave		2.2569				5.2		35.0			
1,3-Dichlorobenzene	1.2471 1.1693	1.1497	1.0899	1.1615	1.1884	Ave		1.1676				4.4		35.0			
1,4-Dichlorobenzene	1.3882 1.1828	1.1925	1.1167	1.2054	1.2058	Ave		1.2152				7.5		35.0			
Benzyl chloride	1.0504 0.6489	1.0509	0.5202	0.6054	0.6492	Ave		0.7542				31.1		35.0			
n-Butylbenzene	2.1920 2.1485	2.0794	2.1934	2.2567	2.4271	Ave		2.2162				5.4		35.0			
1,2-Dichlorobenzene	1.2563 1.0842	1.0925	1.0305	1.1132	1.1484	Ave		1.1208				6.9		35.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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								
1,2-Dibromo-3-Chloropropane	0.0937 0.0981	0.0939	0.0864	0.1004	0.1061	Ave		0.0964				7.0		35.0			
Camphor	0.0580 0.0506	0.0479	0.0447	0.0475	0.0477	Ave		0.0494				9.3		35.0			
1,2,4-Trichlorobenzene	0.6900 0.5854	0.5310	0.5123	0.5554	0.6026	Ave		0.5794				11.0		35.0			
Hexachlorobutadiene	0.1894 0.2303	0.1780	0.2179	0.2124	0.2458	Ave		0.2123				11.9		35.0			
Naphthalene	1.6884 1.5668	1.4643	1.3794	1.6074	1.6563	Ave		1.5604				7.6		35.0			
1,2,3-Trichlorobenzene	0.4600 0.4763	0.4209	0.4075	0.4552	0.4907	Ave		0.4518				7.1		35.0			
Methylnaphthalene (total)	0.7181 0.6650	0.5308	0.4166	0.5263	0.6537	Ave		0.5851				19.3		35.0			
Dimethylnaphthalene (total)	0.2201 0.1810	0.1289	0.0987	0.1241	0.1651	Ave		0.1530				28.9		35.0			
1,2-Dichloroethane-d4 (Surr)	0.2655 0.2696	0.2642	0.2644	0.2664	0.2699	Ave		0.2667				0.9		35.0			
Toluene-d8 (Surr)	1.1637 1.1831	1.1494	1.1557	1.1641	1.1482	Ave		1.1607				1.1		35.0			
Bromofluorobenzene	0.7263 0.6762	0.7143	0.7181	0.7082	0.7126	Ave		0.7093				2.4		35.0			

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.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-49608/2	c51559.d
Level 2	IC 460-49608/3	c51561.d
Level 3	ICIS 460-49608/4	c51563.d
Level 4	IC 460-49608/5	c51564.d
Level 5	IC 460-49608/6	c51565.d
Level 6	IC 460-49608/7	c51566.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	3360 1792067	19262	67114	161412	696092	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7468 2597364	29351	96770	236634	991860	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5758 2629486	27631	96854	230535	997293	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2540 1394740	9643	38627	102635	429731	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3260 1718891	17473	67844	156665	652141	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	5743 2988463	30306	108268	258662	1120084	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	716 307810	3708	11869	28365	115938	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	15573 111102	22812	45445	59737	76168	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	3878 1741051	19056	64087	169818	682467	1.00 500	5.00	20.0	50.0	200
Isoprene	FB	Ave	5481 2827531	29299	103950	264391	1066608	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	3222 1708567	17148	62155	155683	649661	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	2690 170060	11102	14308	37961	75413	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	3031 1695872	17410	63279	151653	649236	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	4626 192925	5942	8684	19681	69955	10.0 500	15.0	20.0	50.0	200
Carbon disulfide	FB	Ave	8968 4923636	41470	141967	391458	1765752	1.00 500	5.00	20.0	50.0	200
Isopropanol	FB	Ave	181637 1163759	274630	544068	798965	859019	1000 6000	2000	3000	4000	5000

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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
Allyl chloride	FB	Ave	2410 1106367	11416	40433	108338	432175	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	1747 464226	5423	17287	46594	179275	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	3339 934866	9069	36790	96120	361582	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	Ave	4622 2127939	22536	79108	195351	813422	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	6221 3037124	25185	104352	290612	1111672	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	11898 5992385	61651	217196	584301	2335237	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3705 1962118	19009	70196	175266	744827	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3673 302771	14940	28097	78847	148250	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	2915 1391344	15601	48427	125392	528937	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	18244 7909047	81782	295185	763039	3094931	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	8077 3918079	38936	145723	362941	1524993	1.00 500	5.00	20.0	50.0	200
Allyl alcohol	FB	Ave	53883 326571	82610	161404	226272	251700	1000 6000	2000	3000	4000	5000
n-Propanol	FB	Ave	10662 66611	16392	33688	45665	53073	1000 6000	2000	3000	4000	5000
2,2-Dichloropropane	FB	Ave	6300 1993129	30892	74417	179384	770436	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4035 2194320	21326	78872	196035	847942	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	3506 228491	4787	7849	22594	87254	10.0 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	1223 415459	4411	14027	39738	160971	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	1906 897024	9267	32747	84462	349897	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	LinF	2396 575707	8223	23761	58804	225201	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6818 3455170	34500	130354	318965	1342912	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6659 3734616	35349	131101	337239	1395723	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.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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
1,1,1-Trichloroethane	FB	Ave	5566 2933693	26511	101326	253963	1113497	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	3384 2277632	18413	73383	187585	849180	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5218 2845846	26056	99762	249043	1089207	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	17203 8373631	83195	307321	768573	3282554	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	18766 9416920	88544	317532	910221	3718480	2.00 1000	10.0	40.0	100	400
1,2-Dichloroethane	FB	Ave	4993 2646819	25634	97886	254001	1046374	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	2949 1213582	14733	39626	109065	457705	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	28093 212406	45776	91444	127111	159265	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	3788 2157653	18451	80533	197418	809770	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	4792 3366572	30995	112051	291461	1260891	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	8344 5258816	47878	169664	467312	1986010	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	CBZ	Ave	4668 2297025	21576	80099	202341	873993	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	CBZ	Ave	478 489624	4067	14847	44692	183900	1.00 500	5.00	20.0	50.0	200
p-Dioxane	CBZ	Ave	26780 176161	40806	83276	117504	136409	1000 6000	2000	3000	4000	5000
Dibromomethane	CBZ	Ave	2318 1198585	10868	40300	108093	452296	1.00 500	5.00	20.0	50.0	200
Propyl acetate	CBZ	Ave	17519 5575179	61932	204031	535982	2139959	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	CBZ	Ave	4260 2679582	21782	82157	221947	987809	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	CBZ	Ave	2448 1331725	12443	45172	123027	512650	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	6602 3233643	29711	105003	298501	1234339	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	5710 3332788	31099	107281	283186	1252884	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	24402 1794794	38606	58034	161632	678240	10.0 500	15.0	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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
Toluene	CBZ	Ave	19454 8173294	84985	305733	772224	3330682	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5241 2897278	25367	92058	242983	1084993	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2817 1523014	13322	50667	133701	582456	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	2446 1681052	13369	54793	134942	627110	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6027 3265820	31537	110954	293567	1255551	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	15594 1159153	26302	35770	103880	441354	10.0 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	1585 980698	8734	29884	84837	367754	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	2462 1740641	11980	47017	134283	639652	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2771 1691954	14548	56304	147720	649578	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	9687 4998163	46056	169278	439121	1941813	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5107 2940348	25107	94452	246850	1107845	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2618 1780514	13410	51441	142607	655843	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	13161 6823194	59910	239562	606546	2708854	2.00 1000	10.0	40.0	100	400
n-Butyl acrylate	CBZ	Ave	2505 1457426	10652	43590	125267	530441	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	6732 3418489	29406	117200	303936	1333930	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	10201 5735255	49600	198769	527372	2283763	1.00 500	5.00	20.0	50.0	200
Amyl acetate	CBZ	Ave	3334 1869011	16492	58061	163250	673495	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1252 911324	5270	21590	66961	325460	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	14366 7525528	65126	272172	702343	3088400	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	Ave	5089 2655025	22409	96815	236424	1013979	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	3093 1910430	15925	63666	167763	718495	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.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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
1,1,2,2-Tetrachloroethane	DCB	Ave	3315 1936912	17281	53027	157573	701501	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	19180 9408076	87559	365798	942103	4093847	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	905 591480	5101	18647	55371	226270	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	12465 6174934	55648	219606	577119	2439415	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	13275 6845407	56727	243203	633603	2699876	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	4323 3067001	22355	86401	250450	1069946	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	11620 6399216	57663	223041	594553	2502387	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	9592 5772634	44052	195712	501106	2172256	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	13502 7030155	60636	245382	655528	2765158	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	13851 8301998	66642	303375	774240	3385238	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	11227 6917136	52285	237368	611615	2736535	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	6203 3647097	28697	115332	312875	1322810	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	6905 3689056	29765	118173	324702	1342142	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	5225 2023940	26231	55053	163077	722614	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	10903 6701094	51904	232107	607885	2701525	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	6249 3381550	27270	109048	299874	1278227	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	466 305851	2343	9146	27045	118132	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	1442 788412	5984	23654	64029	265530	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	3432 1825959	13254	54215	149602	670722	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	942 718277	4443	23063	57209	273636	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	8398 4886949	36550	145969	432979	1843591	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.: 460-17876-1 Analy Batch No.: 49608

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2010 03:45 Calibration End Date: 09/22/2010 06:32 Calibration ID: 7839

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
1,2,3-Trichlorobenzene	DCB	Ave	2288 1485515	10505	43125	122628	546206	1.00 500	5.00	20.0	50.0	200
Methylnaphthalene (total)	DCB	Ave	3572 829670	13250	44083	141770	363779	1.00 200	5.00	20.0	50.0	100
Dimethylnaphthalene (total)	DCB	Ave	1095 225814	3217	10446	33434	91862	1.00 200	5.00	20.0	50.0	100
1,2-Dichloroethane-d4 (Surr)	FB	Ave	234204 258274	229334	239851	236820	241886	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	665719 769167	654478	679552	687179	707523	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	180646 210908	178298	189971	190781	198289	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCVIS 460-50393/2 Calibration Date: 09/29/2010 09:33

Instrument ID: VOAMS3 Calib Start Date: 09/22/2010 03:45

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/22/2010 06:32

Lab File ID: c51880.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	0.1933	0.2209		22.8	20.0	14.2	50.0
Chloromethane	Ave	0.3070	0.2526	0.1000	16.5	20.0	-17.7	104.0
Vinyl chloride	Ave	0.2873	0.2790		19.4	20.0	-2.9	96.0
Bromomethane	Ave	0.1237	0.1467		23.7	20.0	18.6	86.0
Chloroethane	Ave	0.1851	0.1918		20.7	20.0	3.6	62.0
Trichlorofluoromethane	Ave	0.3147	0.3441		21.9	20.0	9.3	52.0
n-Pentane	Ave	0.0354	0.0421		23.8	20.0	18.9	50.0
Ethanol	Ave	0.0008	0.0008		2690	3000	-10.2	50.0
Ethyl ether	Ave	0.1965	0.2629		26.8	20.0	33.8	50.0
Isoprene	Ave	0.3041	0.4311		28.4	20.0	41.8	50.0
Freon TF	Ave	0.1810	0.2644		29.2	20.0	46.0	50.0
Acrolein	Ave	0.0257	0.0392		60.9	40.0	52.3	99.0
1,1-Dichloroethene	Ave	0.1792	0.2091		23.3	20.0	16.6	49.5
Acetone	Ave	0.0225	0.0231		20.5	20.0	2.6	50.0
Carbon disulfide	Ave	0.4707	0.5823		24.7	20.0	23.7	50.0
Isopropanol	Ave	0.0099	0.0099		3000	3000	-0.0	50.0
Allyl chloride	Ave	0.1229	0.1221		19.9	20.0	-0.7	50.0
Methyl acetate	Ave	0.0600	0.0581		19.4	20.0	-3.2	50.0
Acetonitrile	Ave	0.0058	0.0065		447	400	11.8	50.0
Methylene Chloride	Ave	0.2347	0.2476		21.1	20.0	5.5	39.5
TBA	Ave	0.0157	0.0187		475	400	18.8	50.0
MTBE	Ave	0.6529	0.7758		23.8	20.0	18.8	50.0
trans-1,2-Dichloroethene	Ave	0.2054	0.2188		21.3	20.0	6.5	30.5
Acrylonitrile	Ave	0.0863	0.0838		19.4	20.0	-2.9	50.0
Hexane	Ave	0.1520	0.1980		26.0	20.0	30.2	50.0
DIPE	Ave	0.8895	0.9726		21.9	20.0	9.4	50.0
1,1-Dichloroethane	Ave	0.4251	0.4307	0.1000	20.3	20.0	1.3	27.5
Allyl alcohol	Ave	0.0029	0.0029		2990	3000	-0.3	50.0
2,2-Dichloropropane	Ave	0.2571	0.3412		26.5	20.0	32.7	50.0
cis-1,2-Dichloroethene	Ave	0.2296	0.2440		21.2	20.0	6.2	50.0
2-Butanone	Ave	0.0222	0.0271		24.4	20.0	21.9	50.0
Ethyl acetate	Ave	0.0243	0.0253		41.6	40.0	4.0	50.0
Bromochloromethane	Ave	0.0985	0.1036		21.0	20.0	5.1	50.0
Tetrahydrofuran	LinF	0.0808	0.0685		22.6	20.0	13.1	50.0
Chloroform	Ave	0.3729	0.3793		20.3	20.0	1.7	32.5
Cyclohexane	Ave	0.3841	0.4044		21.1	20.0	5.3	50.0
1,1,1-Trichloroethane	Ave	0.3004	0.3082		20.5	20.0	2.6	25.0
Carbon tetrachloride	Ave	0.2153	0.2337		21.7	20.0	8.6	27.0
1,1-Dichloropropene	Ave	0.2920	0.2748		18.8	20.0	-5.9	50.0
Benzene	Ave	1.366	1.240		18.2	20.0	-9.2	36.0
Isopropyl acetate	Ave	0.5002	0.5061		40.5	40.0	1.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCVIS 460-50393/2 Calibration Date: 09/29/2010 09:33

Instrument ID: VOAMS3 Calib Start Date: 09/22/2010 03:45

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/22/2010 06:32

Lab File ID: c51880.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
1,2-Dichloroethane	Ave	0.2837	0.2913		20.5	20.0	2.7	32.0
n-Heptane	Ave	0.1372	0.1683		24.5	20.0	22.6	50.0
n-Butanol	Ave	0.0033	0.0030		1330	1500	-11.3	50.0
Trichloroethene	Ave	0.2204	0.2110		19.1	20.0	-4.3	33.5
Methylcyclohexane	Ave	0.3281	0.4065		24.8	20.0	23.9	50.0
Ethyl acrylate	Ave	0.5201	0.5694		21.9	20.0	9.5	50.0
1,2-Dichloropropane	Ave	0.3630	0.3187		17.6	20.0	-12.2	66.0
Methyl methacrylate	Ave	0.0670	0.0805		24.0	20.0	20.1	50.0
p-Dioxane	Ave	0.0022	0.0023		3010	3000	0.3	50.0
Dibromomethane	Ave	0.1860	0.1812		19.5	20.0	-2.6	50.0
Propyl acetate	Ave	0.5100	0.4582		35.9	40.0	-10.2	50.0
Bromodichloromethane	Ave	0.3822	0.3662		19.2	20.0	-4.2	34.5
2-Chloroethyl vinyl ether	Ave	0.2076	0.1915		18.4	20.0	-7.8	124.0
Epichlorohydrin	Ave	0.0254	0.0296		466	400	16.5	50.0
cis-1,3-Dichloropropene	Ave	0.5003	0.4658		18.6	20.0	-6.9	76.0
4-Methyl-2-pentanone	Ave	0.2518	0.2578		20.5	20.0	2.4	50.0
Toluene	Ave	1.402	1.300		18.5	20.0	-7.3	25.5
trans-1,3-Dichloropropene	Ave	0.4321	0.4066		18.8	20.0	-5.9	50.0
1,1,2-Trichloroethane	Ave	0.2321	0.2101		18.1	20.0	-9.5	29.0
Tetrachloroethene	Ave	0.2372	0.2569		21.7	20.0	8.3	26.5
1,3-Dichloropropane	Ave	0.5102	0.4467		17.5	20.0	-12.5	50.0
2-Hexanone	Ave	0.1626	0.1599		19.7	20.0	-1.7	50.0
Butyl acetate	Ave	0.0719	0.0721		40.1	40.0	0.3	50.0
Dibromochloromethane	Ave	0.2300	0.2261		19.7	20.0	-1.7	32.5
1,2-Dibromoethane	Ave	0.2519	0.2463		19.6	20.0	-2.2	50.0
Chlorobenzene	Ave	0.7793	0.7686	0.3000	19.7	20.0	-1.4	34.0
Ethylbenzene	Ave	0.4348	0.4226		19.4	20.0	-2.8	41.0
1,1,1,2-Tetrachloroethane	Ave	0.2441	0.2419		19.8	20.0	-0.9	50.0
m-Xylene & p-Xylene	Ave	0.5331	0.5228		39.2	40.0	-1.9	50.0
n-Butyl acrylate	Ave	0.2072	0.2139		20.7	20.0	3.3	50.0
o-Xylene	Ave	0.5308	0.5058		19.1	20.0	-4.7	50.0
Styrene	Ave	0.8850	0.8782		19.8	20.0	-0.8	50.0
Amyl acetate	Ave	0.2775	0.2723		19.6	20.0	-1.9	50.0
Bromoform	Ave	0.1132	0.1043	0.1000	18.4	20.0	-7.9	29.0
Isopropylbenzene	Ave	1.193	1.186		19.9	20.0	-0.6	50.0
Camphene, Total	Ave	0.9126	1.015		22.2	20.0	11.2	50.0
Bromobenzene	Ave	0.6237	0.5899		18.9	20.0	-5.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6160	0.5491	0.3000	17.8	20.0	-10.9	39.5
N-Propylbenzene	Ave	3.502	3.240		18.5	20.0	-7.5	50.0
1,2,3-Trichloropropane	Ave	0.1935	0.1742		18.0	20.0	-10.0	50.0
2-Chlorotoluene	Ave	2.187	1.929		17.6	20.0	-11.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCVIS 460-50393/2 Calibration Date: 09/29/2010 09:33

Instrument ID: VOAMS3 Calib Start Date: 09/22/2010 03:45

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/22/2010 06:32

Lab File ID: c51880.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
1,3,5-Trimethylbenzene	Ave	2.369	2.077		17.5	20.0	-12.3	50.0
4-Chlorotoluene	Ave	2.210	2.002		18.1	20.0	-9.4	50.0
Butyl Methacrylate	Ave	0.9093	0.9303		20.5	20.0	2.3	50.0
tert-Butylbenzene	Ave	1.868	1.722		18.4	20.0	-7.8	50.0
1,2,4-Trimethylbenzene	Ave	2.439	2.162		17.7	20.0	-11.3	50.0
sec-Butylbenzene	Ave	2.816	2.730		19.4	20.0	-3.1	50.0
p-Isopropyltoluene	Ave	2.257	2.147		19.0	20.0	-4.9	50.0
1,3-Dichlorobenzene	Ave	1.168	1.115		19.1	20.0	-4.5	27.0
1,4-Dichlorobenzene	Ave	1.215	1.151		18.9	20.0	-5.3	37.0
n-Butylbenzene	Ave	2.216	2.058		18.6	20.0	-7.1	50.0
1,2-Dichlorobenzene	Ave	1.121	1.062		18.9	20.0	-5.3	37.0
1,2-Dibromo-3-Chloropropane	Ave	0.0964	0.0785		16.3	20.0	-18.6	50.0
Camphor	Ave	0.0494	0.0530		107	100	7.2	50.0
1,2,4-Trichlorobenzene	Ave	0.5794	0.5038		17.4	20.0	-13.1	50.0
Hexachlorobutadiene	Ave	0.2123	0.2064		19.4	20.0	-2.8	50.0
Naphthalene	Ave	1.560	1.322		16.9	20.0	-15.3	50.0
1,2,3-Trichlorobenzene	Ave	0.4518	0.4102		18.2	20.0	-9.2	50.0
Methylnaphthalene (total)	Ave	0.5851	0.3691		12.6	20.0	-36.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2667	0.2706		50.7	50.0	1.5	
Toluene-d8 (Surr)	Ave	1.161	1.112		47.9	50.0	-4.2	
Bromofluorobenzene	Ave	0.7093	0.6832		48.2	50.0	-3.7	

Data File: /chem/VOAMS3.i/624_09/09-22-10/22sep10.b/c51555.d
Report Date: 22-Sep-2010 02:18

TestAmerica

Data file : /chem/VOAMS3.i/624_09/09-22-10/22sep10.b/c51555.d
Lab Smp Id: BFB
Inj Date : 22-SEP-2010 02:09
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/624_09/09-22-10/22sep10.b/VOABFB.m
Meth Date : 09-Jul-2010 11:15 delpolit Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

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

Cpnd Variable Local Compound Variable

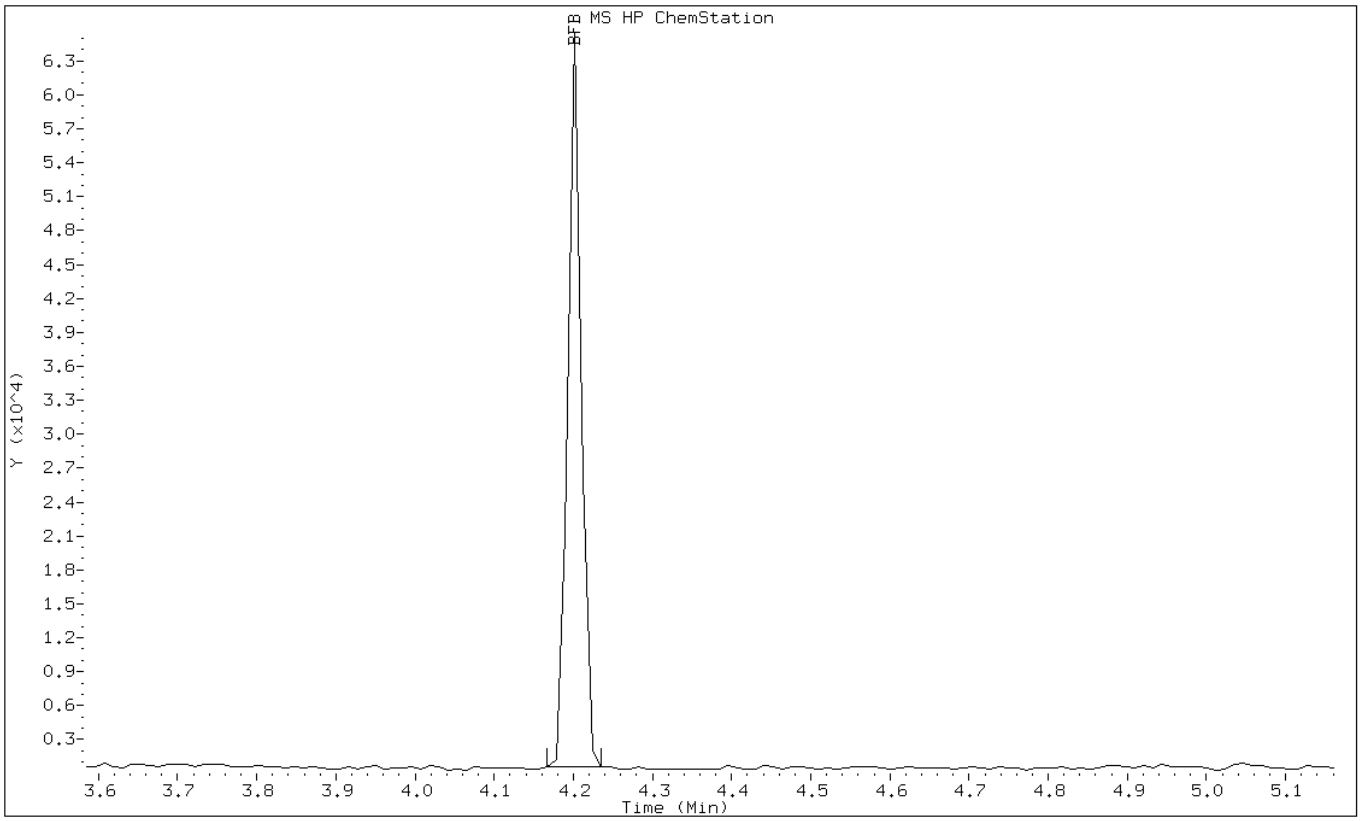
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.202	4.320 (0.000)	95	8545			0.00- 100.00	100.00
4.202	4.320 (0.000)	50	1597			15.00- 40.00	18.69
4.202	4.320 (0.000)	75	4049			30.00- 60.00	47.38
4.202	4.320 (0.000)	96	519			5.00- 9.00	6.07
4.202	4.320 (0.000)	173	49			0.00- 2.00	0.90
4.202	4.320 (0.000)	174	5464			50.00- 100.00	63.94
4.202	4.320 (0.000)	175	407			5.00- 9.00	7.45
4.202	4.320 (0.000)	176	5318			95.00- 101.00	97.33
4.202	4.320 (0.000)	177	396			5.00- 9.00	7.45

Data File: c51555.d

Date: 22-SEP-2010 02:09

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1



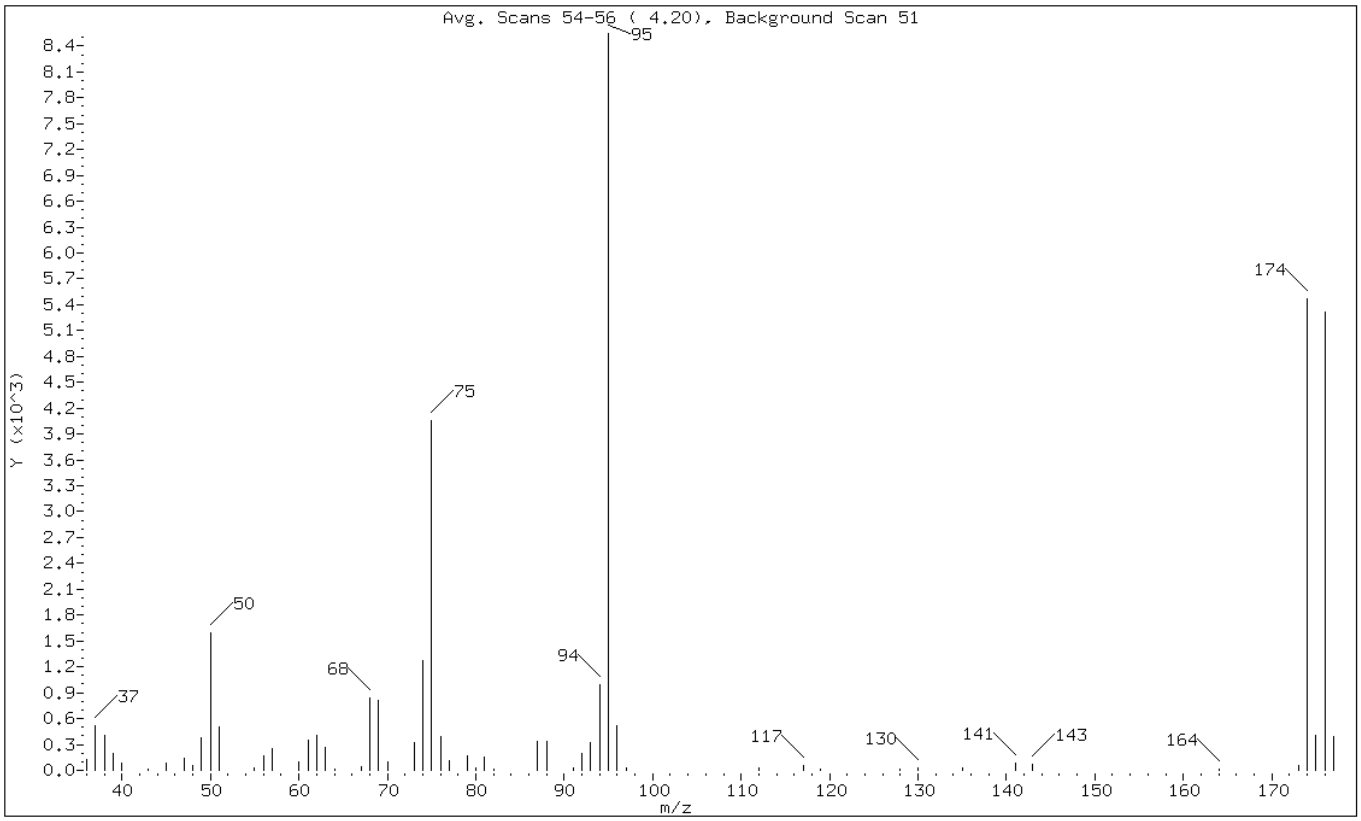
Data File: c51555.d

Date: 22-SEP-2010 02:09

Client ID: Instrument: VOAMS3.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	18.69
75	30.00 - 60.00% of mass 95	47.38
96	5.00 - 9.00% of mass 95	6.07
173	Less than 2.00% of mass 174	0.57 (0.90)
174	50.00 - 100.00% of mass 95	63.94
175	5.00 - 9.00% of mass 174	4.76 (7.45)
176	95.00 - 101.00% of mass 174	62.24 (97.33)
177	5.00 - 9.00% of mass 176	4.63 (7.45)

Data File: c51555.d

Date: 22-SEP-2010 02:09

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/624_09/09-22-10/22sep10.b/c51555.d
Spectrum: Avg. Scans 54-56 (4.20), Background Scan 51
Location of Maximum: 95.00
Number of points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	130	60.00	92	80.00	28	128.00	18
37.00	524	61.00	343	81.00	147	130.00	31
38.00	402	62.00	407	82.00	19	135.00	24
39.00	191	63.00	265	87.00	330	141.00	82
40.00	82	64.00	20	88.00	333	143.00	70
43.00	17	67.00	43	91.00	32	164.00	16
45.00	87	68.00	841	92.00	198	173.00	49
47.00	145	69.00	807	93.00	322	174.00	5464
48.00	52	70.00	103	94.00	990	175.00	407
49.00	372	73.00	315	95.00	8545	176.00	5318
50.00	1597	74.00	1269	96.00	519	177.00	396
51.00	507	75.00	4049	97.00	27		
55.00	22	76.00	386	112.00	28		
56.00	165	77.00	113	117.00	52		
57.00	254	79.00	168	119.00	17		

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51879.d
Report Date: 29-Sep-2010 09:18

TestAmerica

Data file : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51879.d
Lab Smp Id: BFB
Inj Date : 29-SEP-2010 09:13
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/VOABFB.m
Meth Date : 09-Jul-2010 11:15 delpolit Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

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

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.190	4.320 (0.000)	95	6353			0.00- 100.00	100.00
4.190	4.320 (0.000)	50	1260			15.00- 40.00	19.83
4.190	4.320 (0.000)	75	3206			30.00- 60.00	50.46
4.190	4.320 (0.000)	96	486			5.00- 9.00	7.65
4.190	4.320 (0.000)	173	20			0.00- 2.00	0.47
4.190	4.320 (0.000)	174	4273			50.00- 100.00	67.26
4.190	4.320 (0.000)	175	362			5.00- 9.00	8.47
4.190	4.320 (0.000)	176	4104			95.00- 101.00	96.04
4.190	4.320 (0.000)	177	329			5.00- 9.00	8.02

Data File: c51879.d

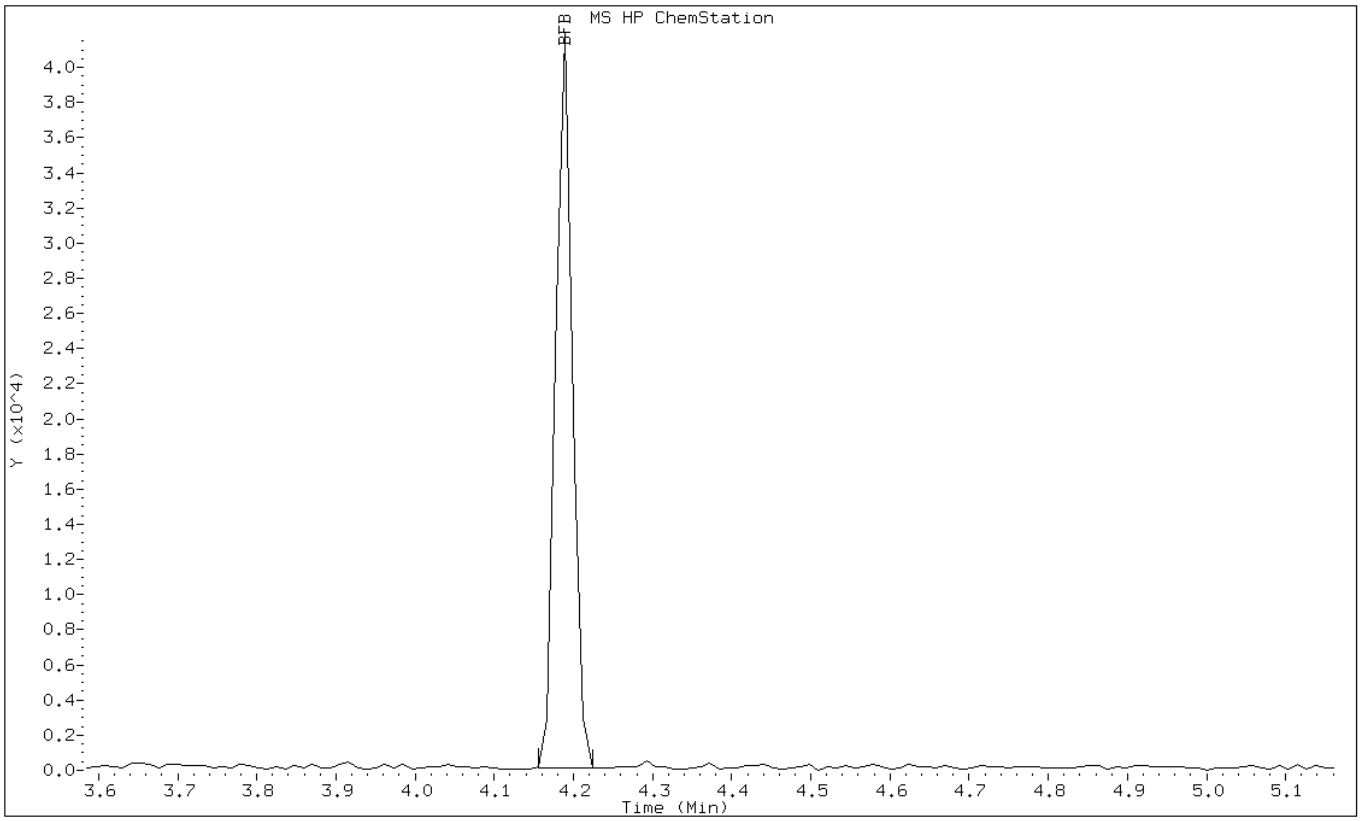
Date: 29-SEP-2010 09:13

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1



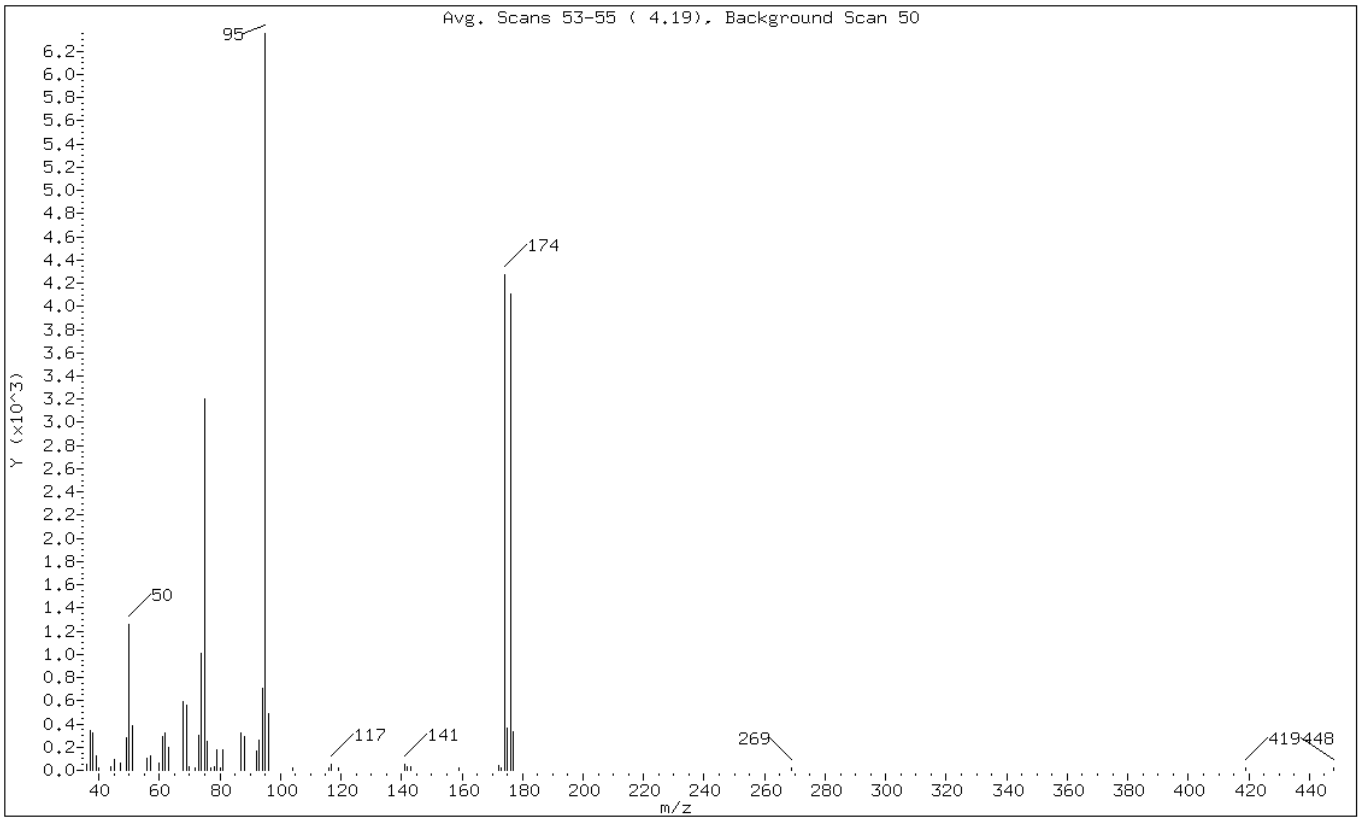
Data File: c51879.d

Date: 29-SEP-2010 09:13

Client ID: Instrument: VOAMS3.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	19.83
75	30.00 - 60.00% of mass 95	50.46
96	5.00 - 9.00% of mass 95	7.65
173	Less than 2.00% of mass 174	0.31 (0.47)
174	50.00 - 100.00% of mass 95	67.26
175	5.00 - 9.00% of mass 174	5.70 (8.47)
176	95.00 - 101.00% of mass 174	64.60 (96.04)
177	5.00 - 9.00% of mass 176	5.18 (8.02)

Data File: c51879.d

Date: 29-SEP-2010 09:13

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51879.d
Spectrum: Avg. Scans 53-55 (4.19), Background Scan 50
Location of Maximum: 95.00
Number of points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	53	61.00	292	80.00	18	142.00	26
37.00	341	62.00	321	81.00	179	143.00	28
38.00	319	63.00	201	87.00	327	159.00	21
39.00	126	68.00	590	88.00	294	172.00	41
40.00	16	69.00	565	92.00	168	173.00	20
44.00	26	70.00	26	93.00	262	174.00	4273
45.00	90	72.00	16	94.00	709	175.00	362
47.00	64	73.00	301	95.00	6353	176.00	4104
49.00	277	74.00	1006	96.00	486	177.00	329
50.00	1260	75.00	3206	104.00	16	269.00	18
51.00	389	76.00	246	116.00	21	419.00	17
56.00	108	77.00	20	117.00	53	448.00	21
57.00	127	78.00	27	119.00	20		
60.00	64	79.00	179	141.00	51		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-50393/27

Matrix: Water Lab File ID: c51912.d

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/29/2010 22:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 50393 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-50393/27

Matrix: Water | Lab File ID: c51912.d

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/29/2010 22:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 50393 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	1.0	U	1.0	0.28
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
1634-04-4	MTBE	1.0	U	1.0	0.18
123-91-1	p-Dioxane	1000	U	1000	86
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.83
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.13
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	70-122	
2037-26-5	Toluene-d8 (Surr)	95	69-125	
460-00-4	Bromofluorobenzene	99	69-135	

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-50393/27

Matrix: Water Lab File ID: c51912.d

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/29/2010 22:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 50393 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/VOAMS3.i/624_09/09-22-10/29sep10.b/c51912.d
Report Date: 30-Sep-2010 08:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51912.d
Lab Smp Id: MB
Inj Date : 29-SEP-2010 22:50
Operator : Inst ID: VOAMS3.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/624_09.m
Meth Date : 29-Sep-2010 09:52 desais Quant Type: ISTD
Cal Date : 22-SEP-2010 06:32 Cal File: c51566.d
Als bottle: 33 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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)
$ 49 1,2-Dichloroethane-d4 (SUR)	65	5.640	5.640	(0.947)	156259	51.3958	51
* 52 Fluorobenzene	96	5.957	5.956	(1.000)	570078	50.0000	
$ 66 Toluene-d8 (SUR)	98	7.569	7.575	(0.857)	438170	47.5290	48
* 77 Chlorobenzene-d5	117	8.834	8.834	(1.000)	397123	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.747	9.747	(0.921)	131044	49.2950	49
* 105 1,4-Dichlorobenzene-d4	152	10.580	10.580	(1.000)	187395	50.0000	

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51912.d
Report Date: 30-Sep-2010 08:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51912.d
Lab Smp Id: MB
Inj Date : 29-SEP-2010 22:50
Operator : Inst ID: VOAMS3.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/624_09.m
Meth Date : 29-Sep-2010 09:52 desais Quant Type: ISTD
Cal Date : 22-SEP-2010 06:32 Cal File: c51566.d
Als bottle: 33 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

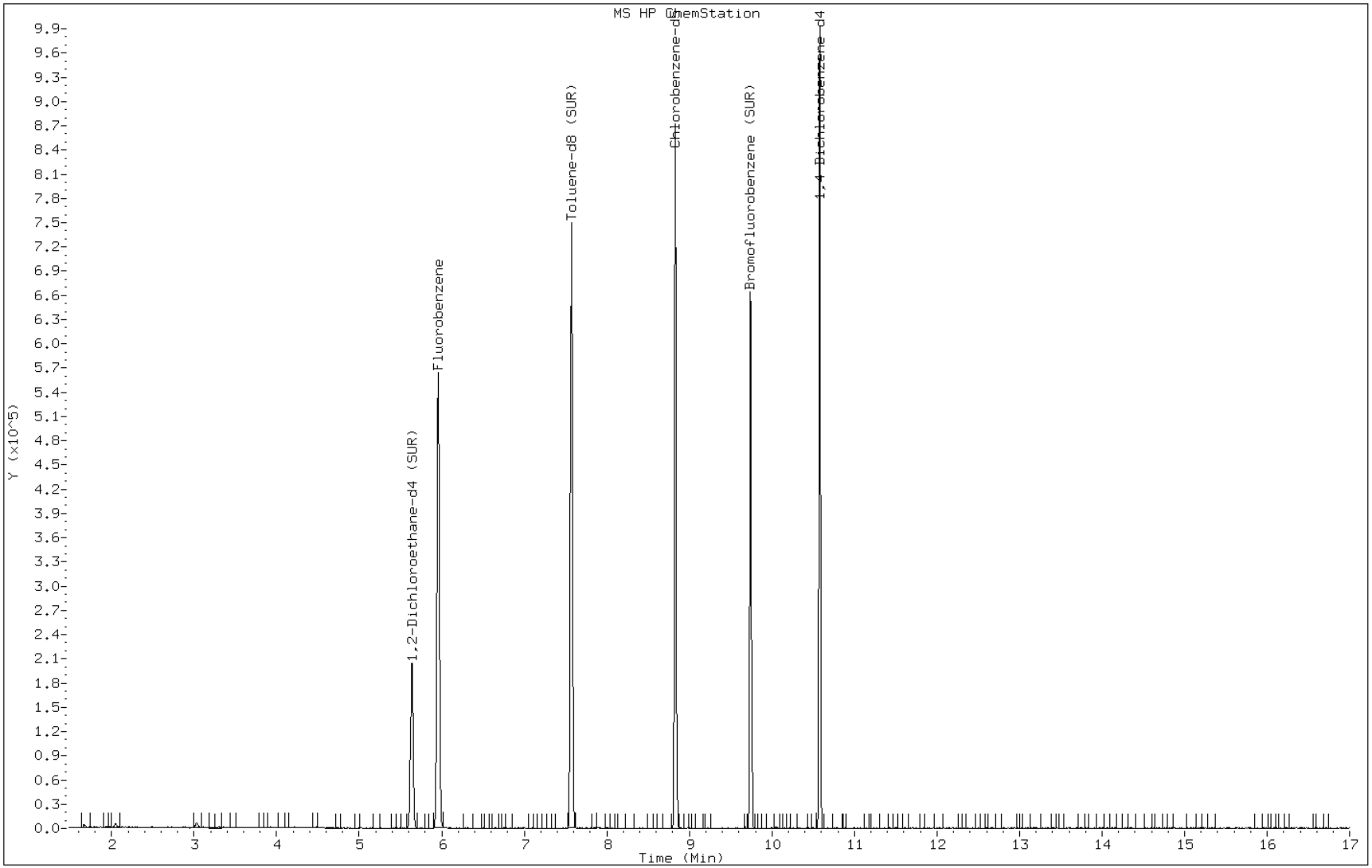
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: c51912.d

Date: 29-SEP-2010 22:50

Client ID: Instrument: VOAMS3.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-50393/26

Matrix: Water | Lab File ID: c51909.d

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/29/2010 21:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 50393 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.5		1.0	0.21
74-83-9	Bromomethane	23.7		1.0	0.31
75-01-4	Vinyl chloride	19.1		1.0	0.13
75-00-3	Chloroethane	19.4		1.0	0.45
75-09-2	Methylene Chloride	20.9		1.0	0.19
67-64-1	Acetone	18.6		10	2.5
75-15-0	Carbon disulfide	19.7		1.0	0.15
75-35-4	1,1-Dichloroethene	21.9		1.0	0.14
75-34-3	1,1-Dichloroethane	20.6		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	22.2		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.20
67-66-3	Chloroform	20.6		1.0	0.15
107-06-2	1,2-Dichloroethane	20.6		1.0	0.24
78-93-3	2-Butanone	17.6		10	0.82
71-55-6	1,1,1-Trichloroethane	21.2		1.0	0.25
56-23-5	Carbon tetrachloride	22.1		1.0	0.19
75-27-4	Bromodichloromethane	19.6		1.0	0.093
78-87-5	1,2-Dichloropropane	17.6		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.3		1.0	0.11
79-01-6	Trichloroethene	21.3		1.0	0.18
124-48-1	Dibromochloromethane	19.7		1.0	0.11
79-00-5	1,1,2-Trichloroethane	18.8		1.0	0.10
71-43-2	Benzene	18.3		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	17.6		1.0	0.12
75-25-2	Bromoform	18.3		1.0	0.10
108-10-1	4-Methyl-2-pentanone	15.0		10	0.68
591-78-6	2-Hexanone	14.7		10	0.55
127-18-4	Tetrachloroethene	21.1		1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	16.8		1.0	0.090
108-88-3	Toluene	18.7		1.0	0.090
108-90-7	Chlorobenzene	20.0		1.0	0.16
100-41-4	Ethylbenzene	19.3		1.0	0.25
100-42-5	Styrene	19.7		1.0	0.13
1330-20-7	Xylenes, Total	58.8		3.0	0.43
79-20-9	Methyl acetate	15.3		2.0	0.33
75-71-8	Dichlorodifluoromethane	21.8		1.0	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-50393/26

Matrix: Water Lab File ID: c51909.d

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/29/2010 21:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 50393 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	23.2		1.0	0.28
120-82-1	1,2,4-Trichlorobenzene	17.5		1.0	0.44
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1.0	0.15
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.22
1634-04-4	MTBE	18.6		1.0	0.18
123-91-1	p-Dioxane	2620		1000	86
87-61-6	1,2,3-Trichlorobenzene	18.0		1.0	0.83
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.16
98-82-8	Isopropylbenzene	20.0		1.0	0.21
108-87-2	Methylcyclohexane	20.0		1.0	0.090
75-69-4	Trichlorofluoromethane	22.6		1.0	0.16
110-82-7	Cyclohexane	18.0		1.0	0.13
106-93-4	1,2-Dibromoethane	19.1		1.0	0.090
106-46-7	1,4-Dichlorobenzene	19.5		1.0	0.15

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	70-122	
2037-26-5	Toluene-d8 (Surr)	94	69-125	
460-00-4	Bromofluorobenzene	99	69-135	

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51909.d
Report Date: 30-Sep-2010 06:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51909.d
Lab Smp Id: LCS
Inj Date : 29-SEP-2010 21:38
Operator : Inst ID: VOAMS3.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/624_09.m
Meth Date : 29-Sep-2010 09:52 desais Quant Type: ISTD
Cal Date : 22-SEP-2010 06:32 Cal File: c51566.d
Als bottle: 30 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.528	1.534	(0.256)	51670	21.8023	22
4 Chloromethane	50	1.728	1.728	(0.290)	62202	16.5297	16
3 Vinyl Chloride	62	1.820	1.820	(0.306)	67400	19.1422	19
5 Bromomethane	94	2.142	2.130	(0.360)	36015	23.7465	24
6 Chloroethane	64	2.233	2.233	(0.375)	44106	19.4403	19
8 Trichlorofluoromethane	101	2.434	2.434	(0.409)	87318	22.6351	23
7 n-Pentane	72	2.489	2.483	(0.418)	9967	22.9722	23
20 Ethanol	46	2.647	2.653	(0.444)	22484	2187.76	2200
10 Ethyl Ether	59	2.702	2.702	(0.454)	49926	20.7278	21
9 Isoprene	67	2.720	2.720	(0.457)	84723	22.7280	23
14 Freon TF	101	2.884	2.884	(0.484)	51562	23.2381	23
16 Acrolein	56	2.890	2.896	(0.485)	11696	37.0866	37
11 1,1-Dichloroethene	96	2.927	2.927	(0.491)	48092	21.8898	22
24 Acetone	58	3.036	3.030	(0.510)	5122	18.6055	19
18 Allyl Chloride	76	3.292	3.286	(0.553)	30137	20.0051	20
13 Carbon Disulfide	76	3.134	3.134	(0.526)	113779	19.7216	20

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51909.d
Report Date: 30-Sep-2010 06:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	21 Isopropanol	45	3.122	3.134	(0.524)	316882	2622.73	2600
	26 Methyl Acetate	74	3.304	3.304	(0.555)	11279	15.3364	15
	19 Acetonitrile	39	3.365	3.365	(0.565)	23423	326.817	330
	22 Methylene Chloride	84	3.432	3.432	(0.576)	60130	20.8996	21
	30 TBA	59	3.505	3.511	(0.588)	63317	328.965	330
	29 MTBE	73	3.614	3.614	(0.607)	148458	18.5512	18
	25 trans-1,2-Dichloroethene	96	3.645	3.645	(0.612)	55789	22.1639	22
	17 Acrylonitrile	53	3.736	3.736	(0.627)	18156	17.1578	17
	28 Hexane	56	3.821	3.821	(0.642)	39280	21.0784	21
	32 DIPE	45	4.071	4.071	(0.683)	195790	17.9582	18
	33 1,1-Dichloroethane	63	4.107	4.107	(0.690)	107329	20.5987	20
	34 Allyl Alcohol	57	4.132	4.137	(0.694)	95229	2705.56	2700
	35 n-Propanol	60	4.192	4.192	(0.704)	17099	2385.30	2400
	31 t-Butyl ethyl ether	59	4.436	4.442	(0.745)	179647	19.1025	19
	37 2,2-Dichloropropane	77	4.673	4.679	(0.784)	64691	20.5261	20
	36 cis-1,2-Dichloroethene	96	4.709	4.709	(0.791)	57390	20.3891	20
	42 Ethyl Acetate	70	4.740	4.740	(0.796)	8574	28.7725	29
	46 2-Butanone	72	4.734	4.740	(0.795)	4800	17.6045	18
	39 Bromochloromethane	128	4.971	4.977	(0.835)	24938	20.6463	21
	43 Tetrahydrofuran	42	4.983	4.983	(0.837)	13421	18.0822	18
	40 Chloroform	83	5.038	5.038	(0.846)	94028	20.5739	20
	38 Cyclohexane	56	5.178	5.178	(0.869)	84833	18.0200	18
	44 1,1,1-Trichloroethane	97	5.202	5.202	(0.873)	78101	21.2084	21
	41 Carbon Tetrachloride	117	5.336	5.336	(0.896)	58284	22.0860	22
	45 1,1-Dichloropropene	75	5.379	5.379	(0.903)	68110	19.0313	19
	48 Benzene	78	5.616	5.616	(0.636)	215409	18.3150	18
$	49 1,2-Dichloroethane-d4 (SUR)	65	5.640	5.640	(0.947)	161594	49.4394	49
	62 Isopropyl Acetate	43	5.689	5.695	(0.955)	193982	31.6369	32
	50 t-Amyl methyl ether	73	5.689	5.695	(0.955)	141536	17.9512	18
	51 1,2-Dichloroethane	62	5.725	5.731	(0.961)	71685	20.6179	21
	47 n-Heptane	57	5.798	5.798	(0.973)	29133	17.3260	17
*	52 Fluorobenzene	96	5.957	5.956	(1.000)	612871	50.0000	
	57 n-Butanol	56	6.316	6.321	(1.060)	45096	1103.45	1100
	55 Trichloroethene	95	6.358	6.358	(1.067)	57661	21.3447	21
	53 Ethyl Acrylate	55	6.492	6.492	(1.090)	114092	17.8966	18
	54 Methyl cyclohexane	83	6.486	6.486	(1.089)	80403	19.9943	20
	58 1,2-Dichloropropane	63	6.662	6.662	(0.754)	54885	17.5533	18
	60 Methyl Methacrylate	100	6.735	6.741	(0.762)	9646	16.7177	17
	61 1,4-Dioxane	88	6.772	6.778	(0.767)	50685	2624.60	2600
	63 Propyl Acetate	43	6.790	6.796	(0.769)	121136	27.5762	28
	56 Dibromomethane	93	6.790	6.790	(0.769)	30666	19.1457	19
	59 Bromodichloromethane	83	6.930	6.930	(0.784)	64498	19.5935	20
	64 2-Chloroethyl Vinyl Ether	63	7.234	7.234	(0.819)	26403	14.7640	15
	68 Epichlorohydrin	57	7.325	7.331	(0.829)	69255	316.444	320
	65 cis-1,3-Dichloropropene	75	7.368	7.374	(0.834)	79025	18.3373	18
	70 4-Methyl-2-Pentanone	43	7.502	7.508	(0.849)	32586	15.0223	15
$	66 Toluene-d8 (SUR)	98	7.569	7.575	(0.857)	471386	47.1510	47

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51909.d
Report Date: 30-Sep-2010 06:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	67 Toluene	91	7.630	7.636	(0.864)	225994	18.7206	19
	94 trans-1,3-Dichloropropene	75	7.897	7.903	(0.894)	65510	17.6031	18
	71 1,1,2-Trichloroethane	83	8.062	8.061	(0.913)	37582	18.7985	19
	69 Tetrachloroethene	166	8.092	8.092	(0.916)	43113	21.1036	21
	73 1,3-Dichloropropane	76	8.207	8.207	(0.929)	78771	17.9238	18
	76 2-Hexanone	43	8.244	8.244	(0.933)	20551	14.6731	15
	75 Butyl Acetate	73	8.317	8.317	(0.941)	19530	31.5390	32
	72 Dibromochloromethane	129	8.372	8.372	(0.948)	38934	19.6506	20
	74 1,2-Dibromoethane	107	8.481	8.481	(0.960)	41505	19.1338	19
*	77 Chlorobenzene-d5	117	8.834	8.834	(1.000)	430652	50.0000	
	78 Chlorobenzene	112	8.852	8.852	(1.002)	134230	19.9981	20
	79 Ethylbenzene	106	8.907	8.913	(1.008)	72294	19.3042	19
	80 1,1,1,2-Tetrachloroethane	131	8.925	8.925	(1.010)	42180	20.0625	20
	81 m+p-Xylene	106	9.004	9.004	(1.019)	180727	39.3605	39
	85 Butyl Acrylate	73	9.278	9.278	(1.050)	29636	16.6098	17
	82 o-Xylene	106	9.321	9.321	(1.055)	88953	19.4553	19
	84 Styrene	104	9.339	9.339	(1.057)	150144	19.6974	20
	88 Amyl Acetate	43	9.442	9.442	(1.069)	64891	27.1468	27(R)
	83 Bromoform	173	9.515	9.515	(1.077)	17838	18.2896	18
	86 Isopropylbenzene	105	9.582	9.582	(1.085)	205652	20.0168	20
$	89 Bromofluorobenzene (SUR)	174	9.747	9.747	(0.921)	144264	49.3408	49
	87 Camphene (total)	93	9.759	9.759	(0.922)	90736	24.1198	24
	92 1,1,2,2-Tetrachloroethane	83	9.862	9.868	(0.932)	42629	16.7878	17
	90 Bromobenzene	156	9.856	9.856	(0.932)	50509	19.6457	20
	91 n-Propylbenzene	91	9.887	9.893	(0.934)	278486	19.2910	19
	95 1,2,3-Trichloropropane	110	9.911	9.911	(0.937)	14322	17.9564	18
	97 trans-1,4-Dichloro-2-butene	53	9.911	9.911	(0.937)	13346	16.4819	16
	93 2-Chlorotoluene	91	9.984	9.984	(0.944)	163571	18.1406	18
	96 1,3,5-Trimethylbenzene	105	10.020	10.020	(0.947)	182627	18.7039	19
	99 Butyl Methacrylate	87	10.069	10.069	(0.952)	62912	16.7853	17
	98 4-Chlorotoluene	91	10.069	10.069	(0.952)	168948	18.5441	18
	102 tert-Butylbenzene	119	10.245	10.251	(0.968)	146733	19.0603	19
	100 1,2,4-Trimethylbenzene	105	10.294	10.294	(0.973)	182574	18.1590	18
	108 2-Octanone	43	10.367	10.367	(0.980)	58331	14.9573	15
	101 sec-Butylbenzene	105	10.404	10.404	(0.983)	230519	19.8555	20
	103 p-Isopropyltoluene	119	10.501	10.501	(0.993)	182591	19.6261	20
	104 1,3-Dichlorobenzene	146	10.525	10.531	(0.995)	95488	19.8389	20
*	105 1,4-Dichlorobenzene-d4	152	10.580	10.580	(1.000)	206108	50.0000	
	106 1,4-Dichlorobenzene	146	10.598	10.598	(1.002)	97675	19.4986	19
	109 Benzyl Chloride	91	10.696	10.696	(1.011)	49778	16.0119	16
	110 n-Butylbenzene	91	10.793	10.793	(1.020)	172527	18.8856	19
	111 1,2-Dichlorobenzene	146	10.866	10.866	(1.027)	88207	19.0911	19
	112 1,2-Dibromo-3-chloropropane	75	11.438	11.438	(1.081)	7274	18.3016	18
	115 Camphor	95	12.004	12.010	(1.135)	15640	76.7971	77
	113 1,2,4-Trichlorobenzene	180	12.083	12.089	(1.142)	41792	17.4968	17
	114 Hexachlorobutadiene	225	12.174	12.168	(1.151)	17382	19.8624	20
	116 Naphthalene	128	12.332	12.332	(1.166)	111740	17.3717	17

Data File: /chem/VOAMS3.i/624_09/09-22-10/29sep10.b/c51909.d
Report Date: 30-Sep-2010 06:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	12.563	12.569	(1.187)	33496	17.9872	18
M 120 1,2-Dichloroethene (Total)	100				113179	40.0905	40
M 121 Xylene (Total)	100				269680	58.8165	59

QC Flag Legend

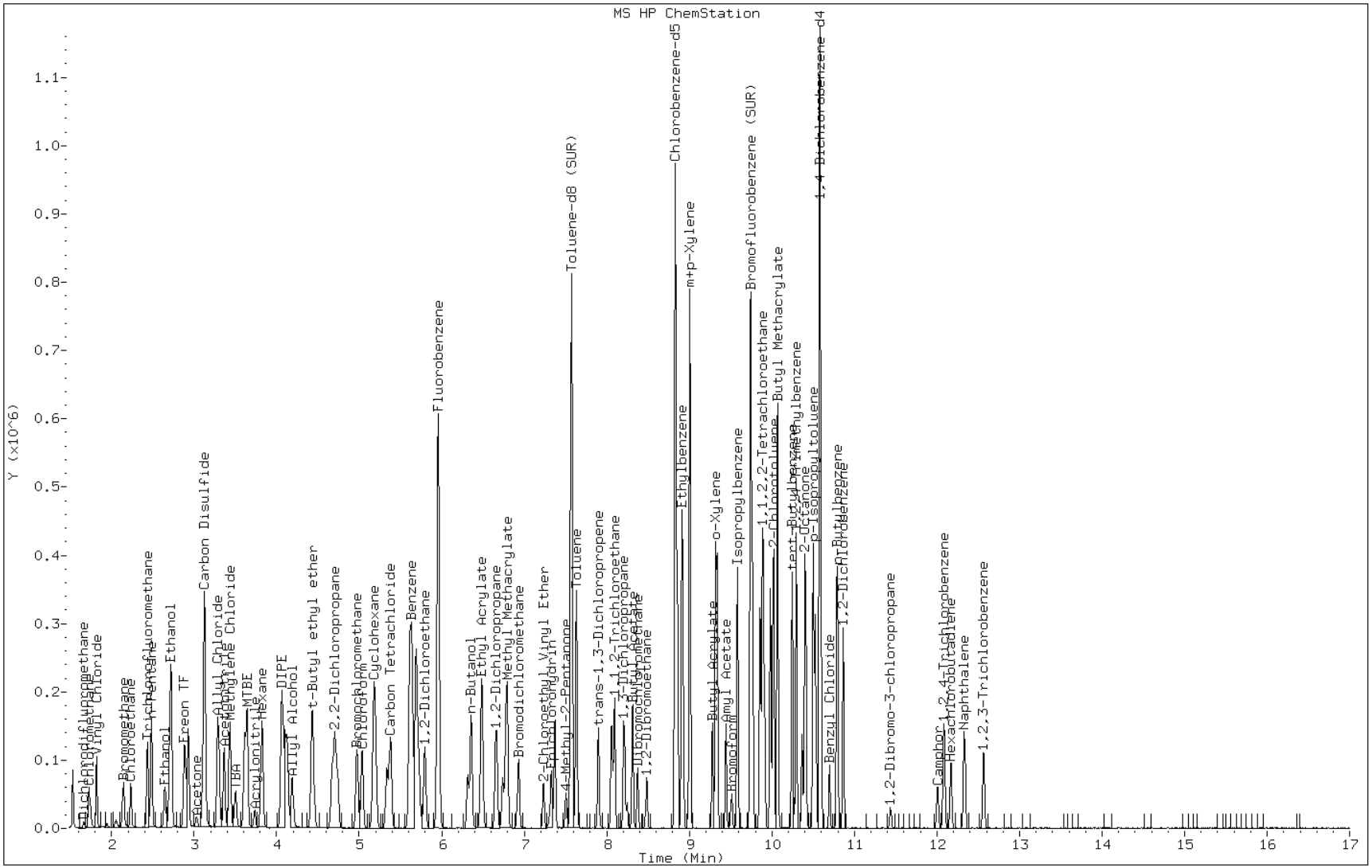
R - Spike/Surrogate failed recovery limits.

Data File: c51909.d

Date: 29-SEP-2010 21:38

Client ID: Instrument: VOAMS3.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 MS | Lab Sample ID: 460-17876-1 MS

Matrix: WG | Lab File ID: c51914.d

Analysis Method: 624 | Date Collected: 09/22/2010 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/29/2010 23:37

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 50393 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	87.6		5.0	1.0
74-83-9	Bromomethane	121		5.0	1.6
75-01-4	Vinyl chloride	112		5.0	0.65
75-00-3	Chloroethane	118		5.0	2.2
75-09-2	Methylene Chloride	109		5.0	0.95
67-64-1	Acetone	154		50	12
75-15-0	Carbon disulfide	104		5.0	0.75
75-35-4	1,1-Dichloroethene	117		5.0	0.70
75-34-3	1,1-Dichloroethane	105		5.0	0.50
156-60-5	trans-1,2-Dichloroethene	114		5.0	0.70
156-59-2	cis-1,2-Dichloroethene	180		5.0	1.0
67-66-3	Chloroform	103		5.0	0.75
107-06-2	1,2-Dichloroethane	107		5.0	1.2
78-93-3	2-Butanone	107		50	4.1
71-55-6	1,1,1-Trichloroethane	109		5.0	1.2
56-23-5	Carbon tetrachloride	113		5.0	0.95
75-27-4	Bromodichloromethane	98.7		5.0	0.46
78-87-5	1,2-Dichloropropane	88.3		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	91.2		5.0	0.55
79-01-6	Trichloroethene	101		5.0	0.90
124-48-1	Dibromochloromethane	100		5.0	0.55
79-00-5	1,1,2-Trichloroethane	94.6		5.0	0.50
71-43-2	Benzene	94.0		5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	87.9		5.0	0.60
75-25-2	Bromoform	92.8		5.0	0.50
108-10-1	4-Methyl-2-pentanone	81.5		50	3.4
591-78-6	2-Hexanone	86.3		50	2.8
127-18-4	Tetrachloroethene	113		5.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	97.3		5.0	0.45
108-88-3	Toluene	98.3		5.0	0.45
108-90-7	Chlorobenzene	104		5.0	0.80
100-41-4	Ethylbenzene	105		5.0	1.2
100-42-5	Styrene	100		5.0	0.65
1330-20-7	Xylenes, Total	315		15	2.2
79-20-9	Methyl acetate	81.4		10	1.6
75-71-8	Dichlorodifluoromethane	116		5.0	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 MS | Lab Sample ID: 460-17876-1 MS

Matrix: WG | Lab File ID: c51914.d

Analysis Method: 624 | Date Collected: 09/22/2010 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/29/2010 23:37

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 50393 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	123		5.0	1.4
120-82-1	1,2,4-Trichlorobenzene	118		5.0	2.2
96-12-8	1,2-Dibromo-3-Chloropropane	88.7		5.0	0.75
541-73-1	1,3-Dichlorobenzene	101		5.0	1.1
1634-04-4	MTBE	98.3		5.0	0.90
123-91-1	p-Dioxane	14000		5000	430
87-61-6	1,2,3-Trichlorobenzene	105		5.0	4.2
95-50-1	1,2-Dichlorobenzene	99.3		5.0	0.80
98-82-8	Isopropylbenzene	104		5.0	1.0
108-87-2	Methylcyclohexane	106		5.0	0.45
75-69-4	Trichlorofluoromethane	120		5.0	0.80
110-82-7	Cyclohexane	94.3		5.0	0.65
106-93-4	1,2-Dibromoethane	97.5		5.0	0.45
106-46-7	1,4-Dichlorobenzene	99.7		5.0	0.75

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100	70-122	
2037-26-5	Toluene-d8 (Surr)	95	69-125	
460-00-4	Bromofluorobenzene	100	69-135	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 MSD | Lab Sample ID: 460-17876-1 MSD

Matrix: WG | Lab File ID: c51915.d

Analysis Method: 624 | Date Collected: 09/22/2010 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/30/2010 00:01

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 50393 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	81.1		5.0	1.0
74-83-9	Bromomethane	110		5.0	1.6
75-01-4	Vinyl chloride	102		5.0	0.65
75-00-3	Chloroethane	96.6		5.0	2.2
75-09-2	Methylene Chloride	103		5.0	0.95
67-64-1	Acetone	156		50	12
75-15-0	Carbon disulfide	98.2		5.0	0.75
75-35-4	1,1-Dichloroethene	108		5.0	0.70
75-34-3	1,1-Dichloroethane	97.8		5.0	0.50
156-60-5	trans-1,2-Dichloroethene	110		5.0	0.70
156-59-2	cis-1,2-Dichloroethene	169		5.0	1.0
67-66-3	Chloroform	100		5.0	0.75
107-06-2	1,2-Dichloroethane	102		5.0	1.2
78-93-3	2-Butanone	105		50	4.1
71-55-6	1,1,1-Trichloroethane	99.3		5.0	1.2
56-23-5	Carbon tetrachloride	111		5.0	0.95
75-27-4	Bromodichloromethane	97.3		5.0	0.46
78-87-5	1,2-Dichloropropane	85.8		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	86.7		5.0	0.55
79-01-6	Trichloroethene	94.3		5.0	0.90
124-48-1	Dibromochloromethane	97.7		5.0	0.55
79-00-5	1,1,2-Trichloroethane	92.2		5.0	0.50
71-43-2	Benzene	88.9		5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	86.4		5.0	0.60
75-25-2	Bromoform	95.3		5.0	0.50
108-10-1	4-Methyl-2-pentanone	81.5		50	3.4
591-78-6	2-Hexanone	78.3		50	2.8
127-18-4	Tetrachloroethene	101		5.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	90.8		5.0	0.45
108-88-3	Toluene	93.3		5.0	0.45
108-90-7	Chlorobenzene	99.3		5.0	0.80
100-41-4	Ethylbenzene	101		5.0	1.2
100-42-5	Styrene	95.3		5.0	0.65
1330-20-7	Xylenes, Total	298		15	2.2
79-20-9	Methyl acetate	71.4		10	1.6
75-71-8	Dichlorodifluoromethane	99.9		5.0	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 MSD | Lab Sample ID: 460-17876-1 MSD

Matrix: WG | Lab File ID: c51915.d

Analysis Method: 624 | Date Collected: 09/22/2010 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/30/2010 00:01

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 50393 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	110		5.0	1.4
120-82-1	1,2,4-Trichlorobenzene	111		5.0	2.2
96-12-8	1,2-Dibromo-3-Chloropropane	81.2		5.0	0.75
541-73-1	1,3-Dichlorobenzene	96.5		5.0	1.1
1634-04-4	MTBE	95.1		5.0	0.90
123-91-1	p-Dioxane	15300		5000	430
87-61-6	1,2,3-Trichlorobenzene	93.5		5.0	4.2
95-50-1	1,2-Dichlorobenzene	95.5		5.0	0.80
98-82-8	Isopropylbenzene	98.9		5.0	1.0
108-87-2	Methylcyclohexane	92.9		5.0	0.45
75-69-4	Trichlorofluoromethane	111		5.0	0.80
110-82-7	Cyclohexane	88.8		5.0	0.65
106-93-4	1,2-Dibromoethane	92.6		5.0	0.45
106-46-7	1,4-Dichlorobenzene	94.3		5.0	0.75

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101	70-122	
2037-26-5	Toluene-d8 (Surr)	95	69-125	
460-00-4	Bromofluorobenzene	97	69-135	

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 09/22/2010 02:09

Analysis Batch Number: 49608 End Date: 09/22/2010 08:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-49608/1		09/22/2010 02:09	1	c51555.d	Rtx-624 0.25(mm)
IC 460-49608/2		09/22/2010 03:45	1	c51559.d	Rtx-624 0.25(mm)
IC 460-49608/3		09/22/2010 04:33	1	c51561.d	Rtx-624 0.25(mm)
ICIS 460-49608/4		09/22/2010 05:20	1	c51563.d	Rtx-624 0.25(mm)
IC 460-49608/5		09/22/2010 05:44	1	c51564.d	Rtx-624 0.25(mm)
IC 460-49608/6		09/22/2010 06:08	1	c51565.d	Rtx-624 0.25(mm)
IC 460-49608/7		09/22/2010 06:32	1	c51566.d	Rtx-624 0.25(mm)
ZZZZZ		09/22/2010 08:32	1		Rtx-624 0.25(mm)
ZZZZZ		09/22/2010 08:56	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 09/29/2010 09:13

Analysis Batch Number: 50393 End Date: 09/30/2010 08:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-50393/1		09/29/2010 09:13	1	c51879.d	Rtx-624 0.25(mm)
CCVIS 460-50393/2		09/29/2010 09:33	1	c51880.d	Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 10:08	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 11:08	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 11:43	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 12:07	5		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 12:31	10		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 12:55	10		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 13:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 13:42	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 14:54	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 14:54	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 14:54	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 14:54	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 15:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 15:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 15:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 15:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 15:41	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 15:41	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 15:41	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 15:41	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 16:05	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 16:29	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 16:53	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 17:16	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 17:40	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 18:04	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 18:28	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 18:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 19:15	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 19:39	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 20:03	1		Rtx-624 0.25(mm)
ZZZZZ		09/29/2010 20:27	1		Rtx-624 0.25(mm)
LCS 460-50393/26		09/29/2010 21:38	1	c51909.d	Rtx-624 0.25(mm)
MB 460-50393/27		09/29/2010 22:50	1	c51912.d	Rtx-624 0.25(mm)
460-17876-1	MW-18	09/29/2010 23:14	1	c51913.d	Rtx-624 0.25(mm)
460-17876-1 MS	MW-18 MS	09/29/2010 23:37	5	c51914.d	Rtx-624 0.25(mm)
460-17876-1 MSD	MW-18 MSD	09/30/2010 00:01	5	c51915.d	Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 01:13	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 01:37	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 02:00	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 02:24	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 02:48	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 03:12	1		Rtx-624 0.25(mm)

624

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 09/29/2010 09:13

Analysis Batch Number: 50393 End Date: 09/30/2010 08:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/30/2010 03:36	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 03:59	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 04:23	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 04:47	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 05:11	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 05:35	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 05:59	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 06:22	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 06:46	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 07:10	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 07:34	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 07:34	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 07:58	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2010 08:22	1		Rtx-624 0.25(mm)

Method 625

Semivolatile Organic Compounds (GC/MS) by Method 625

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
MW-18	460-17876-1	29	17	78	80	75	108
	MB 460-50059/1-A	25	18	84	69	74	110
	LCS 460-50059/2-A	28	21	84	87	85	99
	460-17860-G-5-A MS	30	24	84	80	77	93
	460-17860-G-5-B MSD	32	24	93	82	86	105

	QC LIMITS
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Column to be used to flag recovery values

FORM II 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: m48339.d

Lab ID: LCS 460-50059/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	100	22.6	23	5-112	
2-Chlorophenol	100	69.5	70	23-134	
2-Methylphenol	100	59.3	59	31-89	
4-Methylphenol	100	50.2	50	21-78	
2-Nitrophenol	100	72.4	72	29-182	
2,4-Dimethylphenol	100	73.0	73	32-119	
2,4-Dichlorophenol	100	74.1	74	39-135	
4-Chloro-3-methylphenol	100	76.5	76	22-147	
2,4,6-Trichlorophenol	100	86.9	87	37-144	
2,4,5-Trichlorophenol	100	86.5	86	54-122	
2,4-Dinitrophenol	100	20.2 J	20	0.1-191	
4-Nitrophenol	100	11.6 J	12	0.1-132	
4,6-Dinitro-2-methylphenol	100	53.5	53	0.1-181	
Pentachlorophenol	100	72.1	72	14-176	
Bis(2-chloroethyl)ether	100	66.4	66	12-158	
1,3-Dichlorobenzene	100	74.1	74	0.1-172	
1,4-Dichlorobenzene	100	73.6	74	20-124	
1,2-Dichlorobenzene	100	72.1	72	32-129	
N-Nitrosodi-n-propylamine	100	81.6	82	0.1-230	
Hexachloroethane	100	77.3	77	40-113	
Nitrobenzene	100	90.3	90	35-180	
Isophorone	100	77.0	77	21-196	
Bis(2-chloroethoxy)methane	100	89.8	90	33-184	
1,2,4-Trichlorobenzene	100	78.8	79	44-142	
Naphthalene	100	77.2	77	21-133	
4-Chloroaniline	100	76.5	76	44-108	
Hexachlorobutadiene	100	82.7	83	24-116	
2-Methylnaphthalene	100	69.6	70	53-120	
Hexachlorocyclopentadiene	100	70.6	71	31-102	
2-Chloronaphthalene	100	90.1	90	60-118	
2-Nitroaniline	100	88.7	89	55-127	
Dimethyl phthalate	100	89.9	90	0.1-112	
Acenaphthylene	100	91.6	92	33-145	
2,6-Dinitrotoluene	100	98.2	98	50-158	
3-Nitroaniline	100	81.9	82	50-119	
Acenaphthene	100	93.0	93	47-145	
Dibenzofuran	100	88.2	88	60-120	
2,4-Dinitrotoluene	100	94.2	94	39-139	
Diethyl phthalate	100	77.4	77	0.1-114	
4-Chlorophenyl phenyl ether	100	80.7	81	25-158	
Fluorene	100	79.0	79	59-121	
4-Nitroaniline	100	76.4	76	42-129	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: m48339.d

Lab ID: LCS 460-50059/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	100	95.5	95	64-126	
4-Bromophenyl phenyl ether	100	89.4	89	53-127	
Hexachlorobenzene	100	91.6	92	0.1-152	
Phenanthrene	100	89.2	89	54-120	
Anthracene	100	82.1	82	27-133	
Carbazole	100	80.3	80	57-119	
Di-n-butyl phthalate	100	85.4	85	1-118	
Fluoranthene	100	84.2	84	26-137	
Pyrene	100	94.6	95	52-115	
Butyl benzyl phthalate	100	85.4	85	0.1-152	
3,3'-Dichlorobenzidine	100	102	102	0.1-262	
Benzo[a]anthracene	100	85.3	85	33-143	
Chrysene	100	83.3	83	17-168	
Bis(2-ethylhexyl) phthalate	100	84.7	85	8-158	
Di-n-octyl phthalate	100	84.3	84	4-146	
Benzo[b]fluoranthene	100	80.1	80	24-159	
Benzo[k]fluoranthene	100	86.2	86	11-162	
Benzo[a]pyrene	100	81.9	82	17-163	
Indeno[1,2,3-cd]pyrene	100	87.3	87	0.1-171	
Dibenz(a,h)anthracene	100	87.1	87	0.1-227	
Benzo[g,h,i]perylene	100	81.8	82	0.1-219	
bis (2-chloroisopropyl) ether	100	88.9	89	36-166	
2,3,4,6-Tetrachlorophenol	100	84.2	84	55-124	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: m48310.d

Lab ID: 460-17860-G-5-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Phenol	102	10 U	28.0	27	5-112	
2-Chlorophenol	102	10 U	63.6	62	23-134	
2-Methylphenol	102	10 U	66.1	65	31-89	
4-Methylphenol	102	10 U	60.8	60	21-78	
2-Nitrophenol	102	10 U	81.9	80	29-182	
2,4-Dimethylphenol	102	10 U	81.3	80	32-119	
2,4-Dichlorophenol	102	10 U	78.5	77	39-135	
4-Chloro-3-methylphenol	102	10 U	77.4	76	22-147	
2,4,6-Trichlorophenol	102	10 U	79.7	78	37-144	
2,4,5-Trichlorophenol	102	10 U	81.6	80	54-122	
2,4-Dinitrophenol	102	31 U	76.9	75	0.1-191	
4-Nitrophenol	102	31 U	16.0 J	16	0.1-132	
4,6-Dinitro-2-methylphenol	102	31 U	88.0	86	0.1-181	
Pentachlorophenol	102	31 U	101	99	14-176	
Bis(2-chloroethyl)ether	102	1.0 U	64.2	63	12-158	
1,3-Dichlorobenzene	102	10 U	72.1	71	0.1-172	
1,4-Dichlorobenzene	102	10 U	72.6	71	20-124	
1,2-Dichlorobenzene	102	10 U	75.0	74	32-129	
N-Nitrosodi-n-propylamine	102	1.0 U	90.2	88	0.1-230	
Hexachloroethane	102	1.0 U	68.0	67	40-113	
Nitrobenzene	102	1.0 U	78.0	76	35-180	
Isophorone	102	10 U	82.0	80	21-196	
Bis(2-chloroethoxy)methane	102	10 U	90.4	89	33-184	
1,2,4-Trichlorobenzene	102	1.0 U	82.6	81	44-142	
Naphthalene	102	10 U	80.8	79	21-133	
4-Chloroaniline	102	10 U	60.8	60	44-108	
Hexachlorobutadiene	102	2.0 U	78.8	77	24-116	
2-Methylnaphthalene	102	10 U	72.3	71	53-120	
Hexachlorocyclopentadiene	102	10 U	60.2	59	31-102	
2-Chloronaphthalene	102	10 U	84.9	83	60-118	
2-Nitroaniline	102	20 U	83.3	82	55-127	
Dimethyl phthalate	102	10 U	83.4	82	0.1-112	
Acenaphthylene	102	10 U	79.2	78	33-145	
2,6-Dinitrotoluene	102	2.0 U	79.0	77	50-158	
3-Nitroaniline	102	20 U	68.0	67	50-119	
Acenaphthene	102	10 U	81.8	80	47-145	
Dibenzofuran	102	10 U	81.7	80	60-120	
2,4-Dinitrotoluene	102	2.0 U	82.8	81	39-139	
Diethyl phthalate	102	10 U	80.5	79	0.1-114	
4-Chlorophenyl phenyl ether	102	10 U	85.6	84	25-158	
Fluorene	102	10 U	74.8	73	59-121	
4-Nitroaniline	102	20 U	66.0	65	42-129	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: m48310.d

Lab ID: 460-17860-G-5-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	102	10 U	92.8	91	64-126	
4-Bromophenyl phenyl ether	102	10 U	91.6	90	53-127	
Hexachlorobenzene	102	1.0 U	94.2	92	0.1-152	
Phenanthrene	102	10 U	88.2	86	54-120	
Anthracene	102	10 U	88.7	87	27-133	
Carbazole	102	10 U	80.4	79	57-119	
Di-n-butyl phthalate	102	10 U	87.8	86	1-118	
Fluoranthene	102	10 U	80.5	79	26-137	
Pyrene	102	10 U	96.3	94	52-115	
Butyl benzyl phthalate	102	10 U	99.1	97	0.1-152	
3,3'-Dichlorobenzidine	102	20 U	21.0	21	0.1-262	
Benzo[a]anthracene	102	1.0 U	92.3	90	33-143	
Chrysene	102	10 U	96.4	94	17-168	
Bis(2-ethylhexyl) phthalate	102	10 U	105	103	8-158	
Di-n-octyl phthalate	102	10 U	90.3	89	4-146	
Benzo[b]fluoranthene	102	1.0 U	94.5	93	24-159	
Benzo[k]fluoranthene	102	1.0 U	95.2	93	11-162	
Benzo[a]pyrene	102	1.0 U	89.3	88	17-163	
Indeno[1,2,3-cd]pyrene	102	1.0 U	99.8	98	0.1-171	
Dibenz(a,h)anthracene	102	1.0 U	103	101	0.1-227	
Benzo[g,h,i]perylene	102	10 U	108	106	0.1-219	
bis (2-chloroisopropyl) ether	102	10 U	86.7	85	36-166	
2,3,4,6-Tetrachlorophenol	102	10 U	80.4	79	55-124	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: m48311.d

Lab ID: 460-17860-G-5-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	102	27.6	27	1	40	5-112	
2-Chlorophenol	102	72.9	71	14	40	23-134	
2-Methylphenol	102	71.9	70	8	40	31-89	
4-Methylphenol	102	62.5	61	3	40	21-78	
2-Nitrophenol	102	90.4	89	10	40	29-182	
2,4-Dimethylphenol	102	92.1	90	12	40	32-119	
2,4-Dichlorophenol	102	83.9	82	7	40	39-135	
4-Chloro-3-methylphenol	102	82.2	81	6	40	22-147	
2,4,6-Trichlorophenol	102	88.4	87	10	40	37-144	
2,4,5-Trichlorophenol	102	85.6	84	5	40	54-122	
2,4-Dinitrophenol	102	82.9	81	8	40	0.1-191	
4-Nitrophenol	102	7.19 J	7	76	40	0.1-132	F
4,6-Dinitro-2-methylphenol	102	105	103	18	40	0.1-181	
Pentachlorophenol	102	104	102	2	40	14-176	
Bis(2-chloroethyl)ether	102	66.7	65	4	40	12-158	
1,3-Dichlorobenzene	102	76.6	75	6	40	0.1-172	
1,4-Dichlorobenzene	102	73.3	72	1	40	20-124	
1,2-Dichlorobenzene	102	75.0	74	0	40	32-129	
N-Nitrosodi-n-propylamine	102	95.6	94	6	40	0.1-230	
Hexachloroethane	102	79.0	77	15	40	40-113	
Nitrobenzene	102	88.3	87	12	40	35-180	
Isophorone	102	88.4	87	8	40	21-196	
Bis(2-chloroethoxy)methane	102	99.1	97	9	40	33-184	
1,2,4-Trichlorobenzene	102	84.0	82	2	40	44-142	
Naphthalene	102	76.9	75	5	40	21-133	
4-Chloroaniline	102	67.6	66	11	40	44-108	
Hexachlorobutadiene	102	83.4	82	6	40	24-116	
2-Methylnaphthalene	102	80.8	79	11	40	53-120	
Hexachlorocyclopentadiene	102	58.8	58	2	40	31-102	
2-Chloronaphthalene	102	89.3	87	5	40	60-118	
2-Nitroaniline	102	89.3	87	7	40	55-127	
Dimethyl phthalate	102	86.8	85	4	40	0.1-112	
Acenaphthylene	102	87.3	86	10	40	33-145	
2,6-Dinitrotoluene	102	86.3	85	9	40	50-158	
3-Nitroaniline	102	70.3	69	3	40	50-119	
Acenaphthene	102	89.8	88	9	40	47-145	
Dibenzofuran	102	86.9	85	6	40	60-120	
2,4-Dinitrotoluene	102	90.8	89	9	40	39-139	
Diethyl phthalate	102	89.9	88	11	40	0.1-114	
4-Chlorophenyl phenyl ether	102	89.4	88	4	40	25-158	
Fluorene	102	95.0	93	24	40	59-121	
4-Nitroaniline	102	68.9	68	4	40	42-129	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: m48311.d

Lab ID: 460-17860-G-5-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
N-Nitrosodiphenylamine	102	110	108	17	40	64-126	
4-Bromophenyl phenyl ether	102	112	110	20	40	53-127	
Hexachlorobenzene	102	106	104	12	40	0.1-152	
Phenanthrene	102	103	101	16	40	54-120	
Anthracene	102	107	105	19	40	27-133	
Carbazole	102	90.8	89	12	40	57-119	
Di-n-butyl phthalate	102	96.6	95	10	40	1-118	
Fluoranthene	102	89.5	88	11	40	26-137	
Pyrene	102	107	105	10	40	52-115	
Butyl benzyl phthalate	102	114	112	14	40	0.1-152	
3,3'-Dichlorobenzidine	102	24.7	24	16	40	0.1-262	
Benzo[a]anthracene	102	96.0	94	4	40	33-143	
Chrysene	102	113	111	16	40	17-168	
Bis(2-ethylhexyl) phthalate	102	119	117	12	40	8-158	
Di-n-octyl phthalate	102	85.5	84	5	40	4-146	
Benzo[b]fluoranthene	102	87.2	85	8	40	24-159	
Benzo[k]fluoranthene	102	107	105	12	40	11-162	
Benzo[a]pyrene	102	87.5	86	2	40	17-163	
Indeno[1,2,3-cd]pyrene	102	101	99	1	40	0.1-171	
Dibenz(a,h)anthracene	102	106	103	3	40	0.1-227	
Benzo[g,h,i]perylene	102	110	108	2	40	0.1-219	
bis (2-chloroisopropyl) ether	102	88.1	86	2	40	36-166	
2,3,4,6-Tetrachlorophenol	102	89.6	88	11	40	55-124	

Column to be used to flag recovery and RPD values

FORM III 625

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab File ID: m48308.d Lab Sample ID: MB 460-50059/1-A

Matrix: Water Date Extracted: 09/27/2010 08:37

Instrument ID: BNAMS6 Date Analyzed: 09/27/2010 23:13

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	460-17860-G-5-A MS	m48310.d	09/27/2010 23:56
	460-17860-G-5-B MSD	m48311.d	09/28/2010 00:17
MW-18	460-17876-1	m48329.d	09/28/2010 06:42
	LCS 460-50059/2-A	m48339.d	09/28/2010 15:29

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab File ID: m48277.d DFTPP Injection Date: 09/27/2010

Instrument ID: BNAMS6 DFTPP Injection Time: 10:34

Analysis Batch No.: 50402

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	54.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	79.3	
70	Less than 2.0 % of mass 69	0.2	(0.2)1
127	40.0 - 60.0 % of mass 198	50.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	15.2	
365	Greater than 1.0 % of mass 198	2.3	
441	Present but less than mass 443	13.2	
442	Greater than 40.0 % of mass 198	78.6	
443	17.0 - 23.0 % of mass 442	14.8	(18.9)2

1-Value is % mass 69 2-Value is % mass 442

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
	ICIS 460-50402/2	m48278.d	09/27/2010	11:56
	IC 460-50402/3	m48279.d	09/27/2010	12:18
	IC 460-50402/4	m48280.d	09/27/2010	12:39
	IC 460-50402/5	m48281.d	09/27/2010	13:01
	IC 460-50402/6	m48282.d	09/27/2010	13:23
	MB 460-50059/1-A	m48308.d	09/27/2010	23:13
	460-17860-G-5-A MS	m48310.d	09/27/2010	23:56
	460-17860-G-5-B MSD	m48311.d	09/28/2010	00:17
MW-18	460-17876-1	m48329.d	09/28/2010	06:42

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab File ID: m48332.d DFTPP Injection Date: 09/28/2010

Instrument ID: BNAMS6 DFTPP Injection Time: 12:45

Analysis Batch No.: 50414

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	49.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	73.8	
70	Less than 2.0 % of mass 69	0.2	(0.2)1
127	40.0 - 60.0 % of mass 198	45.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	16.0	
365	Greater than 1.0 % of mass 198	3.0	
441	Present but less than mass 443	14.8	
442	Greater than 40.0 % of mass 198	90.0	
443	17.0 - 23.0 % of mass 442	17.2	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

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
	ICIS 460-50414/2	m48333.d	09/28/2010	13:04
	IC 460-50414/3	m48334.d	09/28/2010	13:34
	IC 460-50414/4	m48335.d	09/28/2010	13:56
	IC 460-50414/5	m48336.d	09/28/2010	14:17
	IC 460-50414/6	m48337.d	09/28/2010	14:39
	LCS 460-50059/2-A	m48339.d	09/28/2010	15:29

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Sample No.: ICIS 460-50402/2 Date Analyzed: 09/27/2010 11:56

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): m48278.d Heated Purge: (Y/N) N

Calibration ID: 7981

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		241605	3.06	848839	4.39	508463	6.15
UPPER LIMIT		483210	3.56	1697678	4.89	1016926	6.65
LOWER LIMIT		120803	2.56	424420	3.89	254232	5.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-50059/1-A		190264	3.05	688617	4.38	514897	6.14
460-17860-G-5-A MS		275027	3.05	920879	4.39	597421	6.15
460-17860-G-5-B MSD		205444	3.06	696056	4.39	484456	6.15
460-17876-1	MW-18	267976	3.05	926266	4.39	613215	6.15

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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

Column used to flag values outside QC limits

FORM VIII 625

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Sample No.: ICIS 460-50402/2 Date Analyzed: 09/27/2010 11:56

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): m48278.d Heated Purge: (Y/N) N

Calibration ID: 7981

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		749498	7.59	412426	10.14	297986	11.66
UPPER LIMIT		1498996	8.09	824852	10.64	595972	12.16
LOWER LIMIT		374749	7.09	206213	9.64	148993	11.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-50059/1-A		803091	7.58	460008	10.14	332541	11.65
460-17860-G-5-A MS		812616	7.58	391063	10.15	284040	11.67
460-17860-G-5-B MSD		610979	7.59	304392	10.14	249444	11.67
460-17876-1	MW-18	773547	7.59	380918	10.14	317957	11.66

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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

Column used to flag values outside QC limits

FORM VIII 625

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Sample No.: ICIS 460-50414/2 Date Analyzed: 09/28/2010 13:04

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): m48333.d Heated Purge: (Y/N) N

Calibration ID: 7982

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		161812	3.04	574378	4.38	445045	6.13
UPPER LIMIT		323624	3.54	1148756	4.88	890090	6.63
LOWER LIMIT		80906	2.54	287189	3.88	222523	5.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-50059/2-A		278475	3.05	890087	4.38	604060	6.13

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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

Column used to flag values outside QC limits

FORM VIII 625

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Sample No.: ICIS 460-50414/2 Date Analyzed: 09/28/2010 13:04

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): m48333.d Heated Purge: (Y/N) N

Calibration ID: 7982

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		777458	7.56	514816	10.12	303079	11.63
UPPER LIMIT		1554916	8.06	1029632	10.62	606158	12.13
LOWER LIMIT		388729	7.06	257408	9.62	151540	11.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-50059/2-A		963404	7.57	540878	10.12	342075	11.63

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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

Column used to flag values outside QC limits

FORM VIII 625

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-17876-1

Matrix: WG | Lab File ID: m48329.d

Analysis Method: 625 | Date Collected: 09/22/2010 13:40

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 990(mL) | Date Analyzed: 09/28/2010 06:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.90
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
106-44-5	4-Methylphenol	10	U	10	1.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
51-28-5	2,4-Dinitrophenol	30	U	30	4.9
100-02-7	4-Nitrophenol	30	U	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.3
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
541-73-1	1,3-Dichlorobenzene	10	U	10	3.8
106-46-7	1,4-Dichlorobenzene	10	U	10	3.6
95-50-1	1,2-Dichlorobenzene	10	U	10	3.8
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	18		1.0	0.53
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	72		10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.95
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.8
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.1
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
99-09-2	3-Nitroaniline	20	U	20	4.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-17876-1

Matrix: WG | Lab File ID: m48329.d

Analysis Method: 625 | Date Collected: 09/22/2010 13:40

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 990(mL) | Date Analyzed: 09/28/2010 06:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2
105-60-2	Caprolactam	10	U *	10	0.51
98-86-2	Acetophenone	10	U	10	4.3
1912-24-9	Atrazine	10	U	10	2.5
100-52-7	Benzaldehyde	10	U *	10	1.4
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	2.4
92-52-4	Diphenyl	10	U	10	5.5
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	2.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 Lab Sample ID: 460-17876-1

Matrix: WG Lab File ID: m48329.d

Analysis Method: 625 Date Collected: 09/22/2010 13:40

Extract. Method: 625 Date Extracted: 09/27/2010 08:37

Sample wt/vol: 990(mL) Date Analyzed: 09/28/2010 06:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

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

Analysis Batch No.: 50402 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	29	10-65	
4165-62-2	Phenol-d5	17	10-48	
4165-60-0	Nitrobenzene-d5	78	56-112	
321-60-8	2-Fluorobiphenyl	80	53-108	
118-79-6	2,4,6-Tribromophenol	75	46-122	
1718-51-0	Terphenyl-d14	108	50-122	

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

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-17876-1

Matrix: WG | Lab File ID: m48329.d

Analysis Method: 625 | Date Collected: 09/22/2010 13:40

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 990(mL) | Date Analyzed: 09/28/2010 06:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

Number TICs Found: 15 | TIC Result Total: 305.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Chloroaniline isomer	4.00	140	J
	C10H12 Aromatic	4.14	10	J
	Unknown-2	5.07	9.6	J
	Unknown-3	5.18	14	J
	Unknown-4	5.37	11	J
	Unknown-5	5.43	13	J
	Unknown-6	5.84	20	J
	Unknown-7	6.19	14	J
	Unknown-8	6.27	13	J
	Unknown-9	6.62	8.6	J
	Unknown Alkane	7.16	9.2	J
	Unknown-10	7.31	10	J
	Unknown-11	7.52	11	J
	Trichloro-1,1-biphenyl isomer	7.71	13	J
	Unknown-12	8.75	9.0	J

Data File: /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48329.d
Report Date: 29-Sep-2010 23:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48329.d
Lab Smp Id: 460-17876-L-1-A Client Smp ID: MW-18
Inj Date : 28-SEP-2010 06:42
Operator : BNAMS 1 Inst ID: BNAMS6.i
Smp Info : 460-17876-L-1-A
Misc Info : 460-17876-L-1-A
Comment   :
Method   : /chem/BNAMS6.i/625/09-27-10/27sep10.b/625BNA_08.m
Meth Date : 29-Sep-2010 12:41 wahied Quant Type: ISTD
Cal Date : 27-SEP-2010 13:23 Cal File: m48282.d
Als bottle: 52
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	1.891	1.881	(0.619)	99765	14.5945	29.5
$ 17 Phenol-d5 (SUR)	99	2.793	2.802	(0.914)	78784	8.40073	17.0(H)
* 79 1,4-Dichlorobenzene-d4	152	3.055	3.057	(1.000)	267976	40.0000	
23 1,2-Dichlorobenzene	146	3.235	3.228	(1.059)	6974	0.70757	1.43
$ 76 Nitrobenzene-d5 (SUR)	82	3.661	3.669	(0.834)	390127	39.1164	79.0
30 1,2,4-Trichlorobenzene	180	4.350	4.350	(0.991)	83055	8.79879	17.8
* 80 Naphthalene-d8	136	4.388	4.394	(1.000)	926266	40.0000	
32 4-Chloroaniline	127	4.509	4.513	(1.028)	339872	35.4224	71.6
$ 77 2-Fluorobiphenyl (SUR)	172	5.517	5.521	(0.897)	846753	40.2306	81.3
* 82 Acenaphthene-d10	164	6.149	6.153	(1.000)	613215	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.938	6.933	(1.128)	155182	37.5886	75.9
* 83 Phenanthrene-d10	188	7.588	7.587	(1.000)	773547	40.0000	
$ 78 Terphenyl-d14	244	9.166	9.162	(0.904)	412588	53.8132	109
* 81 Chrysene-d12	240	10.142	10.144	(1.000)	380918	40.0000	
* 84 Perylene-d12	264	11.663	11.661	(1.000)	317957	40.0000	

Data File: /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48329.d
Report Date: 29-Sep-2010 23:56

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48329.d
Report Date: 29-Sep-2010 23:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48329.d
Lab Smp Id: 460-17876-L-1-A Client Smp ID: MW-18
Inj Date : 28-SEP-2010 06:42
Operator : BNAMS 1 Inst ID: BNAMS6.i
Smp Info : 460-17876-L-1-A
Misc Info : 460-17876-L-1-A
Comment   :
Method   : /chem/BNAMS6.i/625/09-27-10/27sep10.b/625BNA_08.m
Meth Date : 29-Sep-2010 12:41 wahied Quant Type: ISTD
Cal Date : 27-SEP-2010 13:23 Cal File: m48282.d
Als bottle: 52
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	4.388	2102964	40.000
* 82 Acenaphthene-d10	6.149	2768923	40.000
* 83 Phenanthrene-d10	7.588	2577019	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Chloroaniline isomer					CAS #:		
3.997	3724723	70.8470959	143	0		0	80

Data File: /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48329.d
Report Date: 29-Sep-2010 23:56

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H12 Aromatic					CAS #:		
4.140	259377	4.93354969	9.97	0	0		80(L)
Unknown-1					CAS #:		
4.989	218463	4.15533646	8.39	0	0		80
Unknown-2					CAS #:		
5.071	250472	4.76416659	9.62	0	0		80(L)
Unknown-3					CAS #:		
5.185	352973	6.71382173	13.6	0	0		80
Unknown-4					CAS #:		
5.366	359944	5.19976363	10.5	0	0		82
Unknown-5					CAS #:		
5.427	432989	6.25497748	12.6	0	0		82
Unknown-6					CAS #:		
5.841	673730	9.73273682	19.7	0	0		82
Unknown-7					CAS #:		
6.194	476444	6.88273073	13.9	0	0		82
Unknown-8					CAS #:		
6.270	441341	6.37563502	12.9	0	0		82
Unknown-9					CAS #:		
6.624	293569	4.24091066	8.57	0	0		82
Dichloro-1,1-biphenyl isomer					CAS #:		
6.810	281218	4.06248314	8.21	0	0		82
Unknown Alkane					CAS #:		
7.163	292450	4.53934523	9.17	0	0		83
Unknown-10					CAS #:		
7.313	325363	5.05021455	10.2	0	0		83
Unknown-11					CAS #:		
7.523	358514	5.56478514	11.2	0	0		83
Trichloro-1,1-biphenyl isomer					CAS #:		
7.714	425275	6.60103050	13.3	0	0		83

Data File: /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48329.d
Report Date: 29-Sep-2010 23:56

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-12					CAS #:		
8.749	287088	4.45612713	9.00	0		0	83

QC Flag Legend

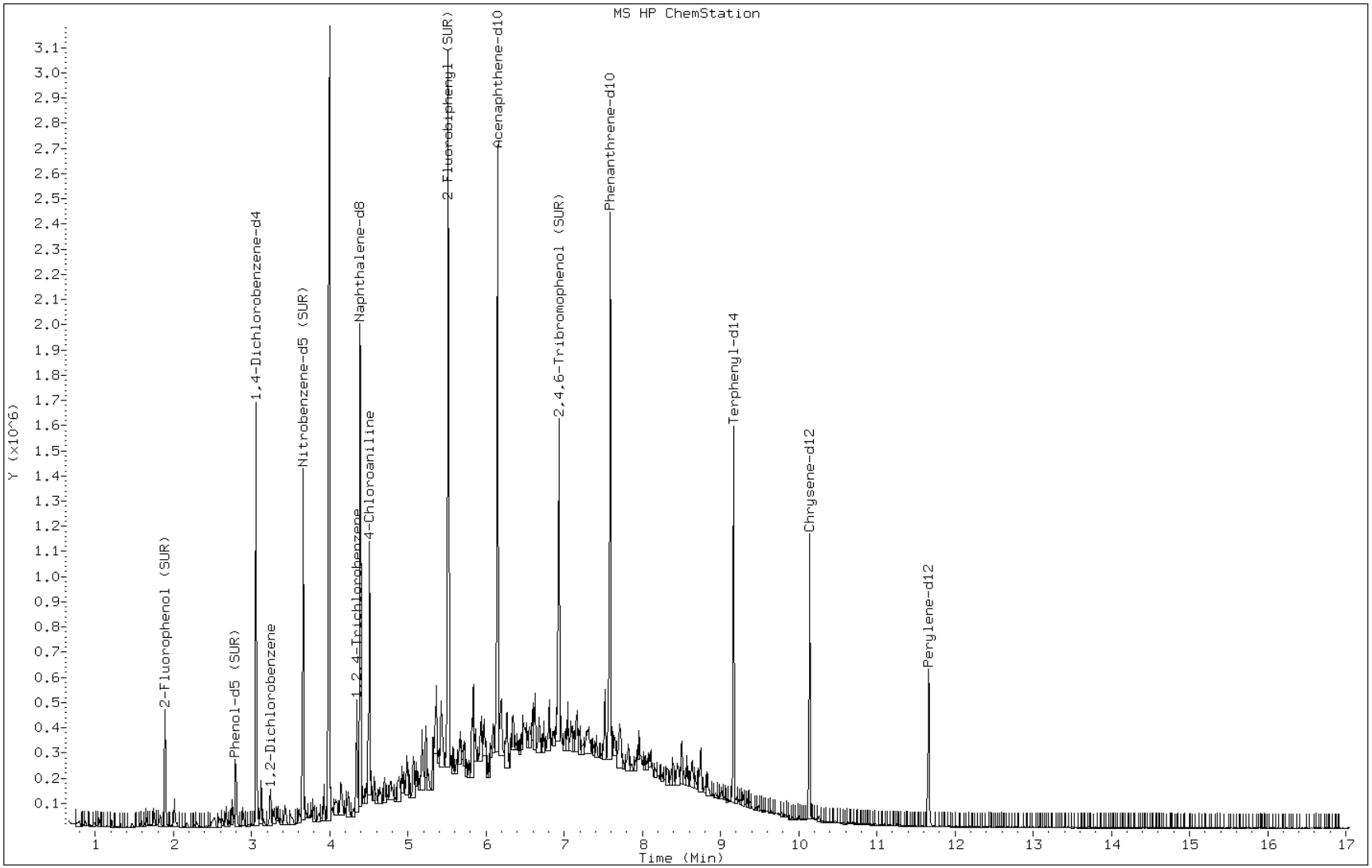
L - Operator selected an alternate library search match.

Data File: m48329.d

Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1



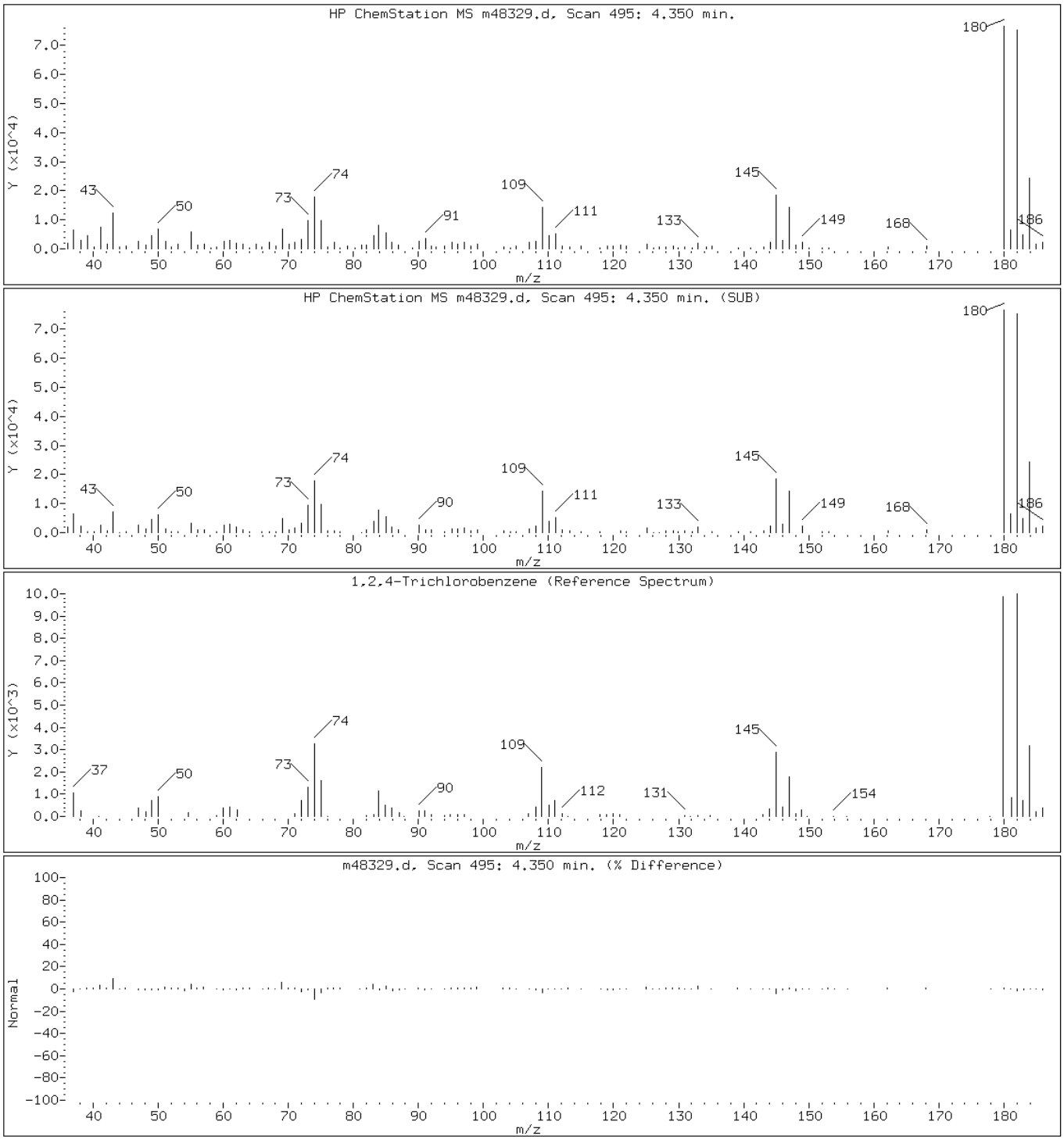
Data File: m48329.d

Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

30 1,2,4-Trichlorobenzene



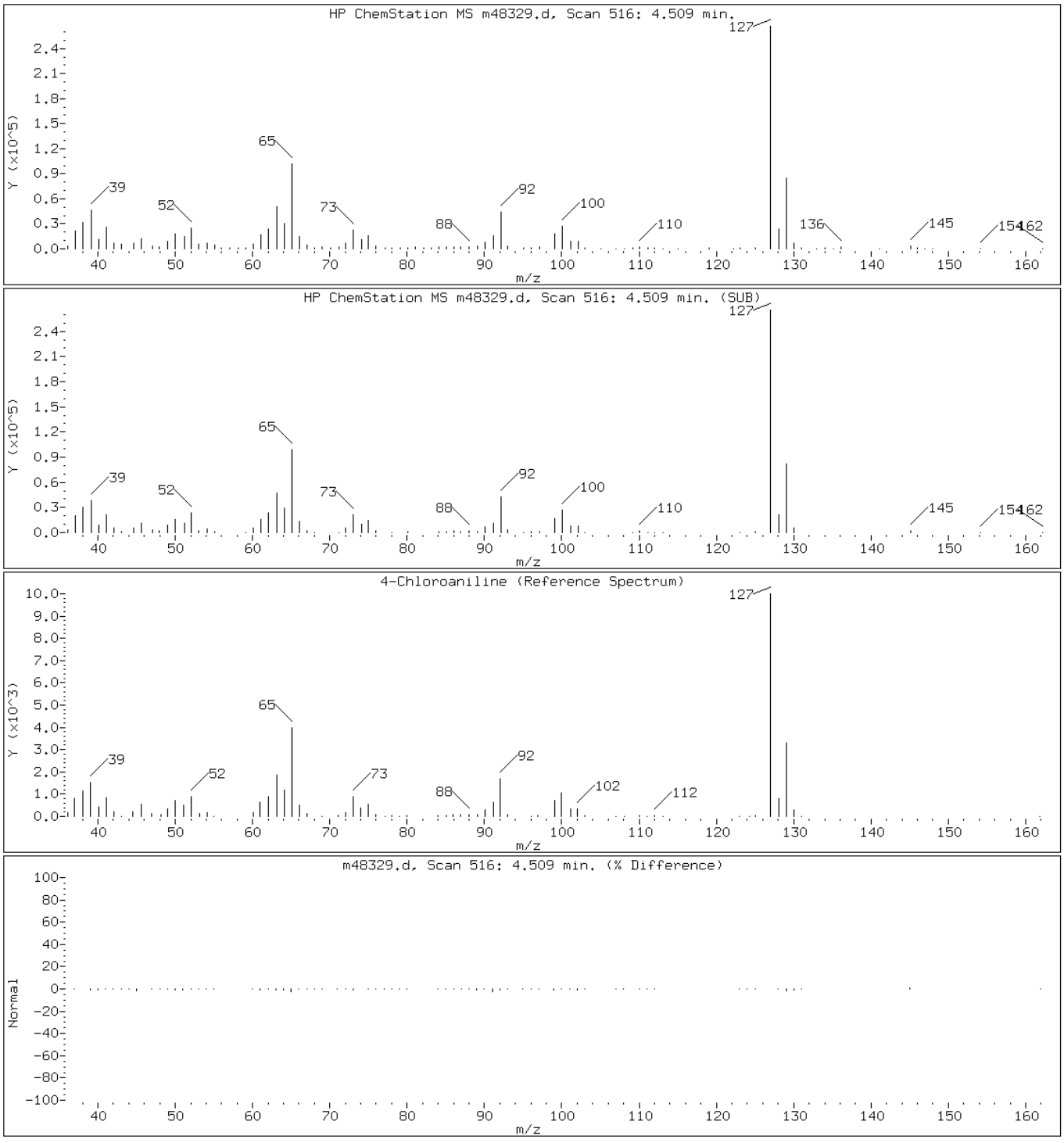
Data File: m48329.d

Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

32 4-Chloroaniline



Data File: m48329.d

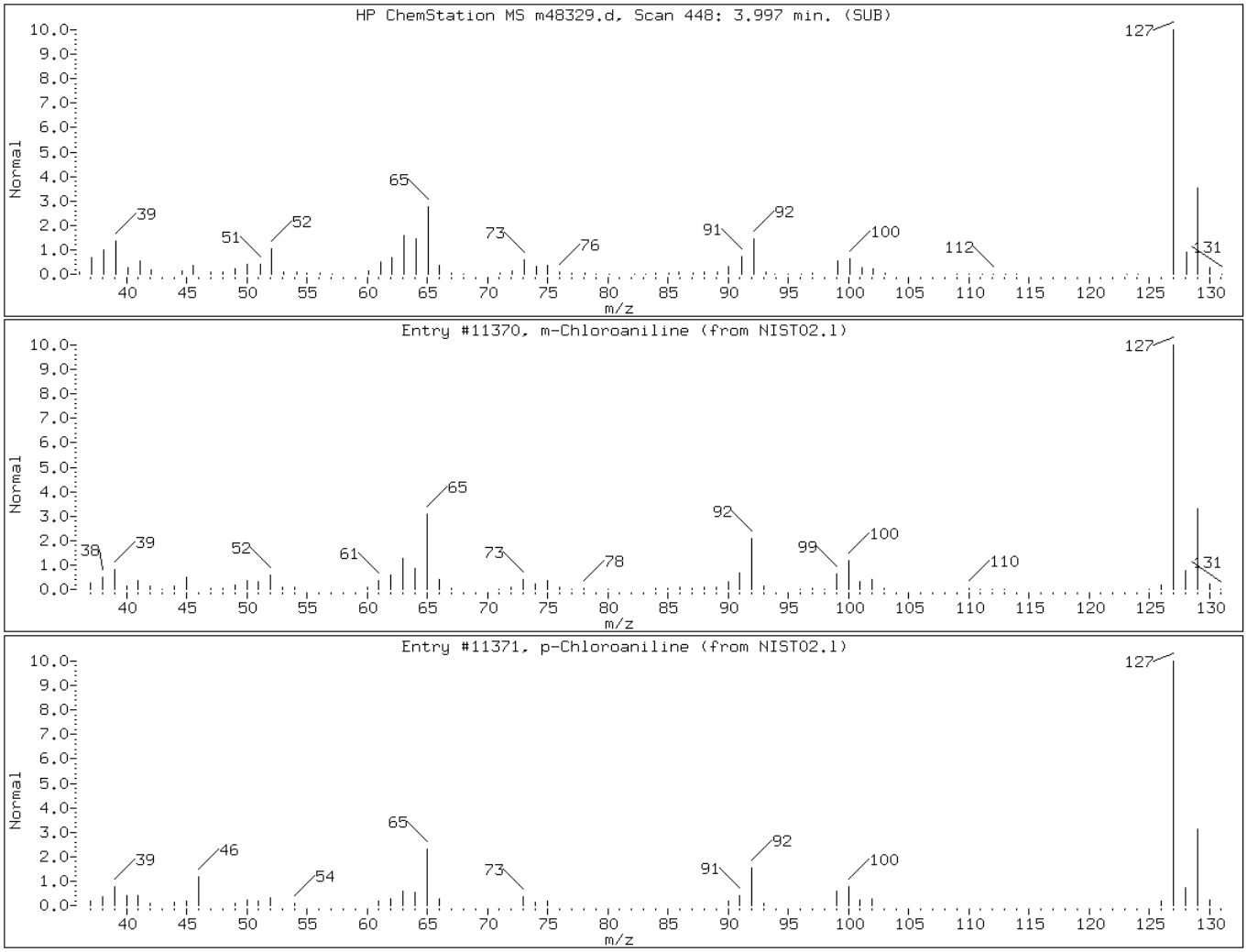
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 4.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Chloroaniline isomer						
m-Chloroaniline	108-42-9	NIST02.l	11370	95	C6H6ClN	127
p-Chloroaniline	106-47-8	NIST02.l	11371	93	C6H6ClN	127



Data File: m48329.d

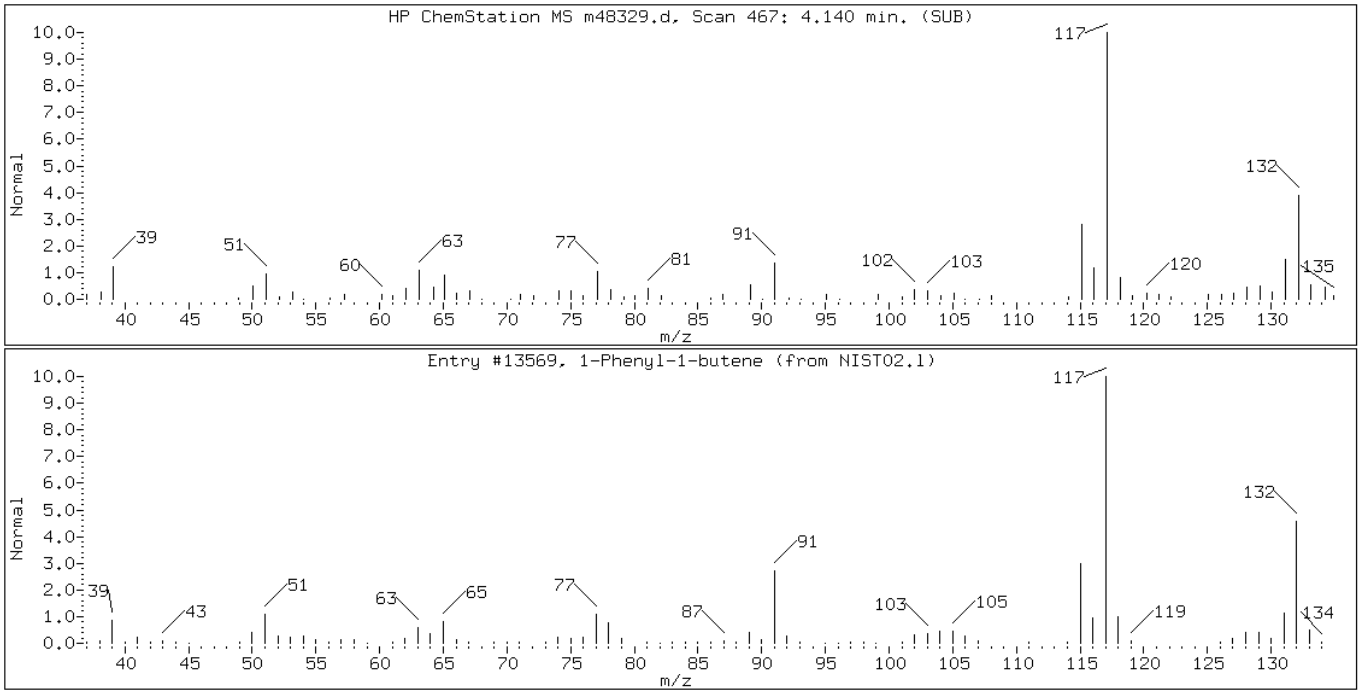
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 4.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic Methylpropylbenzene isomer 1-Phenyl-1-butene	824-90-8	NIST02.l	13569	94	C10H12	132



Data File: m48329.d

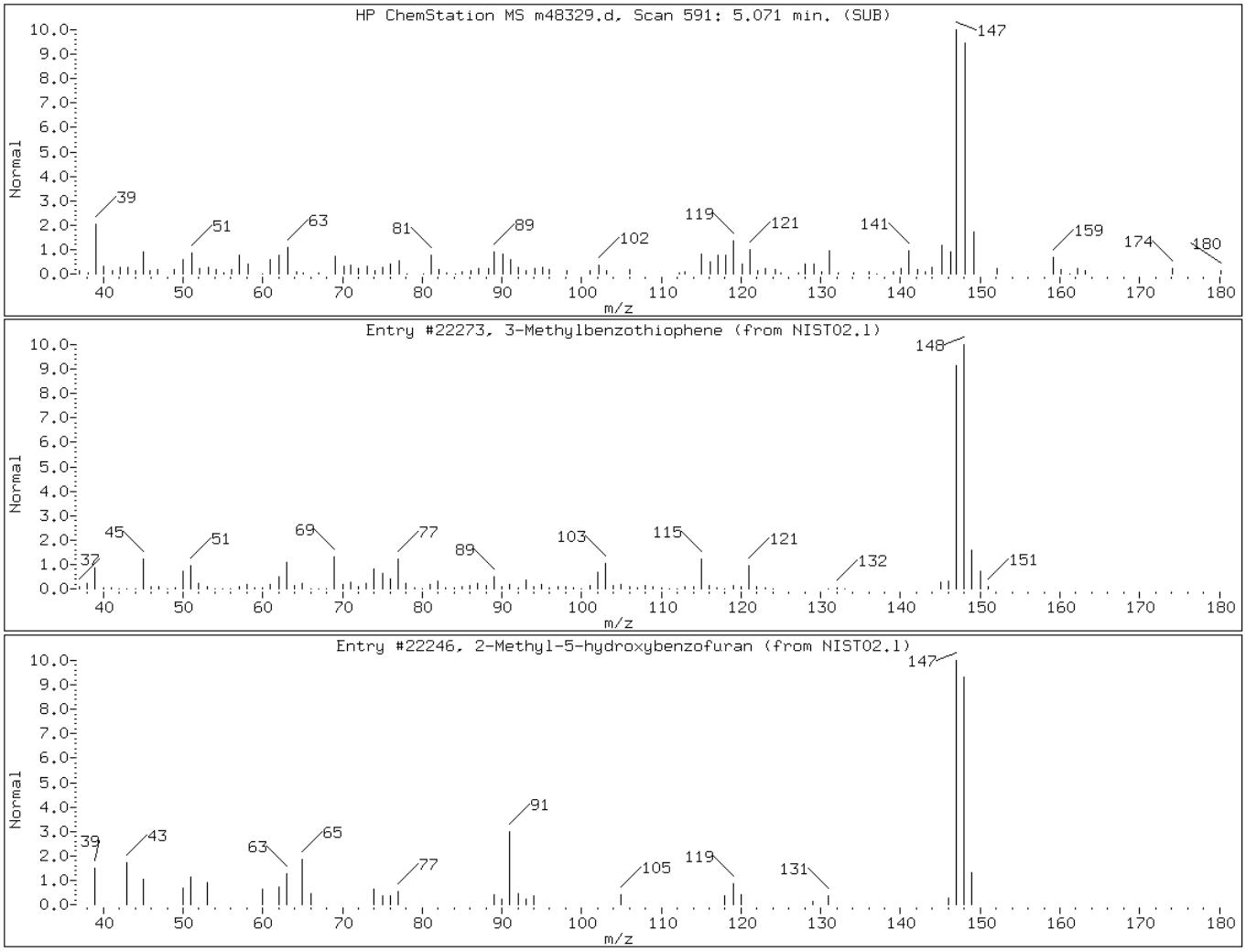
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 5.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
3-Methylbenzothiophene	1455-18-1	NIST02.l	22273	76	C9H8S	148
2-Methyl-5-hydroxybenzofuran	6769-56-8	NIST02.l	22246	72	C9H8O2	148



Data File: m48329.d

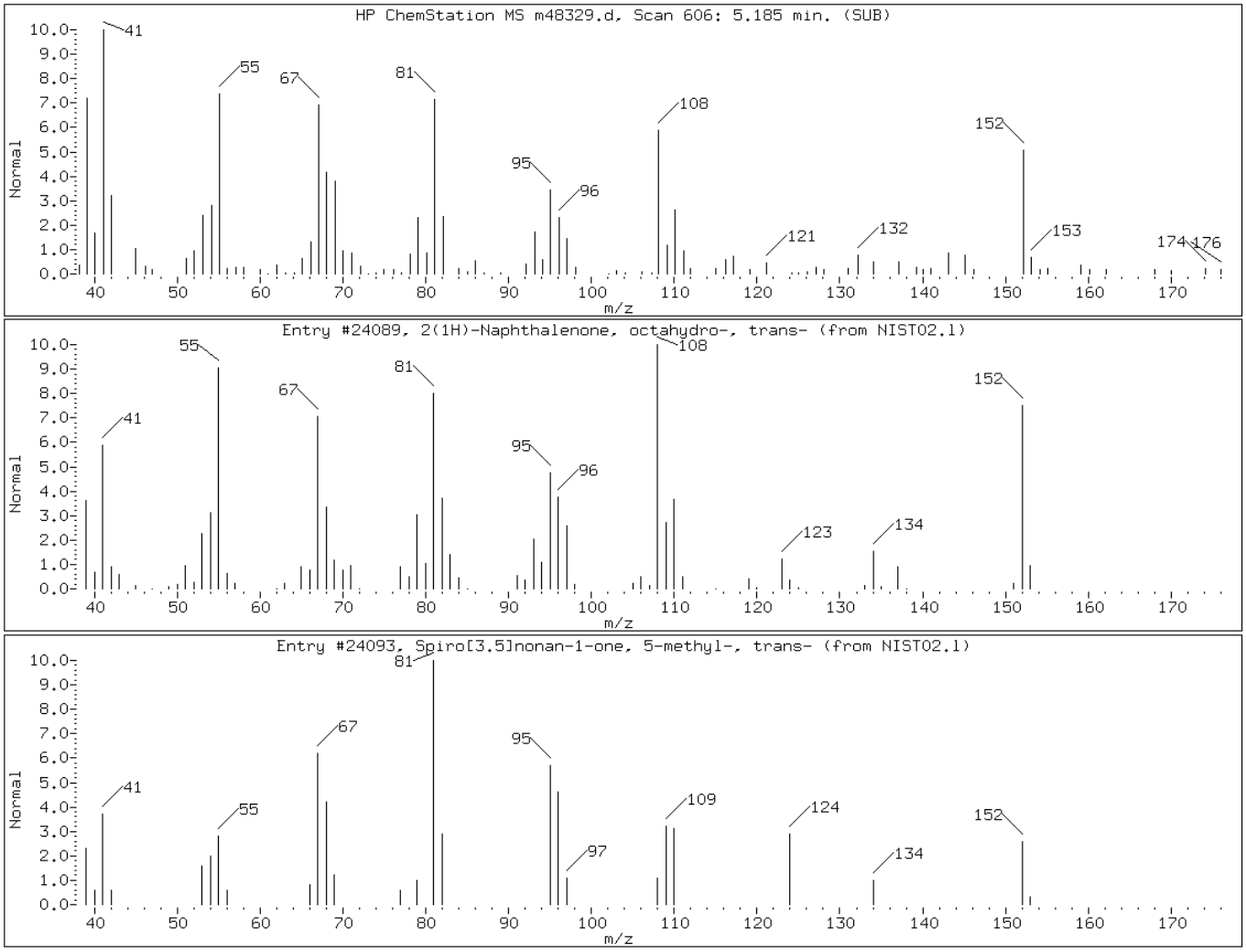
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 5.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2(1H)-Naphthalenone, octahydro-, t	16021-08-2	NIST02.l	24089	89	C10H16O	152
Spiro[3.5]nonan-1-one, 5-methyl-,	65147-56-0	NIST02.l	24093	58	C10H16O	152



Data File: m48329.d

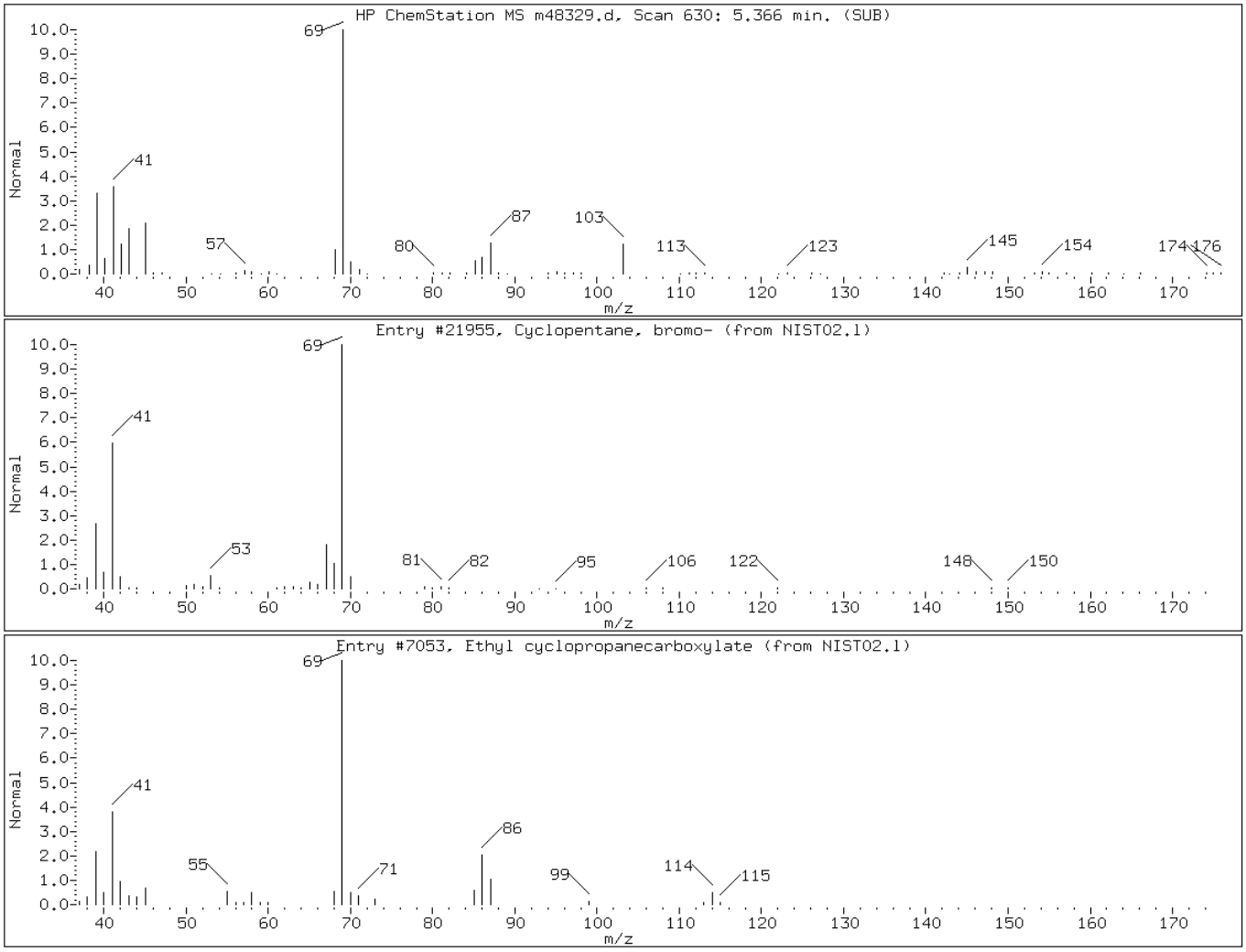
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 5.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Cyclopentane, bromo-	137-43-9	NIST02.l	21955	49	C5H9Br	148
Ethyl cyclopropanecarboxylate	4606-07-9	NIST02.l	7053	38	C6H10O2	114



Data File: m48329.d

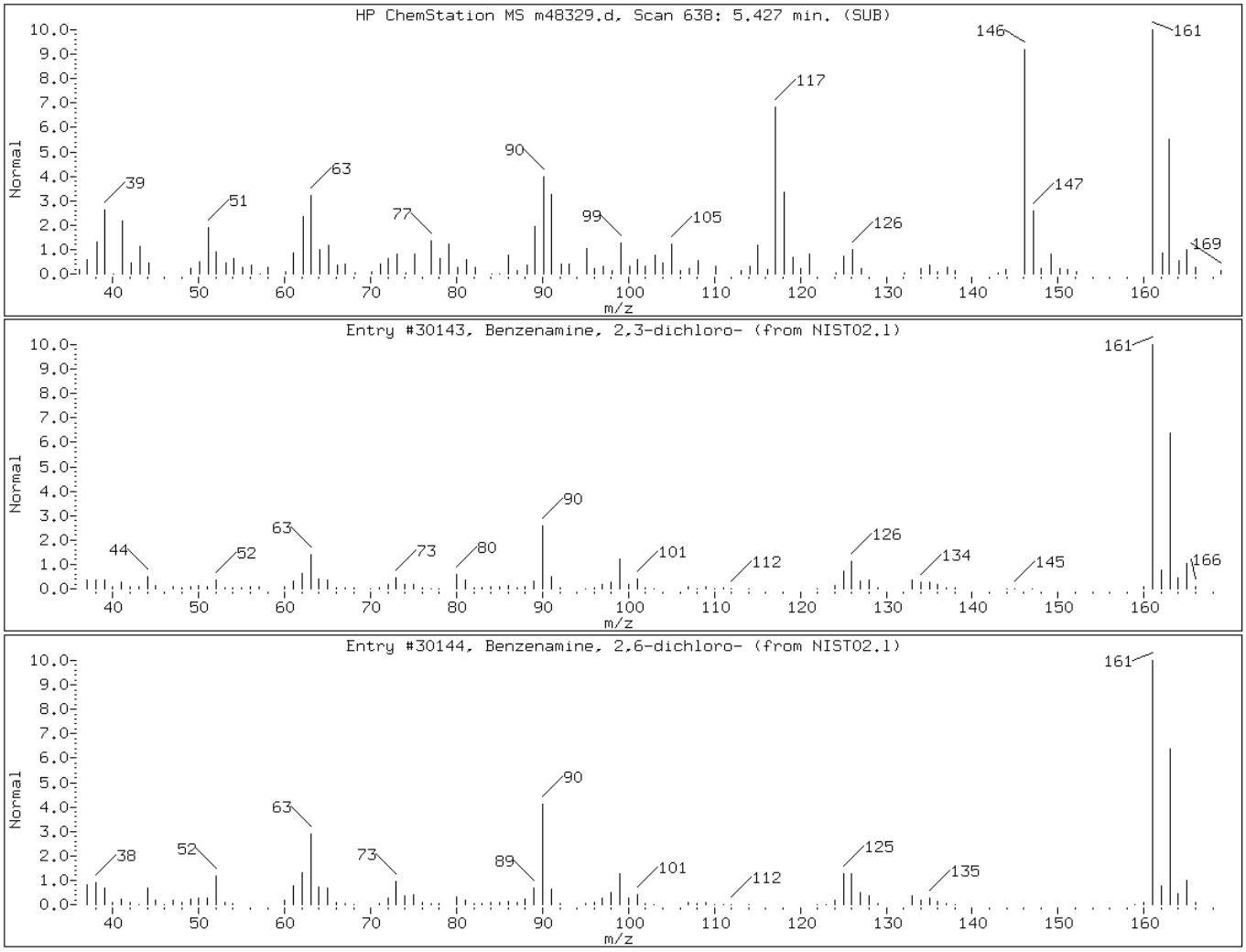
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 5.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Benzenamine, 2,3-dichloro-	608-27-5	NIST02.l	30143	49	C6H5Cl2N	161
Benzenamine, 2,6-dichloro-	608-31-1	NIST02.l	30144	46	C6H5Cl2N	161



Data File: m48329.d

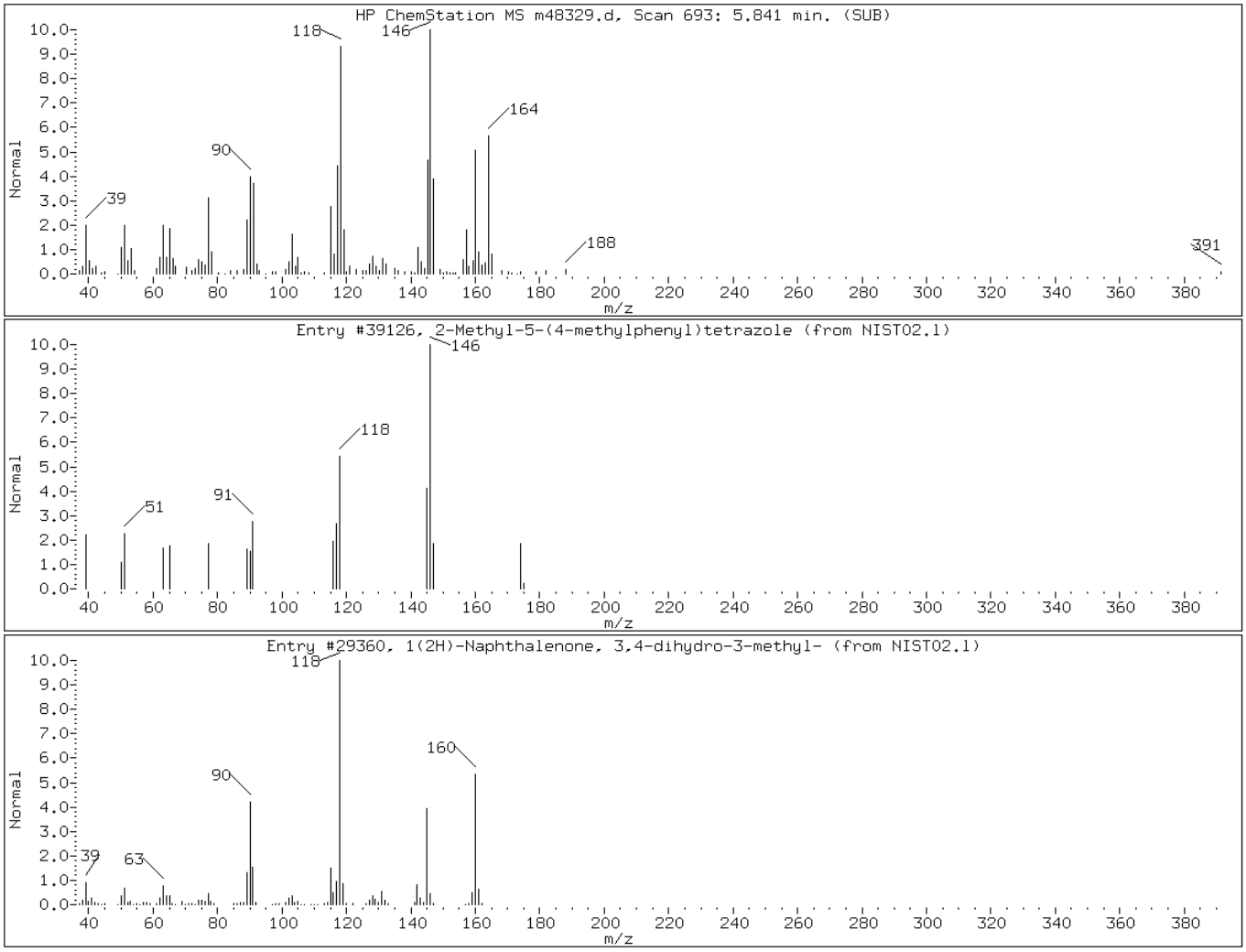
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 5.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
2-Methyl-5-(4-methylphenyl)tetrazo	38446-87-6	NIST02.l	39126	83	C9H10N4	174
1(2H)-Naphthalenone, 3,4-dihydro-3	14944-23-1	NIST02.l	29360	50	C11H12O	160



Data File: m48329.d

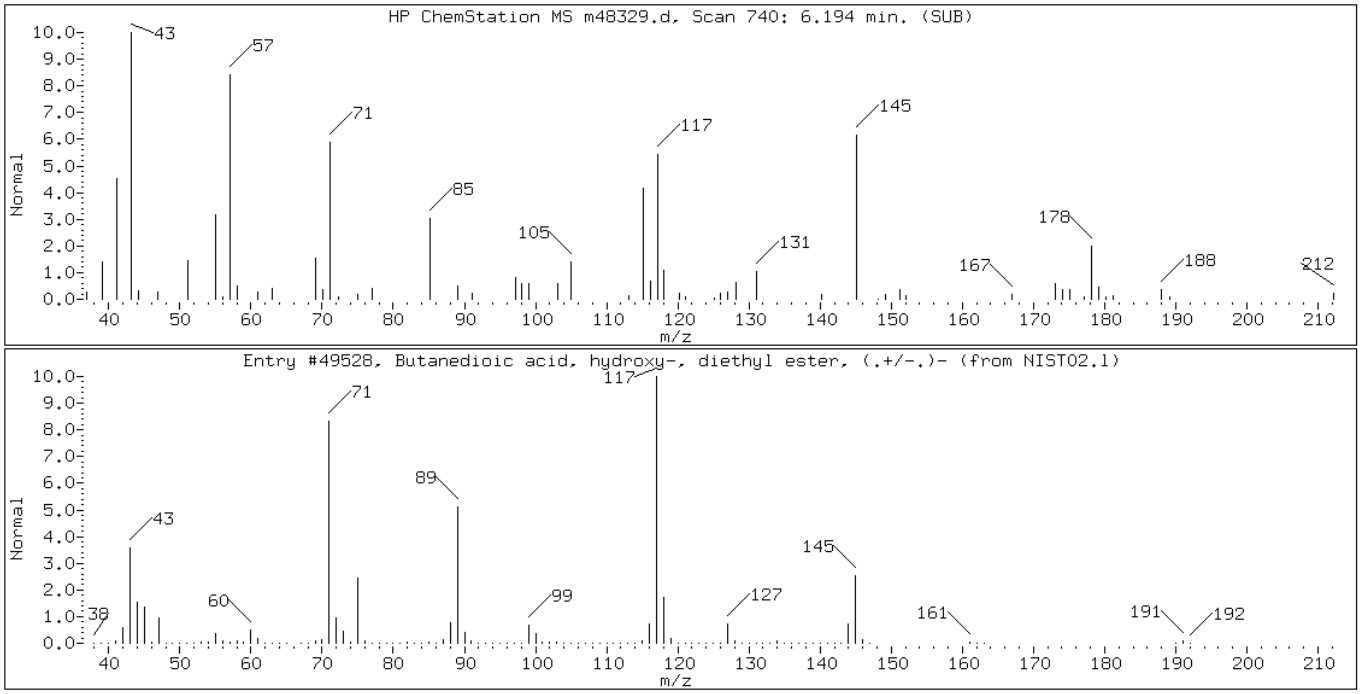
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 6.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
Butanedioic acid, hydroxy-, diethy	626-11-9	NIST02.l	49528	32	C8H14O5	190



Data File: m48329.d

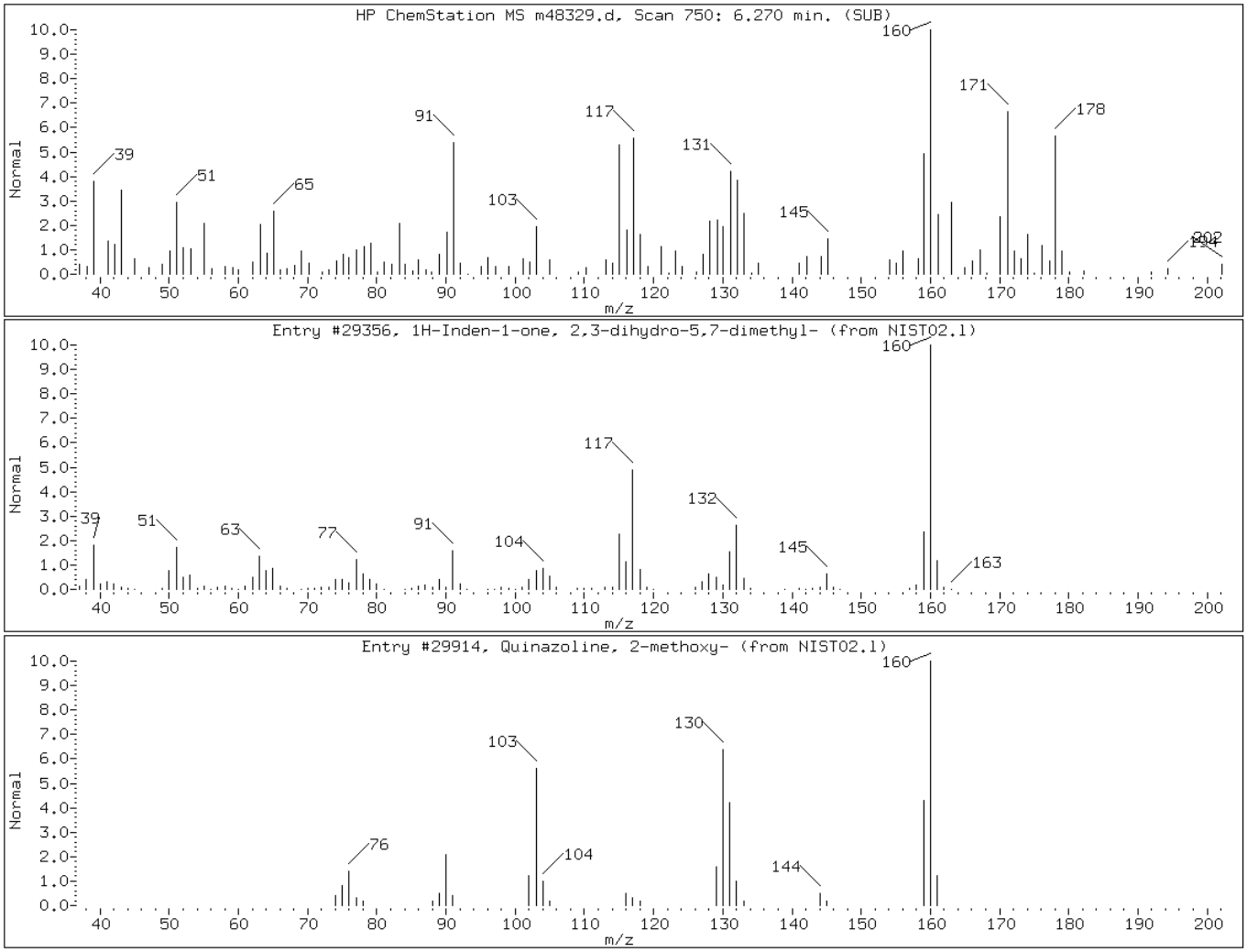
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 6.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-8						
1H-Inden-1-one, 2,3-dihydro-5,7-di	6682-69-5	NIST02.l	29356	43	C11H12O	160
Quinazoline, 2-methoxy-	6141-15-7	NIST02.l	29914	38	C9H8N2O	160



Data File: m48329.d

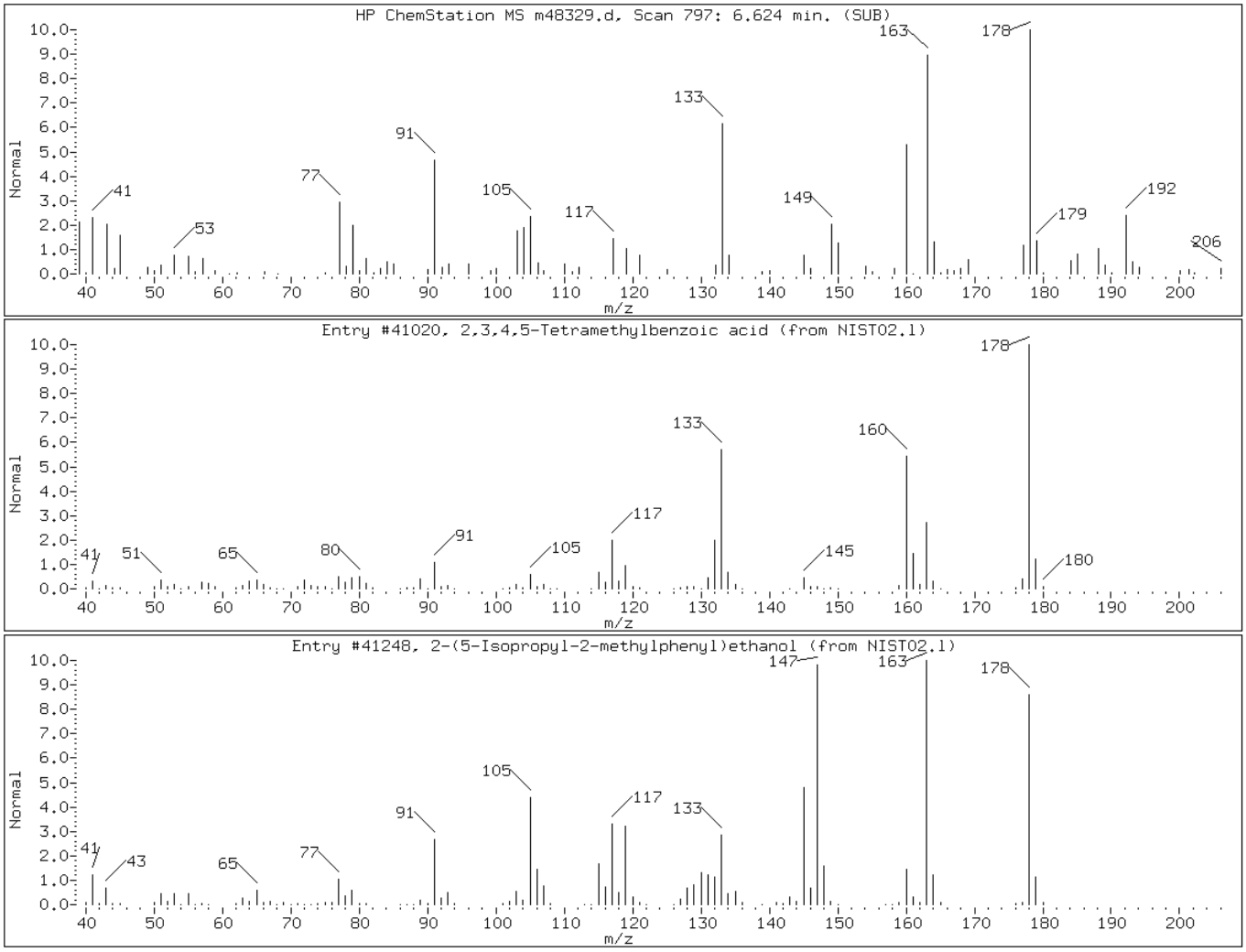
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 6.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-9						
2,3,4,5-Tetramethylbenzoic acid	2529-39-7	NIST02.l	41020	49	C11H14O2	178
2-(5-Isopropyl-2-methylphenyl)etha	4389-64-4	NIST02.l	41248	46	C12H18O	178



Data File: m48329.d

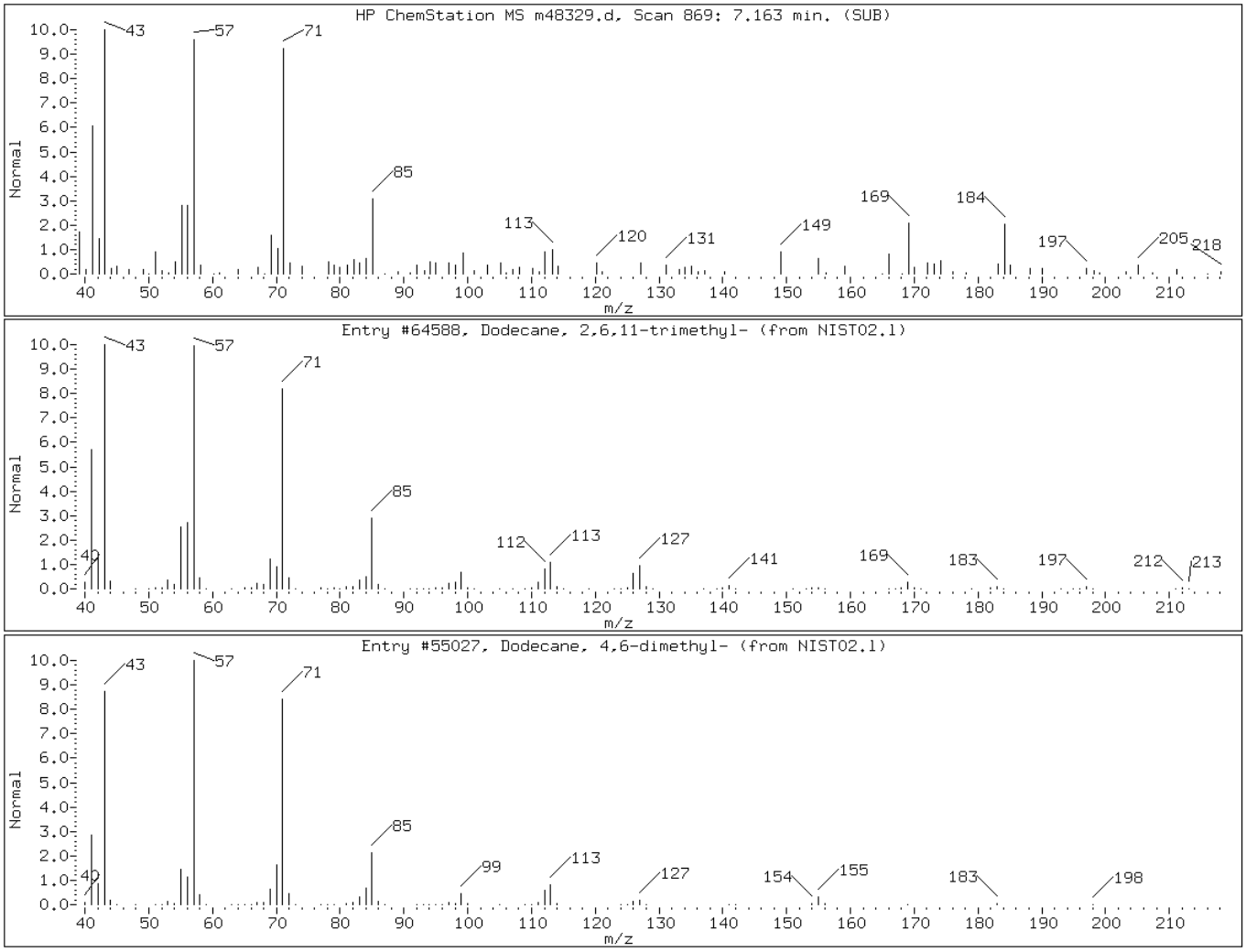
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 7.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	64	C15H32	212
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55027	58	C14H30	198



Data File: m48329.d

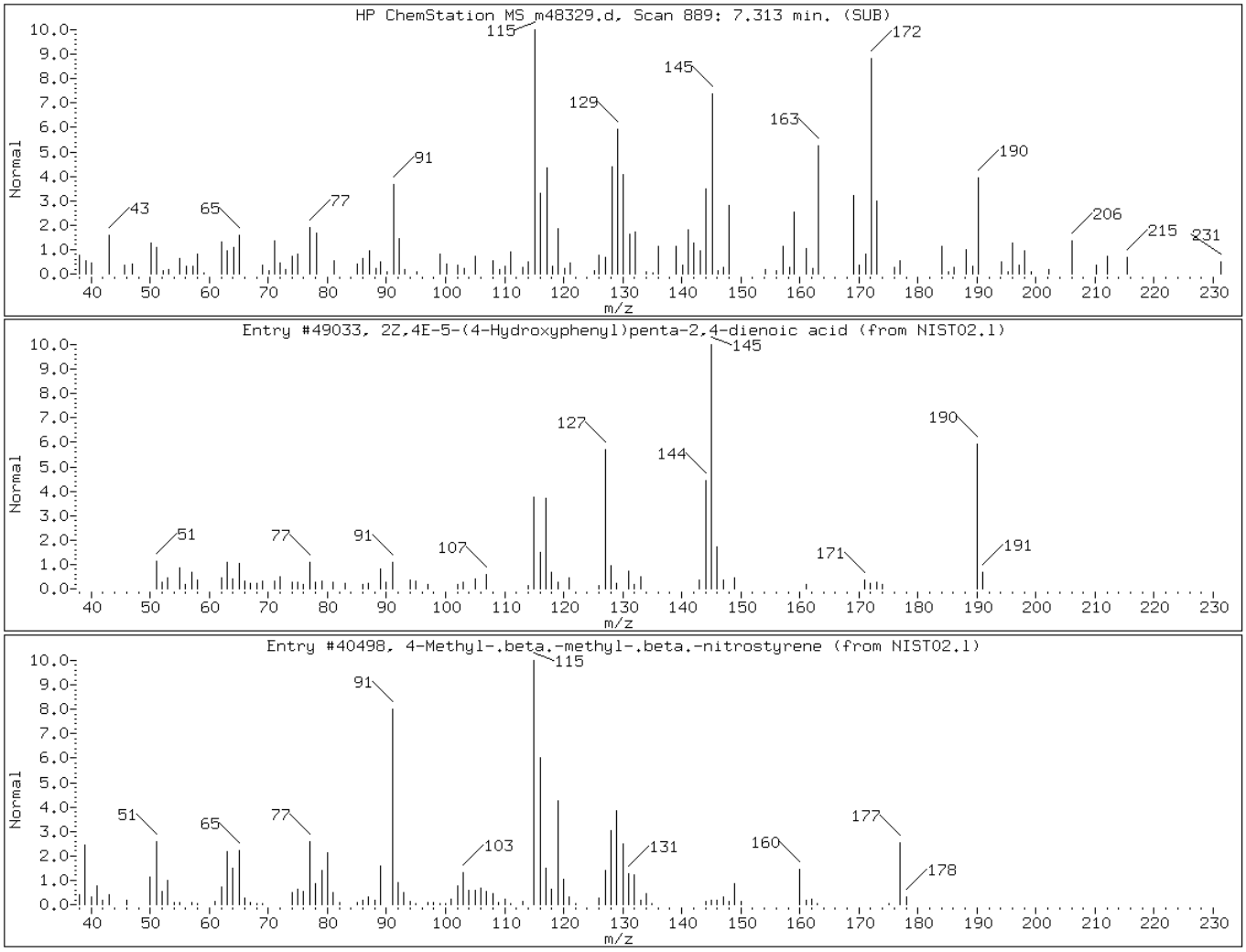
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 7.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-10						
2Z,4E-5-(4-Hydroxyphenyl)penta-2,4	1000137-43-2	NIST02.l	49033	30	C11H10O3	190
4-Methyl-.beta.-methyl-.beta.-nitr	52287-56-6	NIST02.l	40498	27	C10H11NO2	177



Data File: m48329.d

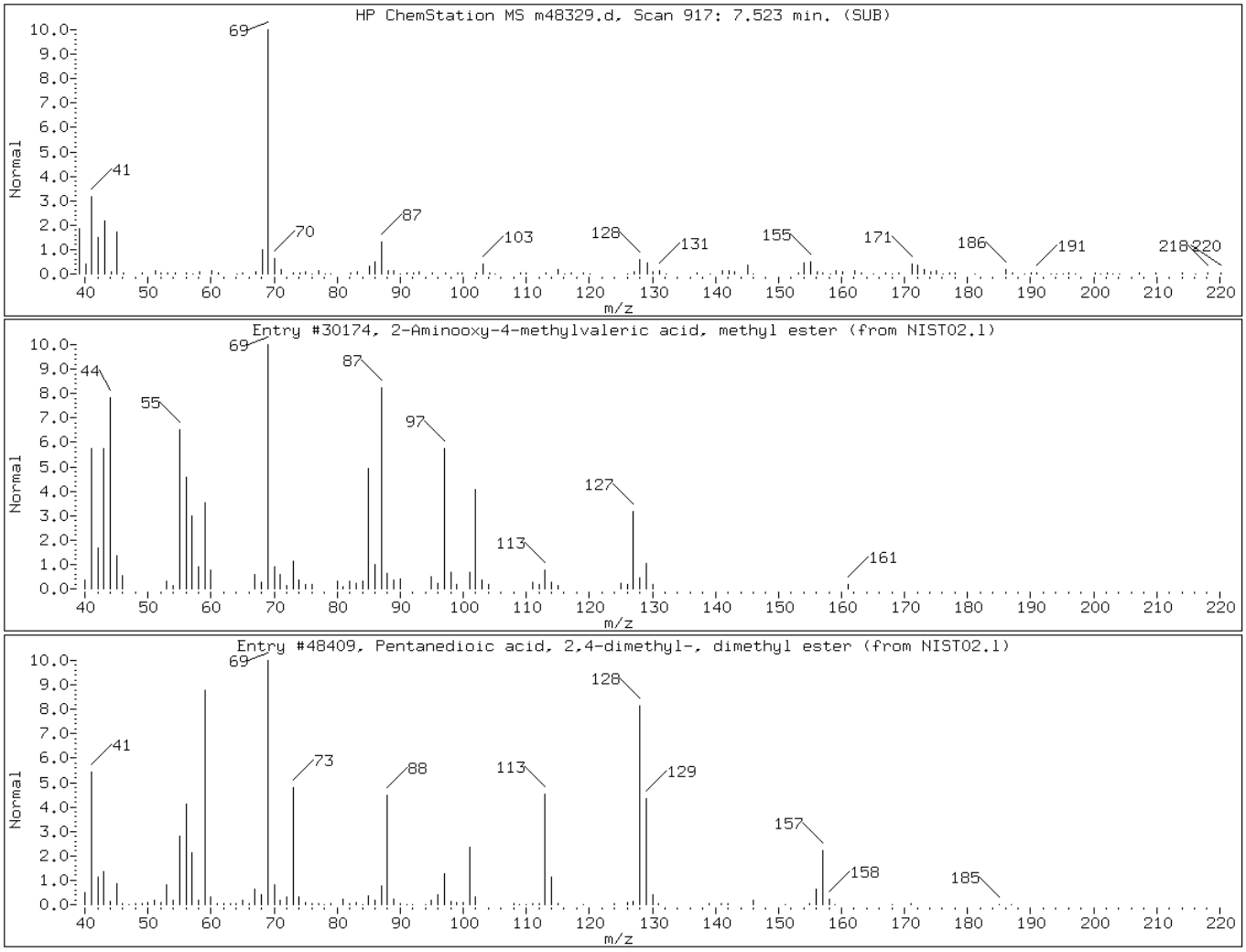
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 7.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-11						
2-Aminooxy-4-methylvaleric acid, m	91666-50-1	NIST02.l	30174	50	C7H15NO3	161
Pentanedioic acid, 2,4-dimethyl-,	2121-68-8	NIST02.l	48409	42	C9H16O4	188



Data File: m48329.d

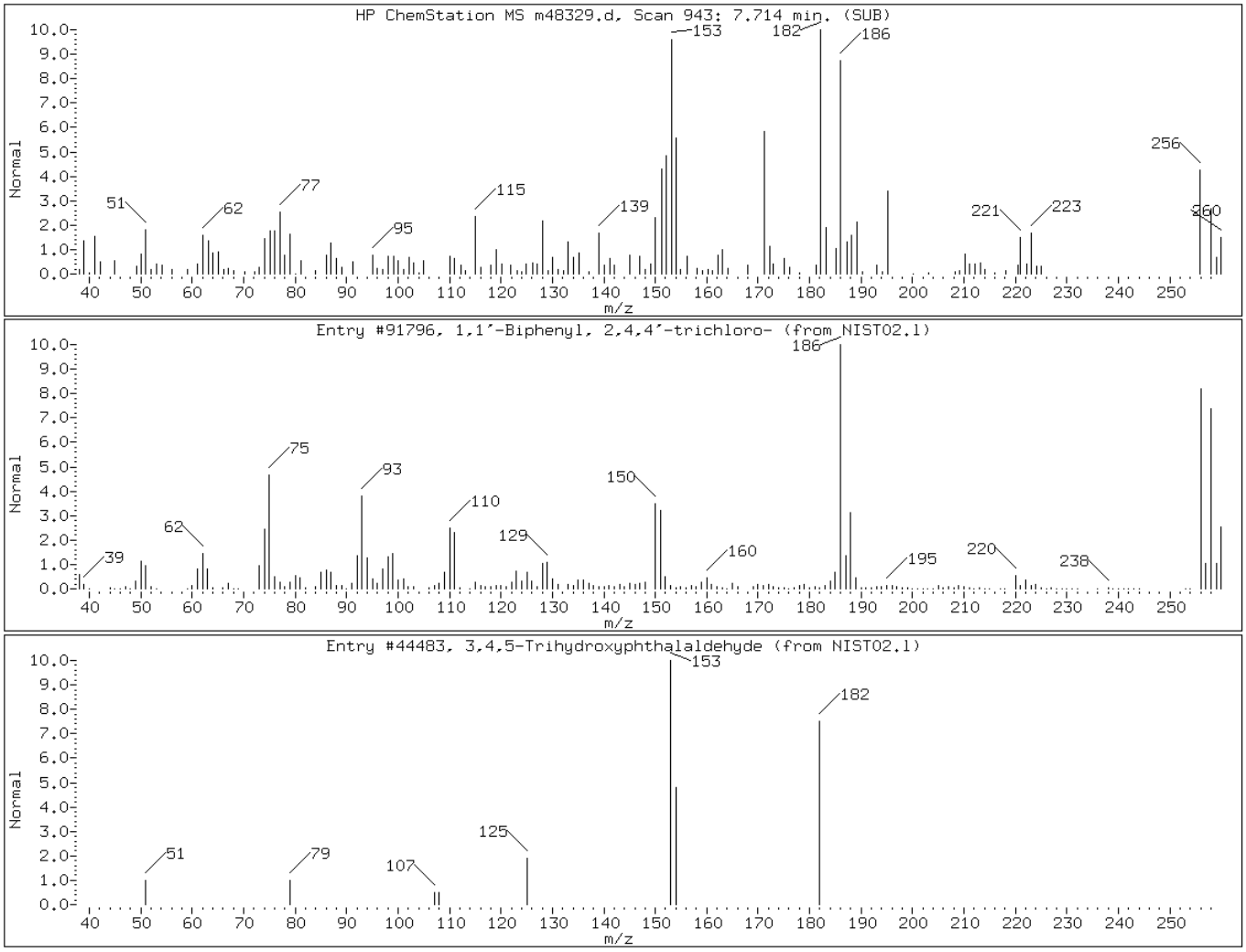
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 7.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	35	C12H7Cl3	256
3,4,5-Trihydroxyphthalaldehyde	16790-41-3	NIST02.l	44483	27	C8H6O5	182



Data File: m48329.d

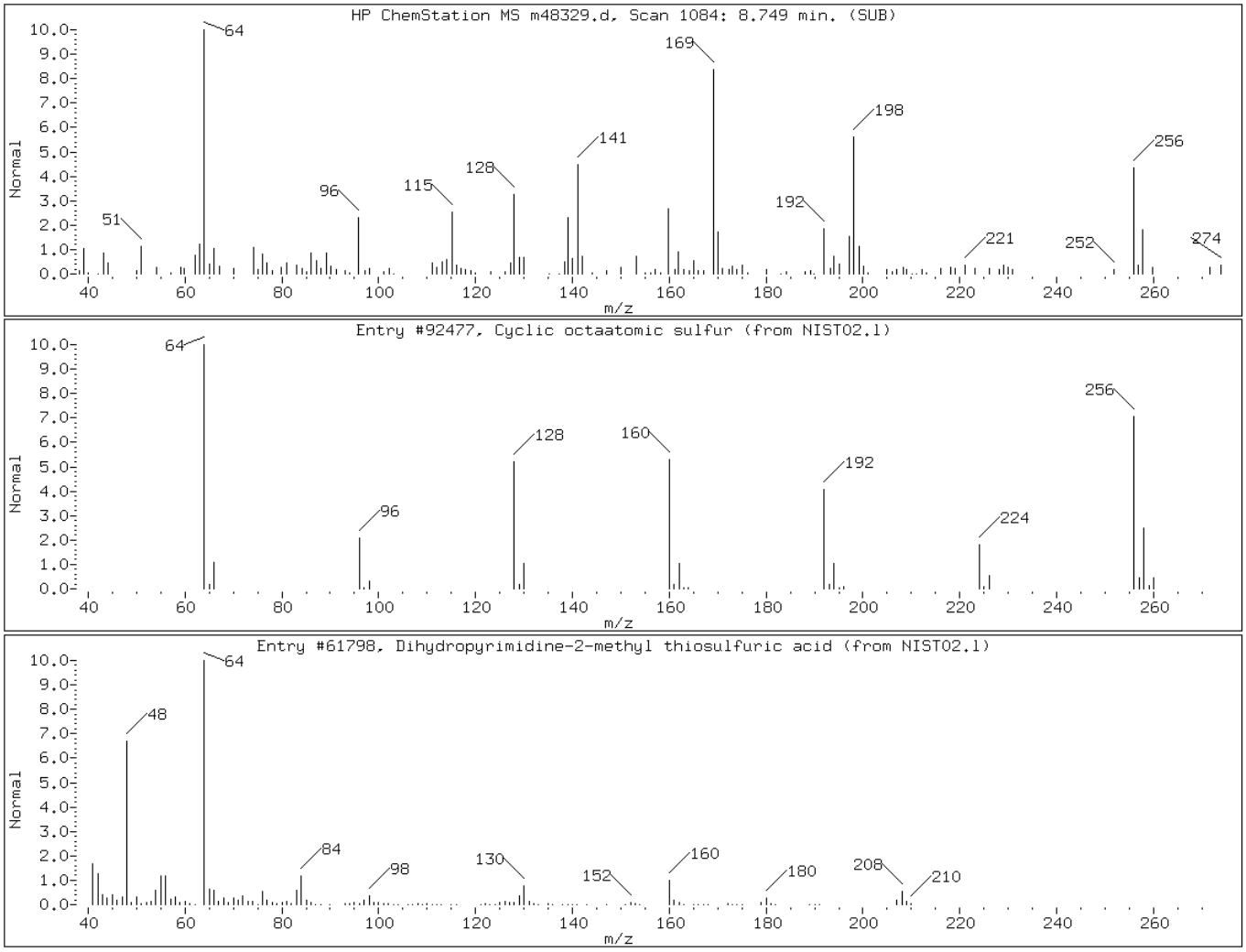
Date: 28-SEP-2010 06:42

Client ID: MW-18 Instrument: BNAMS6.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 1

Retention Time: 8.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-12						
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92477	91	S8	256
Dihydropyrimidine-2-methyl thiosul	1000256-28-8	NIST02.l	61798	37	C5H8N2O3S2	208



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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50402

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2010 11:56 Calibration End Date: 09/27/2010 13:23 Calibration ID: 7981

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50402/4	m48280.d
Level 2	IC 460-50402/6	m48282.d
Level 3	ICIS 460-50402/2	m48278.d
Level 4	IC 460-50402/5	m48281.d
Level 5	IC 460-50402/3	m48279.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.2984	0.3404	0.3067	0.3153	0.3202	Ave		0.3162				5.0					
N-Nitrosodimethylamine	0.6624	0.6032	0.6840	0.5963	0.6843	Ave		0.6460				6.7					
Pyridine	0.7936	0.9814	0.9306	0.8954	1.0074	Ave		0.9217				9.1					
2,3,7,8-TCDD	+++++	+++++	0.1560	+++++	+++++	Ave		0.1560									
Benzaldehyde	0.5710	0.4100	0.4754	0.1453	0.0869	Ave		0.3377				62.6					
Aniline	1.2299	1.2261	1.3599	1.3259	1.4424	Ave		1.3168				6.9					
Phenol	1.1205	1.2765	1.4148	1.4731	1.8781	Ave		1.4326				19.8					
Benzonitrile	1.8796	1.8564	2.0212	1.6903	1.4715	Ave		1.7838				11.8					
Bis(2-chloroethyl)ether	1.5689	0.9891	1.0123	1.1689	1.4306	Ave		1.2340				20.8					
2-Chlorophenol	1.0643	1.1554	1.2781	1.3165	1.5691	Ave		1.2767				15.0					
Decane	1.1330	1.1465	1.0655	0.9895	0.9685	Ave		1.0606				7.6					
1,3-Dichlorobenzene	1.3428	1.4150	1.4993	1.3919	1.5558	Ave		1.4410				5.9					
1,4-Dichlorobenzene	1.4192	1.4537	1.5052	1.5136	1.6126	Ave		1.5008				4.9					
1,2-Dichlorobenzene	1.2579	1.4659	1.5310	1.4451	1.6562	Ave		1.4712				9.9					
Benzyl alcohol	0.5432	0.6111	0.6553	0.6475	0.8522	Ave		0.6619				17.4					
bis (2-chloroisopropyl) ether	1.6278	2.0006	1.9221	1.9212	2.0870	Ave		1.9117				9.0					
2-Methylphenol	0.8362	0.9191	0.9298	0.9991	1.1117	Ave		0.9592				10.7					
N-Methylaniline	1.5399	1.5891	1.6128	1.5677	1.6873	Ave		1.5994				3.5					
2-Toluidine	1.0820	1.1047	1.1746	1.0550	1.1819	Ave		1.1196				5.0					
Acetophenone	1.4188	1.4953	1.5886	1.5485	1.8392	Ave		1.5781				10.1					
N-Nitrosodi-n-propylamine	0.7444	1.0009	1.0477	0.9812	0.9850	Ave		0.9518				12.5					
Hexachloroethane	0.4848	0.5754	0.6126	0.6249	0.7213	Ave		0.6038				14.2					
4-Methylphenol	0.8980	0.9901	1.0315	1.0445	1.2615	Ave		1.0451				12.8					
Nitrobenzene	0.6698	0.5400	0.5744	0.5522	0.5991	Ave		0.5871				8.8					
n,n'-Dimethylaniline	1.3744	1.5847	1.6937	1.5863	1.9651	Ave		1.6408				13.1					
Isophorone	0.7763	0.7230	0.6830	0.7510	0.8017	Ave		0.7470				6.2					
2-Nitrophenol	0.2235	0.2234	0.2203	0.2337	0.2824	Ave		0.2367				11.0					
2,4-Dimethylphenol	0.2870	0.2827	0.3033	0.3152	0.3294	Ave		0.3035				6.4					
Bis(2-chloroethoxy)methane	0.3312	0.3385	0.3316	0.3583	0.3636	Ave		0.3447				4.4					
2,4-Dichlorophenol	0.3588	0.3748	0.3671	0.4103	0.4619	Ave		0.3946				10.8					
1,2,4-Trichlorobenzene	0.3456	0.4046	0.4030	0.4226	0.4624	Ave		0.4076				10.3					
Benzoic acid	0.0836	0.1540	0.1584	0.1497	0.1600	Ave		0.1411				23.0					

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

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50402

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2010 11:56 Calibration End Date: 09/27/2010 13:23 Calibration ID: 7981

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	0.8584	0.9346	0.9939	0.9688	1.0898	Ave		0.9691				8.7					
4-Chloroaniline	0.4037	0.3840	0.3975	0.3910	0.4955	Ave		0.4143				11.1					
Hexachlorobutadiene	0.1787	0.1908	0.1817	0.2018	0.2146	Ave		0.1935				7.7					
Caprolactam	0.0860	0.0709	0.0692	0.0821	0.0870	Ave		0.0790				10.7					
4-Chloro-3-methylphenol	0.2681	0.2864	0.2634	0.2686	0.3121	Ave		0.2797				7.2					
2-Methylnaphthalene	0.6206	0.6202	0.6653	0.7361	1.1393	Ave		0.7563				29.0					
1-Methylnaphthalene	0.6133	0.6564	0.6555	0.6908	0.7895	Ave		0.6811				9.8					
Hexachlorocyclopentadiene	0.2385	0.2648	0.3164	0.3211	0.4113	Ave		0.3104				21.4					
1,2,4,5-Tetrachlorobenzene	0.5232	0.5542	0.6013	0.6107	0.6883	Ave		0.5955				10.6					
2,4,6-Trichlorophenol	0.3781	0.3952	0.4751	0.4374	0.5348	Ave		0.4441				14.2					
2,4,5-Trichlorophenol	0.4069	0.4311	0.4690	0.4761	0.5911	Ave		0.4748				14.9					
2-Chloronaphthalene	1.0483	1.1457	1.3212	1.2807	1.5904	Ave		1.2773				16.1					
Diphenyl	1.2605	1.3046	1.6662	1.4822	1.9385	Ave		1.5304				18.2					
Diphenyl ether	0.6933	0.7051	0.8113	0.7624	0.9526	Ave		0.7849				13.4					
2-Nitroaniline	0.3532	0.3550	0.3772	0.3782	0.4163	Ave		0.3760				6.8					
Dimethylnaphthalene, total	0.8109	0.7856	0.9189	0.8481	1.0658	Ave		0.8859				12.7					
Coumarin	0.2853	0.2411	0.2465	0.2452	0.3018	Ave		0.2640				10.5					
Dimethyl phthalate	1.2955	1.3022	1.3612	1.3628	1.6057	Ave		1.3855				9.2					
2,6-Dinitrotoluene	0.2806	0.3115	0.3785	0.3888	0.4578	Ave		0.3634				19.1					
Acenaphthylene	1.5741	1.5285	1.7537	1.7903	2.0584	Ave		1.7410				12.1					
3-Nitroaniline	0.3160	0.2885	0.3107	0.3297	0.3698	Ave		0.3229				9.3					
Acenaphthene	0.8634	0.9408	1.0908	1.0214	1.2196	Ave		1.0272				13.4					
2,4-Dinitrophenol	0.1208	0.1604	0.1753	0.2027	0.2281	Ave		0.1774				23.1					
Dibenzofuran	1.4327	1.4622	1.6747	1.5824	1.8770	Ave		1.6058				11.2					
2,4-Dinitrotoluene	0.3508	0.3844	0.3986	0.4285	0.4840	Ave		0.4093				12.3					
4-Nitrophenol	0.2220	0.2650	0.2707	0.2661	0.3060	Ave		0.2659				11.2					
1-Naphthylamine	0.9257	0.8349	0.8108	0.9633	0.9897	Ave		0.9049				8.7					
2,3,4,6-Tetrachlorophenol	0.2978	0.2767	0.3096	0.3202	0.3551	Ave		0.3119				9.3					
2-Naphthylamine	0.9322	0.7883	0.9175	0.9996	1.1150	Ave		0.9505				12.6					
Diethyl phthalate	1.1812	1.3186	1.3314	1.2566	1.5095	Ave		1.3195				9.2					
Fluorene	1.0228	1.0022	1.2890	1.2024	1.4535	Ave		1.1940				15.8					
4-Chlorophenyl phenyl ether	0.5418	0.5462	0.6042	0.5473	0.6885	Ave		0.5856				10.8					
4-Nitroaniline	0.2684	0.2610	0.2639	0.2511	0.3253	Ave		0.2739				10.7					
4,6-Dinitro-2-methylphenol	0.1384	0.1517	0.1657	0.1546	0.1677	Ave		0.1556				7.6					
N-Nitrosodiphenylamine	0.5414	0.4620	0.5574	0.5384	0.5434	Ave		0.5285				7.2					
1,2-Diphenylhydrazine	0.8014	0.8022	1.0412	0.9661	0.9430	Ave		0.9108				11.6					
4-Bromophenyl phenyl ether	0.1748	0.1944	0.2052	0.1845	0.1801	Ave		0.1878				6.4					
Hexachlorobenzene	0.2412	0.2546	0.2688	0.2287	0.2478	Ave		0.2482				6.0					
Atrazine	0.1870	0.1695	0.1854	0.1585	0.1818	Ave		0.1764				6.9					
Pentachlorophenol	0.1133	0.1441	0.1395	0.1363	0.1460	Ave		0.1359				9.7					
n-Octadecane	0.4136	0.4268	0.4599	0.4444	0.4751	Ave		0.4440				5.6					

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

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50402

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2010 11:56 Calibration End Date: 09/27/2010 13:23 Calibration ID: 7981

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	1.0131	0.9871	1.0738	0.9670	1.1014	Ave		1.0285				5.6					
Anthracene	0.9778	0.9764	1.0495	0.9364	1.0538	Ave		0.9988				5.1					
Carbazole	0.9131	0.8148	0.8681	0.8334	0.9098	Ave		0.8678				5.1					
Di-n-butyl phthalate	1.2592	1.2904	1.1578	1.1742	1.3258	Ave		1.2415				5.9					
Fluoranthene	0.9079	0.8981	0.9200	0.8386	0.9721	Ave		0.9074				5.3					
Benzidine	0.1446	0.2130	0.1645	0.0871	0.0627	Ave		0.1344				44.9					
Pyrene	1.4339	1.5660	1.6760	1.3623	1.5565	Ave		1.5190				8.1					
Butyl benzyl phthalate	0.7262	0.7735	0.8120	0.7366	0.8641	Ave		0.7825				7.3					
Carbamazepine	0.3356	0.4208	0.4244	0.4821	0.4733	Ave		0.4272				13.6					
Benzo[a]anthracene	1.1571	0.9485	0.9878	0.9686	1.0243	Ave		1.0172				8.2					
3,3'-Dichlorobenzidine	0.3748	0.3612	0.3785	0.3127	0.2995	Ave		0.3454				10.6					
Chrysene	0.8431	0.8394	0.8681	0.8482	0.8968	Ave		0.8591				2.8					
Bis(2-ethylhexyl) phthalate	0.9098	0.9573	1.0349	1.0836	1.1046	Ave		1.0180				8.1					
Di-n-octyl phthalate	1.7586	2.2150	2.0155	2.3572	2.6690	Ave		2.2031				15.6					
Benzo[b]fluoranthene	0.8514	1.0830	1.1702	1.2467	1.5647	Ave		1.1832				22.0					
Benzo[k]fluoranthene	1.1152	1.1354	1.0527	1.1769	1.0906	Ave		1.1141				4.2					
Benzo[a]pyrene	0.6707	0.9337	0.9947	1.1216	1.0630	Ave		0.9567				18.3					
Indeno[1,2,3-cd]pyrene	0.7237	0.9899	1.0202	1.1681	1.2095	Ave		1.0223				18.7					
Dibenz(a,h)anthracene	0.6100	0.8889	0.9721	1.0365	1.0494	Ave		0.9114				19.8					
Benzo[g,h,i]perylene	0.8074	0.9322	0.9963	1.1228	1.0696	Ave		0.9857				12.5					
2-Fluorophenol	0.7882	0.8546	0.9784	1.1875	1.2932	Ave		1.0204				21.1					
Phenol-d5	1.1426	1.2392	1.3784	1.5672	1.6719	Ave		1.3999				15.8					
Nitrobenzene-d5	0.4200	0.4170	0.4317	0.4386	0.4462	Ave		0.4307				2.9					
2-Fluorobiphenyl	1.2270	1.2495	1.4103	1.3927	1.5852	Ave		1.3729				10.5					
2,4,6-Tribromophenol	0.2637	0.2307	0.2576	0.2854	0.3090	Ave		0.2693				11.0					
Terphenyl-d14	0.8131	0.7692	0.8386	0.8006	0.8040	Ave		0.8051				3.1					

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

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50402

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2010 11:56 Calibration End Date: 09/27/2010 13:23 Calibration ID: 7981

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50402/4	m48280.d
Level 2	IC 460-50402/6	m48282.d
Level 3	ICIS 460-50402/2	m48278.d
Level 4	IC 460-50402/5	m48281.d
Level 5	IC 460-50402/3	m48279.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	9498	36848	92634	133100	193893	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	21082	65305	206569	251693	414348	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	25257	106244	281058	377966	610002	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	804	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	18173	44389	143569	61326	52643	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	39141	132740	410697	559676	873464	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	35660	138198	427271	621804	1137281	5.00	20.0	50.0	80.0	120
Benzonitrile	DCB	Ave	59819	200975	610415	713518	891080	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	4993	107077	305711	493431	866272	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	33870	125082	385988	555724	950176	5.00	20.0	50.0	80.0	120
Decane	DCB	Ave	36056	124122	321796	417676	586476	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	42734	153187	452796	587550	942094	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	45165	157371	454575	638897	976514	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	40031	158701	462382	610008	1002889	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	17286	66158	197903	273317	516068	5.00	20.0	50.0	80.0	120
bis (2-chloroisopropyl) ether	DCB	Ave	51805	216583	580478	810976	1263773	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	26611	99496	280817	421738	673203	5.00	20.0	50.0	80.0	120
N-Methylaniline	DCB	Ave	49008	172037	487062	661769	1021754	5.00	20.0	50.0	80.0	120
2-Toluidine	DCB	Ave	34434	119595	354751	445326	715668	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	45153	161885	479766	653658	1113703	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	2369	108353	316414	414162	596485	0.500	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	1543	62293	185007	263797	436810	0.500	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	28580	107190	311505	440911	763911	5.00	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	6894	199152	609418	783876	1293239	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	4374	171553	511511	669603	1189941	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	79906	266654	724698	1066143	1730465	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	23006	82383	233736	331724	609596	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	29535	104251	321835	447450	710947	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	34094	124841	351869	508683	784766	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	36925	138229	389493	582472	996981	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	3557	149222	427557	599901	998145	0.500	20.0	50.0	80.0	120
Benzoic acid	NPT	Ave	8604	56800	168113	212537	345307	5.00	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	88348	344692	1054597	1375207	2352424	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	41549	141624	421782	555058	1069599	5.00	20.0	50.0	80.0	120

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50402

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2010 11:56 Calibration End Date: 09/27/2010 13:23 Calibration ID: 7981

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	NPT	Ave	3678	70368	192748	286478	463132	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	8854	26145	73444	116488	187806	5.00	20.0	50.0	80.0	120
4-Chloro-3-methylphenol	NPT	Ave	27593	105632	279495	381276	673679	5.00	20.0	50.0	80.0	120
2-Methylnaphthalene	NPT	Ave	63874	228746	705912	1044973	2459326	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	63122	242082	695468	980596	1704216	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	17816	67336	201112	295239	551776	5.00	20.0	50.0	80.0	120
1,2,4,5-Tetrachlorobenzene	ANT	Ave	39082	140930	382168	561499	923387	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	28247	100510	301951	402190	717444	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	30397	109635	298065	437727	793010	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	78314	291348	839736	1177501	2133690	5.00	20.0	50.0	80.0	120
Diphenyl	ANT	Ave	94164	331767	1059023	1362802	2600658	5.00	20.0	50.0	80.0	120
Diphenyl ether	ANT	Ave	51796	179301	515645	700936	1278053	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	52775	90290	239724	347716	558513	10.0	20.0	50.0	80.0	120
Dimethylnaphthalene, total	ANT	Ave	60581	199790	584040	779798	1429862	5.00	20.0	50.0	80.0	120
Coumarin	NPT	Ave	29368	88928	261514	348009	651415	5.00	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	96783	331153	865128	1253032	2154196	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	4192	79216	240555	357429	614223	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	117589	388701	1114638	1646085	2761542	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	47211	73358	197465	303137	496157	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	64498	239242	693275	939133	1636204	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	27068	61173	111420	186328	305973	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	107031	371837	1064427	1454902	2518165	5.00	20.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	5241	97763	253339	394014	649345	1.00	20.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	49755	101097	172030	244628	410502	15.0	30.0	50.0	80.0	120
1-Naphthylamine	ANT	Ave	69154	212312	515353	885661	1327798	5.00	20.0	50.0	80.0	120
2,3,4,6-Tetrachlorophenol	ANT	Ave	22247	70367	196744	294371	476472	5.00	20.0	50.0	80.0	120
2-Naphthylamine	ANT	Ave	69638	200465	583173	919067	1495958	5.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	88239	335322	846236	1155391	2025227	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	76406	254866	819250	1105552	1950071	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	40478	138900	383989	503191	923699	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	40094	66375	167744	230841	436433	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	49227	89020	155248	228229	387680	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	64175	180751	522170	794776	1255850	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	95004	313814	975510	1426196	2179482	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	20716	76051	192241	272359	416266	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	2859	99586	251855	337615	572651	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	22163	66323	173668	233920	420123	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	40296	84557	130712	201276	337529	15.0	30.0	50.0	80.0	120
n-Octadecane	PHN	Ave	49032	166947	430860	656060	1098168	5.00	20.0	50.0	80.0	120
Phenanthrene	PHN	Ave	120092	386141	1006013	1427508	2545628	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	115915	381955	983212	1382369	2435534	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	108245	318730	813312	1230337	2102720	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	149266	504790	1084738	1733441	3064224	5.00	20.0	50.0	80.0	120

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50402

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2010 11:56 Calibration End Date: 09/27/2010 13:23 Calibration ID: 7981

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	107626	351333	861968	1238059	2246830	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	17138	124993	154079	128616	145017	5.00	30.0	50.0	80.0	120
Pyrene	CRY	Ave	105506	368645	864014	1208528	2230055	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	53436	182073	418611	653433	1237935	5.00	20.0	50.0	80.0	120
Carbamazepine	CRY	Ave	24695	99045	218806	427671	678066	5.00	20.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	8514	223266	509231	859262	1467479	0.500	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	55155	127543	195149	277397	429138	10.0	30.0	50.0	80.0	120
Chrysene	CRY	Ave	62038	197583	447516	752424	1284847	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	66944	225337	533532	961255	1582629	5.00	20.0	50.0	80.0	120
Di-n-octyl phthalate	PRY	Ave	86999	330715	750737	1318518	2500174	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	4212	161705	435879	697364	1465710	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	5517	169518	392118	658329	1021555	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	3318	139414	370526	627384	995707	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	3580	147803	380000	653419	1132931	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	3018	132718	362078	579804	983034	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	39941	139186	371110	628080	1001955	5.00	20.0	50.0	80.0	120
2-Fluorophenol	DCB	Ave	25083	92513	295472	501279	783097	5.00	20.0	50.0	80.0	120
Phenol-d5	DCB	Ave	36362	134158	416294	661546	1012431	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5	NPT	Ave	43233	153795	458004	622625	963106	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	91659	317756	896356	1280481	2126702	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol	ANT	Ave	19699	58664	163742	262446	414625	5.00	20.0	50.0	80.0	120
Terphenyl-d14	CRY	Ave	59832	181078	432321	710220	1151854	5.00	20.0	50.0	80.0	120

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50414

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 13:04 Calibration End Date: 09/28/2010 14:39 Calibration ID: 7982

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50414/4	m48335.d
Level 2	IC 460-50414/6	m48337.d
Level 3	ICIS 460-50414/2	m48333.d
Level 4	IC 460-50414/5	m48336.d
Level 5	IC 460-50414/3	m48334.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.3693	0.3666	0.3791	0.3601	0.3762	Ave		0.3703				2.1					
N-Nitrosodimethylamine	0.5938	0.5835	0.7391	0.6153	0.6327	Ave		0.6329				9.9					
Pyridine	0.8051	0.9544	1.1021	0.9817	1.0028	Ave		0.9692				11.1					
2,3,7,8-TCDD	+++++	+++++	0.1504	+++++	+++++	Ave		0.1504									
Benzaldehyde	0.5917	0.3649	0.4984	0.0922	0.0335	Ave		0.3161				77.7					
Aniline	1.1226	1.0817	1.5064	1.1888	1.1064	Ave		1.2012				14.6					
Phenol	1.1079	1.1619	1.5760	1.3204	1.5879	Ave		1.3508				16.7					
Bis(2-chloroethyl)ether	1.2563	0.8655	1.1273	1.1155	1.5888	Ave		1.1907				22.2					
Benzonitrile	1.7108	1.8160	2.2362	1.8153	2.1830	Ave		1.9523				12.3					
2-Chlorophenol	0.9858	1.0631	1.3341	1.1612	1.3707	Ave		1.1830				14.1					
Decane	1.2244	1.0977	1.2988	1.1487	1.2719	Ave		1.2083				7.0					
1,3-Dichlorobenzene	1.3531	1.4235	1.6221	1.3610	1.5835	Ave		1.4686				8.6					
1,4-Dichlorobenzene	1.4319	1.4429	1.5818	1.5200	1.6600	Ave		1.5273				6.3					
1,2-Dichlorobenzene	1.3332	1.4065	1.7184	1.4338	1.6350	Ave		1.5054				10.9					
Benzyl alcohol	0.5281	0.6319	0.8125	0.5814	0.6847	Ave		0.6477				16.8					
2,2'-oxybis[1-chloropropane]	1.7065	1.7574	2.0690	1.7041	1.9230	Ave		1.8320				8.7					
2-Methylphenol	0.8715	0.9075	1.1095	0.8153	0.9359	Ave		0.9279				12.0					
2-Toluidine	1.1786	1.0912	1.3721	1.0052	1.0450	Ave		1.1384				12.8					
N-Methylaniline	1.3794	1.4933	1.9431	1.3611	1.2902	Ave		1.4934				17.5					
Acetophenone	1.4020	1.4886	1.7798	1.2510	1.6037	Ave		1.5050				13.3					
N-Nitrosodi-n-propylamine	0.8505	0.8581	1.2417	0.9299	0.9249	Ave		0.9610				16.8					
Hexachloroethane	0.3671	0.5995	0.7151	0.6171	0.7133	Ave		0.6024				23.6					
4-Methylphenol	0.8764	0.9092	1.1801	0.8887	0.9676	Ave		0.9644				13.0					
n,n'-Dimethylaniline	1.3496	1.4655	1.9409	1.4593	1.8183	Ave		1.6067				16.0					
Nitrobenzene	0.3206	0.6012	0.6334	0.5540	0.6194	Ave		0.5457				23.7					
Isophorone	0.6577	0.7566	0.7979	0.7433	0.7970	Ave		0.7505				7.6					
2-Nitrophenol	0.2275	0.2412	0.2564	0.2486	0.2827	Ave		0.2513				8.2					
2,4-Dimethylphenol	0.2676	0.3043	0.3198	0.3082	0.3379	Ave		0.3076				8.4					
Bis(2-chloroethoxy)methane	0.3126	0.3629	0.3625	0.3537	0.3740	Ave		0.3531				6.7					
2,4-Dichlorophenol	0.3793	0.3928	0.4221	0.4045	0.4528	Ave		0.4103				6.9					
1,2,4-Trichlorobenzene	0.3425	0.4443	0.4493	0.4445	0.4747	Ave		0.4311				11.8					
Benzoic acid	0.1417	0.1993	0.1355	0.1630	0.1677	Ave		0.1614				15.6					

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

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50414

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 13:04 Calibration End Date: 09/28/2010 14:39 Calibration ID: 7982

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	0.8966	0.9383	0.9989	0.9718	1.1772	Ave		0.9966				10.8					
4-Chloroaniline	0.3588	0.4504	0.4816	0.4406	0.4890	Ave		0.4441				11.7					
Hexachlorobutadiene	0.1532	0.2048	0.1988	0.2103	0.2260	Ave		0.1986				13.8					
Caprolactam	0.0905	0.0752	0.1081	0.0809	0.0932	Ave		0.0896				14.1					
4-Chloro-3-methylphenol	0.2666	0.2958	0.3437	0.2696	0.3199	Ave		0.2991				11.0					
2-Methylnaphthalene	0.5899	0.6377	0.7911	0.9775	1.1136	Ave		0.8220				27.1					
1-Methylnaphthalene	0.6340	0.6897	0.7484	0.6639	0.7748	Ave		0.7022				8.3					
Hexachlorocyclopentadiene	0.2110	0.2517	0.2806	0.3163	0.3515	Ave		0.2822				19.4					
1,2,4,5-Tetrachlorobenzene	0.5514	0.5272	0.5640	0.5685	0.6064	Ave		0.5635				5.1					
2,4,6-Trichlorophenol	0.3719	0.4182	0.4296	0.4158	0.4681	Ave		0.4207				8.2					
2,4,5-Trichlorophenol	0.4224	0.4197	0.4710	0.4630	0.4832	Ave		0.4518				6.4					
2-Chloronaphthalene	1.0375	1.1399	1.1142	1.2361	1.3544	Ave		1.1764				10.4					
Diphenyl	1.2436	1.3032	1.2896	1.4503	1.5178	Ave		1.3609				8.6					
Diphenyl ether	0.6438	0.7187	0.7070	0.7204	0.8193	Ave		0.7218				8.7					
2-Nitroaniline	0.3411	0.4172	0.4126	0.3832	0.3924	Ave		0.3893				7.8					
Dimethylnaphthalene, total	0.7284	0.7752	0.8416	0.8654	0.9629	Ave		0.8347				10.8					
Coumarin	0.2962	0.3028	0.3466	0.2979	0.3133	Ave		0.3113				6.7					
Dimethyl phthalate	1.2797	1.3907	1.2893	1.4051	1.5038	Ave		1.3737				6.7					
2,6-Dinitrotoluene	0.3224	0.3357	0.3657	0.3476	0.3858	Ave		0.3514				7.1					
Acenaphthylene	1.5577	1.6255	1.6931	1.6361	1.8256	Ave		1.6676				6.0					
3-Nitroaniline	0.3251	0.3274	0.3410	0.3567	0.3809	Ave		0.3462				6.7					
Acenaphthene	0.8456	1.0461	1.0213	1.0369	1.1461	Ave		1.0192				10.7					
2,4-Dinitrophenol	0.1718	0.2071	0.2333	0.2300	0.2297	Ave		0.2144				12.1					
Dibenzofuran	1.5171	1.5080	1.6021	1.6660	1.6636	Ave		1.5913				4.8					
2,4-Dinitrotoluene	0.3283	0.4315	0.4475	0.4243	0.4569	Ave		0.4177				12.4					
4-Nitrophenol	0.2774	0.2714	0.3366	0.3405	0.3306	Ave		0.3113				10.9					
1-Naphthylamine	0.9420	0.8701	1.0464	1.0205	0.9344	Ave		0.9627				7.4					
2,3,4,6-Tetrachlorophenol	0.2886	0.2943	0.3400	0.3488	0.3391	Ave		0.3222				8.8					
2-Naphthylamine	0.9942	0.9068	1.0158	1.1613	1.0134	Ave		1.0183				9.0					
Diethyl phthalate	1.3297	1.3738	1.4294	1.4066	1.4220	Ave		1.3923				2.9					
Fluorene	1.1829	1.1795	1.3910	1.2457	1.4181	Ave		1.2834				8.9					
4-Chlorophenyl phenyl ether	0.5540	0.5748	0.6416	0.6037	0.6719	Ave		0.6092				7.9					
4-Nitroaniline	0.2999	0.3124	0.3316	0.2915	0.2989	Ave		0.3069				5.1					
4,6-Dinitro-2-methylphenol	0.1386	0.1708	0.1519	0.1441	0.1631	Ave		0.1537				8.6					
N-Nitrosodiphenylamine	0.4673	0.4944	0.5384	0.4935	0.4429	Ave		0.4873				7.3					
1,2-Diphenylhydrazine	0.7430	0.8796	0.9597	0.8256	0.9967	Ave		0.8809				11.6					
4-Bromophenyl phenyl ether	0.1469	0.1844	0.1893	0.1640	0.1961	Ave		0.1761				11.5					
Hexachlorobenzene	0.2288	0.2559	0.2423	0.2345	0.2411	Ave		0.2405				4.2					
Atrazine	0.1673	0.1756	0.1694	0.1747	0.1799	Ave		0.1734				2.9					
Pentachlorophenol	0.1191	0.1476	0.1475	0.1421	0.1475	Ave		0.1408				8.8					
n-Octadecane	0.4023	0.3893	0.3959	0.3924	0.4561	Ave		0.4072				6.8					

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

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50414

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 13:04 Calibration End Date: 09/28/2010 14:39 Calibration ID: 7982

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	0.9297	1.0555	1.0985	1.1147	1.0933	Ave		1.0583				7.1					
Anthracene	0.9070	1.0275	1.0334	0.9772	1.0365	Ave		0.9963				5.6					
Carbazole	0.8149	0.9447	1.0346	0.8744	0.9087	Ave		0.9155				9.0					
Di-n-butyl phthalate	1.1864	1.3794	1.4368	1.2285	1.2645	Ave		1.2991				8.1					
Fluoranthene	0.9329	0.9810	1.0254	0.9017	0.8835	Ave		0.9449				6.2					
Benzidine	0.1269	0.2506	0.1656	0.0788	0.0538	Ave		0.1351				57.4					
Pyrene	1.3899	1.5619	1.4238	1.5018	1.5865	Ave		1.4928				5.7					
Butyl benzyl phthalate	0.7401	0.7871	0.8249	0.8321	0.8644	Ave		0.8097				5.9					
Carbamazepine	0.3906	0.4777	0.4452	0.4449	0.5031	Ave		0.4523				9.3					
Benzo[a]anthracene	1.2360	1.0908	0.9811	1.0363	1.0742	Ave		1.0837				8.8					
3,3'-Dichlorobenzidine	0.3727	0.3701	0.3339	0.2956	0.3031	Ave		0.3351				10.8					
Chrysene	0.8490	0.9110	0.8431	0.8538	0.9348	Ave		0.8783				4.7					
Bis(2-ethylhexyl) phthalate	0.9833	1.0411	1.1264	1.0364	1.2370	Ave		1.0848				9.2					
Di-n-octyl phthalate	2.0688	2.2824	2.5404	2.5712	2.8501	Ave		2.4626				12.1					
Benzo[b]fluoranthene	1.1208	1.1137	1.2467	1.3646	1.6570	Ave		1.3006				17.2					
Benzo[k]fluoranthene	1.4127	1.1658	1.2823	1.0693	1.2201	Ave		1.2300				10.5					
Benzo[a]pyrene	0.6341	0.9445	0.9911	0.9847	1.1063	Ave		0.9321				19.0					
Indeno[1,2,3-cd]pyrene	0.7940	0.7919	0.8916	0.9852	1.3184	Ave		0.9562				22.8					
Dibenz(a,h)anthracene	0.7276	0.7574	0.8179	0.9280	0.9871	Ave		0.8436				13.2					
Benzo[g,h,i]perylene	0.7600	0.8116	0.9191	0.9717	1.0955	Ave		0.9116				14.6					
2-Fluorophenol	0.8973	0.9338	1.1565	1.0745	1.0492	Ave		1.0222				10.4					
Phenol-d5	1.0879	1.0855	1.4972	1.2932	1.2697	Ave		1.2467				13.7					
Nitrobenzene-d5	0.4130	0.4601	0.4739	0.4388	0.4579	Ave		0.4488				5.3					
2-Fluorobiphenyl	1.1302	1.2661	1.3619	1.3149	1.3537	Ave		1.2854				7.4					
2,4,6-Tribromophenol	0.2904	0.2671	0.3027	0.3248	0.2846	Ave		0.2939				7.3					
Terphenyl-d14	0.7945	0.7475	0.8164	0.8076	0.8526	Ave		0.8037				4.7					

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

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50414

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 13:04 Calibration End Date: 09/28/2010 14:39 Calibration ID: 7982

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50414/4	m48335.d
Level 2	IC 460-50414/6	m48337.d
Level 3	ICIS 460-50414/2	m48333.d
Level 4	IC 460-50414/5	m48336.d
Level 5	IC 460-50414/3	m48334.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	9657	44770	76671	152038	230435	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	15528	71260	149497	259770	387500	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	21053	116554	222912	414464	614190	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	968	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	15472	44563	100811	38923	20490	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	29355	132111	304696	501918	677688	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	28971	141898	318768	557499	972601	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	3285	105697	228013	470995	973139	0.500	20.0	50.0	80.0	120
Benzonitrile	DCB	Ave	44736	221783	452307	766425	1337078	5.00	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	25778	129835	269849	490290	839521	5.00	20.0	50.0	80.0	120
Decane	DCB	Ave	32016	134062	262701	484979	779041	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	35382	173850	328084	574618	969888	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	37444	176213	319948	641761	1016738	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	34861	171770	347576	605347	1001394	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	13809	77170	164331	245456	419403	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	44623	214627	418491	719496	1177835	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	22788	110826	224414	344214	573251	5.00	20.0	50.0	80.0	120
2-Toluidine	DCB	Ave	30818	133271	277521	424392	640050	5.00	20.0	50.0	80.0	120
N-Methylaniline	DCB	Ave	36071	182376	393014	574675	790249	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	36660	181805	359992	528205	982252	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	2224	104800	251159	392609	566518	0.500	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	960	73221	144641	260548	436862	0.500	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	22918	111035	238686	375209	592630	5.00	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	3529	178972	392580	616131	1113711	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	2651	222192	454780	696293	1183334	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	54384	279638	572849	934214	1522493	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	18809	89132	184107	312519	539999	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	22129	112450	229591	387423	645575	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	25848	134103	260275	444553	714404	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	31359	145165	303055	508442	865051	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	2832	164216	322566	558627	906827	0.500	20.0	50.0	80.0	120
Benzoic acid	NPT	Ave	11717	73655	97310	204878	320352	5.00	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	74136	346783	717156	1221472	2248839	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	29670	166457	345795	553757	934195	5.00	20.0	50.0	80.0	120

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50414

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 13:04 Calibration End Date: 09/28/2010 14:39 Calibration ID: 7982

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	NPT	Ave	2533	75688	142745	264344	431685	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	7480	27799	77648	101655	178123	5.00	20.0	50.0	80.0	120
4-Chloro-3-methylphenol	NPT	Ave	22045	109333	246781	338804	611098	5.00	20.0	50.0	80.0	120
2-Methylnaphthalene	NPT	Ave	48777	235673	568018	1228612	2127375	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	52420	254900	537313	834459	1480228	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	11828	65262	156098	271522	459524	5.00	20.0	50.0	80.0	120
1,2,4,5-Tetrachlorobenzene	ANT	Ave	30908	136688	313763	488061	792743	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	20849	108448	238989	357000	611931	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	23678	108831	261994	397468	631702	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	58155	295565	619813	1061266	1770668	5.00	20.0	50.0	80.0	120
Diphenyl	ANT	Ave	69710	337921	717426	1245093	1984310	5.00	20.0	50.0	80.0	120
Diphenyl ether	ANT	Ave	36089	186345	393314	618503	1071062	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	38246	108181	229543	328987	512966	10.0	20.0	50.0	80.0	120
Dimethylnaphthalene, total	ANT	Ave	40829	201014	468173	742941	1258806	5.00	20.0	50.0	80.0	120
Coumarin	NPT	Ave	24487	111924	248838	374423	598420	5.00	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	71732	360598	717261	1206340	1965941	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	3614	87052	203451	298395	504396	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	87319	421469	941901	1404683	2386612	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	36451	84895	189696	306224	497918	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	47399	271240	568179	890225	1498366	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	28897	80549	129798	197424	300323	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	85039	391026	891234	1430295	2174825	5.00	20.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	3680	111889	248930	364274	597325	1.00	20.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	46649	105545	187256	292299	432180	15.0	30.0	50.0	80.0	120
1-Naphthylamine	ANT	Ave	52805	225613	582143	876148	1221569	5.00	20.0	50.0	80.0	120
2,3,4,6-Tetrachlorophenol	ANT	Ave	16175	76310	189152	299500	443263	5.00	20.0	50.0	80.0	120
2-Naphthylamine	ANT	Ave	55729	235133	565092	997032	1324840	5.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	74537	356224	795199	1207587	1859004	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	66306	305845	773815	1069482	1853891	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	31054	149042	356900	518263	878452	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	33625	81015	184470	250278	390723	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	44005	107703	147647	220146	354710	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	49461	207788	523252	754064	963026	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	78649	369693	932705	1261440	2167161	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	15548	77503	183942	250645	426443	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	2422	107571	235429	358256	524349	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	17708	73787	164597	266877	391103	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	37822	93079	143337	217047	320788	15.0	30.0	50.0	80.0	120
n-Octadecane	PHN	Ave	42584	163614	384748	599541	991767	5.00	20.0	50.0	80.0	120
Phenanthrene	PHN	Ave	98402	443602	1067540	1703202	2377345	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	96001	431853	1004293	1493059	2253832	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	86259	397041	1005489	1335966	1975931	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	125574	579765	1396281	1877069	2749603	5.00	20.0	50.0	80.0	120

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50414

SDG No.:

Instrument ID: BNAMS6 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 13:04 Calibration End Date: 09/28/2010 14:39 Calibration ID: 7982

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	98744	412297	996481	1377768	1921069	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	13436	157970	160904	120390	116991	5.00	30.0	50.0	80.0	120
Pyrene	CRY	Ave	97893	440239	916224	1472642	1957860	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	52123	221859	530815	815972	1066803	5.00	20.0	50.0	80.0	120
Carbamazepine	CRY	Ave	27509	134633	286504	436309	620909	5.00	20.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	8705	307469	631369	1016202	1325656	0.500	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	52496	156491	214859	289908	374111	10.0	30.0	50.0	80.0	120
Chrysene	CRY	Ave	59795	256767	542564	837219	1153571	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	69252	293457	724855	1016310	1526550	5.00	20.0	50.0	80.0	120
Di-n-octyl phthalate	PRY	Ave	95761	440188	962425	1552443	2264026	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	5188	214792	472305	823934	1316255	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	6539	224841	485802	645606	969185	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	2935	182159	375492	594511	878798	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	3675	152730	337783	594821	1047271	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	3368	146076	309859	560313	784112	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	35179	156521	348209	586674	870216	5.00	20.0	50.0	80.0	120
2-Fluorophenol	DCB	Ave	23463	114037	233914	453647	642626	5.00	20.0	50.0	80.0	120
Phenol-d5	DCB	Ave	28448	132565	302839	545984	777699	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5	NPT	Ave	34149	170052	340279	551555	874741	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	63352	328298	757618	1128901	1769742	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol	ANT	Ave	16280	69247	168384	278830	372063	5.00	20.0	50.0	80.0	120
Terphenyl-d14	CRY	Ave	55959	210698	525343	791940	1052131	5.00	20.0	50.0	80.0	120

Curve Type Legend:
Ave = Average ISTD

Data File: /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48277.d
Report Date: 27-Sep-2010 12:28

TestAmerica

Data file : /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48277.d
Lab Smp Id: DFTPP-459998
Inj Date : 27-SEP-2010 10:34
Operator : BNA2 Inst ID: BNAMS6.i
Smp Info : DFTPP-459998
Misc Info : 25ng/uL DFTPP STD 4472
Comment :
Method : /chem/BNAMS6.i/625/09-27-10/27sep10.b/BNADFTPP.m
Meth Date : 06-Sep-2010 18:23 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

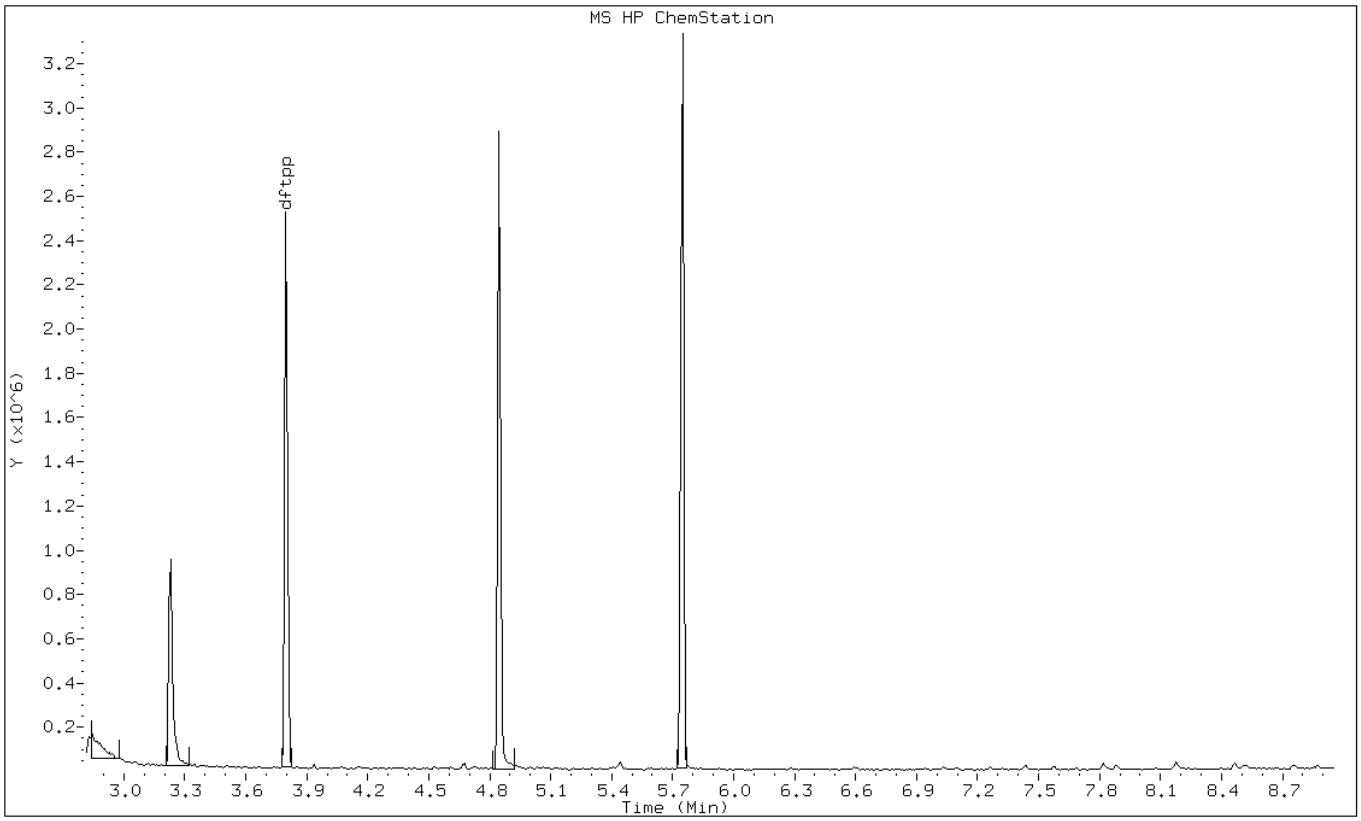
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
3.796	4.150	-0.354	198	196581			0.00- 100.00	100.00
3.796	4.150	-0.354	51	107762			30.00- 60.00	54.82
3.796	4.150	-0.354	68	0			0.00- 2.00	0.00
3.796	4.150	-0.354	69	155986			0.00- 0.00	79.35
3.796	4.150	-0.354	70	380			0.00- 2.00	0.24
3.796	4.150	-0.354	127	99474			40.00- 60.00	50.60
3.796	4.150	-0.354	197	0			0.00- 1.00	0.00
3.796	4.150	-0.354	199	12623			5.00- 9.00	6.42
3.796	4.150	-0.354	275	29961			10.00- 30.00	15.24
3.796	4.150	-0.354	365	4559			1.00- 0.00	2.32
3.796	4.150	-0.354	441	25906			0.01- 100.00	88.94
3.796	4.150	-0.354	442	154432			40.00- 110.00	78.56
3.796	4.150	-0.354	443	29128			17.00- 23.00	18.86

Data File: m48277.d

Date: 27-SEP-2010 10:34

Client ID: Instrument: BNAMS6.i

Sample Info: DFTPP-459998 Operator: BNA2



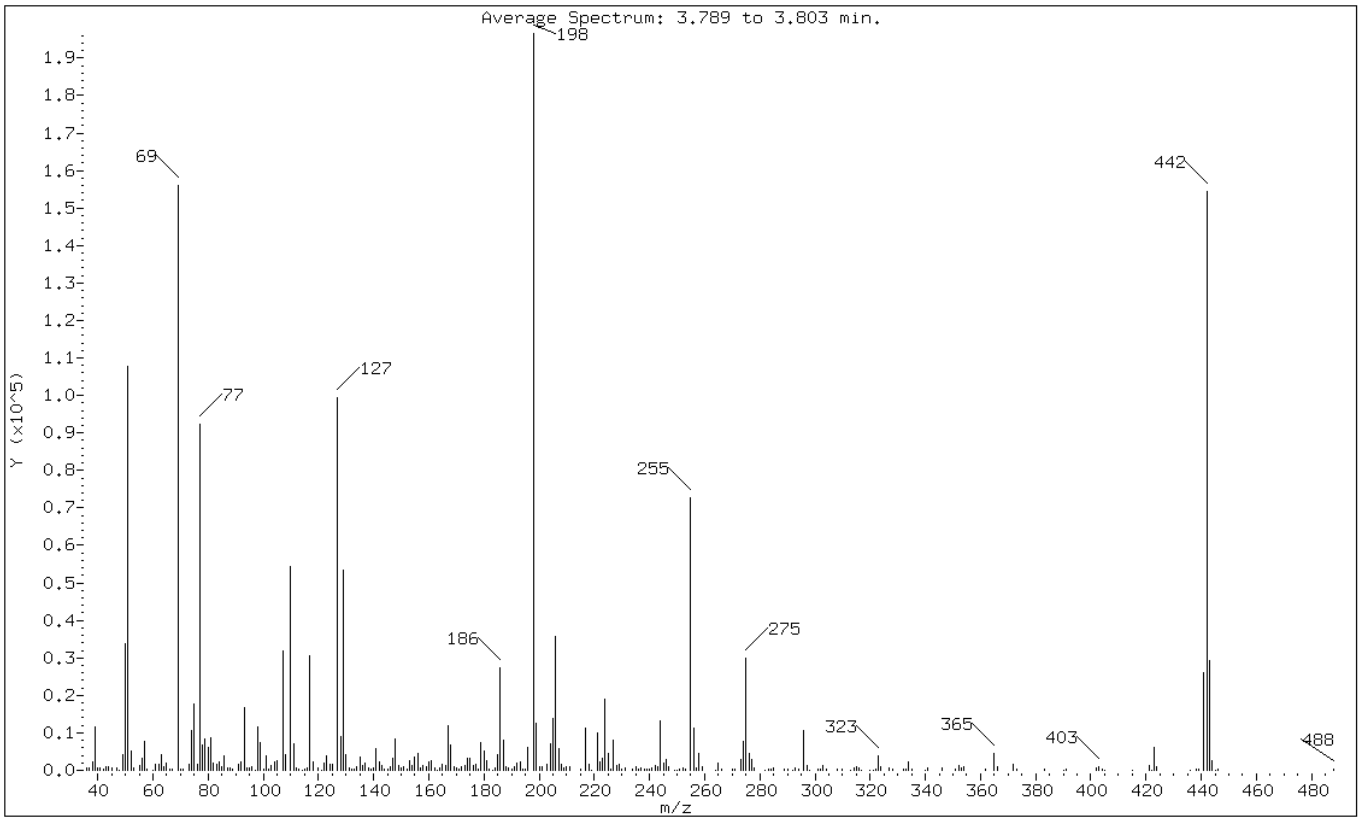
Data File: m48277.d

Date: 27-SEP-2010 10:34

Client ID: Instrument: BNAMS6.i

Sample Info: DFTPP-459998 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	54.82
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	79.35
70	Less than 2.00% of mass 69	0.19 (0.24)
127	40.00 - 60.00% of mass 198	50.60
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.42
275	10.00 - 30.00% of mass 198	15.24
365	Greater than 1.00% of mass 198	2.32
441	0.01 - 100.00% of mass 443	13.18 (88.94)
442	40.00 - 110.00% of mass 198	78.56
443	17.00 - 23.00% of mass 442	14.82 (18.86)

Data File: m48277.d

Date: 27-SEP-2010 10:34

Client ID: Instrument: BNAMS6.i

Sample Info: DFTPP-459998 Operator: BNA2

Data File: /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48277.d
Spectrum: Average Spectrum: 3.789 to 3.803 min.
Location of Maximum: 198.00
Number of points: 282

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	600	115.00	344	188.00	947	278.00	667
37.00	721	116.00	598	189.00	764	282.00	111
38.00	2229	117.00	30648	190.00	241	283.00	408
39.00	11711	118.00	2098	191.00	829	284.00	371
40.00	542	120.00	513	192.00	2060	285.00	754
41.00	677	121.00	108	193.00	2265	289.00	425
42.00	327	122.00	1972	194.00	464	290.00	297
43.00	995	123.00	3857	195.00	163	292.00	111
44.00	831	124.00	1687	196.00	6009	293.00	775
45.00	607	125.00	1650	198.00	196544	294.00	223
47.00	782	127.00	99472	199.00	12623	296.00	10774
48.00	137	128.00	8941	200.00	822	297.00	1423
49.00	4191	129.00	53512	201.00	1001	298.00	119
50.00	33688	130.00	4035	203.00	1718	301.00	345
51.00	107760	131.00	602	204.00	6921	302.00	176
52.00	5080	132.00	460	205.00	13795	303.00	1314
53.00	733	133.00	422	206.00	35568	304.00	216
55.00	1193	134.00	1086	207.00	5936	308.00	280
56.00	3270	135.00	3421	208.00	1502	310.00	165
57.00	7859	136.00	1443	209.00	701	313.00	128
58.00	253	137.00	1947	210.00	1006	314.00	528
60.00	113	138.00	664	211.00	1099	315.00	960
61.00	1497	139.00	305	215.00	437	316.00	534
62.00	1498	140.00	620	217.00	11285	317.00	105
63.00	4267	141.00	5853	218.00	1485	320.00	107
64.00	863	142.00	2315	219.00	144	321.00	140
65.00	1785	143.00	1191	221.00	10110	322.00	321
66.00	256	144.00	280	222.00	2199	323.00	3751
67.00	345	145.00	204	223.00	3108	324.00	1002
69.00	155968	146.00	985	224.00	19032	327.00	683
70.00	380	147.00	3205	225.00	4519	328.00	197
71.00	204	148.00	8374	226.00	435	332.00	381
73.00	1575	149.00	1379	227.00	8032	333.00	363
74.00	10716	150.00	614	228.00	1295	334.00	2368
75.00	17832	151.00	1039	229.00	1554	335.00	448
76.00	1541	152.00	304	230.00	227	340.00	103
77.00	92272	153.00	2498	231.00	591	341.00	498
78.00	6815	154.00	1327	234.00	409	346.00	716
79.00	8261	155.00	3577	235.00	809	351.00	302
80.00	6020	156.00	4393	236.00	161	352.00	1227

81.00	8633	157.00	639	237.00	540	353.00	527
82.00	2034	158.00	1143	238.00	183	354.00	1001
83.00	1690	159.00	1010	239.00	287	362.00	202
84.00	2142	160.00	2306	240.00	439	365.00	4559
85.00	1065	161.00	2450	241.00	575	366.00	845
86.00	3866	162.00	583	242.00	1360	372.00	1551
87.00	634	163.00	104	243.00	911	373.00	398
88.00	559	164.00	669	244.00	13312	383.00	354
89.00	249	165.00	1763	245.00	2034	390.00	149
91.00	1562	166.00	1166	246.00	2835	391.00	173
92.00	2321	167.00	12029	247.00	821	402.00	660
93.00	16640	168.00	6660	249.00	145	403.00	901
94.00	763	169.00	1103	250.00	149	404.00	284
95.00	553	170.00	755	251.00	213	405.00	125
96.00	868	171.00	226	252.00	539	415.00	150
97.00	142	172.00	909	253.00	469	421.00	1212
98.00	11609	173.00	1181	255.00	72584	422.00	124
99.00	7449	174.00	3063	256.00	11407	423.00	6212
100.00	425	175.00	3077	257.00	788	424.00	808
101.00	3913	176.00	1382	258.00	4597	436.00	130
102.00	256	177.00	1508	259.00	870	438.00	388
103.00	1309	178.00	399	264.00	127	439.00	250
104.00	2370	179.00	7545	265.00	2081	441.00	25904
105.00	2611	180.00	5020	266.00	378	442.00	154432
107.00	31904	181.00	2701	270.00	308	443.00	29128
108.00	4112	182.00	283	271.00	166	444.00	2498
110.00	54464	183.00	104	273.00	2800	445.00	125
111.00	7010	184.00	530	274.00	7638	446.00	299
112.00	589	185.00	4282	275.00	29960	488.00	194
113.00	366	186.00	27296	276.00	4382		
114.00	146	187.00	7991	277.00	2737		

Data File: /chem/BNAMS6.i/625/09-28-10/28sep10.b/m48332.d
Report Date: 28-Sep-2010 13:16

TestAmerica

Data file : /chem/BNAMS6.i/625/09-28-10/28sep10.b/m48332.d
Lab Smp Id: DFTPP-459998
Inj Date : 28-SEP-2010 12:45
Operator : BNA2 Inst ID: BNAMS6.i
Smp Info : DFTPP-459998
Misc Info : 25ng/uL DFTPP STD 4472
Comment :
Method : /chem/BNAMS6.i/625/09-28-10/28sep10.b/BNADFTPP.m
Meth Date : 06-Sep-2010 18:23 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

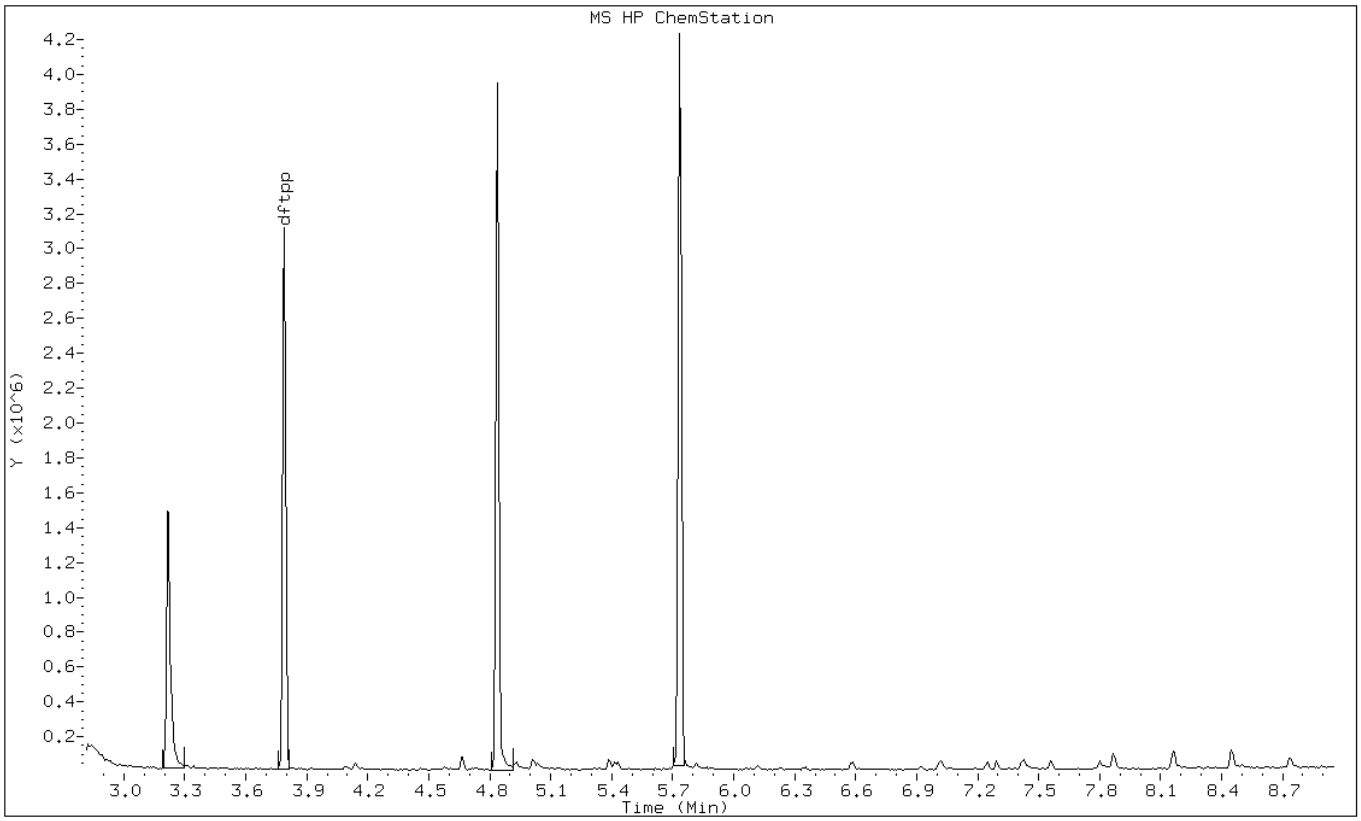
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
3.792	4.150	-0.358	198	251098			0.00- 100.00	100.00
3.792	4.150	-0.358	51	125058			30.00- 60.00	49.80
3.792	4.150	-0.358	68	0			0.00- 2.00	0.00
3.792	4.150	-0.358	69	185400			0.00- 0.00	73.84
3.792	4.150	-0.358	70	390			0.00- 2.00	0.21
3.792	4.150	-0.358	127	114448			40.00- 60.00	45.58
3.792	4.150	-0.358	197	0			0.00- 1.00	0.00
3.792	4.150	-0.358	199	17281			5.00- 9.00	6.88
3.792	4.150	-0.358	275	40120			10.00- 30.00	15.98
3.792	4.150	-0.358	365	7431			1.00- 0.00	2.96
3.792	4.150	-0.358	441	37200			0.01- 100.00	86.28
3.792	4.150	-0.358	442	226069			40.00- 110.00	90.03
3.792	4.150	-0.358	443	43117			17.00- 23.00	19.07

Data File: m48332.d

Date: 28-SEP-2010 12:45

Client ID: Instrument: BNAMS6.i

Sample Info: DFTPP-459998 Operator: BNA2



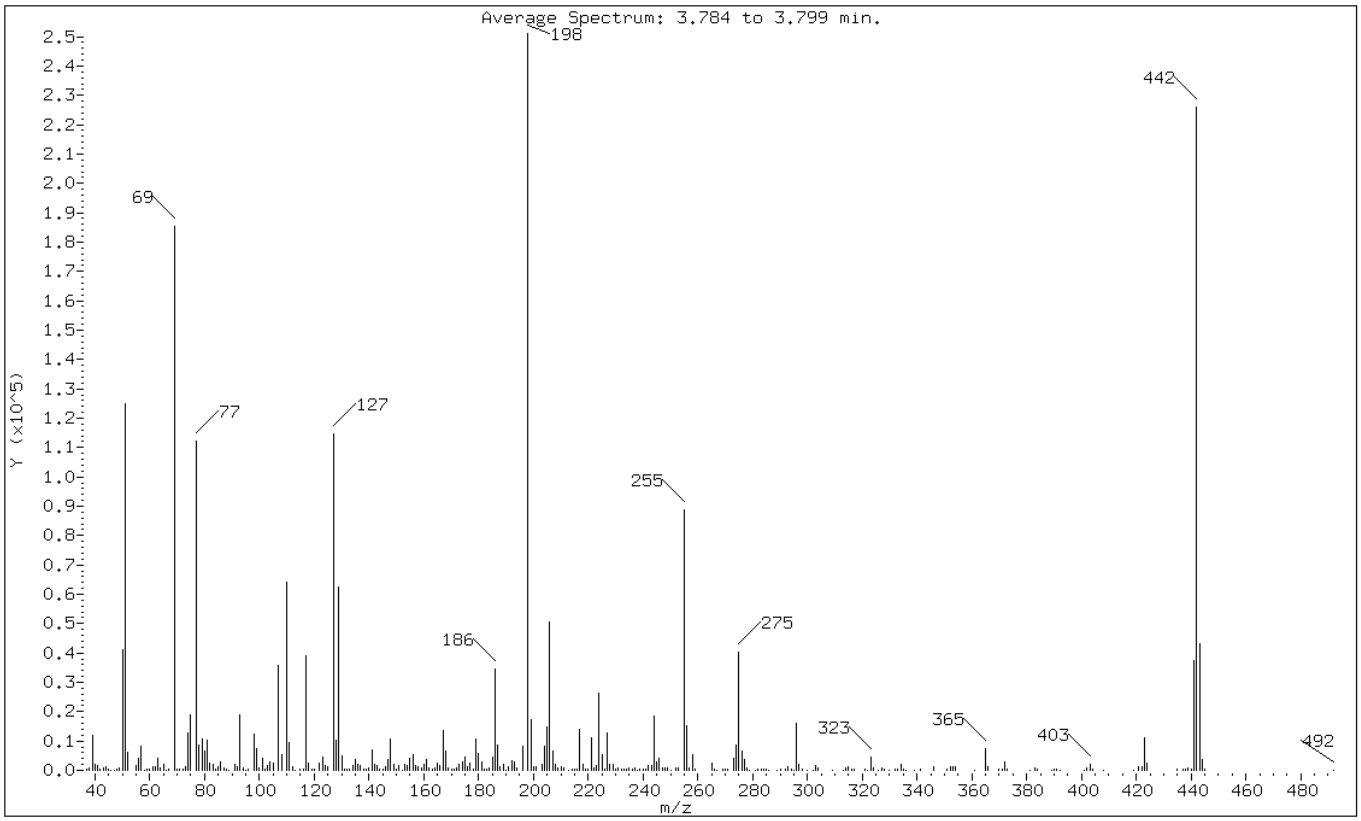
Data File: m48332.d

Date: 28-SEP-2010 12:45

Client ID: Instrument: BNAMS6.i

Sample Info: DFTPP-459998 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	49.80
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	73.84
70	Less than 2.00% of mass 69	0.16 (0.21)
127	40.00 - 60.00% of mass 198	45.58
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.88
275	10.00 - 30.00% of mass 198	15.98
365	Greater than 1.00% of mass 198	2.96
441	0.01 - 100.00% of mass 443	14.81 (86.28)
442	40.00 - 110.00% of mass 198	90.03
443	17.00 - 23.00% of mass 442	17.17 (19.07)

Data File: m48332.d

Date: 28-SEP-2010 12:45

Client ID: Instrument: BNAMS6.i

Sample Info: DFTPP-459998 Operator: BNA2

Data File: /chem/BNAMS6.i/625/09-28-10/28sep10.b/m48332.d
Spectrum: Average Spectrum: 3.784 to 3.799 min.
Location of Maximum: 198.00
Number of points: 299

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	614	122.00	2324	200.00	1179	289.00	169
38.00	1002	123.00	4373	201.00	1217	290.00	433
39.00	12088	124.00	1813	203.00	2131	292.00	322
40.00	1998	125.00	1436	204.00	8297	293.00	1182
41.00	1449	127.00	114448	205.00	14755	294.00	449
42.00	261	128.00	10072	206.00	50368	295.00	100
43.00	796	129.00	62376	207.00	6729	296.00	15950
44.00	1154	130.00	5123	208.00	2046	297.00	2038
45.00	325	131.00	602	209.00	658	298.00	226
46.00	112	132.00	240	210.00	1232	300.00	161
47.00	119	133.00	476	211.00	968	302.00	105
48.00	311	134.00	1647	213.00	124	303.00	1595
49.00	957	135.00	3497	214.00	224	304.00	636
50.00	41048	136.00	1870	215.00	399	309.00	127
51.00	125056	137.00	1816	216.00	366	313.00	104
52.00	6040	138.00	284	217.00	13807	314.00	746
55.00	1833	139.00	241	218.00	2119	315.00	1348
56.00	4078	140.00	868	219.00	224	316.00	594
57.00	8379	141.00	6896	220.00	361	317.00	239
58.00	161	142.00	2170	221.00	11178	321.00	500
59.00	363	143.00	1847	222.00	885	322.00	137
60.00	602	144.00	525	223.00	1640	323.00	4352
61.00	1311	145.00	355	224.00	26392	324.00	833
62.00	1401	146.00	1093	225.00	5394	326.00	101
63.00	4044	147.00	3594	226.00	579	327.00	1019
64.00	681	148.00	10625	227.00	12772	328.00	374
65.00	2211	149.00	1963	228.00	1879	330.00	167
66.00	123	150.00	345	229.00	2220	332.00	294
67.00	233	151.00	1539	230.00	332	333.00	579
69.00	185344	152.00	129	231.00	673	334.00	1973
70.00	390	153.00	2078	232.00	240	335.00	543
71.00	272	154.00	1518	233.00	406	336.00	101
72.00	223	155.00	4105	234.00	541	339.00	126
73.00	1086	156.00	5346	235.00	779	341.00	332
74.00	12703	157.00	1537	236.00	601	346.00	1065
75.00	18976	158.00	1272	237.00	658	351.00	278
77.00	112264	159.00	893	238.00	190	352.00	1354
78.00	8448	160.00	1901	239.00	498	353.00	1091
79.00	10483	161.00	3649	240.00	343	354.00	1395
80.00	6442	162.00	671	241.00	557	361.00	102

81.00	10453	163.00	211	242.00	1463	365.00	7431
82.00	2512	164.00	669	243.00	1540	366.00	1202
83.00	1997	165.00	2464	244.00	18312	370.00	271
84.00	223	166.00	1520	245.00	2730	371.00	463
85.00	1200	167.00	13574	246.00	4082	372.00	2704
86.00	2801	168.00	6468	247.00	725	373.00	407
87.00	721	169.00	887	248.00	690	381.00	101
88.00	570	170.00	527	249.00	825	383.00	650
89.00	172	171.00	563	250.00	106	384.00	384
91.00	1889	172.00	858	252.00	827	389.00	134
92.00	1384	173.00	2002	253.00	647	390.00	396
93.00	18928	174.00	2854	255.00	88664	391.00	228
94.00	859	175.00	4355	256.00	15225	392.00	163
95.00	195	176.00	1342	257.00	752	401.00	119
96.00	590	177.00	2502	258.00	5294	402.00	916
98.00	12245	178.00	403	259.00	399	403.00	1885
99.00	7329	179.00	10840	265.00	2310	404.00	612
100.00	902	180.00	5902	266.00	269	408.00	107
101.00	4070	181.00	2887	267.00	130	419.00	169
102.00	328	182.00	318	269.00	241	421.00	1279
103.00	1710	183.00	360	270.00	275	422.00	1347
104.00	2879	184.00	824	271.00	604	423.00	11216
105.00	2663	185.00	4463	273.00	4049	424.00	2354
107.00	35632	186.00	34480	274.00	8515	435.00	259
108.00	5186	187.00	8604	275.00	40120	437.00	341
110.00	64048	188.00	1224	276.00	6578	438.00	442
111.00	9277	189.00	2044	277.00	3688	439.00	697
112.00	1179	190.00	155	278.00	772	440.00	296
113.00	147	191.00	1388	279.00	178	441.00	37200
115.00	213	192.00	3215	281.00	113	442.00	226048
116.00	312	193.00	2875	282.00	219	443.00	43112
117.00	39008	194.00	821	283.00	572	444.00	3751
118.00	2592	196.00	8216	284.00	284	445.00	295
119.00	566	198.00	251072	285.00	521	492.00	101
120.00	291	199.00	17280	286.00	103		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-50059/1-A

Matrix: Water | Lab File ID: m48308.d

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 1000(mL) | Date Analyzed: 09/27/2010 23:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.89
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
106-44-5	4-Methylphenol	10	U	10	1.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
87-86-5	Pentachlorophenol	30	U	30	5.1
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
541-73-1	1,3-Dichlorobenzene	10	U	10	3.8
106-46-7	1,4-Dichlorobenzene	10	U	10	3.6
95-50-1	1,2-Dichlorobenzene	10	U	10	3.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.52
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-50059/1-A

Matrix: Water | Lab File ID: m48308.d

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 1000(mL) | Date Analyzed: 09/27/2010 23:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2
105-60-2	Caprolactam	10	U	10	0.50
98-86-2	Acetophenone	10	U	10	4.3
1912-24-9	Atrazine	10	U	10	2.5
100-52-7	Benzaldehyde	10	U	10	1.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-50059/1-A

Matrix: Water | Lab File ID: m48308.d

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 1000(mL) | Date Analyzed: 09/27/2010 23:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	2.4
92-52-4	Diphenyl	10	U	10	5.4
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	2.1

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	25	10-65	
4165-62-2	Phenol-d5	18	10-48	
4165-60-0	Nitrobenzene-d5	84	56-112	
321-60-8	2-Fluorobiphenyl	69	53-108	
118-79-6	2,4,6-Tribromophenol	74	46-122	
1718-51-0	Terphenyl-d14	110	50-122	

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

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-50059/1-A

Matrix: Water | Lab File ID: m48308.d

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 1000(mL) | Date Analyzed: 09/27/2010 23:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | 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/BNAMS6.i/625/09-27-10/27sep10.b/m48308.d
Report Date: 28-Sep-2010 15:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48308.d
Lab Smp Id: MB 460-50059/1-A
Inj Date : 27-SEP-2010 23:13
Operator : BNAMS 1 Inst ID: BNAMS6.i
Smp Info : MB 460-50059/1-A
Misc Info :
Comment :
Method : /chem/BNAMS6.i/625/09-27-10/27sep10.b/625BNA_08.m
Meth Date : 27-Sep-2010 13:45 czhao Quant Type: ISTD
Cal Date : 27-SEP-2010 13:23 Cal File: m48282.d
Als bottle: 31 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	1.889	1.880	(0.619)	60780	12.5230	25.0
$ 17 Phenol-d5 (SUR)	99	2.784	2.779	(0.912)	58890	8.84415	17.7
* 79 1,4-Dichlorobenzene-d4	152	3.052	3.048	(1.000)	190264	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.654	3.652	(0.833)	311463	42.0065	84.0
* 80 Naphthalene-d8	136	4.385	4.383	(1.000)	688617	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.509	5.510	(0.897)	606048	34.2926	68.6
* 82 Acenaphthene-d10	164	6.141	6.144	(1.000)	514897	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.921	6.922	(1.127)	128663	37.1158	74.2
* 83 Phenanthrene-d10	188	7.583	7.577	(1.000)	803091	40.0000	
$ 78 Terphenyl-d14	244	9.162	9.154	(0.904)	510845	55.1731	110
* 81 Chrysene-d12	240	10.137	10.131	(1.000)	460008	40.0000	
* 84 Perylene-d12	264	11.651	11.649	(1.000)	332541	40.0000	

Data File: /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48308.d
Report Date: 28-Sep-2010 15:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/625/09-27-10/27sep10.b/m48308.d
Lab Smp Id: MB 460-50059/1-A
Inj Date : 27-SEP-2010 23:13
Operator : BNAMS 1 Inst ID: BNAMS6.i
Smp Info : MB 460-50059/1-A
Misc Info :
Comment :
Method : /chem/BNAMS6.i/625/09-27-10/27sep10.b/625BNA_08.m
Meth Date : 27-Sep-2010 13:45 czhao Quant Type: ISTD
Cal Date : 27-SEP-2010 13:23 Cal File: m48282.d
Als bottle: 31 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: m48308.d

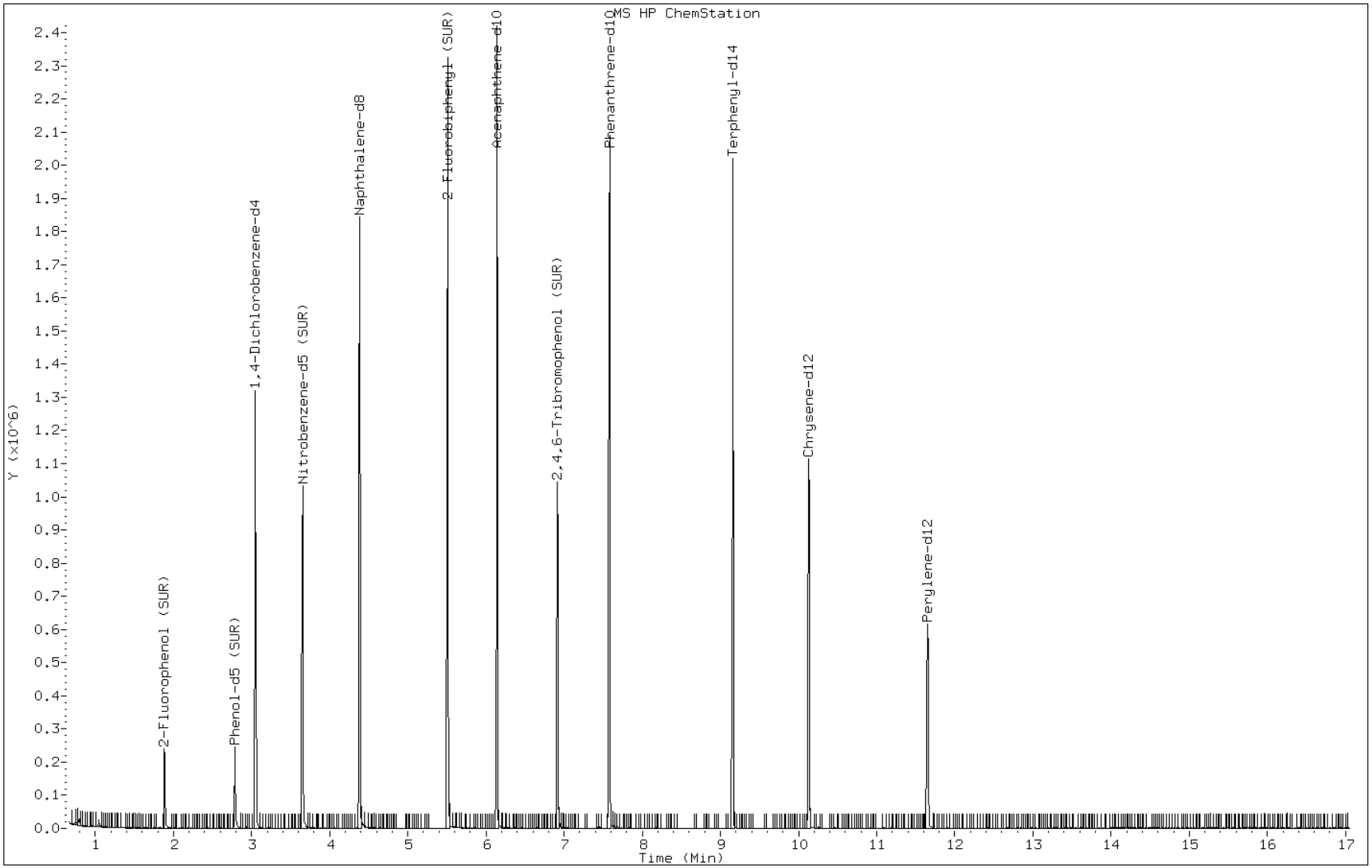
Date: 27-SEP-2010 23:13

Client ID:

Instrument: BNAMS6.i

Sample Info: MB 460-50059/1-A

Operator: BNAMS 1



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-50059/2-A

Matrix: Water | Lab File ID: m48339.d

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 1000(mL) | Date Analyzed: 09/28/2010 15:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50414 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	22.6		10	0.89
95-57-8	2-Chlorophenol	69.5		10	2.6
95-48-7	2-Methylphenol	59.3		10	1.7
106-44-5	4-Methylphenol	50.2		10	1.6
88-75-5	2-Nitrophenol	72.4		10	3.4
105-67-9	2,4-Dimethylphenol	73.0		10	2.5
120-83-2	2,4-Dichlorophenol	74.1		10	2.8
59-50-7	4-Chloro-3-methylphenol	76.5		10	2.0
88-06-2	2,4,6-Trichlorophenol	86.9		10	3.2
95-95-4	2,4,5-Trichlorophenol	86.5		10	2.5
51-28-5	2,4-Dinitrophenol	20.2	J	30	4.8
100-02-7	4-Nitrophenol	11.6	J	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	53.5		30	5.2
87-86-5	Pentachlorophenol	72.1		30	5.1
111-44-4	Bis(2-chloroethyl)ether	66.4		1.0	0.41
541-73-1	1,3-Dichlorobenzene	74.1		10	3.8
106-46-7	1,4-Dichlorobenzene	73.6		10	3.6
95-50-1	1,2-Dichlorobenzene	72.1		10	3.7
621-64-7	N-Nitrosodi-n-propylamine	81.6		1.0	0.32
67-72-1	Hexachloroethane	77.3		1.0	0.50
98-95-3	Nitrobenzene	90.3		1.0	0.41
78-59-1	Isophorone	77.0		10	3.6
111-91-1	Bis(2-chloroethoxy)methane	89.8		10	3.5
120-82-1	1,2,4-Trichlorobenzene	78.8		1.0	0.52
91-20-3	Naphthalene	77.2		10	3.7
106-47-8	4-Chloroaniline	76.5		10	2.1
87-68-3	Hexachlorobutadiene	82.7		2.0	0.94
91-57-6	2-Methylnaphthalene	69.6		10	3.1
77-47-4	Hexachlorocyclopentadiene	70.6		10	4.6
91-58-7	2-Chloronaphthalene	90.1		10	3.8
88-74-4	2-Nitroaniline	88.7		20	5.7
131-11-3	Dimethyl phthalate	89.9		10	3.3
208-96-8	Acenaphthylene	91.6		10	4.0
606-20-2	2,6-Dinitrotoluene	98.2		2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-50059/2-A

Matrix: Water | Lab File ID: m48339.d

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 1000(mL) | Date Analyzed: 09/28/2010 15:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50414 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	81.9		20	4.3
83-32-9	Acenaphthene	93.0		10	3.8
132-64-9	Dibenzofuran	88.2		10	3.6
121-14-2	2,4-Dinitrotoluene	94.2		2.0	0.43
84-66-2	Diethyl phthalate	77.4		10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	80.7		10	3.9
86-73-7	Fluorene	79.0		10	3.3
100-01-6	4-Nitroaniline	76.4		20	4.0
86-30-6	N-Nitrosodiphenylamine	95.5		10	3.9
101-55-3	4-Bromophenyl phenyl ether	89.4		10	3.9
118-74-1	Hexachlorobenzene	91.6		1.0	0.27
85-01-8	Phenanthrene	89.2		10	3.6
120-12-7	Anthracene	82.1		10	3.6
86-74-8	Carbazole	80.3		10	3.1
84-74-2	Di-n-butyl phthalate	85.4		10	2.8
206-44-0	Fluoranthene	84.2		10	2.6
129-00-0	Pyrene	94.6		10	4.3
85-68-7	Butyl benzyl phthalate	85.4		10	2.8
91-94-1	3,3'-Dichlorobenzidine	102		20	7.0
56-55-3	Benzo[a]anthracene	85.3		1.0	0.27
218-01-9	Chrysene	83.3		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	84.7		10	2.4
117-84-0	Di-n-octyl phthalate	84.3		10	1.9
205-99-2	Benzo[b]fluoranthene	80.1		1.0	0.21
207-08-9	Benzo[k]fluoranthene	86.2		1.0	0.30
50-32-8	Benzo[a]pyrene	81.9		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	87.3		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	87.1		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	81.8		10	2.7
108-60-1	bis (2-chloroisopropyl) ether	88.9		10	3.2
105-60-2	Caprolactam	4.00	J	10	0.50
98-86-2	Acetophenone	81.0		10	4.3
1912-24-9	Atrazine	68.0		10	2.5
100-52-7	Benzaldehyde	231		10	1.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-50059/2-A

Matrix: Water | Lab File ID: m48339.d

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 1000(mL) | Date Analyzed: 09/28/2010 15:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50414 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	89.2		10	2.4
92-52-4	Diphenyl	95.0		10	5.4
58-90-2	2,3,4,6-Tetrachlorophenol	84.2		10	2.1

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	28	10-65	
4165-62-2	Phenol-d5	21	10-48	
4165-60-0	Nitrobenzene-d5	84	56-112	
321-60-8	2-Fluorobiphenyl	87	53-108	
118-79-6	2,4,6-Tribromophenol	85	46-122	
1718-51-0	Terphenyl-d14	99	50-122	

Data File: /chem/BNAMS6.i/625/09-28-10/28sep10.b/m48339.d
Report Date: 29-Sep-2010 11:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/625/09-28-10/28sep10.b/m48339.d
Lab Smp Id: LCS 460-50059/2-A
Inj Date : 28-SEP-2010 15:29
Operator : BNAMS 1 Inst ID: BNAMS6.i
Smp Info : LCS 460-50059/2-A
Misc Info :
Comment :
Method : /chem/BNAMS6.i/625/09-28-10/28sep10.b/625BNA_08.m
Meth Date : 28-Sep-2010 14:48 czhao Quant Type: ISTD
Cal Date : 28-SEP-2010 14:17 Cal File: m48336.d
Als bottle: 7 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	107 1,4-Dioxane	88	0.708	0.738	(0.233)	42479	16.4796	33.0
	19 N-Nitrosodimethylamine	74	0.880	0.954	(0.289)	80684	18.3124	36.6
	71 Pyridine	79	0.895	0.969	(0.294)	87517	12.9704	25.9
$	16 2-Fluorophenol (SUR)	112	1.880	1.917	(0.617)	99951	14.0447	28.1
	110 Benzaldehyde	77	2.605	2.616	(0.855)	254438	115.610	231
	73 Aniline	93	2.724	2.735	(0.894)	241110	28.8319	57.7
$	17 Phenol-d5 (SUR)	99	2.776	2.795	(0.911)	90968	10.4809	21.0
	1 Phenol	94	2.791	2.810	(0.916)	106275	11.3006	22.6
	20 bis(2-Chloroethyl)ether	93	2.806	2.817	(0.921)	275217	33.2013	66.4
	2 2-Chlorophenol	128	2.851	2.863	(0.936)	286270	34.7590	69.5
	114 n-Decane	43	2.926	2.930	(0.961)	260326	30.9470	61.9
	21 1,3-Dichlorobenzene	146	2.979	2.990	(0.978)	378990	37.0672	74.1
*	79 1,4-Dichlorobenzene-d4	152	3.046	3.049	(1.000)	278475	40.0000	
	22 1,4-Dichlorobenzene	146	3.062	3.064	(1.005)	391440	36.8135	73.6
	23 1,2-Dichlorobenzene	146	3.211	3.221	(1.054)	377772	36.0466	72.1

Data File: /chem/BNAMS6.i/625/09-28-10/28sep10.b/m48339.d
Report Date: 29-Sep-2010 11:37

			QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	74	Benzyl Alcohol	108	3.241	3.259	(1.064)	140898	31.2464	62.5
	24	bis (2-chloroisopropyl) ether	45	3.382	3.386	(1.110)	566635	44.4272	88.8
	3	2-Methylphenol	108	3.412	3.431	(1.120)	191395	29.6272	59.2
	122	n-Methylaniline	106	3.493	3.505	(1.146)	50180	4.82635	9.65
	104	Acetophenone	105	3.508	3.528	(1.151)	424305	40.4954	81.0
	25	N-Nitroso-di-n-propylamine	70	3.538	3.558	(1.161)	273059	40.8122	81.6
	4	4-Methylphenol	108	3.583	3.603	(1.176)	168519	25.0999	50.2
	26	Hexachloroethane	117	3.560	3.566	(1.169)	162080	38.6455	77.3
$	76	Nitrobenzene-d5 (SUR)	82	3.651	3.663	(0.834)	421863	42.2457	84.5
	27	Nitrobenzene	77	3.681	3.693	(0.841)	548412	45.1599	90.3
	106	N,N-Dimethylaniline	120	3.681	3.693	(1.208)	416929	37.2732	74.5
	28	Isophorone	82	3.943	3.953	(0.901)	642870	38.4945	77.0
	5	2-Nitrophenol	139	4.003	4.013	(0.914)	202409	36.1992	72.4
	6	2,4-Dimethylphenol	122	4.130	4.138	(0.943)	249844	36.5047	73.0
	29	bis(2-Chloroethoxy)methane	93	4.197	4.205	(0.959)	352705	44.8853	89.8
	7	2,4-Dichlorophenol	162	4.287	4.295	(0.979)	338108	37.0322	74.1
	30	1,2,4-Trichlorobenzene	180	4.340	4.340	(0.991)	378118	39.4205	78.8
*	80	Naphthalene-d8	136	4.378	4.378	(1.000)	890087	40.0000	
	31	Naphthalene	128	4.400	4.401	(1.005)	856193	38.6093	77.2
	32	4-Chloroaniline	127	4.497	4.506	(1.027)	377800	38.2309	76.5
	33	Hexachlorobutadiene	225	4.558	4.559	(1.041)	182697	41.3376	82.7
	111	Caprolactum	113	4.923	4.982	(1.125)	3986	1.99941	4.00
	8	4-Chloro-3-methylphenol	107	5.058	5.087	(1.155)	254435	38.2254	76.4
	34	2-Methylnaphthalene	142	5.110	5.109	(1.167)	636887	34.8202	69.6
	35	Hexachlorocyclopentadiene	237	5.281	5.283	(0.861)	150498	35.3131	70.6
	128	1,2,4,5-Tetrachlorobenzene	216	5.289	5.290	(0.862)	379368	44.5820	89.2
	9	2,4,6-Trichlorophenol	196	5.431	5.441	(0.885)	276174	43.4662	86.9
	10	2,4,5-Trichlorophenol	196	5.477	5.492	(0.893)	294976	43.2289	86.4
$	77	2-Fluorobiphenyl (SUR)	172	5.505	5.507	(0.897)	847993	43.6865	87.4
	102	Diphenyl	154	5.594	5.598	(0.912)	976215	47.5002	95.0
	36	2-Chloronaphthalene	162	5.594	5.598	(0.912)	800765	45.0739	90.1
	103	Diphenyl Ether	170	5.699	5.703	(0.929)	509945	46.7805	93.6
	37	2-Nitroaniline	65	5.729	5.741	(0.934)	260709	44.3445	88.7
	38	Dimethylphthalate	163	5.947	5.950	(0.969)	932516	44.9509	89.9
	40	2,6-Dinitrotoluene	165	5.991	5.993	(0.977)	260532	49.0898	98.2
	39	Acenaphthylene	152	5.991	5.993	(0.977)	1153703	45.8121	91.6
*	82	Acenaphthene-d10	164	6.134	6.136	(1.000)	604060	40.0000	
	41	3-Nitroaniline	138	6.149	6.159	(1.002)	214168	40.9624	81.9
	42	Acenaphthene	154	6.170	6.174	(1.006)	715467	46.4844	93.0
	11	2,4-Dinitrophenol	184	6.253	6.271	(1.019)	32731	10.1098	20.2(M)
	43	Dibenzofuran	168	6.334	6.344	(1.033)	1060022	44.1095	88.2
	44	2,4-Dinitrotoluene	165	6.380	6.397	(1.040)	297228	47.1214	94.2
	12	4-Nitrophenol	65	6.410	6.412	(1.045)	27353	5.81874	11.6
	129	2,3,4,6-Tetrachlorophenol	232	6.492	6.503	(1.058)	204924	42.1218	84.2
	126	2-Naphthylamine	143	6.492	6.525	(1.058)	6934	0.45091	0.902(a)
	45	Diethylphthalate	149	6.635	6.652	(1.082)	814090	38.7185	77.4
	47	Fluorene	166	6.672	6.675	(1.088)	766002	39.5217	79.0

Data File: /chem/BNAMS6.i/625/09-28-10/28sep10.b/m48339.d
Report Date: 29-Sep-2010 11:37

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	46	4-Chlorophenyl-phenylether	204	6.694	6.697	(1.091)	371017	40.3293	80.6
	48	4-Nitroaniline	138	6.754	6.773	(1.101)	177130	38.2221	76.4
	13	4,6-Dinitro-2-methylphenol	198	6.783	6.795	(0.896)	99027	26.7482	53.5
	49	N-Nitrosodiphenylamine	169	6.827	6.833	(0.902)	560171	47.7277	95.4
	75	1,2-Diphenylhydrazine	77	6.849	6.856	(0.904)	936786	44.1516	88.3
$	18	2,4,6-Tribromophenol (SUR)	330	6.917	6.922	(1.128)	189595	42.7164	85.4
	50	4-Bromophenyl-phenylether	248	7.162	7.169	(0.946)	189734	44.7219	89.4
	51	Hexachlorobenzene	284	7.206	7.214	(0.952)	265318	45.7984	91.6
	112	Atrazine	200	7.385	7.401	(0.975)	141930	33.9933	68.0
	14	Pentachlorophenol	266	7.422	7.431	(0.980)	122237	36.0542	72.1
	115	n-Octadecane	57	7.573	7.574	(1.000)	495126	50.4842	101
*	83	Phenanthrene-d10	188	7.573	7.574	(1.000)	963404	40.0000	
	52	Phenanthrene	178	7.595	7.596	(1.003)	1137405	44.6212	89.2
	53	Anthracene	178	7.641	7.648	(1.009)	984835	41.0405	82.1
	54	Carbazole	167	7.828	7.832	(1.034)	885565	40.1629	80.3
	55	Di-n-butylphthalate	149	8.222	8.221	(1.086)	1335409	42.6789	85.4
	56	Fluoranthene	202	8.738	8.741	(1.154)	957661	42.0802	84.2
	58	Benzidine	184	8.903	8.905	(1.176)	48689	14.9593	29.9
	57	Pyrene	202	8.948	8.950	(0.884)	954256	47.2751	94.6
$	78	Terphenyl-d14	244	9.143	9.144	(0.903)	537896	49.4944	99.0
	59	Butylbenzylphthalate	149	9.649	9.658	(0.953)	467531	42.7007	85.4
	60	3,3'-Dichlorobenzidine	252	10.125	10.128	(1.000)	230029	50.7658	102
	61	Benzo(a)anthracene	228	10.111	10.114	(0.999)	625267	42.6699	85.3
*	81	Chrysene-d12	240	10.125	10.128	(1.000)	540878	40.0000	
	62	Chrysene	228	10.147	10.150	(1.002)	494547	41.6402	83.3
	63	bis(2-Ethylhexyl)phthalate	149	10.237	10.241	(1.011)	621376	42.3593	84.7
	64	Di-n-octylphthalate	149	10.905	10.910	(0.938)	888056	42.1684	84.3
	65	Benzo(b)fluoranthene	252	11.212	11.222	(0.964)	445464	40.0515	80.1
	66	Benzo(k)fluoranthene	252	11.249	11.252	(0.967)	453502	43.1123	86.2
	67	Benzo(a)pyrene	252	11.562	11.572	(0.994)	326317	40.9355	81.9
*	84	Perylene-d12	264	11.630	11.633	(1.000)	342075	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	12.869	12.875	(1.107)	356825	43.6360	87.3
	69	Dibenz(a,h)anthracene	278	12.906	12.920	(1.110)	314086	43.5358	87.1
	70	Benzo(g,h,i)perylene	276	13.173	13.189	(1.133)	318884	40.9054	81.8

QC Flag Legend

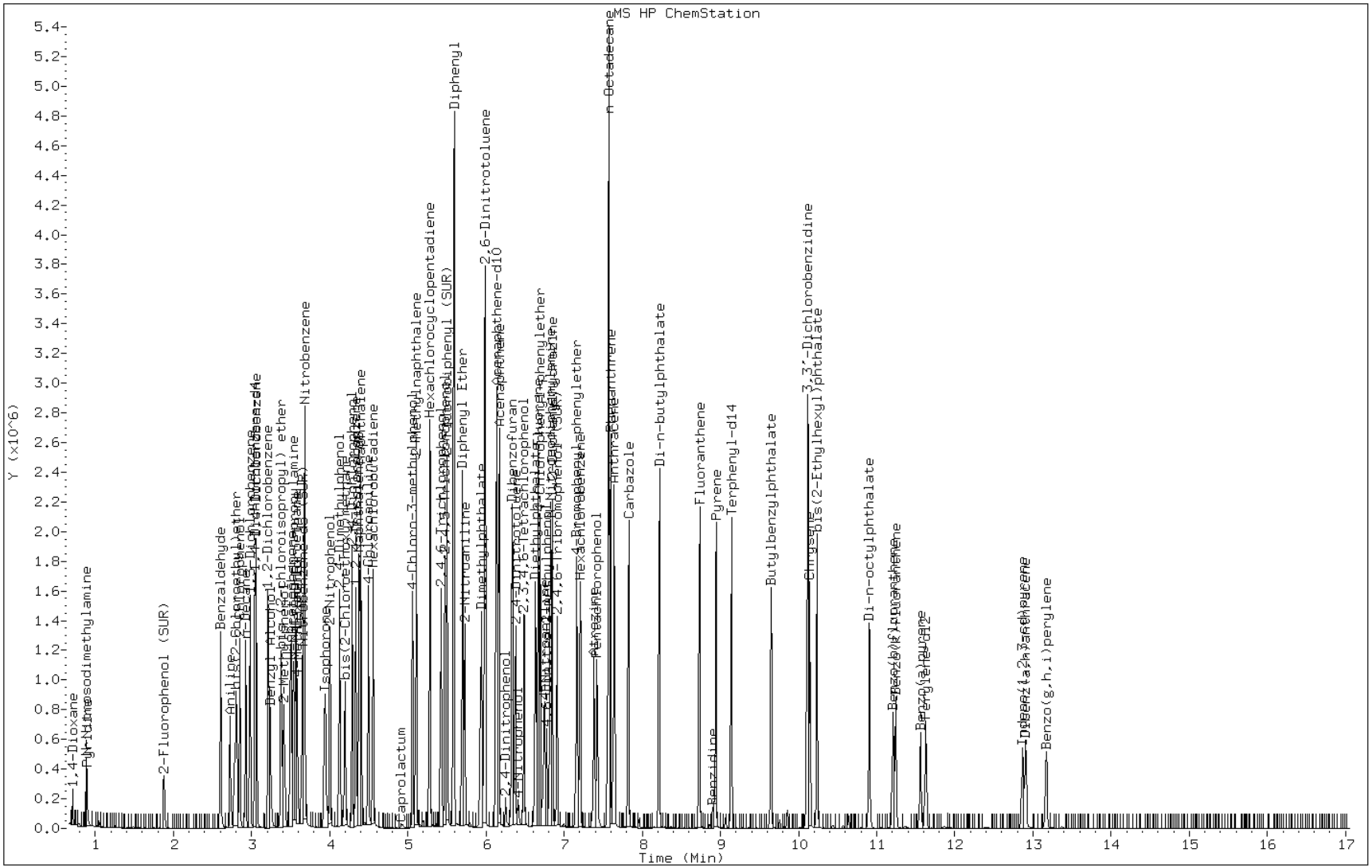
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: m48339.d

Date: 28-SEP-2010 15:29

Client ID: Instrument: BNAMS6.i

Sample Info: LCS 460-50059/2-A Operator: BNAMS 1



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-17860-G-5-A MS

Matrix: Water | Lab File ID: m48310.d

Analysis Method: 625 | Date Collected: 09/21/2010 09:52

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 980(mL) | Date Analyzed: 09/27/2010 23:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	28.0		10	0.91
95-57-8	2-Chlorophenol	63.6		10	2.7
95-48-7	2-Methylphenol	66.1		10	1.7
106-44-5	4-Methylphenol	60.8		10	1.6
88-75-5	2-Nitrophenol	81.9		10	3.5
105-67-9	2,4-Dimethylphenol	81.3		10	2.6
120-83-2	2,4-Dichlorophenol	78.5		10	2.8
59-50-7	4-Chloro-3-methylphenol	77.4		10	2.0
88-06-2	2,4,6-Trichlorophenol	79.7		10	3.2
95-95-4	2,4,5-Trichlorophenol	81.6		10	2.6
51-28-5	2,4-Dinitrophenol	76.9		31	4.9
100-02-7	4-Nitrophenol	16.0	J	31	2.4
534-52-1	4,6-Dinitro-2-methylphenol	88.0		31	5.3
87-86-5	Pentachlorophenol	101		31	5.2
111-44-4	Bis(2-chloroethyl)ether	64.2		1.0	0.42
541-73-1	1,3-Dichlorobenzene	72.1		10	3.8
106-46-7	1,4-Dichlorobenzene	72.6		10	3.7
95-50-1	1,2-Dichlorobenzene	75.0		10	3.8
621-64-7	N-Nitrosodi-n-propylamine	90.2		1.0	0.33
67-72-1	Hexachloroethane	68.0		1.0	0.51
98-95-3	Nitrobenzene	78.0		1.0	0.42
78-59-1	Isophorone	82.0		10	3.7
111-91-1	Bis(2-chloroethoxy)methane	90.4		10	3.5
120-82-1	1,2,4-Trichlorobenzene	82.6		1.0	0.53
91-20-3	Naphthalene	80.8		10	3.7
106-47-8	4-Chloroaniline	60.8		10	2.1
87-68-3	Hexachlorobutadiene	78.8		2.0	0.96
91-57-6	2-Methylnaphthalene	72.3		10	3.2
77-47-4	Hexachlorocyclopentadiene	60.2		10	4.7
91-58-7	2-Chloronaphthalene	84.9		10	3.8
88-74-4	2-Nitroaniline	83.3		20	5.8
131-11-3	Dimethyl phthalate	83.4		10	3.3
208-96-8	Acenaphthylene	79.2		10	4.1
606-20-2	2,6-Dinitrotoluene	79.0		2.0	0.60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-17860-G-5-A MS

Matrix: Water | Lab File ID: m48310.d

Analysis Method: 625 | Date Collected: 09/21/2010 09:52

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 980(mL) | Date Analyzed: 09/27/2010 23:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	68.0		20	4.4
83-32-9	Acenaphthene	81.8		10	3.8
132-64-9	Dibenzofuran	81.7		10	3.7
121-14-2	2,4-Dinitrotoluene	82.8		2.0	0.44
84-66-2	Diethyl phthalate	80.5		10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	85.6		10	4.0
86-73-7	Fluorene	74.8		10	3.3
100-01-6	4-Nitroaniline	66.0		20	4.1
86-30-6	N-Nitrosodiphenylamine	92.8		10	3.9
101-55-3	4-Bromophenyl phenyl ether	91.6		10	4.0
118-74-1	Hexachlorobenzene	94.2		1.0	0.28
85-01-8	Phenanthrene	88.2		10	3.6
120-12-7	Anthracene	88.7		10	3.6
86-74-8	Carbazole	80.4		10	3.1
84-74-2	Di-n-butyl phthalate	87.8		10	2.8
206-44-0	Fluoranthene	80.5		10	2.7
129-00-0	Pyrene	96.3		10	4.4
85-68-7	Butyl benzyl phthalate	99.1		10	2.8
91-94-1	3,3'-Dichlorobenzidine	21.0		20	7.1
56-55-3	Benzo[a]anthracene	92.3		1.0	0.28
218-01-9	Chrysene	96.4		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	105		10	2.4
117-84-0	Di-n-octyl phthalate	90.3		10	1.9
205-99-2	Benzo[b]fluoranthene	94.5		1.0	0.21
207-08-9	Benzo[k]fluoranthene	95.2		1.0	0.31
50-32-8	Benzo[a]pyrene	89.3		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	99.8		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	103		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	108		10	2.8
108-60-1	bis (2-chloroisopropyl) ether	86.7		10	3.3
105-60-2	Caprolactam	16.1		10	0.51
98-86-2	Acetophenone	82.1		10	4.4
1912-24-9	Atrazine	59.1		10	2.6
100-52-7	Benzaldehyde	164		10	1.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-17860-G-5-A MS

Matrix: Water | Lab File ID: m48310.d

Analysis Method: 625 | Date Collected: 09/21/2010 09:52

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 980(mL) | Date Analyzed: 09/27/2010 23:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	82.0		10	2.4
92-52-4	Diphenyl	84.5		10	5.5
58-90-2	2,3,4,6-Tetrachlorophenol	80.4		10	2.1

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	30	10-65	
4165-62-2	Phenol-d5	24	10-48	
4165-60-0	Nitrobenzene-d5	84	56-112	
321-60-8	2-Fluorobiphenyl	80	53-108	
118-79-6	2,4,6-Tribromophenol	77	46-122	
1718-51-0	Terphenyl-d14	93	50-122	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-17860-G-5-B MSD

Matrix: Water | Lab File ID: m48311.d

Analysis Method: 625 | Date Collected: 09/21/2010 09:52

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 980(mL) | Date Analyzed: 09/28/2010 00:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	27.6		10	0.91
95-57-8	2-Chlorophenol	72.9		10	2.7
95-48-7	2-Methylphenol	71.9		10	1.7
106-44-5	4-Methylphenol	62.5		10	1.6
88-75-5	2-Nitrophenol	90.4		10	3.5
105-67-9	2,4-Dimethylphenol	92.1		10	2.6
120-83-2	2,4-Dichlorophenol	83.9		10	2.8
59-50-7	4-Chloro-3-methylphenol	82.2		10	2.0
88-06-2	2,4,6-Trichlorophenol	88.4		10	3.2
95-95-4	2,4,5-Trichlorophenol	85.6		10	2.6
51-28-5	2,4-Dinitrophenol	82.9		31	4.9
100-02-7	4-Nitrophenol	7.19	J	31	2.4
534-52-1	4,6-Dinitro-2-methylphenol	105		31	5.3
87-86-5	Pentachlorophenol	104		31	5.2
111-44-4	Bis(2-chloroethyl)ether	66.7		1.0	0.42
541-73-1	1,3-Dichlorobenzene	76.6		10	3.8
106-46-7	1,4-Dichlorobenzene	73.3		10	3.7
95-50-1	1,2-Dichlorobenzene	75.0		10	3.8
621-64-7	N-Nitrosodi-n-propylamine	95.6		1.0	0.33
67-72-1	Hexachloroethane	79.0		1.0	0.51
98-95-3	Nitrobenzene	88.3		1.0	0.42
78-59-1	Isophorone	88.4		10	3.7
111-91-1	Bis(2-chloroethoxy)methane	99.1		10	3.5
120-82-1	1,2,4-Trichlorobenzene	84.0		1.0	0.53
91-20-3	Naphthalene	76.9		10	3.7
106-47-8	4-Chloroaniline	67.6		10	2.1
87-68-3	Hexachlorobutadiene	83.4		2.0	0.96
91-57-6	2-Methylnaphthalene	80.8		10	3.2
77-47-4	Hexachlorocyclopentadiene	58.8		10	4.7
91-58-7	2-Chloronaphthalene	89.3		10	3.8
88-74-4	2-Nitroaniline	89.3		20	5.8
131-11-3	Dimethyl phthalate	86.8		10	3.3
208-96-8	Acenaphthylene	87.3		10	4.1
606-20-2	2,6-Dinitrotoluene	86.3		2.0	0.60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-17860-G-5-B MSD

Matrix: Water | Lab File ID: m48311.d

Analysis Method: 625 | Date Collected: 09/21/2010 09:52

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 980(mL) | Date Analyzed: 09/28/2010 00:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	70.3		20	4.4
83-32-9	Acenaphthene	89.8		10	3.8
132-64-9	Dibenzofuran	86.9		10	3.7
121-14-2	2,4-Dinitrotoluene	90.8		2.0	0.44
84-66-2	Diethyl phthalate	89.9		10	3.9
7005-72-3	4-Chlorophenyl phenyl ether	89.4		10	4.0
86-73-7	Fluorene	95.0		10	3.3
100-01-6	4-Nitroaniline	68.9		20	4.1
86-30-6	N-Nitrosodiphenylamine	110		10	3.9
101-55-3	4-Bromophenyl phenyl ether	112		10	4.0
118-74-1	Hexachlorobenzene	106		1.0	0.28
85-01-8	Phenanthrene	103		10	3.6
120-12-7	Anthracene	107		10	3.6
86-74-8	Carbazole	90.8		10	3.1
84-74-2	Di-n-butyl phthalate	96.6		10	2.8
206-44-0	Fluoranthene	89.5		10	2.7
129-00-0	Pyrene	107		10	4.4
85-68-7	Butyl benzyl phthalate	114		10	2.8
91-94-1	3,3'-Dichlorobenzidine	24.7		20	7.1
56-55-3	Benzo[a]anthracene	96.0		1.0	0.28
218-01-9	Chrysene	113		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	119		10	2.4
117-84-0	Di-n-octyl phthalate	85.5		10	1.9
205-99-2	Benzo[b]fluoranthene	87.2		1.0	0.21
207-08-9	Benzo[k]fluoranthene	107		1.0	0.31
50-32-8	Benzo[a]pyrene	87.5		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	101		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	106		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	110		10	2.8
108-60-1	bis (2-chloroisopropyl) ether	88.1		10	3.3
105-60-2	Caprolactam	16.3		10	0.51
98-86-2	Acetophenone	90.1		10	4.4
1912-24-9	Atrazine	66.5		10	2.6
100-52-7	Benzaldehyde	195		10	1.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-17860-G-5-B MSD

Matrix: Water | Lab File ID: m48311.d

Analysis Method: 625 | Date Collected: 09/21/2010 09:52

Extract. Method: 625 | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 980(mL) | Date Analyzed: 09/28/2010 00:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 50402 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	82.5		10	2.4
92-52-4	Diphenyl	90.8		10	5.5
58-90-2	2,3,4,6-Tetrachlorophenol	89.6		10	2.1

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	32	10-65	
4165-62-2	Phenol-d5	24	10-48	
4165-60-0	Nitrobenzene-d5	93	56-112	
321-60-8	2-Fluorobiphenyl	82	53-108	
118-79-6	2,4,6-Tribromophenol	86	46-122	
1718-51-0	Terphenyl-d14	105	50-122	

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: BNAMS6 Start Date: 09/27/2010 10:34

Analysis Batch Number: 50402 End Date: 09/28/2010 07:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-50402/1		09/27/2010 10:34	1	m48277.d	Rtx-5MS 0.25(mm)
ICIS 460-50402/2		09/27/2010 11:56	1	m48278.d	Rtx-5MS 0.25(mm)
IC 460-50402/3		09/27/2010 12:18	1	m48279.d	Rtx-5MS 0.25(mm)
IC 460-50402/4		09/27/2010 12:39	1	m48280.d	Rtx-5MS 0.25(mm)
IC 460-50402/5		09/27/2010 13:01	1	m48281.d	Rtx-5MS 0.25(mm)
IC 460-50402/6		09/27/2010 13:23	1	m48282.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 14:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 14:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 15:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 15:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 16:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 16:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 16:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 17:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 17:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 18:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 18:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 18:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 19:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 19:39	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 20:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 20:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 20:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 21:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 21:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/27/2010 22:09	1		Rtx-5MS 0.25(mm)
MB 460-50059/1-A		09/27/2010 23:13	1	m48308.d	Rtx-5MS 0.25(mm)
460-17860-G-5-A MS		09/27/2010 23:56	1	m48310.d	Rtx-5MS 0.25(mm)
460-17860-G-5-B MSD		09/28/2010 00:17	1	m48311.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 00:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 01:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 01:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 02:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 03:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 03:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 03:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 04:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 04:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 05:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 05:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 05:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 06:20	1		Rtx-5MS 0.25(mm)
460-17876-1	MW-18	09/28/2010 06:42	1	m48329.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 07:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 07:25	1		Rtx-5MS 0.25(mm)

625

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: BNAMS6 Start Date: 09/28/2010 12:45

Analysis Batch Number: 50414 End Date: 09/29/2010 10:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-50414/1		09/28/2010 12:45	1	m48332.d	Rtx-5MS 0.25(mm)
ICIS 460-50414/2		09/28/2010 13:04	1	m48333.d	Rtx-5MS 0.25(mm)
IC 460-50414/3		09/28/2010 13:34	1	m48334.d	Rtx-5MS 0.25(mm)
IC 460-50414/4		09/28/2010 13:56	1	m48335.d	Rtx-5MS 0.25(mm)
IC 460-50414/5		09/28/2010 14:17	1	m48336.d	Rtx-5MS 0.25(mm)
IC 460-50414/6		09/28/2010 14:39	1	m48337.d	Rtx-5MS 0.25(mm)
LCS 460-50059/2-A		09/28/2010 15:29	1	m48339.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 15:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 16:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 16:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 16:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 17:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 17:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 18:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 18:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 19:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 19:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 19:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 20:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 20:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 20:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 21:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 21:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 21:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 22:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/28/2010 22:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/29/2010 10:35	1		Rtx-5MS 0.25(mm)

Organic Prep Worksheet

Batch Number: 460-50059
Method: 625
Analyst: Chen, Mandi

Date Open: Sep 27 2010 8:37AM
Batch End: Sep 27 2010 4:00PM

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP4BNACompnd_0 0001
MB~460-50059/1		3510C, 8270C SIM		7	1000 mL	2 mL	<2 SU	>12 SU	
LCS~460-50059/2		625, 625		7	1000 mL	2 mL	<2 SU	>12 SU	1 mL
460-17860-G-5~MS		625, 625	T	7	980 mL	2 mL	<2 SU	>12 SU	1 mL
460-17860-G-5~MS D		625, 625	T	7	980 mL	2 mL	<2 SU	>12 SU	1 mL
460-17860-G-5			T	7	980 mL	2 mL	<2 SU	>12 SU	
460-17860-G-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17860-H-2			T	7	820 mL	2 mL	<2 SU	>12 SU	
460-17860-G-3			T	7	900 mL	2 mL	<2 SU	>12 SU	
460-17860-H-9			T	7	840 mL	2 mL	<2 SU	>12 SU	
460-17860-G-10			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17806-E-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17845-G-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17846-F-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17846-F-2			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-D-3			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-D-4			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-E-5			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-E-7			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-D-8			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-E-12			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-D-14			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17876-L-1	MW-18	3510C, 8270C SIM	T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17891-C-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17891-D-2			T	7	980 mL	2 mL	<2 SU	>12 SU	

Organic Prep Worksheet

Batch Number: 460-50059
Method: 625
Analyst: Chen, Mandi

Date Open: Sep 27 2010 8:37AM
Batch End: Sep 27 2010 4:00PM

Lab ID	Client ID	Method Chain	Basis	OP625/82SP_00022	OP625/82SU_00016
MB~460-50059/1		3510C, 8270C SIM			1 mL
LCS~460-50059/2		625, 625		1 mL	1 mL
460-17860-G-5~MS		625, 625	T	1 mL	1 mL
460-17860-G-5~MSD		625, 625	T	1 mL	1 mL
460-17860-G-5			T		1 mL
460-17860-G-1			T		1 mL
460-17860-H-2			T		1 mL
460-17860-G-3			T		1 mL
460-17860-H-9			T		1 mL
460-17860-G-10			T		1 mL
460-17806-E-1			T		1 mL
460-17845-G-1			T		1 mL
460-17846-F-1			T		1 mL
460-17846-F-2			T		1 mL
460-17847-D-3			T		1 mL
460-17847-D-4			T		1 mL
460-17847-E-5			T		1 mL
460-17847-E-7			T		1 mL
460-17847-D-8			T		1 mL
460-17847-E-12			T		1 mL
460-17847-D-14			T		1 mL
460-17876-L-1	MW-18	3510C, 8270C SIM	T		1 mL
460-17891-C-1			T		1 mL
460-17891-D-2			T		1 mL

Person's name who did the prep:	MC	Concentration Start Time:	12:00PM
Prep Solvent Name:	MeCl2	Concentration End Time:	14:00PM
Prep Solvent Lot #:	J31E52	Na2SO4 Lot Number:	J21585
Prep Solvent Volume Used:	180		
Person's name who witnessed reagent drop:	JCR		
Acid used for pH adjustment:	H2SO4		
Acid used for pH adjust Lot #:	H46F04		
Base used for pH adjustment:	NaOH		
Base used for pH adjust Lot #:	OP075		
Person's name who did the concentration:	MC		
Water Bath Temperature:	90		

Method 8270C SIM

Semivolatile Organic Compounds (GC/MS SIM) by Method 8270C (SIM)

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab File ID: h90570.d Lab Sample ID: MB 460-50059/1-A

Matrix: Water Date Extracted: 09/27/2010 08:37

Instrument ID: BNAMS9 Date Analyzed: 09/30/2010 15:50

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-18	460-17876-1	h90572.d	09/30/2010 16:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab File ID: h90561.d DFTPP Injection Date: 09/30/2010

Instrument ID: BNAMS9 DFTPP Injection Time: 12:13

Analysis Batch No.: 50583

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	57.3	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	47.4	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	58.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	22.8	
365	Greater than 1.0 % of mass 198	3.0	
441	Present but less than mass 443	12.1	
442	Greater than 40.0 % of mass 198	85.2	
443	17.0 - 23.0 % of mass 442	17.5	(20.6)2

1-Value is % mass 69 2-Value is % mass 442

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
	ICIS 460-50583/2	h90562.d	09/30/2010	12:33
	IC 460-50583/3	h90564.d	09/30/2010	13:29
	IC 460-50583/4	h90565.d	09/30/2010	13:53
	IC 460-50583/5	h90566.d	09/30/2010	14:17
	IC 460-50583/6	h90567.d	09/30/2010	14:41
	IC 460-50583/7	h90568.d	09/30/2010	15:05
	MB 460-50059/1-A	h90570.d	09/30/2010	15:50
MW-18	460-17876-1	h90572.d	09/30/2010	16:38

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Sample No.: ICIS 460-50583/2 Date Analyzed: 09/30/2010 12:33

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h90562.d Heated Purge: (Y/N) N

Calibration ID: 7991

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		10443	3.38	36235	4.68	17519	6.42
UPPER LIMIT		20886	3.88	72470	5.18	35038	6.92
LOWER LIMIT		5222	2.88	18118	4.18	8760	5.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-50059/1-A		8277	3.38	27399	4.68	12347	6.42
460-17876-1	MW-18	6765	3.38	22966	4.68	13392	6.42

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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

Column used to flag values outside QC limits

FORM VIII 8270C SIM

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Sample No.: ICIS 460-50583/2 Date Analyzed: 09/30/2010 12:33

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h90562.d Heated Purge: (Y/N) N

Calibration ID: 7991

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		23429	7.86	19131	10.43	15754	12.07
UPPER LIMIT		46858	8.36	38262	10.93	31508	12.57
LOWER LIMIT		11715	7.36	9566	9.93	7877	11.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-50059/1-A		14581	7.86	11238	10.43	10107	12.07
460-17876-1	MW-18	21854	7.86	21701	10.43	19987	12.07

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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

Column used to flag values outside QC limits

FORM VIII 8270C SIM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-17876-1

Matrix: WG | Lab File ID: h90572.d

Analysis Method: 8270C SIM | Date Collected: 09/22/2010 13:40

Extract. Method: 3510C | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 990(mL) | Date Analyzed: 09/30/2010 16:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

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

Analysis Batch No.: 50583 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.030
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/h90572.d
Report Date: 01-Oct-2010 11:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/h90572.d
Lab Smp Id: 460-17876-L-1-A
Inj Date : 30-SEP-2010 16:38
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-17876-L-1-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/simpah.m
Meth Date : 30-Sep-2010 16:00 czhao Quant Type: ISTD
Cal Date : 30-SEP-2010 15:05 Cal File: h90568.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	3.379	3.379	(1.000)	6765	1.00000	(a)
* 80 Naphthalene-d8	136	4.679	4.680	(1.000)	22966	1.00000	(a)
31 Naphthalene	128	4.709	4.699	(1.006)	9888	0.37205	0.75
* 82 Acenaphthene-d10	164	6.420	6.420	(1.000)	13392	1.00000	(a)
42 Acenaphthene	154	6.449	6.449	(1.005)	3258	0.18080	0.36
* 83 Phenanthrene-d10	188	7.862	7.862	(1.000)	21854	1.00000	(a)
57 Pyrene	202	9.251	9.251	(0.887)	1355	0.03859	0.078
* 81 Chrysene-d12	240	10.433	10.433	(1.000)	21701	1.00000	(a)
* 84 Perylene-d12	264	12.066	12.066	(1.000)	19987	1.00000	(a)

QC Flag Legend

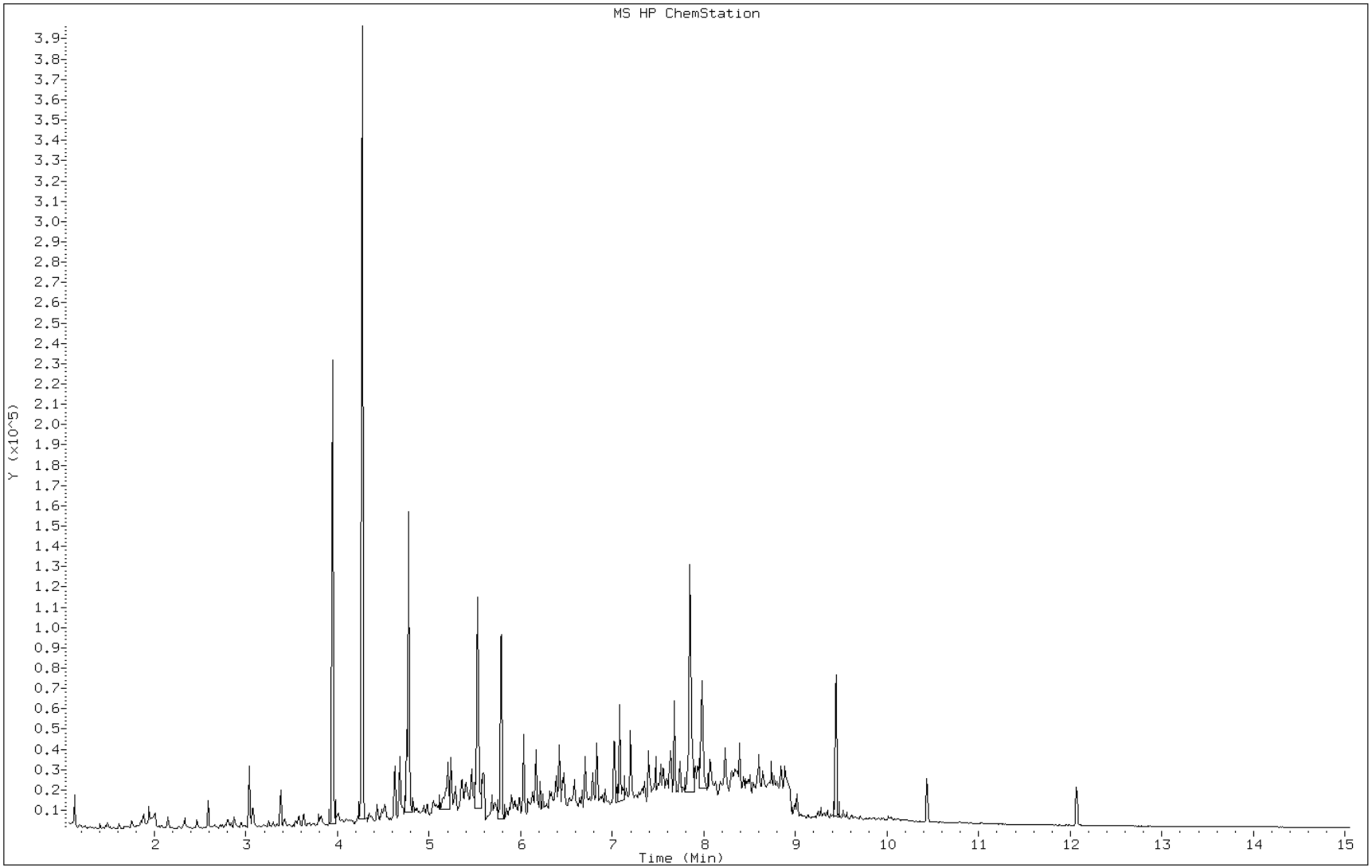
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: h90572.d

Date: 30-SEP-2010 16:38

Client ID: Instrument: BNAMS9.i

Sample Info: 460-17876-L-1-A Operator: BNAMS 4



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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50583

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 12:33 Calibration End Date: 09/30/2010 15:05 Calibration ID: 7991

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50583/7	h90568.d
Level 2	IC 460-50583/3	h90564.d
Level 3	ICIS 460-50583/2	h90562.d
Level 4	IC 460-50583/4	h90565.d
Level 5	IC 460-50583/5	h90566.d
Level 6	IC 460-50583/6	h90567.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								
N-Nitrosodimethylamine	0.4152 0.5383	0.4509	0.5523	0.4652	0.4879	Ave		0.4850				10.8		15.0			
Naphthalene	1.5561 1.1632	1.6137	1.2891	1.1295	1.1364	LinF		1.1572							0.9996		0.9900
Acenaphthylene	2.2496 1.9603	2.3999	2.0720	1.8464	1.9023	Ave		2.0717				10.4		15.0			
Acenaphthene	1.5540 1.2419	1.5754	1.3460	1.1634	1.1931	Ave		1.3456				13.4		30.0			
Fluorene	1.6791 1.2701	1.6835	1.4407	1.2666	1.2945	Ave		1.4391				13.8		15.0			
Hexachlorobenzene	0.2937 0.3290	0.3839	0.3274	0.3156	0.3223	Ave		0.3286				9.1		15.0			
Pentachlorophenol	0.0766 0.1327	0.0846	0.1344	0.1050	0.1073	QuaF		9.8303	-3.450						0.9985		0.9900
Phenanthrene	1.6611 1.3096	1.7614	1.4619	1.2598	1.3082	Ave		1.4603				14.3		15.0			
Anthracene	1.1765 1.1149	1.2641	1.0752	1.0303	1.0845	Ave		1.1243				7.5		15.0			
Fluoranthene	1.2793 1.0062	1.3409	1.1994	1.0509	1.0092	Ave		1.1476				12.7		30.0			
Pyrene	1.6248 1.4765	1.9886	1.5462	1.4352	1.6368	Ave		1.6180				12.2		15.0			
Benzo[a]anthracene	1.2463 1.0613	1.3350	1.1395	1.0388	1.0537	Ave		1.1458				10.5		15.0			
Chrysene	1.5671 1.2838	1.5412	1.3883	1.2397	1.2787	Ave		1.3831				10.2		15.0			
Benzo[b]fluoranthene	1.4879 1.5977	1.6728	1.4968	1.3877	1.6419	Ave		1.5475				7.0		15.0			
Benzo[k]fluoranthene	1.6743 1.8738	1.9170	1.7075	1.5596	1.8102	Ave		1.7571				7.6		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50583

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 12:33 Calibration End Date: 09/30/2010 15:05 Calibration ID: 7991

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								
Benzo[a]pyrene	1.1418 1.3944	1.3853	1.2067	1.1329	1.3006	Ave		1.2603				9.3		30.0			
Indeno[1,2,3-cd]pyrene	1.2247 1.4419	1.4016	1.2860	1.0683	1.3151	Ave		1.2896				10.4		15.0			
Dibenz(a,h)anthracene	1.2217 1.7170	1.3310	1.3317	1.2195	1.5255	Ave		1.3911				14.0		15.0			
Benzo[g,h,i]perylene	1.4347 1.7823	1.6620	1.5076	1.2992	1.6587	Ave		1.5574				11.3		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50583

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 12:33 Calibration End Date: 09/30/2010 15:05 Calibration ID: 7991

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50583/7	h90568.d
Level 2	IC 460-50583/3	h90564.d
Level 3	ICIS 460-50583/2	h90562.d
Level 4	IC 460-50583/4	h90565.d
Level 5	IC 460-50583/5	h90566.d
Level 6	IC 460-50583/6	h90567.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	386 29803	1079	2884	4916	10261	0.100 5.00	0.250	0.500	1.00	2.00
Naphthalene	NPT	LinF	1288 85060	2727	4671	20617	42441	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthylene	ANT	Ave	899 62086	2020	3630	16692	34873	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthene	ANT	Ave	621 39332	1326	2358	10518	21871	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluorene	ANT	Ave	671 40227	1417	2524	11451	23731	0.0250 2.00	0.0500	0.100	0.500	1.00
Hexachlorobenzene	PHN	Ave	64 30410	220	767	7672	15149	0.0100 5.00	0.0250	0.100	1.00	2.00
Pentachlorophenol	PHN	QuaF	167 12266	485	1575	2552	5043	0.100 5.00	0.250	0.500	1.00	2.00
Phenanthrene	PHN	Ave	905 48416	2019	3425	15313	30742	0.0250 2.00	0.0500	0.100	0.500	1.00
Anthracene	PHN	Ave	641 41219	1449	2519	12524	25485	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluoranthene	PHN	Ave	697 37200	1537	2810	12774	23715	0.0250 2.00	0.0500	0.100	0.500	1.00
Pyrene	CRY	Ave	704 39379	1640	2958	13525	24677	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]anthracene	CRY	Ave	540 28304	1101	2180	9790	15886	0.0250 2.00	0.0500	0.100	0.500	1.00
Chrysene	CRY	Ave	679 34238	1271	2656	11683	19278	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[b]fluoranthene	PRY	Ave	503 31004	925	2358	9667	15992	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[k]fluoranthene	PRY	Ave	566 36363	1060	2690	10864	17631	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]pyrene	PRY	Ave	386 27060	766	1901	7892	12668	0.0250 2.00	0.0500	0.100	0.500	1.00

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

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50583

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 12:33 Calibration End Date: 09/30/2010 15:05 Calibration ID: 7991

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Indeno[1,2,3-cd]pyrene	PRY	Ave	414 27981	775	2026	7442	12809	0.0250 2.00	0.0500	0.100	0.500	1.00
Dibenz(a,h)anthracene	PRY	Ave	413 33320	736	2098	8495	14858	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[g,h,i]perylene	PRY	Ave	485 34588	919	2375	9050	16156	0.0250 2.00	0.0500	0.100	0.500	1.00

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/h90561.d
Report Date: 30-Sep-2010 13:47

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/h90561.d
Lab Smp Id: dftpp-459998
Inj Date : 30-SEP-2010 12:13
Operator : BNA2 Inst ID: BNAMS9.i
Smp Info : dftpp-459998
Misc Info : bna4472
Comment   :
Method   : /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/BNADFTPP.m
Meth Date : 14-Sep-2010 09:52 rusin Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.179	4.446	-0.267	198	32818			0.00- 100.00	100.00
4.179	4.446	-0.267	51	18797			30.00- 60.00	57.28
4.179	4.446	-0.267	68	0			0.00- 2.00	0.00
4.179	4.446	-0.267	69	15550			0.00- 0.00	47.38
4.179	4.446	-0.267	70	0			0.00- 2.00	0.00
4.179	4.446	-0.267	127	19133			40.00- 60.00	58.30
4.179	4.446	-0.267	197	0			0.00- 1.00	0.00
4.179	4.446	-0.267	199	2194			5.00- 9.00	6.69
4.179	4.446	-0.267	275	7495			10.00- 30.00	22.84
4.179	4.446	-0.267	365	972			1.00- 0.00	2.96
4.179	4.446	-0.267	441	3961			0.01- 100.00	68.80
4.179	4.446	-0.267	442	27971			40.00- 110.00	85.23
4.179	4.446	-0.267	443	5757			17.00- 23.00	20.58

Data File: h90561.d

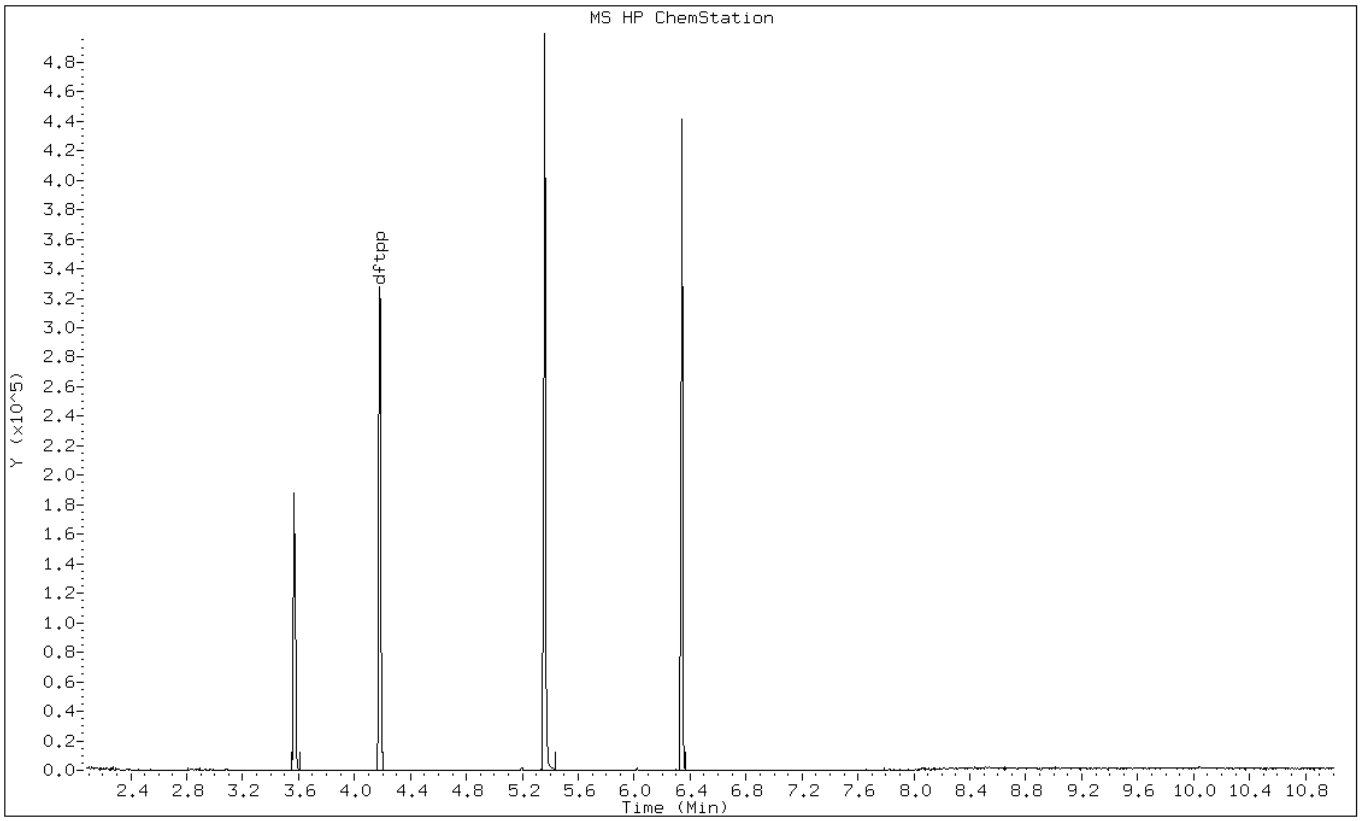
Date: 30-SEP-2010 12:13

Client ID:

Instrument: BNAMS9.i

Sample Info: dftpp-459998

Operator: BNA2



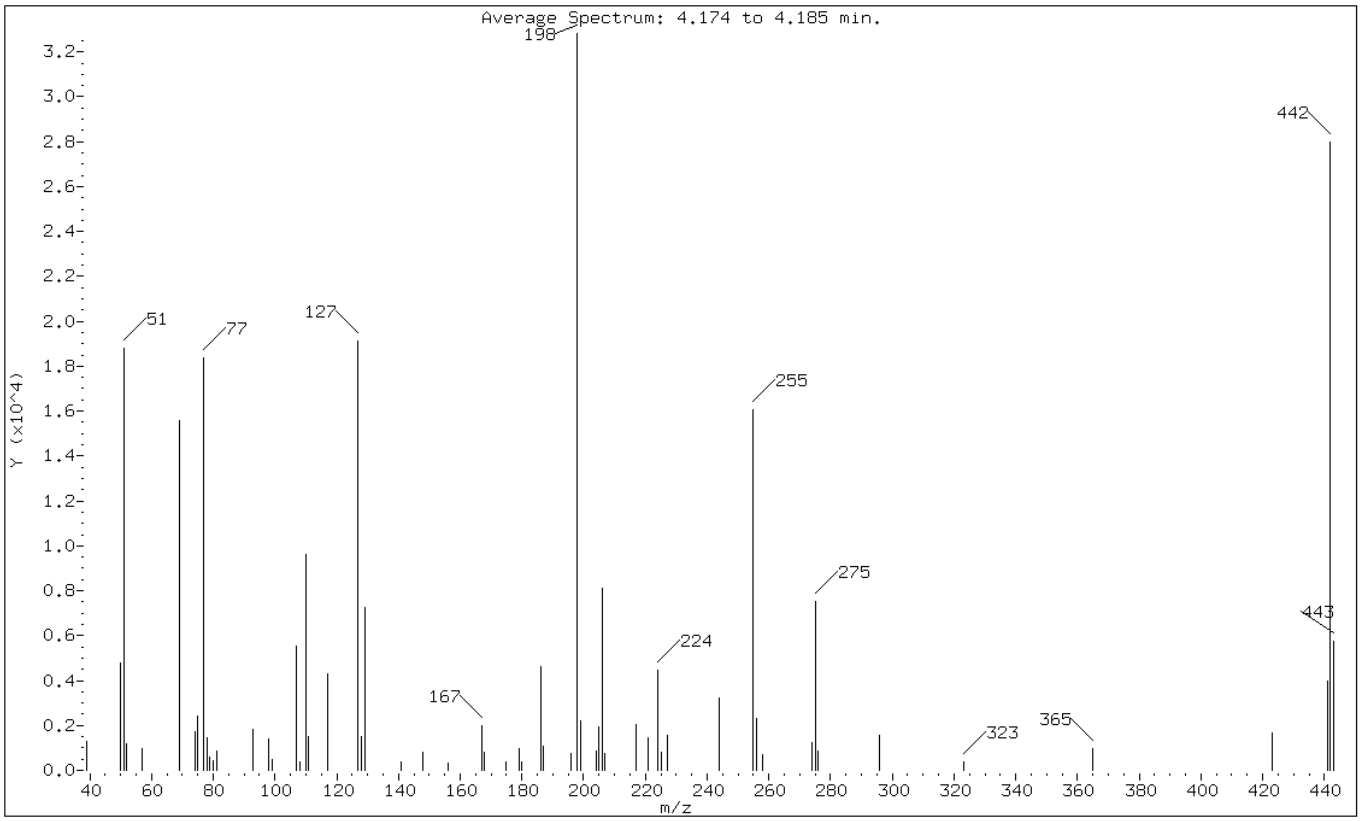
Data File: h90561.d

Date: 30-SEP-2010 12:13

Client ID: Instrument: BNAMS9.i

Sample Info: dftpp-459998 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	57.28
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	47.38
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	58.30
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.69
275	10.00 - 30.00% of mass 198	22.84
365	Greater than 1.00% of mass 198	2.96
441	0.01 - 100.00% of mass 443	12.07 (68.80)
442	40.00 - 110.00% of mass 198	85.23
443	17.00 - 23.00% of mass 442	17.54 (20.58)

Data File: h90561.d

Date: 30-SEP-2010 12:13

Client ID: Instrument: BNAMS9.i

Sample Info: dftpp-459998 Operator: BNA2

Data File: /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/h90561.d
Spectrum: Average Spectrum: 4.174 to 4.185 min.
Location of Maximum: 198.00
Number of points: 60

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1284	107.00	5539	186.00	4595	256.00	2322
50.00	4770	108.00	361	187.00	1061	258.00	715
51.00	18792	110.00	9640	196.00	762	274.00	1221
52.00	1182	111.00	1529	198.00	32816	275.00	7495
57.00	949	117.00	4321	199.00	2194	276.00	869
69.00	15550	127.00	19128	204.00	858	296.00	1566
74.00	1725	128.00	1521	205.00	1911	323.00	386
75.00	2416	129.00	7233	206.00	8117	365.00	972
77.00	18368	141.00	393	207.00	772	423.00	1678
78.00	1445	148.00	810	217.00	2053	441.00	3961
79.00	573	156.00	349	221.00	1445	442.00	27968
80.00	425	167.00	1989	224.00	4451	443.00	5757
81.00	863	168.00	832	225.00	823		
93.00	1836	175.00	362	227.00	1554		
98.00	1405	179.00	964	244.00	3197		
99.00	467	180.00	350	255.00	16068		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-50059/1-A

Matrix: Water | Lab File ID: h90570.d

Analysis Method: 8270C SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/27/2010 08:37

Sample wt/vol: 1000(mL) | Date Analyzed: 09/30/2010 15:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

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

Analysis Batch No.: 50583 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/h90570.d
Report Date: 30-Sep-2010 16:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/h90570.d
Lab Smp Id: MB 460-50059/1-A
Inj Date : 30-SEP-2010 15:50
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : MB 460-50059/1-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/09-30-10/30sep10.b/simpah.m
Meth Date : 30-Sep-2010 16:00 czhao Quant Type: ISTD
Cal Date : 30-SEP-2010 15:05 Cal File: h90568.d
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	3.379	3.379	(1.000)	8277	1.00000		
* 80 Naphthalene-d8	136	4.680	4.680	(1.000)	27399	1.00000		
31 Naphthalene	128	4.699	4.699	(1.004)	1057	0.03334	0.067	
* 82 Acenaphthene-d10	164	6.421	6.420	(1.000)	12347	1.00000		
* 83 Phenanthrene-d10	188	7.863	7.862	(1.000)	14581	1.00000		
* 81 Chrysene-d12	240	10.434	10.433	(1.000)	11238	1.00000		(M)
* 84 Perylene-d12	264	12.066	12.066	(1.000)	10107	1.00000		

QC Flag Legend

M - Compound response manually integrated.

Data File: h90570.d

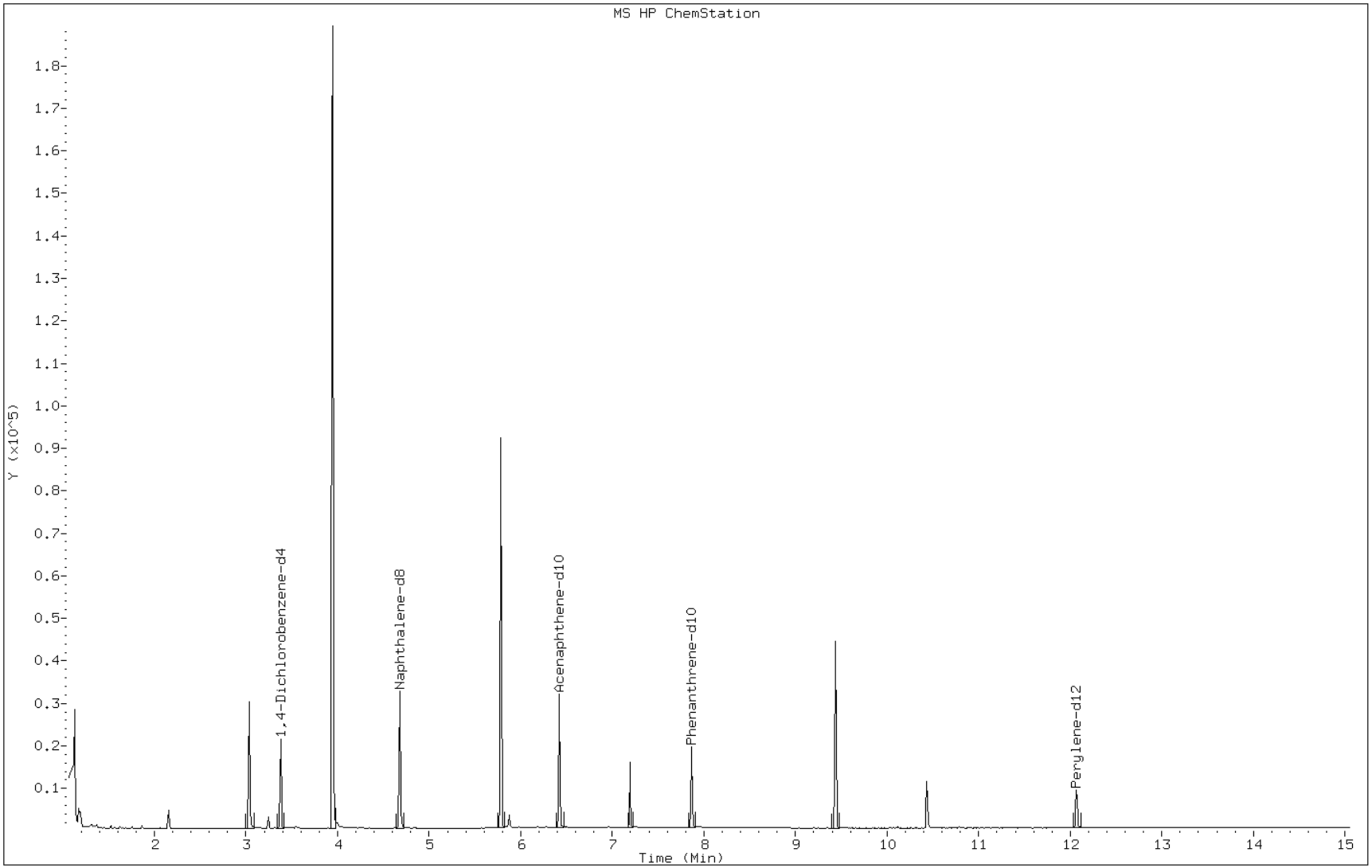
Date: 30-SEP-2010 15:50

Client ID:

Instrument: BNAMS9.i

Sample Info: MB 460-50059/1-A

Operator: BNAMS 4



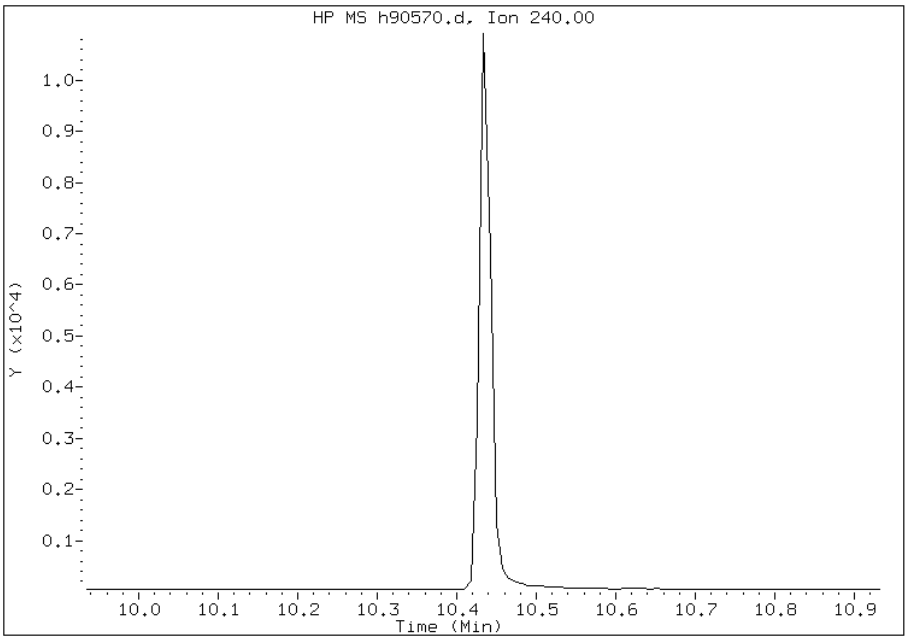
Manual Integration Report

Data File: h90570.d
Inj. Date and Time: 30-SEP-2010 15:50
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 09/30/2010

Processing Integration Results

Not Detected

Expected RT: 10.43



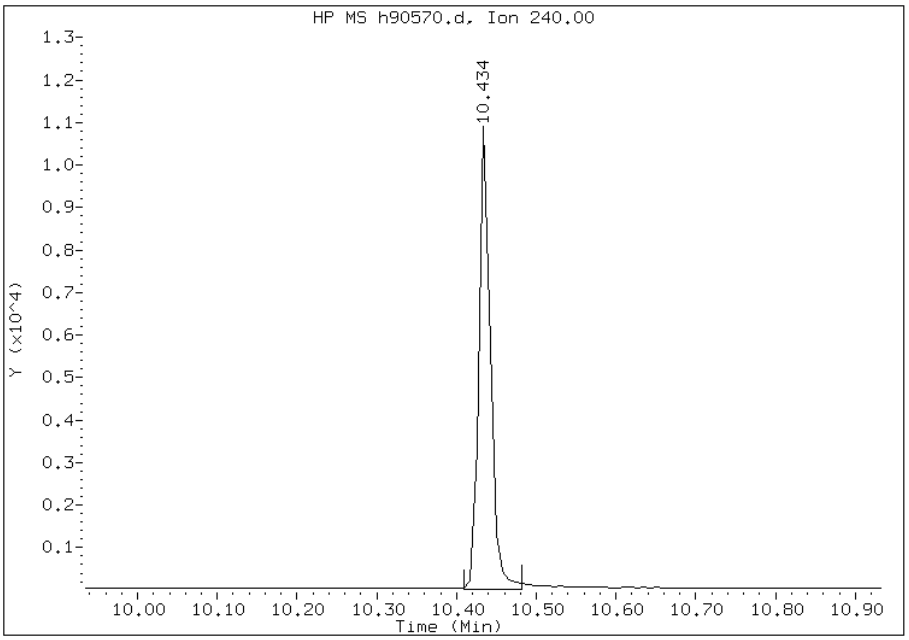
Manual Integration Results

RT: 10.43

Response: 11238

Amount: 1

Conc: 2



Manually Integrated By: wahied
Manual Integration Reason:

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: BNAMS9 Start Date: 09/30/2010 12:13

Analysis Batch Number: 50583 End Date: 09/30/2010 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-50583/1		09/30/2010 12:13	1	h90561.d	Rtx-5MS 0.25(mm)
ICIS 460-50583/2		09/30/2010 12:33	1	h90562.d	Rtx-5MS 0.25(mm)
IC 460-50583/3		09/30/2010 13:29	1	h90564.d	Rtx-5MS 0.25(mm)
IC 460-50583/4		09/30/2010 13:53	1	h90565.d	Rtx-5MS 0.25(mm)
IC 460-50583/5		09/30/2010 14:17	1	h90566.d	Rtx-5MS 0.25(mm)
IC 460-50583/6		09/30/2010 14:41	1	h90567.d	Rtx-5MS 0.25(mm)
IC 460-50583/7		09/30/2010 15:05	1	h90568.d	Rtx-5MS 0.25(mm)
MB 460-50059/1-A		09/30/2010 15:50	1	h90570.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 16:14	1		Rtx-5MS 0.25(mm)
460-17876-1	MW-18	09/30/2010 16:38	1	h90572.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 17:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 17:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 17:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 18:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 18:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 19:28	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 19:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 20:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 20:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 21:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 21:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 22:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 23:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/30/2010 23:55	5		Rtx-5MS 0.25(mm)

Organic Prep Worksheet

Batch Number: 460-50059
Method: 625
Analyst: Chen, Mandi

Date Open: Sep 27 2010 8:37AM
Batch End: Sep 27 2010 4:00PM

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP4BNACompnd_0 0001
MB~460-50059/1		3510C, 8270C SIM		7	1000 mL	2 mL	<2 SU	>12 SU	
LCS~460-50059/2		625, 625		7	1000 mL	2 mL	<2 SU	>12 SU	1 mL
460-17860-G-5~MS		625, 625	T	7	980 mL	2 mL	<2 SU	>12 SU	1 mL
460-17860-G-5~MS D		625, 625	T	7	980 mL	2 mL	<2 SU	>12 SU	1 mL
460-17860-G-5			T	7	980 mL	2 mL	<2 SU	>12 SU	
460-17860-G-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17860-H-2			T	7	820 mL	2 mL	<2 SU	>12 SU	
460-17860-G-3			T	7	900 mL	2 mL	<2 SU	>12 SU	
460-17860-H-9			T	7	840 mL	2 mL	<2 SU	>12 SU	
460-17860-G-10			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17806-E-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17845-G-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17846-F-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17846-F-2			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-D-3			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-D-4			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-E-5			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-E-7			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-D-8			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-E-12			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17847-D-14			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17876-L-1	MW-18	3510C, 8270C SIM	T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17891-C-1			T	7	990 mL	2 mL	<2 SU	>12 SU	
460-17891-D-2			T	7	980 mL	2 mL	<2 SU	>12 SU	

Organic Prep Worksheet

Batch Number: 460-50059
Method: 625
Analyst: Chen, Mandi

Date Open: Sep 27 2010 8:37AM
Batch End: Sep 27 2010 4:00PM

Lab ID	Client ID	Method Chain	Basis	OP625/82SP_00022	OP625/82SU_00016
MB~460-50059/1		3510C, 8270C SIM			1 mL
LCS~460-50059/2		625, 625		1 mL	1 mL
460-17860-G-5~MS		625, 625	T	1 mL	1 mL
460-17860-G-5~MSD		625, 625	T	1 mL	1 mL
460-17860-G-5			T		1 mL
460-17860-G-1			T		1 mL
460-17860-H-2			T		1 mL
460-17860-G-3			T		1 mL
460-17860-H-9			T		1 mL
460-17860-G-10			T		1 mL
460-17806-E-1			T		1 mL
460-17845-G-1			T		1 mL
460-17846-F-1			T		1 mL
460-17846-F-2			T		1 mL
460-17847-D-3			T		1 mL
460-17847-D-4			T		1 mL
460-17847-E-5			T		1 mL
460-17847-E-7			T		1 mL
460-17847-D-8			T		1 mL
460-17847-E-12			T		1 mL
460-17847-D-14			T		1 mL
460-17876-L-1	MW-18	3510C, 8270C SIM	T		1 mL
460-17891-C-1			T		1 mL
460-17891-D-2			T		1 mL

Person's name who did the prep:	MC	Concentration Start Time:	12:00PM
Prep Solvent Name:	MeCl2	Concentration End Time:	14:00PM
Prep Solvent Lot #:	J31E52	Na2SO4 Lot Number:	J21585
Prep Solvent Volume Used:	180		
Person's name who witnessed reagent drop:	JCR		
Acid used for pH adjustment:	H2SO4		
Acid used for pH adjust Lot #:	H46F04		
Base used for pH adjustment:	NaOH		
Base used for pH adjust Lot #:	OP075		
Person's name who did the concentration:	MC		
Water Bath Temperature:	90		

Method 608

Organochlorine Pesticides & PCBs (GC) by Method 608

FORM II
PESTICIDES/PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
MW-18	460-17876-1	138 p	350 X	144	177 X
	MB 460-50182/1-A	87	92	91	110
	LCS 460-50182/2-A	91	97	93	114
	LCSD 460-50182/3-A	91	95	94	113

	QC LIMITS
TCX = Tetrachloro-m-xylene	38-138
DCB = DCB Decachlorobiphenyl	17-152

Column to be used to flag recovery values

FORM II 608

FORM III
PESTICIDES/PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: nf089267.d

Lab ID: LCS 460-50182/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	5.00	4.78	96	50-114	
Aroclor 1260	5.00	4.93	99	8-127	

Column to be used to flag recovery and RPD values

FORM III 608

FORM III
PESTICIDES/PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: nr089267.d

Lab ID: LCS 460-50182/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	5.00	5.41	108	50-114	
Aroclor 1260	5.00	4.93	99	8-127	

Column to be used to flag recovery and RPD values

FORM III 608

FORM III
PESTICIDES/PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: nf089268.d

Lab ID: LCSD 460-50182/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	5.00	4.83	97	1	40	50-114	
Aroclor 1260	5.00	4.82	96	2	40	8-127	

Column to be used to flag recovery and RPD values

FORM III 608

FORM III
PESTICIDES/PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water Level: Low Lab File ID: nr089268.d

Lab ID: LCSD 460-50182/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	5.00	5.10	102	6	40	50-114	
Aroclor 1260	5.00	5.00	100	1	40	8-127	

Column to be used to flag recovery and RPD values

FORM III 608

FORM IV
PESTICIDES/PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: MB 460-50182/1-A

Matrix: Water Date Extracted: 09/28/2010 08:19

Lab File ID:(1) nf089266.d Lab File ID:(2) nr089266.d

Date Analyzed:(1) 10/01/2010 05:15 Date Analyzed:(2) 10/01/2010 05:15

Instrument ID:(1) PESTGC6 Instrument ID:(2) PESTGC6

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 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 460-50182/2-A	10/01/2010 05:28	10/01/2010 05:28
	LCSD 460-50182/3-A	10/01/2010 05:40	10/01/2010 05:40
MW-18	460-17876-1	10/01/2010 08:35	10/01/2010 08:35

FORM VIII
PESTICIDES/PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Sample No.: CCVRT 460-50656/20 Date Analyzed: 09/30/2010 13:24

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): nf089197.d Heated Purge: (Y/N) N

Calibration ID: 7958

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.27	9.12	
UPPER LIMIT				2.32	9.22	
LOWER LIMIT				2.22	9.02	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-50656/20		09/30/2010 13:24	nf089197.d	2.27	9.12	
MB 460-50182/1-A		10/01/2010 05:15	nf089266.d	2.27	9.10	
LCS 460-50182/2-A		10/01/2010 05:28	nf089267.d	2.27	9.10	
LCSD 460-50182/3-A		10/01/2010 05:40	nf089268.d	2.27	9.11	
460-17876-1	MW-18	10/01/2010 08:35	nf089274.d	2.29	9.14	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 608

FORM VIII
PESTICIDES/PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Sample No.: CCVRT 460-50656/20 Date Analyzed: 09/30/2010 13:24

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): nr089197.d Heated Purge: (Y/N) N

Calibration ID: 7969

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.03	8.16	
UPPER LIMIT				2.08	8.26	
LOWER LIMIT				1.98	8.06	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-50656/20		09/30/2010 13:24	nr089197.d	2.03	8.16	
MB 460-50182/1-A		10/01/2010 05:15	nr089266.d	2.03	8.15	
LCS 460-50182/2-A		10/01/2010 05:28	nr089267.d	2.03	8.15	
LCSD 460-50182/3-A		10/01/2010 05:40	nr089268.d	2.03	8.15	
460-17876-1	MW-18	10/01/2010 08:35	nr089274.d	2.03	8.16	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 608

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 Lab Sample ID: 460-17876-1

Instrument ID (1): PESTGC6 Instrument ID (2): PESTGC6

Date Analyzed (1): 10/01/2010 08:35 Date Analyzed (2): 10/01/2010 08:35

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.64	2.57	2.71	32.2	32	9.6
		2	2.97	2.90	3.04	52.0		
		4	3.41	3.33	3.47	33.1		
		5	3.57	3.49	3.63	28.1		
		6	3.82	3.74	3.88	17.6		
		7	4.35	4.28	4.42	30.0		
		8	4.81	4.72	4.86	32.4		
	2	1	2.27	2.19	2.33	33.0	29	
		2	2.51	2.44	2.58	52.8		
		4	2.83	2.76	2.90	28.3		
		5	2.94	2.87	3.01	22.6		
		6	3.11	3.04	3.18	32.4		
		7	3.29	3.21	3.35	26.3		
		8	4.03	3.96	4.10	9.24		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-50182/2-A

Instrument ID (1): PESTGC6 Instrument ID (2): PESTGC6

Date Analyzed (1): 10/01/2010 05:28 Date Analyzed (2): 10/01/2010 05:28

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.63	2.55	2.69	4.78	4.78	12.3
		2	2.95	2.88	3.02	4.95		
		3	3.16	3.09	3.23	4.70		
		4	3.38	3.30	3.44	4.79		
		5	3.53	3.46	3.60	4.65		
		6	3.84	3.77	3.91	4.71		
		8	4.32	4.25	4.39	4.88		
	2	1	2.27	2.19	2.33	4.81	5.41	
		2	2.51	2.43	2.57	5.11		
		3	2.65	2.57	2.71	5.24		
		4	2.83	2.75	2.89	5.17		
		5	2.94	2.86	3.00	5.34		
		6	2.99	2.91	3.05	5.03		
		7	3.10	3.03	3.17	7.33		
		8	3.29	3.21	3.35	5.21		
Aroclor 1260	1	1	6.04	5.97	6.11	5.22	4.93	0.1
		2	6.33	6.27	6.41	4.95		
		3	6.83	6.76	6.90	5.00		
		4	6.95	6.89	7.03	4.68		
		5	7.02	6.96	7.10	4.92		
		6	7.33	7.27	7.41	5.08		
		7	8.01	7.95	8.09	5.16		
		8	8.56	8.50	8.64	4.42		
	2	1	4.81	4.73	4.87	5.18	4.93	
		2	5.23	5.15	5.29	5.19		
		3	5.64	5.56	5.70	5.00		
		4	5.78	5.71	5.85	4.89		
		5	6.12	6.05	6.19	5.12		
		6	6.92	6.84	6.98	4.87		
		7	7.02	6.95	7.09	4.40		
		8	7.66	7.59	7.73	4.81		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-50182/3-A

Instrument ID (1): PESTGC6 Instrument ID (2): PESTGC6

Date Analyzed (1): 10/01/2010 05:40 Date Analyzed (2): 10/01/2010 05:40

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.63	2.55	2.69	4.85	4.83	5.6
		2	2.95	2.88	3.02	4.96		
		3	3.17	3.09	3.23	5.12		
		4	3.38	3.30	3.44	4.81		
		5	3.53	3.46	3.60	4.68		
		6	3.84	3.77	3.91	4.54		
		8	4.32	4.25	4.39	4.84		
	2	1	2.27	2.19	2.33	4.83	5.10	
		2	2.51	2.43	2.57	5.04		
		3	2.65	2.57	2.71	5.00		
		4	2.83	2.75	2.89	5.08		
		5	2.94	2.86	3.00	5.18		
		6	2.99	2.91	3.05	5.01		
		7	3.10	3.03	3.17	5.48		
		8	3.29	3.21	3.35	5.21		
Aroclor 1260	1	1	6.04	5.97	6.11	5.03	4.82	3.7
		2	6.33	6.27	6.41	4.85		
		3	6.83	6.76	6.90	4.93		
		4	6.95	6.89	7.03	4.59		
		5	7.02	6.96	7.10	4.74		
		6	7.33	7.27	7.41	5.04		
		7	8.01	7.95	8.09	4.93		
		8	8.56	8.50	8.64	4.43		
	2	1	4.81	4.73	4.87	5.21	5.00	
		2	5.23	5.15	5.29	5.28		
		3	5.64	5.56	5.70	5.01		
		4	5.78	5.71	5.85	4.91		
		5	6.12	6.05	6.19	5.13		
		6	6.92	6.84	6.98	4.79		
		7	7.02	6.95	7.09	4.43		
		8	7.66	7.59	7.73	5.24		

FORM I
PESTICIDES/PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 Lab Sample ID: 460-17876-1

Matrix: WG Lab File ID: nf089274.d

Analysis Method: 608 Date Collected: 09/22/2010 13:40

Extraction Method: 608 Date Extracted: 09/28/2010 08:19

Sample wt/vol: 990(mL) Date Analyzed: 10/01/2010 08:35

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

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

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

Analysis Batch No.: 50656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	32		5.1	0.81

CAS NO.	SURROGATE	%REC	LIMITS	Q
877-09-8	Tetrachloro-m-xylene	138	38-138	p
2051-24-3	DCB Decachlorobiphenyl	144	17-152	

Data File: nf089274.d
Report Date: 04-Oct-2010 15:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/nf089274.d
Lab Smp Id: 460-17876-J-1-A
Inj Date : 01-OCT-2010 08:35
Operator : Inst ID: PESTGC6.i
Smp Info : 460-17876-J-1-A
Misc Info :
Comment :
Method : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/08Nf608.m
Meth Date : 01-Oct-2010 07:19 sita Quant Type: ESTD
Cal Date : 29-SEP-2010 08:37 Cal File: nr089099.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: PCB+.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	5.00000	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	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.643	2.643	0.000	47894	1274.10	32	80.00- 120.00	100.00(MH)
2.973	2.970	0.003	129436	2058.35	51	147.05- 220.57	270.25
3.193	3.187	0.006	0			75.93- 113.89	0.00
3.407	3.400	0.007	173007	1309.41	33	274.90- 412.35	361.23
3.567	3.557	0.010	65687	1113.81	28	119.82- 179.74	137.15
3.817	3.810	0.007	20953	696.422	17	56.89- 85.34	43.75
4.353	4.353	0.000	68299	1189.24	30	116.74- 175.11	142.60
4.807	4.793	0.014	80918	1282.61	32	126.59- 189.88	168.95
Average of Peak Concentrations =					32		
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.290	2.273	0.017	53880	27.5152	0.69	80.00- 120.00	100.00(M)

Data File: nf089274.d
Report Date: 04-Oct-2010 15:01

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)						CAS #: 2051-24-3	
9.137	9.120	0.017	64011	28.8386	0.72	80.00- 120.00	100.00(M)

QC Flag Legend

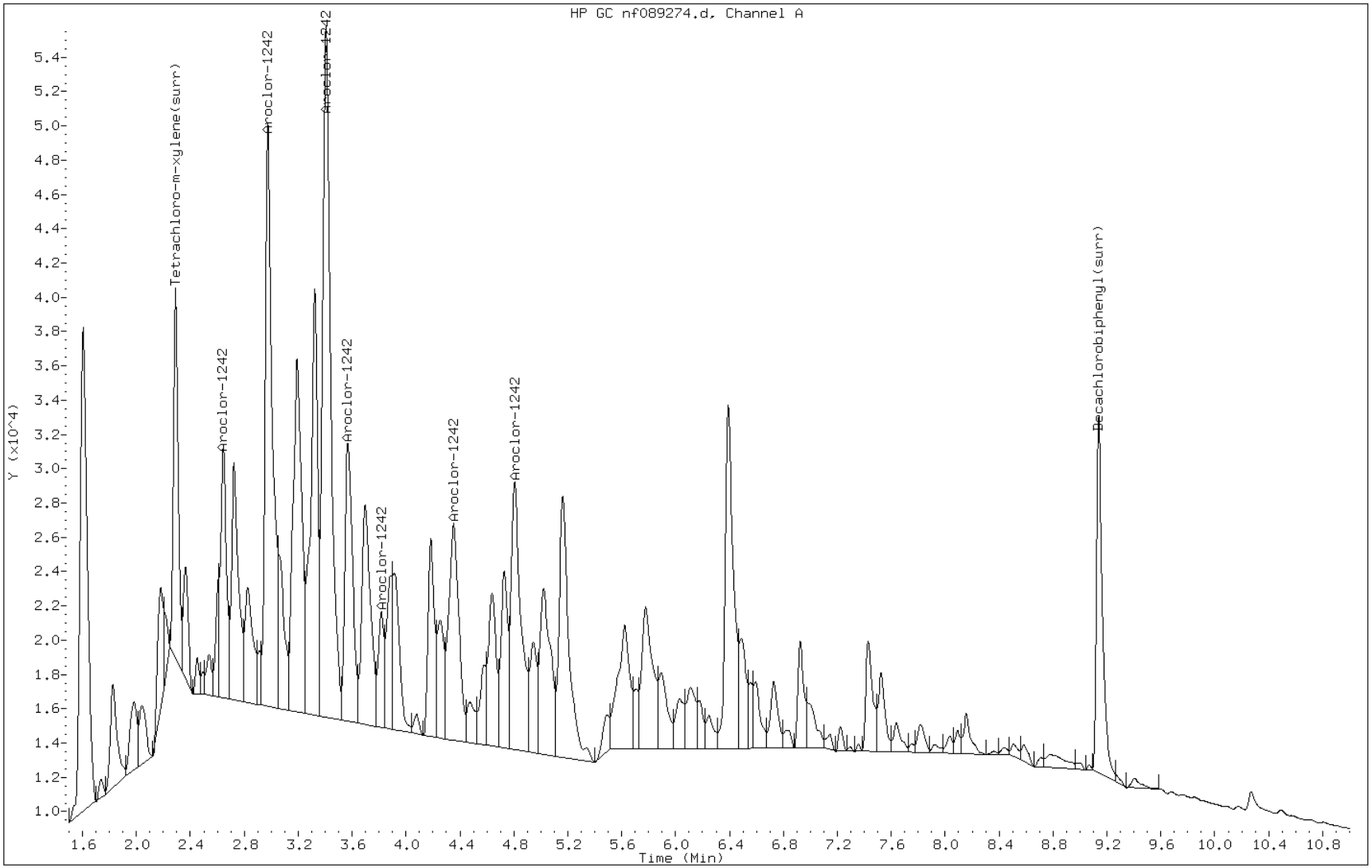
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: nf089274.d

Date: 01-OCT-2010 08:35

Client ID: Instrument: PESTGC6.i

Sample Info: 460-17876-J-1-A Operator:



Manual Integration Report

Data File: nf089274.d
Inj. Date and Time: 01-OCT-2010 08:35
Instrument ID: PESTGC6.i
Client ID:
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 10/04/2010

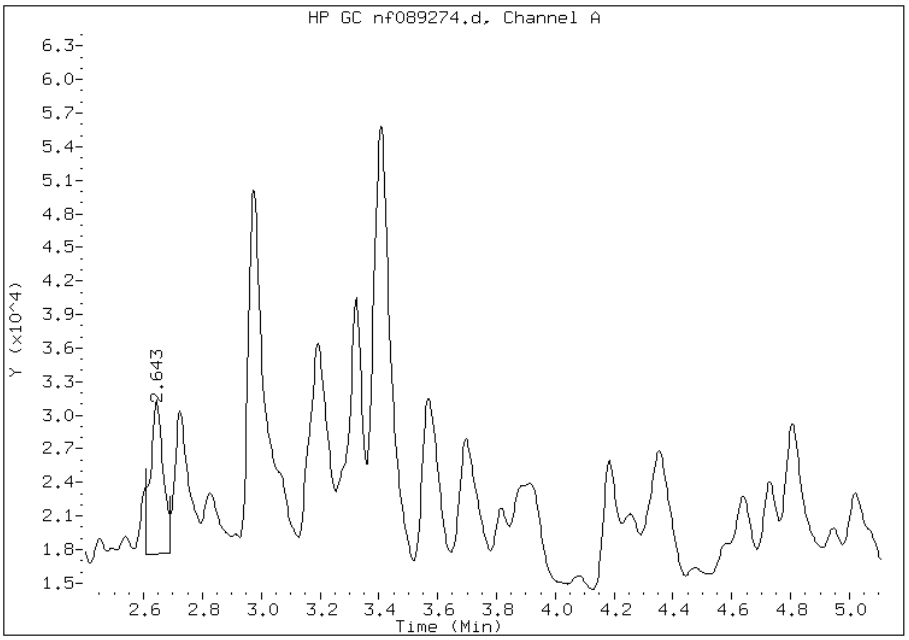
Processing Integration Results

RT: 2.64

Response: 42699

Amount: 1279.84

Conc: 32.00



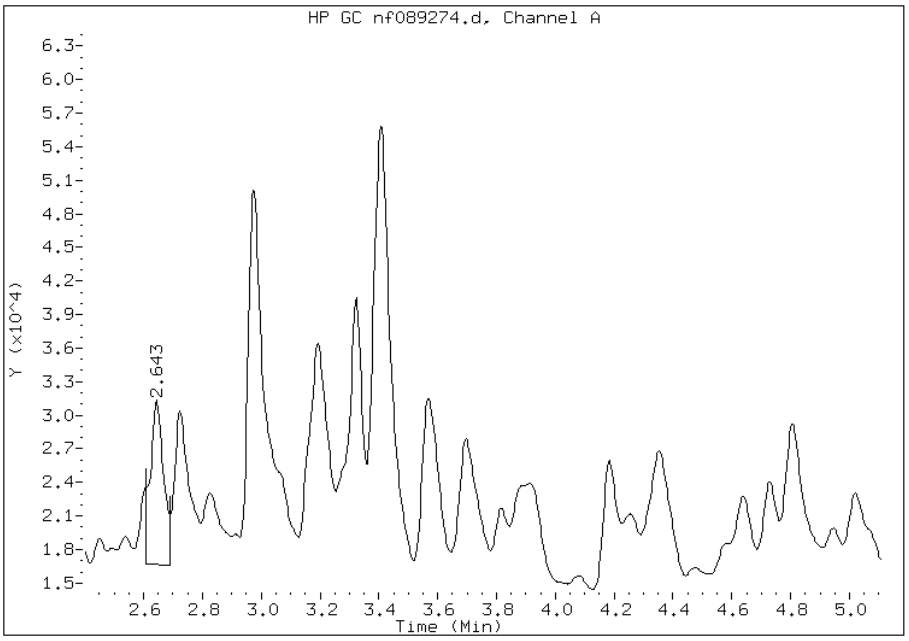
Manual Integration Results

RT: 2.64

Response: 47894

Amount: 1274.85

Conc: 32.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: nf089274.d
Inj. Date and Time: 01-OCT-2010 08:35
Instrument ID: PESTGC6.i
Client ID:
Compound: 28 Tetrachloro-m-xylene(surr)
CAS #: 877-09-8
Report Date: 10/04/2010

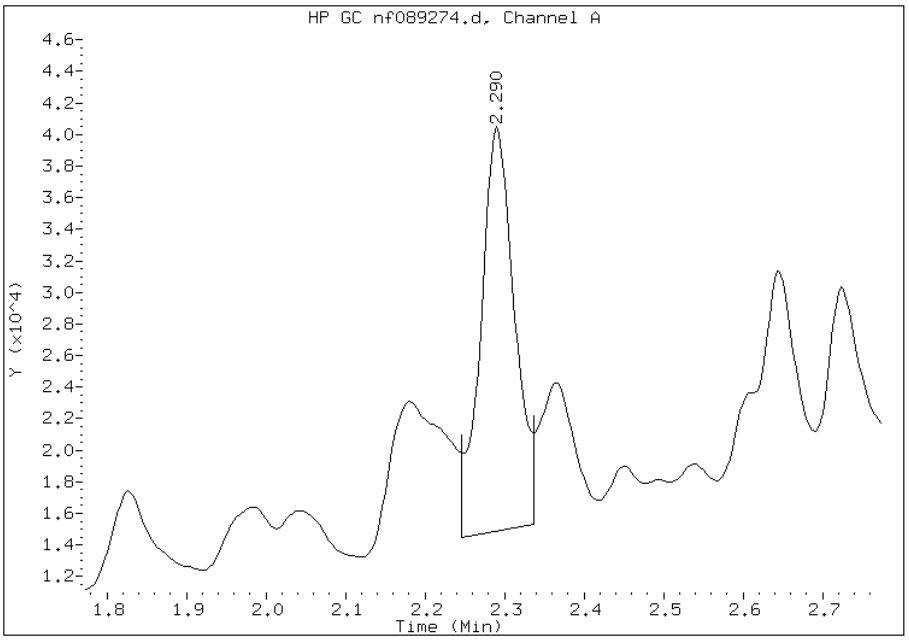
Processing Integration Results

RT: 2.29

Response: 76459

Amount: 39.00

Conc: 0.97



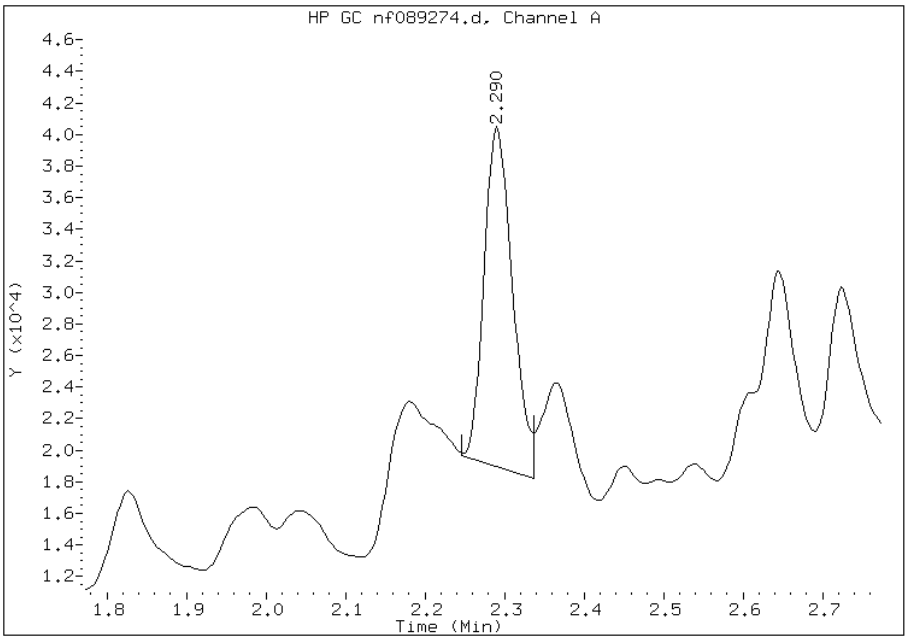
Manual Integration Results

RT: 2.29

Response: 53880

Amount: 27.52

Conc: 0.69



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: nf089274.d
Inj. Date and Time: 01-OCT-2010 08:35
Instrument ID: PESTGC6.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/04/2010

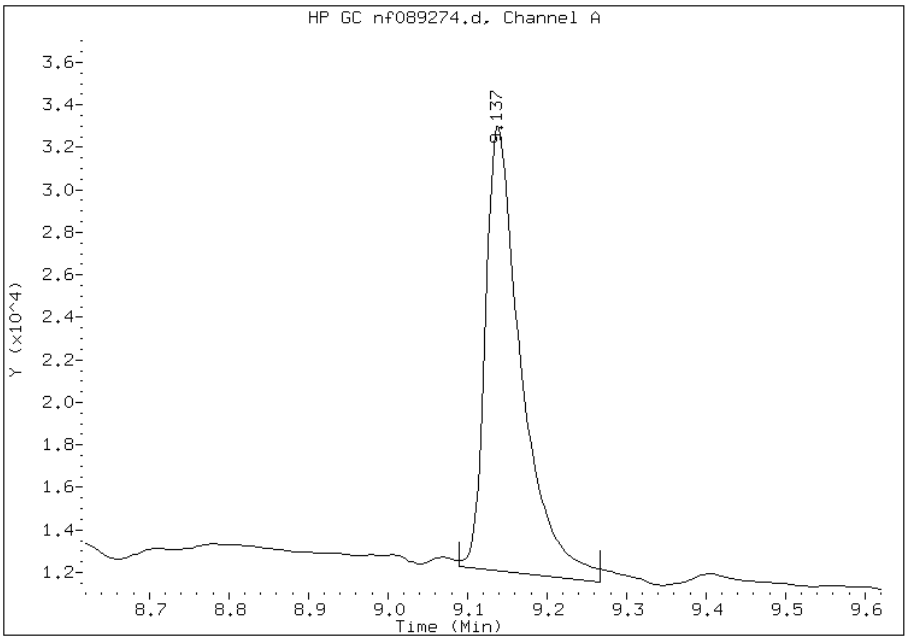
Processing Integration Results

RT: 9.14

Response: 65717

Amount: 29.61

Conc: 0.74



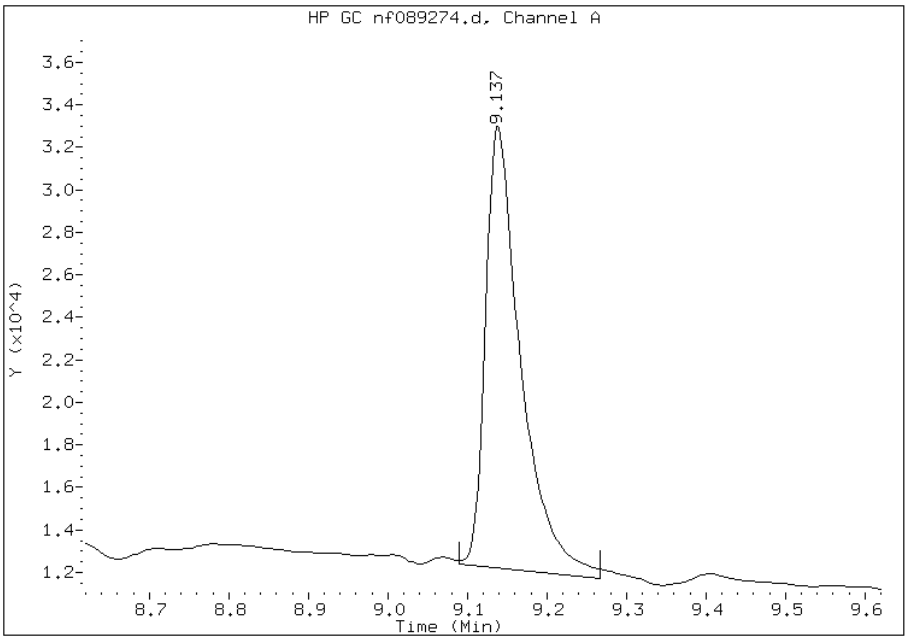
Manual Integration Results

RT: 9.14

Response: 64011

Amount: 28.84

Conc: 0.72



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PESTICIDES/PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-17876-1

Matrix: WG | Lab File ID: nr089274.d

Analysis Method: 608 | Date Collected: 09/22/2010 13:40

Extraction Method: 608 | Date Extracted: 09/28/2010 08:19

Sample wt/vol: 990(mL) | Date Analyzed: 10/01/2010 08:35

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

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

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

Analysis Batch No.: 50656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.1	U	5.1	0.76
11104-28-2	Aroclor 1221	5.1	U	5.1	0.61
11141-16-5	Aroclor 1232	5.1	U	5.1	0.61
12672-29-6	Aroclor 1248	5.1	U	5.1	1.1
11097-69-1	Aroclor 1254	5.1	U	5.1	0.66
11096-82-5	Aroclor 1260	5.1	U	5.1	0.61
37324-23-5	Aroclor 1262	5.1	U	5.1	0.56
11100-14-4	Aroclor 1268	5.1	U	5.1	0.56

CAS NO.	SURROGATE	%REC	LIMITS	Q
877-09-8	Tetrachloro-m-xylene	350	38-138	*X*
2051-24-3	DCB Decachlorobiphenyl	177	17-152	X

Data File: nr089274.d
Report Date: 04-Oct-2010 15:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/nr089274.d
Lab Smp Id: 460-17876-J-1-A
Inj Date : 01-OCT-2010 08:35
Operator : Inst ID: PESTGC6.i
Smp Info : 460-17876-J-1-A
Misc Info :
Comment :
Method : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/08Nr608.m
Meth Date : 01-Oct-2010 06:55 sita Quant Type: ESTD
Cal Date : 29-SEP-2010 08:37 Cal File: nr089099.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: PCB+.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	5.00000	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	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.270	2.263	0.007	155263	1305.84	33	80.00- 120.00	100.00(M)
2.507	2.507	0.000	331821	2090.38	52	109.23- 163.84	213.72
2.640	2.640	0.000	0			83.64- 125.46	0.00
2.830	2.827	0.003	444542	1122.38	28	267.17- 400.75	286.32
2.940	2.937	0.003	138509	896.439	22	97.70- 146.54	89.21
3.110	3.107	0.003	301627	1281.66	32	179.38- 269.07	194.27
3.287	3.283	0.004	175061	1042.28	26	98.97- 148.45	112.75
4.027	4.027	0.000	60063	365.954	9.1	91.88- 137.83	38.68
Average of Peak Concentrations =					29		
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.030	2.030	0.000	391048	69.9656	1.7	80.00- 120.00	100.00(RM)

Data File: nr089274.d
Report Date: 04-Oct-2010 15:03

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.163	8.157	0.006	143588	35.3396	0.88	80.00- 120.00	100.00(RM)

QC Flag Legend

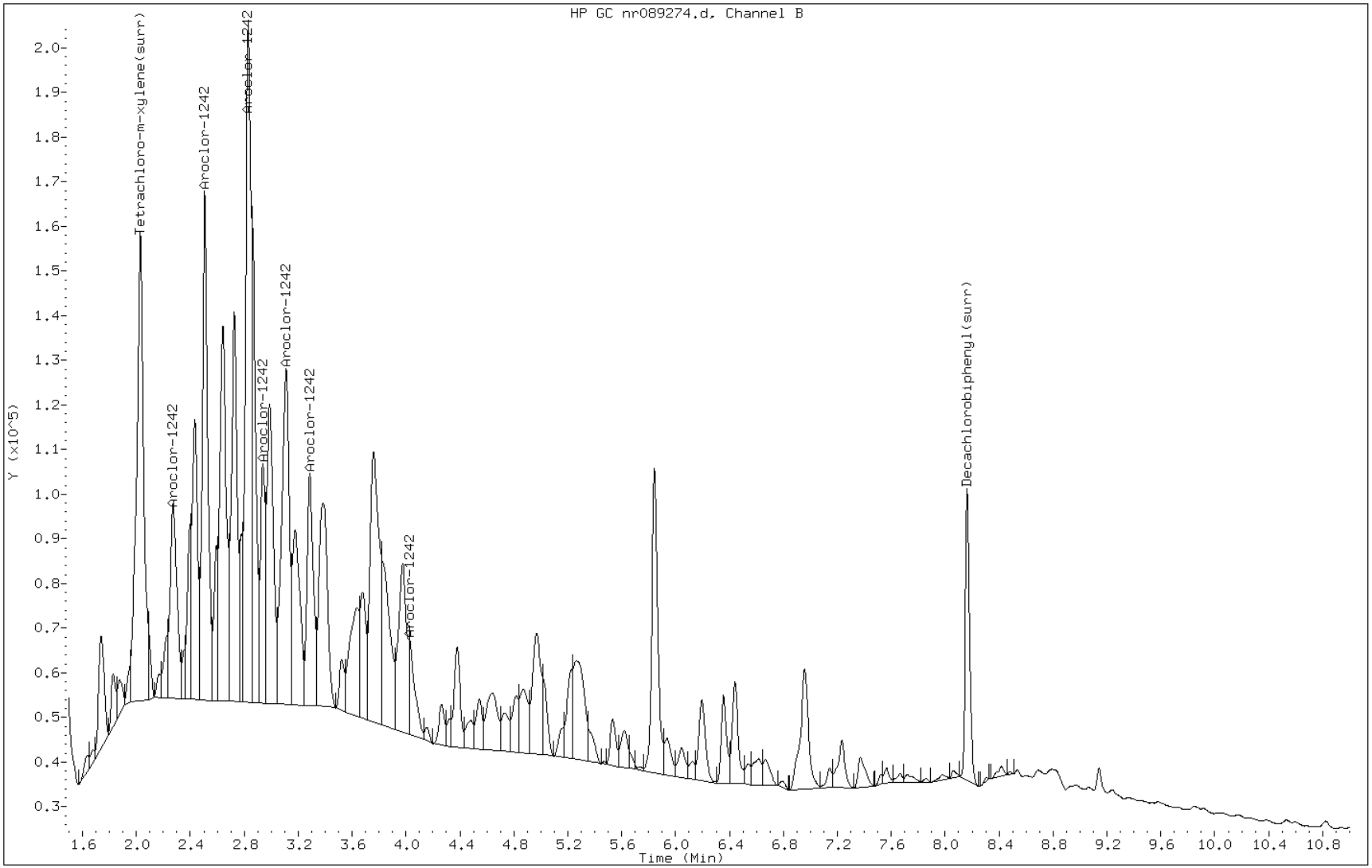
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: nr089274.d

Date: 01-OCT-2010 08:35

Client ID: Instrument: PESTGC6.i

Sample Info: 460-17876-J-1-A Operator:



Manual Integration Report

Data File: nr089274.d
Inj. Date and Time: 01-OCT-2010 08:35
Instrument ID: PESTGC6.i
Client ID:
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 10/04/2010

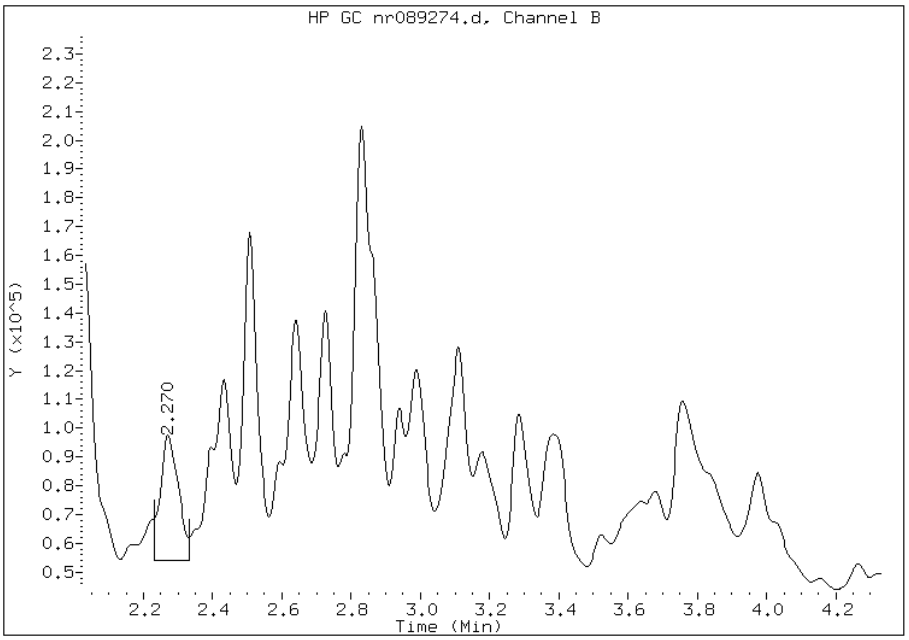
Processing Integration Results

RT: 2.27

Response: 156664

Amount: 1282.34

Conc: 32.00



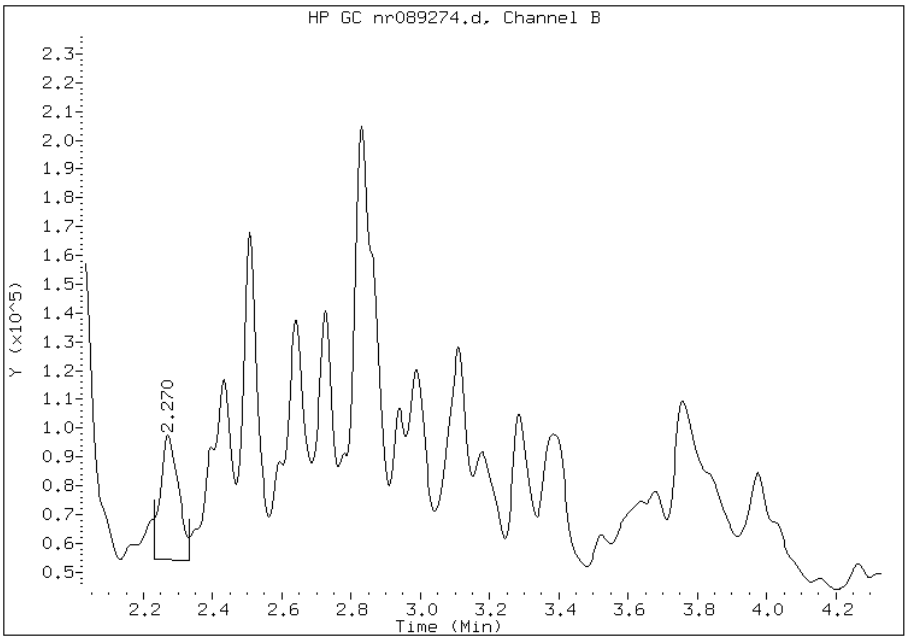
Manual Integration Results

RT: 2.27

Response: 155263

Amount: 1157.85

Conc: 29.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: nr089274.d
Inj. Date and Time: 01-OCT-2010 08:35
Instrument ID: PESTGC6.i
Client ID:
Compound: 28 Tetrachloro-m-xylene(surr)
CAS #: 877-09-8
Report Date: 10/04/2010

Processing Integration Results

Not Detected

Expected RT: 2.03

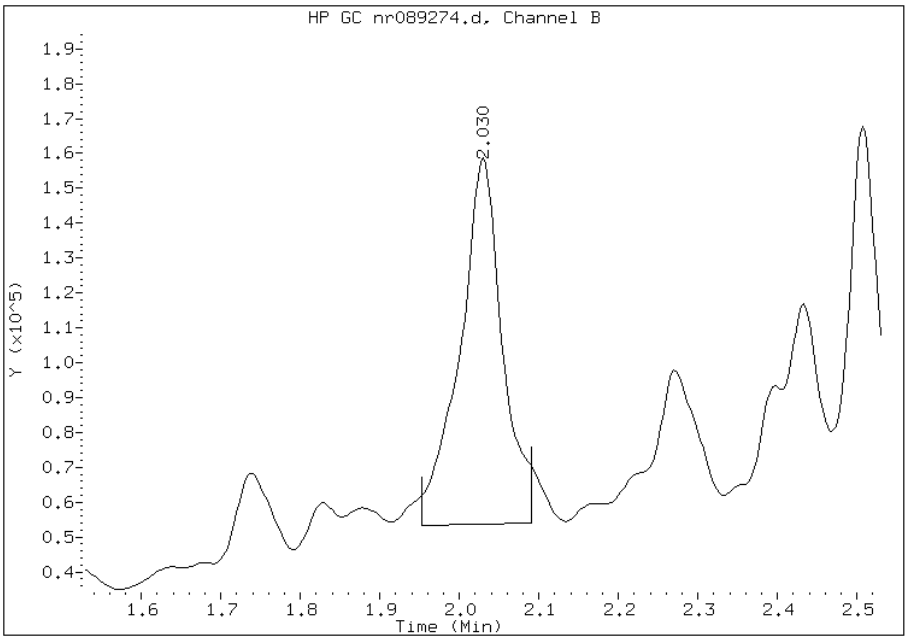
Manual Integration Results

RT: 2.03

Response: 391048

Amount: 69.97

Conc: 1.75



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: nr089274.d
Inj. Date and Time: 01-OCT-2010 08:35
Instrument ID: PESTGC6.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/04/2010

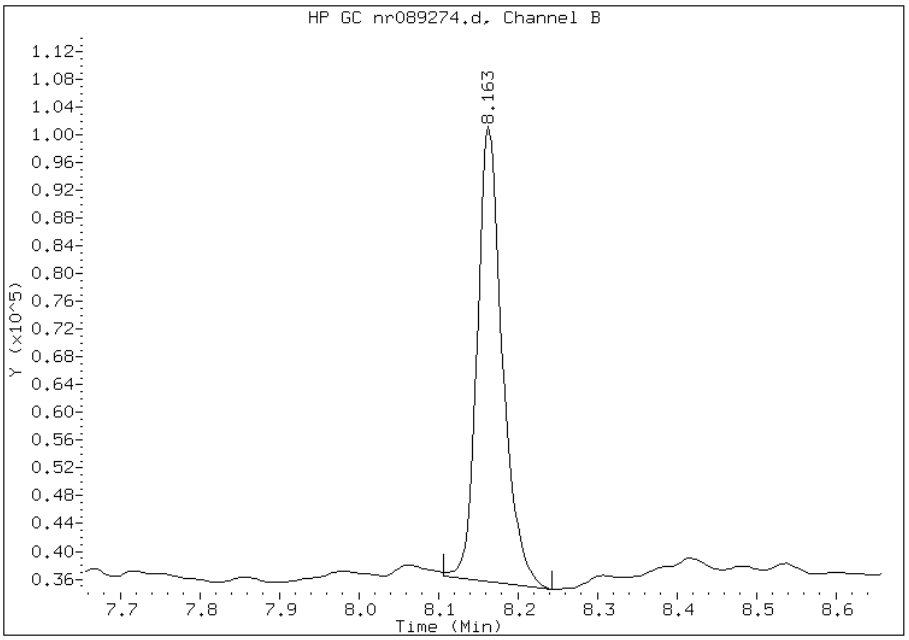
Processing Integration Results

RT: 8.16

Response: 145059

Amount: 35.73

Conc: 0.89



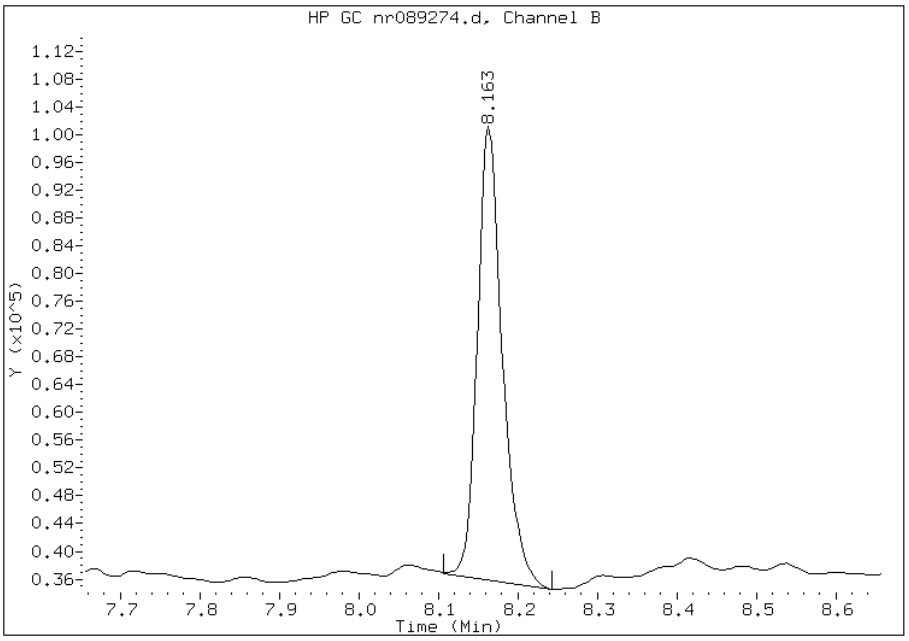
Manual Integration Results

RT: 8.16

Response: 143588

Amount: 35.34

Conc: 0.88



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 14:25 Calibration End Date: 09/28/2010 15:16 Calibration ID: 7957

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/5	nf089060.d
Level 2	IC 460-50390/6	nf089061.d
Level 3	IC 460-50390/7	nf089062.d
Level 4	IC 460-50390/8	nf089063.d
Level 5	IC 460-50390/9	nf089064.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.633	2.633	2.633	2.630	2.630						2.563 - 2.703	2.632
PCB-1016 Peak 2	2.963	2.960	2.960	2.960	2.960						2.890 - 3.030	2.961
PCB-1016 Peak 3	3.177	3.177	3.177	3.173	3.173						3.107 - 3.247	3.175
PCB-1016 Peak 4	3.393	3.390	3.390	3.390	3.387						3.320 - 3.460	3.390
PCB-1016 Peak 5	3.547	3.543	3.543	3.543	3.540						3.473 - 3.613	3.543
PCB-1016 Peak 6	3.860	3.857	3.857	3.853	3.853						3.787 - 3.927	3.856
PCB-1016 Peak 7	4.167	4.163	4.163	4.160	4.160						4.093 - 4.233	4.163
PCB-1016 Peak 8	4.340	4.340	4.337	4.337	4.337						4.267 - 4.407	4.338
PCB-1260 Peak 1	6.057	6.057	6.053	6.053	6.053						5.983 - 6.123	6.055
PCB-1260 Peak 2	6.353	6.353	6.350	6.350	6.350						6.280 - 6.420	6.351
PCB-1260 Peak 3	6.847	6.847	6.847	6.843	6.843						6.777 - 6.917	6.845
PCB-1260 Peak 4	6.973	6.973	6.970	6.970	6.967						6.900 - 7.040	6.971
PCB-1260 Peak 5	7.043	7.043	7.040	7.040	7.040						6.970 - 7.110	7.041
PCB-1260 Peak 6	7.350	7.347	7.347	7.343	7.343						7.277 - 7.417	7.346
PCB-1260 Peak 7	8.023	8.023	8.020	8.020	8.020						7.950 - 8.090	8.021
PCB-1260 Peak 8	8.550	8.550	8.550	8.547	8.547						8.480 - 8.620	8.549

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 14:25 Calibration End Date: 09/28/2010 15:16 Calibration ID: 7957

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/5	nf089060.d
Level 2	IC 460-50390/6	nf089061.d
Level 3	IC 460-50390/7	nf089062.d
Level 4	IC 460-50390/8	nf089063.d
Level 5	IC 460-50390/9	nf089064.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	58.510 41.302	40.638	43.977	41.121	Qua	13	0	0						0.9991		0.9950
PCB-1016 Peak 2	110.80 76.778	76.818	85.833	78.895	Qua	4	0	0						0.9987		0.9950
PCB-1016 Peak 3	48.370 42.595	39.030	46.672	41.161	Qua	3	0	0						0.9970		0.9950
PCB-1016 Peak 4	190.74 159.98	145.71	170.90	161.39	Qua	7	0	0						0.9987		0.9950
PCB-1016 Peak 5	76.520 70.092	62.832	74.423	74.092	Qua	22	0	0						0.9984		0.9950
PCB-1016 Peak 6	48.670 43.673	42.804	44.868	48.491	Qua	22	0	0						0.9971		0.9950
PCB-1016 Peak 7	61.260 48.979	49.746	55.175	59.383	Qua											0.9950
PCB-1016 Peak 8	62.520 56.921	49.746	59.407	61.757	Qua	13	0	0						0.9987		0.9950
PCB-1260 Peak 1	138.62 109.27	108.94	120.81	109.88	Qua	3	0	0						0.9987		0.9950
PCB-1260 Peak 2	162.72 125.71	122.73	137.01	133.42	Qua	9	0	0						0.9991		0.9950
PCB-1260 Peak 3	193.09 175.61	161.12	186.79	182.64	Qua	16	0	0						0.9989		0.9950
PCB-1260 Peak 4	92.870 78.039	74.432	81.114	87.510	Qua	25	0	0						0.9963		0.9950
PCB-1260 Peak 5	51.450 55.484	45.720	53.173	54.761	Qua	17	0	0						0.9992		0.9950
PCB-1260 Peak 6	102.08 87.038	80.134	91.701	88.999	Qua	9	0	0						0.9991		0.9950
PCB-1260 Peak 7	149.25 203.78	113.83	132.84	139.13	Qua	6	0	0						0.9995		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 14:25 Calibration End Date: 09/28/2010 15:16 Calibration ID: 7957

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	49.790 57.115	44.254	54.720	57.363	Qua	29	0	0						0.9981		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 14:25 Calibration End Date: 09/28/2010 15:16 Calibration ID: 7957

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/5	nf089060.d
Level 2	IC 460-50390/6	nf089061.d
Level 3	IC 460-50390/7	nf089062.d
Level 4	IC 460-50390/8	nf089063.d
Level 5	IC 460-50390/9	nf089064.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Qua	5851	20319	43977	61681	103255	100	500	1000	1500	2500
PCB-1016 Peak 2	Qua	11080	38409	85833	118342	191944	100	500	1000	1500	2500
PCB-1016 Peak 3	Qua	4837	19515	46672	61741	106487	100	500	1000	1500	2500
PCB-1016 Peak 4	Qua	19074	72856	170902	242092	399956	100	500	1000	1500	2500
PCB-1016 Peak 5	Qua	7652	31416	74423	111138	175231	100	500	1000	1500	2500
PCB-1016 Peak 6	Qua	4867	21402	44868	72737	109183	100	500	1000	1500	2500
PCB-1016 Peak 7	Qua	6126	24873	55175	89075	122448	100	500	1000	1500	2500
PCB-1016 Peak 8	Qua	6252	24873	59407	92636	142302	100	500	1000	1500	2500
PCB-1260 Peak 1	Qua	13862	54468	120813	164817	273183	100	500	1000	1500	2500
PCB-1260 Peak 2	Qua	16272	61366	137007	200127	314285	100	500	1000	1500	2500
PCB-1260 Peak 3	Qua	19309	80561	186790	273963	439014	100	500	1000	1500	2500
PCB-1260 Peak 4	Qua	9287	37216	81114	131265	195097	100	500	1000	1500	2500
PCB-1260 Peak 5	Qua	5145	22860	53173	82142	138711	100	500	1000	1500	2500
PCB-1260 Peak 6	Qua	10208	40067	91701	133498	217596	100	500	1000	1500	2500
PCB-1260 Peak 7	Qua	14925	56917	132838	208698	509445	100	500	1000	1500	2500
PCB-1260 Peak 8	Qua	4979	22127	54720	86045	142788	100	500	1000	1500	2500

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 14:25 Calibration End Date: 09/28/2010 15:16 Calibration ID: 7968

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/5	nr089060.d
Level 2	IC 460-50390/6	nr089061.d
Level 3	IC 460-50390/7	nr089062.d
Level 4	IC 460-50390/8	nr089063.d
Level 5	IC 460-50390/9	nr089064.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.277	2.270	2.273	2.270	2.270						2.203 - 2.343	2.272
PCB-1016 Peak 2	2.517	2.513	2.513	2.513	2.513						2.443 - 2.583	2.514
PCB-1016 Peak 3	2.650	2.647	2.650	2.647	2.647						2.580 - 2.720	2.648
PCB-1016 Peak 4	2.840	2.837	2.837	2.837	2.837						2.767 - 2.907	2.837
PCB-1016 Peak 5	2.947	2.943	2.943	2.943	2.943						2.873 - 3.013	2.944
PCB-1016 Peak 6	2.993	2.990	2.990	2.990	2.990						2.920 - 3.060	2.991
PCB-1016 Peak 7	3.117	3.107	3.107	3.107	3.107						3.037 - 3.177	3.109
PCB-1016 Peak 8	3.297	3.293	3.293	3.293	3.293						3.223 - 3.363	3.294
PCB-1260 Peak 1	4.820	4.817	4.817	4.813	4.813						4.747 - 4.887	4.816
PCB-1260 Peak 2	5.237	5.233	5.233	5.233	5.233						5.163 - 5.303	5.234
PCB-1260 Peak 3	5.647	5.643	5.643	5.643	5.643						5.573 - 5.713	5.644
PCB-1260 Peak 4	5.793	5.790	5.790	5.790	5.790						5.720 - 5.860	5.791
PCB-1260 Peak 5	6.133	6.130	6.130	6.130	6.130						6.060 - 6.200	6.131
PCB-1260 Peak 6	6.927	6.923	6.927	6.923	6.923						6.857 - 6.997	6.925
PCB-1260 Peak 7	7.030	7.030	7.027	7.027	7.027						6.957 - 7.097	7.028
PCB-1260 Peak 8	7.673	7.670	7.670	7.670	7.670						7.600 - 7.740	7.671

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 14:25 Calibration End Date: 09/28/2010 15:16 Calibration ID: 7968

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/5	nr089060.d
Level 2	IC 460-50390/6	nr089061.d
Level 3	IC 460-50390/7	nr089062.d
Level 4	IC 460-50390/8	nr089063.d
Level 5	IC 460-50390/9	nr089064.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	274.67 120.21	136.58	144.45	131.49	Qua	20	0	0						0.9982		0.9950
PCB-1016 Peak 2	302.50 184.19	199.54	216.15	198.91	Qua	2	0	0						0.9989		0.9950
PCB-1016 Peak 3	219.94 141.65	144.67	161.89	152.47	Qua	3	0	0						0.9987		0.9950
PCB-1016 Peak 4	685.84 421.89	447.62	490.84	448.12	Qua	4	0	0						0.9987		0.9950
PCB-1016 Peak 5	259.32 158.96	168.91	181.18	170.01	Qua	5	0	0						0.9991		0.9950
PCB-1016 Peak 6	194.07 122.78	129.24	144.90	131.07	Qua	1	0	0						0.9984		0.9950
PCB-1016 Peak 7	358.19 186.20	209.88	215.27	198.06	Qua	20	0	0						0.9990		0.9950
PCB-1016 Peak 8	281.39 163.05	178.30	192.45	173.80	Qua	8	0	0						0.9986		0.9950
PCB-1260 Peak 1	398.28 234.46	258.13	277.40	251.71	Qua	6	0	0						0.9988		0.9950
PCB-1260 Peak 2	599.18 397.49	442.07	467.07	430.39	Qua	1	0	0						0.9993		0.9950
PCB-1260 Peak 3	687.73 427.77	462.29	500.95	462.66	Qua	0	0	0						0.9990		0.9950
PCB-1260 Peak 4	364.29 221.87	240.41	260.67	242.03	Qua	1	0	0						0.9989		0.9950
PCB-1260 Peak 5	326.13 217.75	235.39	249.97	235.96	Qua	2	0	0						0.9993		0.9950
PCB-1260 Peak 6	549.60 286.55	337.17	335.81	317.14	Qua	12	0	0						0.9994		0.9950
PCB-1260 Peak 7	222.09 154.96	163.49	191.67	166.63	Qua	13	0	0						0.9971		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 14:25 Calibration End Date: 09/28/2010 15:16 Calibration ID: 7968

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	196.06 136.84	142.42	158.19	148.32	Qua	8	0	0						0.9989		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 14:25 Calibration End Date: 09/28/2010 15:16 Calibration ID: 7968

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/5	nr089060.d
Level 2	IC 460-50390/6	nr089061.d
Level 3	IC 460-50390/7	nr089062.d
Level 4	IC 460-50390/8	nr089063.d
Level 5	IC 460-50390/9	nr089064.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Qua	27467	68290	144451	197240	300531	100	500	1000	1500	2500
PCB-1016 Peak 2	Qua	30250	99772	216145	298359	460463	100	500	1000	1500	2500
PCB-1016 Peak 3	Qua	21994	72334	161888	228699	354135	100	500	1000	1500	2500
PCB-1016 Peak 4	Qua	68584	223811	490843	672175	1054716	100	500	1000	1500	2500
PCB-1016 Peak 5	Qua	25932	84457	181178	255008	397395	100	500	1000	1500	2500
PCB-1016 Peak 6	Qua	19407	64620	144903	196604	306956	100	500	1000	1500	2500
PCB-1016 Peak 7	Qua	35819	104942	215270	297094	465507	100	500	1000	1500	2500
PCB-1016 Peak 8	Qua	28139	89151	192453	260698	407627	100	500	1000	1500	2500
PCB-1260 Peak 1	Qua	39828	129066	277396	377568	586154	100	500	1000	1500	2500
PCB-1260 Peak 2	Qua	59918	221037	467066	645582	993728	100	500	1000	1500	2500
PCB-1260 Peak 3	Qua	68773	231146	500948	693990	1069433	100	500	1000	1500	2500
PCB-1260 Peak 4	Qua	36429	120205	260674	363050	554677	100	500	1000	1500	2500
PCB-1260 Peak 5	Qua	32613	117694	249970	353944	544367	100	500	1000	1500	2500
PCB-1260 Peak 6	Qua	54960	168587	335810	475714	716372	100	500	1000	1500	2500
PCB-1260 Peak 7	Qua	22209	81745	191670	249939	387407	100	500	1000	1500	2500
PCB-1260 Peak 8	Qua	19606	71209	158187	222481	342106	100	500	1000	1500	2500

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 16:24 Calibration End Date: 09/29/2010 07:32 Calibration ID: 7958

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/40	nf089095.d
Level 2	IC 460-50390/14	nf089069.d
Level 3	IC 460-50390/16	nf089071.d
Level 4	IC 460-50390/17	nf089072.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4							RT WINDOW	AVG RT
alpha-BHC	2.760	2.750	2.737	2.740							2.683 - 2.783	2.747
gamma-BHC (Lindane)	3.073	3.060	3.047	3.050							2.993 - 3.093	3.058
beta-BHC	3.147	3.133	3.117	3.120							3.063 - 3.163	3.129
delta-BHC	3.453	3.440	3.423	3.427							3.367 - 3.467	3.436
Heptachlor	3.560	3.543	3.523	3.527							3.467 - 3.567	3.538
Aldrin	4.007	3.990	3.967	3.973							3.910 - 4.010	3.984
Heptachlor epoxide	4.837	4.820	4.793	4.803							4.720 - 4.860	4.813
gamma-Chlordane	5.143	5.123	5.097	5.107							5.023 - 5.163	5.118
alpha-Chlordane	5.387	5.370	5.343	5.350							5.270 - 5.410	5.363
Endosulfan I	5.480	5.463	5.440	5.447							5.367 - 5.507	5.458
4,4'-DDE	5.613	5.600	5.580	5.583							5.507 - 5.647	5.594
Dieldrin	5.860	5.843	5.827	5.830							5.753 - 5.893	5.840
Endrin	6.293	6.277	6.260	6.267							6.187 - 6.327	6.274
4,4'-DDD	6.433	6.417	6.400	6.407							6.330 - 6.470	6.414
Endosulfan II	6.583	6.567	6.550	6.557							6.480 - 6.620	6.564
4,4'-DDT	6.870	6.853	6.840	6.843							6.770 - 6.910	6.852
Endrin aldehyde	7.033	7.017	7.003	7.007							6.933 - 7.073	7.015
Endosulfan sulfate	7.383	7.370	7.357	7.360							7.287 - 7.427	7.368
Methoxychlor	7.703	+++++	7.677	7.680							7.607 - 7.747	7.687
Endrin ketone	7.977	7.957	7.947	7.953							7.880 - 8.020	7.958
Tetrachloro-m-xylene	2.297	2.287	2.273	2.277							2.217 - 2.317	2.283
DCB Decachlorobiphenyl	9.167	9.110	9.100	9.133							9.027 - 9.227	9.128

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 16:24 Calibration End Date: 09/29/2010 07:32 Calibration ID: 7958

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/40	nf089095.d
Level 2	IC 460-50390/14	nf089069.d
Level 3	IC 460-50390/16	nf089071.d
Level 4	IC 460-50390/17	nf089072.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	1317.3	2719.3	2946.9	2867.5	Qua	3	0	0						0.9995		0.9950
gamma-BHC (Lindane)	1320.5	2455.1	2551.7	2411.5	Qua	3	0	0						0.9995		0.9950
beta-BHC	912.75	1336.5	1433.2	1439.3	Qua	2	0	0						0.9997		0.9950
delta-BHC	1227.0	2239.3	2512.4	2447.1	Qua	4	0	0						0.9994		0.9950
Heptachlor	1613.3	2327.0	2672.0	2694.4	Qua	4	0	0						0.9992		0.9950
Aldrin	1240.0	2446.5	2853.2	2836.8	Qua	4	0	0						0.9993		0.9950
Heptachlor epoxide	1428.8	2263.9	2644.5	2636.8	Qua	4	0	0						0.9993		0.9950
gamma-Chlordane	1659.5	2413.5	2764.7	2746.5	Qua	4	0	0						0.9993		0.9950
alpha-Chlordane	1534.5	2312.3	2527.7	2447.2	Qua	3	0	0						0.9995		0.9950
Endosulfan I	1391.0	2194.6	2633.0	2647.1	Qua	5	0	0						0.9991		0.9950
4,4'-DDE	1139.0	2147.6	2535.7	2540.4	Qua	4	0	0						0.9992		0.9950
Dieldrin	1321.8	2287.0	2708.2	2701.1	Qua	5	0	0						0.9992		0.9950
Endrin	1159.0	1932.2	2159.4	2134.3	Qua	4	0	0						0.9990		0.9950
4,4'-DDD	933.75	1749.8	1991.6	1993.5	Qua	4	0	0						0.9992		0.9950
Endosulfan II	1272.0	2068.4	2316.3	2317.1	Qua	3	0	0						0.9994		0.9950
4,4'-DDT	1066.3	1843.5	2107.1	2126.2	Qua	4	0	0						0.9993		0.9950
Endrin aldehyde	1390.3	1804.6	1912.6	1876.0	Qua	2	0	0						0.9996		0.9950
Endosulfan sulfate	1132.3	1793.7	2049.3	2071.6	Qua	4	0	0						0.9993		0.9950
Methoxychlor	695.75	+++++	1034.4	1030.9	Qua	3	0	0						0.9996		0.9950
Endrin ketone	1557.0	2319.3	2467.6	2421.4	Qua	3	0	0						0.9995		0.9950
Tetrachloro-m-xylene	1908.3	2029.1	2016.3	1930.4	Qua	0	0	0						0.9984		0.9950
DCB Decachlorobiphenyl	2180.1	2022.4	1960.5	1837.6	Qua	1	0	0						0.9992		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 16:24 Calibration End Date: 09/29/2010 07:32 Calibration ID: 7958

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/40	nf089095.d
Level 2	IC 460-50390/14	nf089069.d
Level 3	IC 460-50390/16	nf089071.d
Level 4	IC 460-50390/17	nf089072.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4		LVL 1	LVL 2	LVL 3	LVL 4	
alpha-BHC	Qua	5269	135964	736720	1433731		4.00	50.0	250	500	
gamma-BHC (Lindane)	Qua	5282	122753	637930	1205745		4.00	50.0	250	500	
beta-BHC	Qua	3651	66827	358310	719667		4.00	50.0	250	500	
delta-BHC	Qua	4908	111965	628097	1223574		4.00	50.0	250	500	
Heptachlor	Qua	6453	116349	667993	1347211		4.00	50.0	250	500	
Aldrin	Qua	4960	122323	713296	1418393		4.00	50.0	250	500	
Heptachlor epoxide	Qua	5715	113195	661130	1318395		4.00	50.0	250	500	
gamma-Chlordane	Qua	6638	120676	691177	1373249		4.00	50.0	250	500	
alpha-Chlordane	Qua	6138	115615	631931	1223581		4.00	50.0	250	500	
Endosulfan I	Qua	5564	109729	658245	1323570		4.00	50.0	250	500	
4,4'-DDE	Qua	4556	107379	633918	1270222		4.00	50.0	250	500	
Dieldrin	Qua	5287	114352	677038	1350548		4.00	50.0	250	500	
Endrin	Qua	4636	96612	539839	1067134		4.00	50.0	250	500	
4,4'-DDD	Qua	3735	87491	497909	996766		4.00	50.0	250	500	
Endosulfan II	Qua	5088	103419	579065	1158525		4.00	50.0	250	500	
4,4'-DDT	Qua	4265	92176	526775	1063120		4.00	50.0	250	500	
Endrin aldehyde	Qua	5561	90229	478156	937978		4.00	50.0	250	500	
Endosulfan sulfate	Qua	4529	89683	512322	1035815		4.00	50.0	250	500	
Methoxychlor	Qua	2783	+++++	258600	515472		4.00	+++++	250	500	
Endrin ketone	Qua	6228	115966	616888	1210717		4.00	50.0	250	500	
Tetrachloro-m-xylene	Qua	19083	101455	302450	386082		10.0	50.0	150	200	
DCB Decachlorobiphenyl	Qua	21801	101121	294077	367527		10.0	50.0	150	200	

Curve Type Legend:

Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 16:24 Calibration End Date: 09/29/2010 07:32 Calibration ID: 7969

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/40	nr089095.d
Level 2	IC 460-50390/14	nr089069.d
Level 3	IC 460-50390/16	nr089071.d
Level 4	IC 460-50390/17	nr089072.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4							RT WINDOW	AVG RT
alpha-BHC	2.403	2.403	2.410	2.407							2.353 - 2.453	2.406
gamma-BHC (Lindane)	2.623	2.623	2.630	2.627							2.573 - 2.673	2.626
beta-BHC	2.683	2.680	2.690	2.687							2.633 - 2.733	2.685
delta-BHC	2.817	2.813	2.820	2.820							2.767 - 2.867	2.818
Heptachlor	2.990	2.987	2.993	2.990							2.940 - 3.040	2.990
Aldrin	3.257	3.253	3.260	3.260							3.207 - 3.307	3.258
Heptachlor epoxide	3.957	3.953	3.960	3.957							3.887 - 4.027	3.957
gamma-Chlordane	4.117	4.117	4.123	4.120							4.050 - 4.190	4.119
alpha-Chlordane	4.300	4.293	4.300	4.300							4.227 - 4.367	4.298
4,4'-DDE	4.400	4.397	4.400	4.400							4.330 - 4.470	4.399
Endosulfan I	4.487	4.483	4.487	4.487							4.413 - 4.553	4.486
Dieldrin	4.827	4.823	4.827	4.827							4.753 - 4.893	4.826
Endrin	5.180	5.173	5.180	5.177							5.107 - 5.247	5.178
4,4'-DDD	5.277	5.273	5.277	5.277							5.203 - 5.343	5.276
Endosulfan II	5.520	5.513	5.517	5.517							5.447 - 5.587	5.517
4,4'-DDT	5.680	5.677	5.677	5.677							5.607 - 5.747	5.678
Endrin aldehyde	6.080	6.073	6.077	6.077							6.007 - 6.147	6.077
Methoxychlor	6.347	6.340	6.343	6.343							6.273 - 6.413	6.343
Endosulfan sulfate	6.663	6.660	6.660	6.660							6.590 - 6.730	6.661
Endrin ketone	7.030	7.023	7.023	7.023							6.953 - 7.093	7.025
Tetrachloro-m-xylene	2.023	2.020	2.030	2.027							1.970 - 2.070	2.025
DCB Decachlorobiphenyl	8.177	8.153	8.153	8.163							8.063 - 8.263	8.162

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 16:24 Calibration End Date: 09/29/2010 07:32 Calibration ID: 7969

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/40	nr089095.d
Level 2	IC 460-50390/14	nr089069.d
Level 3	IC 460-50390/16	nr089071.d
Level 4	IC 460-50390/17	nr089072.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	6899.3	8550.3	7612.7	7509.7	Qua	1	0	0						0.9998		0.9950
gamma-BHC (Lindane)	6931.0	7584.3	6607.7	6540.3	Qua	2	0	0						0.9998		0.9950
beta-BHC	3904.8	3892.1	3245.7	2961.3	Qua	1	0	0						0.9998		0.9950
delta-BHC	5809.5	7397.4	6659.1	6497.9	Qua	0	0	0						0.9998		0.9950
Heptachlor	7118.3	7617.5	6475.1	6212.3	Qua	1	0	0						0.9998		0.9950
Aldrin	5901.3	7263.9	6313.0	5998.7	Qua	1	0	0						0.9998		0.9950
Heptachlor epoxide	6477.8	7240.4	6128.0	5689.8	Qua	1	0	0						0.9998		0.9950
gamma-Chlordane	12043	7309.3	6057.2	5672.6	Qua	3	0	0						0.9998		0.9950
alpha-Chlordane	6338.8	6927.0	5789.8	5435.0	Qua	1	0	0						0.9998		0.9950
4,4'-DDE	5679.5	6903.4	5982.8	5545.7	Qua	0	0	0						0.9998		0.9950
Endosulfan I	5989.0	7050.5	5861.1	5443.8	Qua	1	0	0						0.9998		0.9950
Dieldrin	5755.0	7504.3	6406.9	5961.3	Qua	0	0	0						0.9998		0.9950
Endrin	5118.5	6829.3	5726.3	5243.1	Qua	0	0	0						0.9996		0.9950
4,4'-DDD	4475.3	6228.2	5375.7	5021.1	Qua	0	0	0						0.9998		0.9950
Endosulfan II	5684.3	6429.3	5356.9	4972.2	Qua	1	0	0						0.9998		0.9950
4,4'-DDT	4972.5	6068.3	5234.9	4963.7	Qua	1	0	0						0.9998		0.9950
Endrin aldehyde	4480.0	5155.8	4443.7	4126.6	Qua	1	0	0						0.9999		0.9950
Methoxychlor	3125.5	3650.3	2895.4	2663.1	Qua	1	0	0						0.9997		0.9950
Endosulfan sulfate	4775.0	5747.3	4759.1	4465.9	Qua	1	0	0						0.9997		0.9950
Endrin ketone	5262.5	6516.9	5448.1	5133.4	Qua	1	0	0						0.9997		0.9950
Tetrachloro-m-xylene	6445.7	6101.3	5485.7	5267.6	Qua	1	0	0						0.9982		0.9950
DCB Decachlorobiphenyl	4879.2	4052.9	3652.1	3332.2	Qua	1	0	0						0.9976		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 16:24 Calibration End Date: 09/29/2010 07:32 Calibration ID: 7969

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/40	nr089095.d
Level 2	IC 460-50390/14	nr089069.d
Level 3	IC 460-50390/16	nr089071.d
Level 4	IC 460-50390/17	nr089072.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4		LVL 1	LVL 2	LVL 3	LVL 4	
alpha-BHC	Qua	27597	427517	1903187	3754866		4.00	50.0	250	500	
gamma-BHC (Lindane)	Qua	27724	379216	1651921	3270144		4.00	50.0	250	500	
beta-BHC	Qua	15619	194605	811437	1480654		4.00	50.0	250	500	
delta-BHC	Qua	23238	369868	1664769	3248961		4.00	50.0	250	500	
Heptachlor	Qua	28473	380876	1618785	3106132		4.00	50.0	250	500	
Aldrin	Qua	23605	363197	1578247	2999361		4.00	50.0	250	500	
Heptachlor epoxide	Qua	25911	362021	1532004	2844905		4.00	50.0	250	500	
gamma-Chlordane	Qua	48173	365465	1514288	2836279		4.00	50.0	250	500	
alpha-Chlordane	Qua	25355	346349	1447448	2717489		4.00	50.0	250	500	
4,4'-DDE	Qua	22718	345168	1495706	2772872		4.00	50.0	250	500	
Endosulfan I	Qua	23956	352526	1465276	2721914		4.00	50.0	250	500	
Dieldrin	Qua	23020	375213	1601735	2980641		4.00	50.0	250	500	
Endrin	Qua	20474	341464	1431576	2621559		4.00	50.0	250	500	
4,4'-DDD	Qua	17901	311409	1343923	2510530		4.00	50.0	250	500	
Endosulfan II	Qua	22737	321463	1339233	2486097		4.00	50.0	250	500	
4,4'-DDT	Qua	19890	303414	1308732	2481874		4.00	50.0	250	500	
Endrin aldehyde	Qua	17920	257789	1110930	2063290		4.00	50.0	250	500	
Methoxychlor	Qua	12502	182516	723840	1331566		4.00	50.0	250	500	
Endosulfan sulfate	Qua	19100	287367	1189768	2232941		4.00	50.0	250	500	
Endrin ketone	Qua	21050	325845	1362023	2566715		4.00	50.0	250	500	
Tetrachloro-m-xylene	Qua	64457	305067	822854	1053523		10.0	50.0	150	200	
DCB Decachlorobiphenyl	Qua	48792	202647	547820	666441		10.0	50.0	150	200	

Curve Type Legend:

Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 17:28 Calibration End Date: 09/28/2010 18:19 Calibration ID: 7959

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/19	nf089074.d
Level 2	IC 460-50390/20	nf089075.d
Level 3	IC 460-50390/21	nf089076.d
Level 4	IC 460-50390/22	nf089077.d
Level 5	IC 460-50390/23	nf089078.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1242 Peak 1	2.633	2.630	2.630	2.627	2.630						2.560 - 2.700	2.630
PCB-1242 Peak 2	2.960	2.957	2.957	2.953	2.957						2.887 - 3.027	2.957
PCB-1242 Peak 3	3.173	3.170	3.170	3.167	3.170						3.100 - 3.240	3.170
PCB-1242 Peak 4	3.387	3.383	3.383	3.380	3.383						3.313 - 3.453	3.383
PCB-1242 Peak 5	3.540	3.537	3.537	3.533	3.537						3.467 - 3.607	3.537
PCB-1242 Peak 6	3.793	3.790	3.790	3.787	3.790						3.720 - 3.860	3.790
PCB-1242 Peak 7	4.333	4.333	4.333	4.333	4.333						4.263 - 4.403	4.333
PCB-1242 Peak 8	4.777	4.777	4.777	4.777	4.773						4.707 - 4.847	4.776

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 17:28 Calibration End Date: 09/28/2010 18:19 Calibration ID: 7959

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/19	nf089074.d
Level 2	IC 460-50390/20	nf089075.d
Level 3	IC 460-50390/21	nf089076.d
Level 4	IC 460-50390/22	nf089077.d
Level 5	IC 460-50390/23	nf089078.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	49.790 34.894	40.702	37.682	37.275	Qua	11	0	0						0.9998		0.9950
PCB-1242 Peak 2	89.920 62.259	76.830	69.224	66.525	Qua	8	0	0						0.9997		0.9950
PCB-1242 Peak 3	38.910 34.947	39.206	36.177	36.698	Qua	2	0	0						0.9997		0.9950
PCB-1242 Peak 4	141.34 126.42	138.67	133.15	131.20	Qua	2	0	0						1.0000		0.9950
PCB-1242 Peak 5	59.080 55.594	61.984	58.983	57.908	Qua	0	0	0						1.0000		0.9950
PCB-1242 Peak 6	32.240 25.962	31.502	28.398	28.355	Qua	1	0	0						0.9996		0.9950
PCB-1242 Peak 7	58.080 55.881	56.868	57.621	57.342	Qua	4	0	0						1.0000		0.9950
PCB-1242 Peak 8	67.850 63.844	63.670	60.763	64.394	Qua	2	0	0						0.9996		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 17:28 Calibration End Date: 09/28/2010 18:19 Calibration ID: 7959

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/19	nf089074.d
Level 2	IC 460-50390/20	nf089075.d
Level 3	IC 460-50390/21	nf089076.d
Level 4	IC 460-50390/22	nf089077.d
Level 5	IC 460-50390/23	nf089078.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Qua	4979	20351	37682	55912	87236	100	500	1000	1500	2500
PCB-1242 Peak 2	Qua	8992	38415	69224	99787	155648	100	500	1000	1500	2500
PCB-1242 Peak 3	Qua	3891	19603	36177	55047	87367	100	500	1000	1500	2500
PCB-1242 Peak 4	Qua	14134	69333	133145	196796	316040	100	500	1000	1500	2500
PCB-1242 Peak 5	Qua	5908	30992	58983	86862	138986	100	500	1000	1500	2500
PCB-1242 Peak 6	Qua	3224	15751	28398	42532	64905	100	500	1000	1500	2500
PCB-1242 Peak 7	Qua	5808	28434	57621	86013	139703	100	500	1000	1500	2500
PCB-1242 Peak 8	Qua	6785	31835	60763	96591	159611	100	500	1000	1500	2500

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 17:28 Calibration End Date: 09/28/2010 18:19 Calibration ID: 7970

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/19	nr089074.d
Level 2	IC 460-50390/20	nr089075.d
Level 3	IC 460-50390/21	nr089076.d
Level 4	IC 460-50390/22	nr089077.d
Level 5	IC 460-50390/23	nr089078.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1242 Peak 1	2.270	2.267	2.270	2.267	2.267						2.200 - 2.340	2.268
PCB-1242 Peak 2	2.510	2.510	2.510	2.510	2.510						2.440 - 2.580	2.510
PCB-1242 Peak 3	2.647	2.643	2.647	2.643	2.643						2.577 - 2.717	2.645
PCB-1242 Peak 4	2.833	2.833	2.833	2.830	2.833						2.763 - 2.903	2.833
PCB-1242 Peak 5	2.940	2.940	2.940	2.940	2.940						2.870 - 3.010	2.940
PCB-1242 Peak 6	3.107	3.103	3.103	3.103	3.103						3.033 - 3.173	3.104
PCB-1242 Peak 7	3.293	3.290	3.290	3.290	3.290						3.220 - 3.360	3.291
PCB-1242 Peak 8	4.037	4.037	4.037	4.033	4.033						3.967 - 4.107	4.035

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 17:28 Calibration End Date: 09/28/2010 18:19 Calibration ID: 7970

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/19	nr089074.d
Level 2	IC 460-50390/20	nr089075.d
Level 3	IC 460-50390/21	nr089076.d
Level 4	IC 460-50390/22	nr089077.d
Level 5	IC 460-50390/23	nr089078.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	195.29 101.71	136.66	130.33	112.71	Qua	11	0	0						0.9989		0.9950
PCB-1242 Peak 2	257.61 152.70	200.23	180.64	169.13	Qua	12	0	0						0.9999		0.9950
PCB-1242 Peak 3	196.09 120.73	155.68	139.62	132.58	Qua	13	0	0						0.9999		0.9950
PCB-1242 Peak 4	573.75 347.30	448.60	402.81	375.35	Qua	18	0	0						0.9997		0.9950
PCB-1242 Peak 5	220.75 132.33	171.72	149.35	144.34	Qua	19	0	0						0.9996		0.9950
PCB-1242 Peak 6	344.08 209.45	272.26	244.47	226.95	Qua	17	0	0						0.9997		0.9950
PCB-1242 Peak 7	238.07 143.82	189.27	167.20	158.25	Qua	14	0	0						0.9998		0.9950
PCB-1242 Peak 8	200.26 124.03	159.65	144.11	139.37	Qua	6	0	0						0.9997		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 17:28 Calibration End Date: 09/28/2010 18:19 Calibration ID: 7970

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/19	nr089074.d
Level 2	IC 460-50390/20	nr089075.d
Level 3	IC 460-50390/21	nr089076.d
Level 4	IC 460-50390/22	nr089077.d
Level 5	IC 460-50390/23	nr089078.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Qua	19529	68332	130330	169064	254275	100	500	1000	1500	2500
PCB-1242 Peak 2	Qua	25761	100117	180641	253701	381748	100	500	1000	1500	2500
PCB-1242 Peak 3	Qua	19609	77841	139619	198876	301832	100	500	1000	1500	2500
PCB-1242 Peak 4	Qua	57375	224298	402806	563029	868257	100	500	1000	1500	2500
PCB-1242 Peak 5	Qua	22075	85858	149349	216503	330813	100	500	1000	1500	2500
PCB-1242 Peak 6	Qua	34408	136128	244468	340431	523616	100	500	1000	1500	2500
PCB-1242 Peak 7	Qua	23807	94636	167199	237371	359561	100	500	1000	1500	2500
PCB-1242 Peak 8	Qua	20026	79826	144112	209061	310084	100	500	1000	1500	2500

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:31 Calibration End Date: 09/28/2010 18:31 Calibration ID: 7960

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/24	nf089079.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.927										1.857 - 1.997	1.927
PCB-1221 Peak 2	2.193										2.123 - 2.263	2.193
PCB-1221 Peak 3	2.480										2.410 - 2.550	2.480
PCB-1221 Peak 4	2.583										2.513 - 2.653	2.583
PCB-1221 Peak 5	2.630										2.560 - 2.700	2.630
PCB-1221 Peak 6	3.000										2.930 - 3.070	3.000
PCB-1221 Peak 7	3.173										3.103 - 3.243	3.173
PCB-1221 Peak 8	3.383										3.313 - 3.453	3.383

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:31 Calibration End Date: 09/28/2010 18:31 Calibration ID: 7960

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/24	nf089079.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	22.312				Qua		0							1.0000		0.9950
PCB-1221 Peak 2	5.9000				Qua		0							1.0000		0.9950
PCB-1221 Peak 3	23.256				Qua		0							1.0000		0.9950
PCB-1221 Peak 4	14.282				Qua		0							1.0000		0.9950
PCB-1221 Peak 5	65.711				Qua		0							1.0000		0.9950
PCB-1221 Peak 6	11.345				Qua		0							1.0000		0.9950
PCB-1221 Peak 7	4.0490				Qua		0							1.0000		0.9950
PCB-1221 Peak 8	9.6630				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:31 Calibration End Date: 09/28/2010 18:31 Calibration ID: 7960

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/24	nf089079.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Qua	22312					1000				
PCB-1221 Peak 2	Qua	5900					1000				
PCB-1221 Peak 3	Qua	23256					1000				
PCB-1221 Peak 4	Qua	14282					1000				
PCB-1221 Peak 5	Qua	65711					1000				
PCB-1221 Peak 6	Qua	11345					1000				
PCB-1221 Peak 7	Qua	4049					1000				
PCB-1221 Peak 8	Qua	9663					1000				

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:31 Calibration End Date: 09/28/2010 18:31 Calibration ID: 7971

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/24	nr089079.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.677										1.607 - 1.747	1.677
PCB-1221 Peak 2	1.930										1.860 - 2.000	1.930
PCB-1221 Peak 3	2.137										2.067 - 2.207	2.137
PCB-1221 Peak 4	2.267										2.197 - 2.337	2.267
PCB-1221 Peak 5	2.550										2.480 - 2.620	2.550
PCB-1221 Peak 6	2.593										2.523 - 2.663	2.593
PCB-1221 Peak 7	2.643										2.573 - 2.713	2.643
PCB-1221 Peak 8	2.833										2.763 - 2.903	2.833

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:31 Calibration End Date: 09/28/2010 18:31 Calibration ID: 7971

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/24	nr089079.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	58.305				Qua		0							1.0000		0.9950
PCB-1221 Peak 2	18.592				Qua		0							1.0000		0.9950
PCB-1221 Peak 3	75.355				Qua		0							1.0000		0.9950
PCB-1221 Peak 4	219.61				Qua		0							1.0000		0.9950
PCB-1221 Peak 5	18.000				Qua		0							1.0000		0.9950
PCB-1221 Peak 6	30.218				Qua		0							1.0000		0.9950
PCB-1221 Peak 7	17.211				Qua		0							1.0000		0.9950
PCB-1221 Peak 8	39.882				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:31 Calibration End Date: 09/28/2010 18:31 Calibration ID: 7971

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/24	nr089079.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Qua	58305					1000				
PCB-1221 Peak 2	Qua	18592					1000				
PCB-1221 Peak 3	Qua	75355					1000				
PCB-1221 Peak 4	Qua	219606					1000				
PCB-1221 Peak 5	Qua	18000					1000				
PCB-1221 Peak 6	Qua	30218					1000				
PCB-1221 Peak 7	Qua	17211					1000				
PCB-1221 Peak 8	Qua	39882					1000				

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:44 Calibration End Date: 09/28/2010 18:44 Calibration ID: 7961

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/25	nf089080.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.623										2.553 - 2.693	2.623
PCB-1232 Peak 2	2.950										2.880 - 3.020	2.950
PCB-1232 Peak 3	3.167										3.097 - 3.237	3.167
PCB-1232 Peak 4	3.530										3.460 - 3.600	3.530
PCB-1232 Peak 5	3.660										3.590 - 3.730	3.660
PCB-1232 Peak 6	3.783										3.713 - 3.853	3.783
PCB-1232 Peak 7	4.150										4.080 - 4.220	4.150
PCB-1232 Peak 8	4.327										4.257 - 4.397	4.327

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:44 Calibration End Date: 09/28/2010 18:44 Calibration ID: 7961

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/25	nf089080.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	61.242				Qua		0							1.0000		0.9950
PCB-1232 Peak 2	56.209				Qua		0							1.0000		0.9950
PCB-1232 Peak 3	35.092				Qua		0							1.0000		0.9950
PCB-1232 Peak 4	44.669				Qua		0							1.0000		0.9950
PCB-1232 Peak 5	30.138				Qua		0							1.0000		0.9950
PCB-1232 Peak 6	25.024				Qua		0							1.0000		0.9950
PCB-1232 Peak 7	36.673				Qua		0							1.0000		0.9950
PCB-1232 Peak 8	44.078				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:44 Calibration End Date: 09/28/2010 18:44 Calibration ID: 7961

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/25	nf089080.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Qua	61242					1000				
PCB-1232 Peak 2	Qua	56209					1000				
PCB-1232 Peak 3	Qua	35092					1000				
PCB-1232 Peak 4	Qua	44669					1000				
PCB-1232 Peak 5	Qua	30138					1000				
PCB-1232 Peak 6	Qua	25024					1000				
PCB-1232 Peak 7	Qua	36673					1000				
PCB-1232 Peak 8	Qua	44078					1000				

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:44 Calibration End Date: 09/28/2010 18:44 Calibration ID: 7972

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/25	nr089080.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.260										2.190 - 2.330	2.260
PCB-1232 Peak 2	2.503										2.433 - 2.573	2.503
PCB-1232 Peak 3	2.640										2.570 - 2.710	2.640
PCB-1232 Peak 4	2.827										2.757 - 2.897	2.827
PCB-1232 Peak 5	2.933										2.863 - 3.003	2.933
PCB-1232 Peak 6	2.983										2.913 - 3.053	2.983
PCB-1232 Peak 7	3.287										3.217 - 3.357	3.287
PCB-1232 Peak 8	3.640										3.570 - 3.710	3.640

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:44 Calibration End Date: 09/28/2010 18:44 Calibration ID: 7972

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/25	nr089080.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	208.14				Qua		0							1.0000		0.9950
PCB-1232 Peak 2	152.16				Qua		0							1.0000		0.9950
PCB-1232 Peak 3	114.12				Qua		0							1.0000		0.9950
PCB-1232 Peak 4	315.08				Qua		0							1.0000		0.9950
PCB-1232 Peak 5	122.60				Qua		0							1.0000		0.9950
PCB-1232 Peak 6	90.852				Qua		0							1.0000		0.9950
PCB-1232 Peak 7	138.87				Qua		0							1.0000		0.9950
PCB-1232 Peak 8	71.482				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 18:44 Calibration End Date: 09/28/2010 18:44 Calibration ID: 7972

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/25	nr089080.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Qua	208138					1000				
PCB-1232 Peak 2	Qua	152156					1000				
PCB-1232 Peak 3	Qua	114118					1000				
PCB-1232 Peak 4	Qua	315076					1000				
PCB-1232 Peak 5	Qua	122600					1000				
PCB-1232 Peak 6	Qua	90852					1000				
PCB-1232 Peak 7	Qua	138866					1000				
PCB-1232 Peak 8	Qua	71482					1000				

Curve Type Legend:

Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:10 Calibration End Date: 09/28/2010 19:10 Calibration ID: 7963

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/27	nf089082.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	3.790										3.720 - 3.860	3.790
PCB-1254 Peak 2	4.767										4.697 - 4.837	4.767
PCB-1254 Peak 3	5.060										4.990 - 5.130	5.060
PCB-1254 Peak 4	5.610										5.540 - 5.680	5.610
PCB-1254 Peak 5	5.770										5.700 - 5.840	5.770
PCB-1254 Peak 6	6.583										6.513 - 6.653	6.583
PCB-1254 Peak 7	6.843										6.773 - 6.913	6.843
PCB-1254 Peak 8	7.310										7.240 - 7.380	7.310

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:10 Calibration End Date: 09/28/2010 19:10 Calibration ID: 7963

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/27	nf089082.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	46.010				Qua		0							1.0000		0.9950
PCB-1254 Peak 2	98.811				Qua		0							1.0000		0.9950
PCB-1254 Peak 3	102.87				Qua		0							1.0000		0.9950
PCB-1254 Peak 4	76.705				Qua		0							1.0000		0.9950
PCB-1254 Peak 5	166.77				Qua		0							1.0000		0.9950
PCB-1254 Peak 6	115.61				Qua		0							1.0000		0.9950
PCB-1254 Peak 7	154.56				Qua		0							1.0000		0.9950
PCB-1254 Peak 8	42.713				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:10 Calibration End Date: 09/28/2010 19:10 Calibration ID: 7963

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/27	nf089082.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Qua	46010					1000				
PCB-1254 Peak 2	Qua	98811					1000				
PCB-1254 Peak 3	Qua	102869					1000				
PCB-1254 Peak 4	Qua	76705					1000				
PCB-1254 Peak 5	Qua	166772					1000				
PCB-1254 Peak 6	Qua	115606					1000				
PCB-1254 Peak 7	Qua	154559					1000				
PCB-1254 Peak 8	Qua	42713					1000				

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:10 Calibration End Date: 09/28/2010 19:10 Calibration ID: 7974

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/27	nr089082.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	3.700										3.630 - 3.770	3.700
PCB-1254 Peak 2	3.750										3.680 - 3.820	3.750
PCB-1254 Peak 3	3.973										3.903 - 4.043	3.973
PCB-1254 Peak 4	4.387										4.317 - 4.457	4.387
PCB-1254 Peak 5	4.553										4.483 - 4.623	4.553
PCB-1254 Peak 6	4.953										4.883 - 5.023	4.953
PCB-1254 Peak 7	5.233										5.163 - 5.303	5.233
PCB-1254 Peak 8	5.643										5.573 - 5.713	5.643

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:10 Calibration End Date: 09/28/2010 19:10 Calibration ID: 7974

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/27	nr089082.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	216.79				Qua		0							1.0000		0.9950
PCB-1254 Peak 2	181.00				Qua		0							1.0000		0.9950
PCB-1254 Peak 3	52.273				Qua		0							1.0000		0.9950
PCB-1254 Peak 4	249.87				Qua		0							1.0000		0.9950
PCB-1254 Peak 5	409.58				Qua		0							1.0000		0.9950
PCB-1254 Peak 6	306.16				Qua		0							1.0000		0.9950
PCB-1254 Peak 7	311.95				Qua		0							1.0000		0.9950
PCB-1254 Peak 8	401.58				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:10 Calibration End Date: 09/28/2010 19:10 Calibration ID: 7974

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/27	nr089082.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Qua	216787					1000				
PCB-1254 Peak 2	Qua	180998					1000				
PCB-1254 Peak 3	Qua	52273					1000				
PCB-1254 Peak 4	Qua	249872					1000				
PCB-1254 Peak 5	Qua	409584					1000				
PCB-1254 Peak 6	Qua	306162					1000				
PCB-1254 Peak 7	Qua	311953					1000				
PCB-1254 Peak 8	Qua	401577					1000				

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:22 Calibration End Date: 09/28/2010 19:22 Calibration ID: 7964

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/28	nf089083.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.053										5.983 - 6.123	6.053
PCB-1262 Peak 2	6.350										6.280 - 6.420	6.350
PCB-1262 Peak 3	6.967										6.897 - 7.037	6.967
PCB-1262 Peak 4	7.347										7.277 - 7.417	7.347
PCB-1262 Peak 5	8.027										7.957 - 8.097	8.027
PCB-1262 Peak 6	8.070										8.000 - 8.140	8.070
PCB-1262 Peak 7	8.587										8.517 - 8.657	8.587
PCB-1262 Peak 8	8.883										8.813 - 8.953	8.883

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:22 Calibration End Date: 09/28/2010 19:22 Calibration ID: 7964

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/28	nf089083.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	93.274				Qua		0							1.0000		0.9950
PCB-1262 Peak 2	106.30				Qua		0							1.0000		0.9950
PCB-1262 Peak 3	131.64				Qua		0							1.0000		0.9950
PCB-1262 Peak 4	121.53				Qua		0							1.0000		0.9950
PCB-1262 Peak 5	142.32				Qua		0							1.0000		0.9950
PCB-1262 Peak 6	160.78				Qua		0							1.0000		0.9950
PCB-1262 Peak 7	96.773				Qua		0							1.0000		0.9950
PCB-1262 Peak 8	34.639				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:22 Calibration End Date: 09/28/2010 19:22 Calibration ID: 7964

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/28	nf089083.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Qua	93274					1000				
PCB-1262 Peak 2	Qua	106297					1000				
PCB-1262 Peak 3	Qua	131642					1000				
PCB-1262 Peak 4	Qua	121532					1000				
PCB-1262 Peak 5	Qua	142318					1000				
PCB-1262 Peak 6	Qua	160777					1000				
PCB-1262 Peak 7	Qua	96773					1000				
PCB-1262 Peak 8	Qua	34639					1000				

Curve Type Legend:

Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:22 Calibration End Date: 09/28/2010 19:22 Calibration ID: 7975

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/28	nr089083.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	4.570										4.500 - 4.640	4.570
PCB-1262 Peak 2	4.813										4.743 - 4.883	4.813
PCB-1262 Peak 3	5.643										5.573 - 5.713	5.643
PCB-1262 Peak 4	5.790										5.720 - 5.860	5.790
PCB-1262 Peak 5	6.130										6.060 - 6.200	6.130
PCB-1262 Peak 6	6.923										6.853 - 6.993	6.923
PCB-1262 Peak 7	7.027										6.957 - 7.097	7.027
PCB-1262 Peak 8	7.670										7.600 - 7.740	7.670

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:22 Calibration End Date: 09/28/2010 19:22 Calibration ID: 7975

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/28	nr089083.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	18.710				Qua		0							1.0000		0.9950
PCB-1262 Peak 2	227.80				Qua		0							1.0000		0.9950
PCB-1262 Peak 3	302.73				Qua		0							1.0000		0.9950
PCB-1262 Peak 4	403.07				Qua		0							1.0000		0.9950
PCB-1262 Peak 5	345.56				Qua		0							1.0000		0.9950
PCB-1262 Peak 6	242.33				Qua		0							1.0000		0.9950
PCB-1262 Peak 7	363.42				Qua		0							1.0000		0.9950
PCB-1262 Peak 8	281.40				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:22 Calibration End Date: 09/28/2010 19:22 Calibration ID: 7975

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/28	nr089083.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Qua	18710					1000				
PCB-1262 Peak 2	Qua	227800					1000				
PCB-1262 Peak 3	Qua	302728					1000				
PCB-1262 Peak 4	Qua	403074					1000				
PCB-1262 Peak 5	Qua	345561					1000				
PCB-1262 Peak 6	Qua	242328					1000				
PCB-1262 Peak 7	Qua	363424					1000				
PCB-1262 Peak 8	Qua	281401					1000				

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:35 Calibration End Date: 09/28/2010 19:35 Calibration ID: 7965

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/29	nf089084.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	6.967										6.897 - 7.037	6.967
PCB-1268 Peak 2	7.353										7.283 - 7.423	7.353
PCB-1268 Peak 3	8.020										7.950 - 8.090	8.020
PCB-1268 Peak 4	8.323										8.253 - 8.393	8.323
PCB-1268 Peak 5	8.417										8.347 - 8.487	8.417
PCB-1268 Peak 6	8.417										8.347 - 8.487	8.417
PCB-1268 Peak 7	8.583										8.513 - 8.653	8.583
PCB-1268 Peak 8	8.880										8.810 - 8.950	8.880

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:35 Calibration End Date: 09/28/2010 19:35 Calibration ID: 7965

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/29	nf089084.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	61.945				Qua		0							1.0000		0.9950
PCB-1268 Peak 2	74.328				Qua		0							1.0000		0.9950
PCB-1268 Peak 3	207.26				Qua		0							1.0000		0.9950
PCB-1268 Peak 4	231.67				Qua		0							1.0000		0.9950
PCB-1268 Peak 5	81.952				Qua		0							1.0000		0.9950
PCB-1268 Peak 6	81.952				Qua		0							1.0000		0.9950
PCB-1268 Peak 7	106.84				Qua		0							1.0000		0.9950
PCB-1268 Peak 8	763.39				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:35 Calibration End Date: 09/28/2010 19:35 Calibration ID: 7965

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/29	nf089084.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Qua	61945					1000				
PCB-1268 Peak 2	Qua	74328					1000				
PCB-1268 Peak 3	Qua	207257					1000				
PCB-1268 Peak 4	Qua	231670					1000				
PCB-1268 Peak 5	Qua	81952					1000				
PCB-1268 Peak 6	Qua	81952					1000				
PCB-1268 Peak 7	Qua	106840					1000				
PCB-1268 Peak 8	Qua	763386					1000				

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:35 Calibration End Date: 09/28/2010 19:35 Calibration ID: 7976

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/29	nr089084.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	5.787										5.717 - 5.857	5.787
PCB-1268 Peak 2	6.120										6.050 - 6.190	6.120
PCB-1268 Peak 3	6.967										6.897 - 7.037	6.967
PCB-1268 Peak 4	7.017										6.947 - 7.087	7.017
PCB-1268 Peak 5	7.263										7.193 - 7.333	7.263
PCB-1268 Peak 6	7.363										7.293 - 7.433	7.363
PCB-1268 Peak 7	7.670										7.600 - 7.740	7.670
PCB-1268 Peak 8	7.973										7.903 - 8.043	7.973

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:35 Calibration End Date: 09/28/2010 19:35 Calibration ID: 7976

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/29	nr089084.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	187.62				Qua		0							1.0000		0.9950
PCB-1268 Peak 2	222.33				Qua		0							1.0000		0.9950
PCB-1268 Peak 3	779.85				Qua		0							1.0000		0.9950
PCB-1268 Peak 4	830.13				Qua		0							1.0000		0.9950
PCB-1268 Peak 5	642.90				Qua		0							1.0000		0.9950
PCB-1268 Peak 6	207.25				Qua		0							1.0000		0.9950
PCB-1268 Peak 7	294.73				Qua		0							1.0000		0.9950
PCB-1268 Peak 8	1581.5				Qua		0							1.0000		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50390

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2010 19:35 Calibration End Date: 09/28/2010 19:35 Calibration ID: 7976

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50390/29	nr089084.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Qua	187616					1000				
PCB-1268 Peak 2	Qua	222331					1000				
PCB-1268 Peak 3	Qua	779854					1000				
PCB-1268 Peak 4	Qua	830125					1000				
PCB-1268 Peak 5	Qua	642902					1000				
PCB-1268 Peak 6	Qua	207247					1000				
PCB-1268 Peak 7	Qua	294729					1000				
PCB-1268 Peak 8	Qua	1581504					1000				

Curve Type Legend:

Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50656

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 15:08 Calibration End Date: 09/30/2010 16:51 Calibration ID: 8016

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50656/25	nf089202.d
Level 2	IC 460-50656/26	nf089203.d
Level 3	IC 460-50656/30	nf089207.d
Level 4	IC 460-50656/31	nf089208.d
Level 5	IC 460-50656/29	nf089206.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1248 Peak 1	2.977	2.953	2.977	2.953	2.950						2.907 - 3.047	2.962
PCB-1248 Peak 2	3.403	3.377	3.407	3.377	3.377						3.337 - 3.477	3.388
PCB-1248 Peak 3	3.697	3.697	3.700	3.697	3.693						3.630 - 3.770	3.697
PCB-1248 Peak 4	3.820	3.840	3.820	3.840	3.837						3.750 - 3.890	3.831
PCB-1248 Peak 5	4.183	4.150	4.187	4.150	4.143						4.117 - 4.257	4.163
PCB-1248 Peak 6	4.360	4.323	4.363	4.323	4.320						4.293 - 4.433	4.338
PCB-1248 Peak 7	4.730	4.697	4.737	4.697	4.690						4.667 - 4.807	4.710
PCB-1248 Peak 8	4.800	4.767	4.807	4.767	4.760						4.737 - 4.877	4.780

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50656

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 15:08 Calibration End Date: 09/30/2010 16:51 Calibration ID: 8016

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50656/25	nf089202.d
Level 2	IC 460-50656/26	nf089203.d
Level 3	IC 460-50656/30	nf089207.d
Level 4	IC 460-50656/31	nf089208.d
Level 5	IC 460-50656/29	nf089206.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	38.080 31.096	38.740	33.221	34.503	Qua	1	0	0						0.9986		0.9950
PCB-1248 Peak 2	79.490 80.341	81.340	74.362	78.680	Qua	8	0	0						0.9995		0.9950
PCB-1248 Peak 3	9.7100 13.365	12.454	12.252	12.207	Qua	2	0	0						0.9996		0.9950
PCB-1248 Peak 4	59.040 52.782	65.478	46.523	56.069	Qua	5	0	0						0.9923	*	0.9950
PCB-1248 Peak 5	76.880 67.225	75.778	69.902	69.146	Qua	8	0	0						0.9998		0.9950
PCB-1248 Peak 6	80.180 83.761	83.110	77.398	79.578	Qua	11	0	0						0.9997		0.9950
PCB-1248 Peak 7	82.750 72.734	77.142	68.099	72.496	Qua	14	0	0						0.9991		0.9950
PCB-1248 Peak 8	111.46 108.72	107.51	102.58	104.53	Qua	11	0	0						0.9998		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50656

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 15:08 Calibration End Date: 09/30/2010 16:51 Calibration ID: 8016

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50656/25	nf089202.d
Level 2	IC 460-50656/26	nf089203.d
Level 3	IC 460-50656/30	nf089207.d
Level 4	IC 460-50656/31	nf089208.d
Level 5	IC 460-50656/29	nf089206.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Qua	3808	19370	33221	51754	77741	100	500	1000	1500	2500
PCB-1248 Peak 2	Qua	7949	40670	74362	118020	200853	100	500	1000	1500	2500
PCB-1248 Peak 3	Qua	971	6227	12252	18310	33412	100	500	1000	1500	2500
PCB-1248 Peak 4	Qua	5904	32739	46523	84104	131954	100	500	1000	1500	2500
PCB-1248 Peak 5	Qua	7688	37889	69902	103719	168063	100	500	1000	1500	2500
PCB-1248 Peak 6	Qua	8018	41555	77398	119367	209402	100	500	1000	1500	2500
PCB-1248 Peak 7	Qua	8275	38571	68099	108744	181834	100	500	1000	1500	2500
PCB-1248 Peak 8	Qua	11146	53755	102583	156801	271811	100	500	1000	1500	2500

Curve Type Legend:
Qua = Quadratic

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50656

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 15:08 Calibration End Date: 09/30/2010 16:51 Calibration ID: 8017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50656/25	nr089202.d
Level 2	IC 460-50656/26	nr089203.d
Level 3	IC 460-50656/30	nr089207.d
Level 4	IC 460-50656/31	nr089208.d
Level 5	IC 460-50656/29	nr089206.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1248 Peak 1	2.507	2.510	2.503	2.510	2.510						2.433 - 2.573	2.508
PCB-1248 Peak 2	2.827	2.830	2.827	2.830	2.830						2.757 - 2.897	2.829
PCB-1248 Peak 3	2.980	2.983	2.980	2.983	2.943						2.910 - 3.050	2.974
PCB-1248 Peak 4	3.103	3.100	3.093	3.100	3.100						3.023 - 3.163	3.099
PCB-1248 Peak 5	3.287	3.290	3.283	3.290	3.290						3.213 - 3.353	3.288
PCB-1248 Peak 6	3.370	3.373	3.367	3.373	3.373						3.297 - 3.437	3.371
PCB-1248 Peak 7	3.640	3.643	3.637	3.643	3.643						3.567 - 3.707	3.641
PCB-1248 Peak 8	4.023	4.027	4.023	4.027	4.027						3.953 - 4.093	4.025

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50656

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 15:08 Calibration End Date: 09/30/2010 16:51 Calibration ID: 8017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50656/25	nr089202.d
Level 2	IC 460-50656/26	nr089203.d
Level 3	IC 460-50656/30	nr089207.d
Level 4	IC 460-50656/31	nr089208.d
Level 5	IC 460-50656/29	nr089206.d

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	120.82 79.819	99.934	76.596	83.655	Qua	27	0	0						0.9964		0.9950
PCB-1248 Peak 2	366.37 251.50	302.46	239.24	257.10	Qua	30	0	0						0.9973		0.9950
PCB-1248 Peak 3	90.060 85.502	70.688	57.244	60.387	Qua	62	0	0						0.9960		0.9950
PCB-1248 Peak 4	559.60 320.31	390.83	313.09	331.39	Qua	39	0	0						0.9975		0.9950
PCB-1248 Peak 5	302.73 212.59	256.34	206.98	220.62	Qua	24	0	0						0.9978		0.9950
PCB-1248 Peak 6	297.71 215.09	254.45	212.49	223.64	Qua	21	0	0						0.9985		0.9950
PCB-1248 Peak 7	161.84 127.25	152.57	128.98	132.15	Qua	16	0	0						0.9989		0.9950
PCB-1248 Peak 8	514.47 346.41	419.04	349.76	360.69	Qua	25	0	0						0.9987		0.9950

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

FORM VI
PESTICIDES/PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-17876-1 Analy Batch No.: 50656

SDG No.:

Instrument ID: PESTGC6 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2010 15:08 Calibration End Date: 09/30/2010 16:51 Calibration ID: 8017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-50656/25	nr089202.d
Level 2	IC 460-50656/26	nr089203.d
Level 3	IC 460-50656/30	nr089207.d
Level 4	IC 460-50656/31	nr089208.d
Level 5	IC 460-50656/29	nr089206.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Qua	12082	49967	76596	125482	199548	100	500	1000	1500	2500
PCB-1248 Peak 2	Qua	36637	151231	239242	385647	628759	100	500	1000	1500	2500
PCB-1248 Peak 3	Qua	9006	35344	57244	90580	213754	100	500	1000	1500	2500
PCB-1248 Peak 4	Qua	55960	195414	313086	497081	800787	100	500	1000	1500	2500
PCB-1248 Peak 5	Qua	30273	128169	206977	330937	531475	100	500	1000	1500	2500
PCB-1248 Peak 6	Qua	29771	127225	212494	335454	537732	100	500	1000	1500	2500
PCB-1248 Peak 7	Qua	16184	76285	128975	198220	318114	100	500	1000	1500	2500
PCB-1248 Peak 8	Qua	51447	209518	349761	541029	866021	100	500	1000	1500	2500

Curve Type Legend:
Qua = Quadratic

FORM VII
PESTICIDES/PCBS PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: PEM 460-50656/19 Calibration Date: 09/30/2010 13:11

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 16:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/29/2010 07:32

Lab File ID: nf089196.d Conc. Units: ug/L

ANALYTE	RT	PEAK AREA	BREAKDOWN (%)	LIMIT	#
Endrin	6.25	520370	1.45	20	
Endrin aldehyde	6.99	3224			
Endrin ketone	7.94	4457			

ANALYTE	RT	PEAK AREA	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.83	474983	1.16	20	
4,4'-DDD	0.00	0			
4,4'-DDE	5.56	5594			

Data File: nf089196.d
Report Date: 01-Oct-2010 07:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/nf089196.d
Lab Smp Id: PEM SGDDT/Ei_00011
Inj Date : 30-SEP-2010 13:11
Operator : Inst ID: PESTGC6.i
Smp Info : PEM SGDDT/Ei_00011
Misc Info :
Comment :
Method : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/08Nf608.m
Meth Date : 30-Sep-2010 17:28 shanthi Quant Type: ESTD
Cal Date : 30-SEP-2010 16:51 Cal File: nf089208.d
Als bottle: 1 QC Sample: END/DDT
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.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	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
8 4,4'-DDE					CAS #: 72-55-9		
5.563	5.563	0.000	5594	6.74727	0.034	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.827	6.827	0.000	474983	231.070	1.2	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.247	6.243	0.004	520370	247.227	1.2	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
6.987	6.990	-0.003	3224	4.08896	0.020	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
7.940	7.940	0.000	4457	4.71146	0.024	80.00- 120.00	100.00(a)

Data File: nf089196.d
Report Date: 01-Oct-2010 07:18

QC Flag Legend

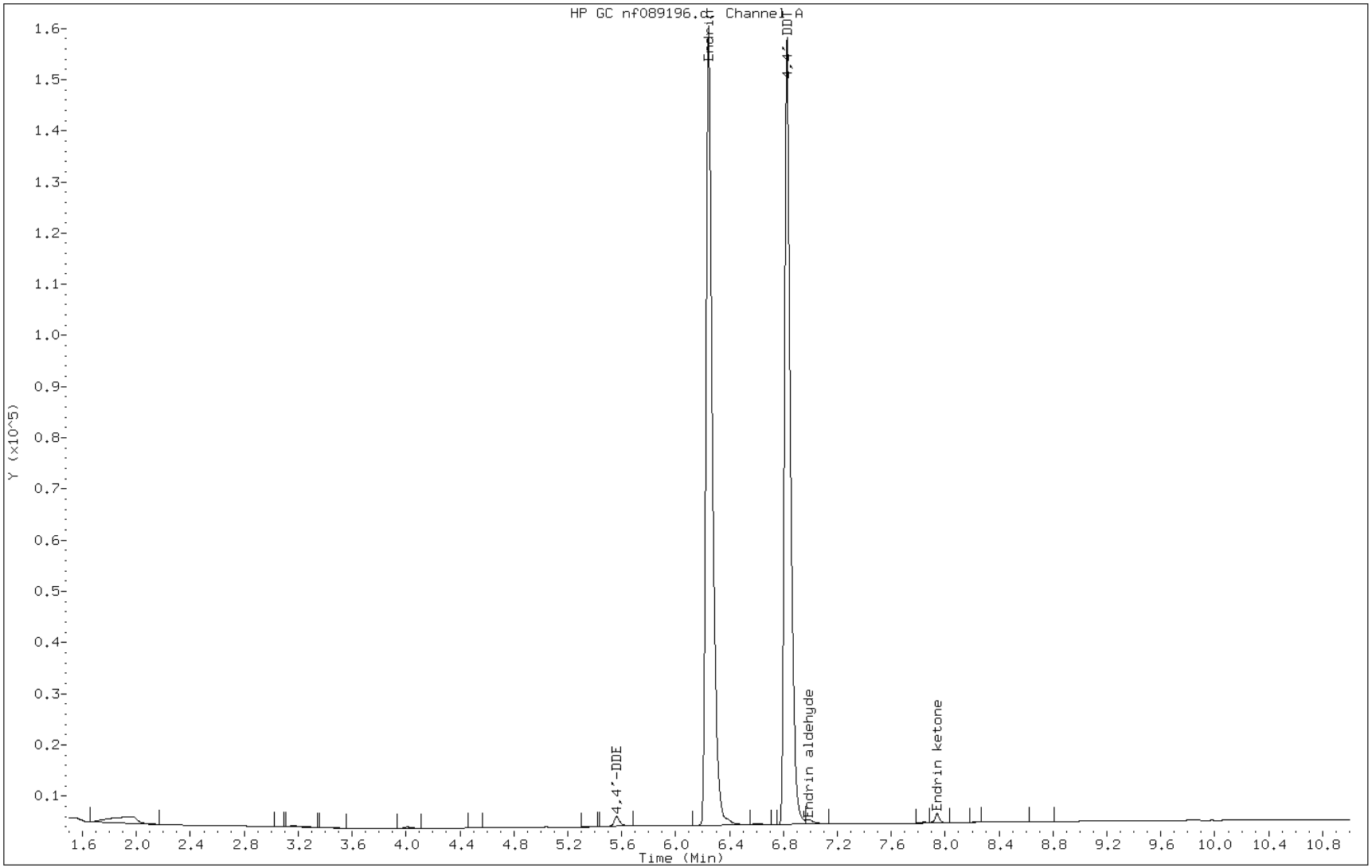
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: nf089196.d

Date: 30-SEP-2010 13:11

Client ID: Instrument: PESTGC6.i

Sample Info: PEM SGDDT/Ei_00011 Operator:



FORM VII
PESTICIDES/PCBS PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: PEM 460-50656/19 Calibration Date: 09/30/2010 13:11

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 16:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/29/2010 07:32

Lab File ID: nr089196.d Conc. Units: ug/L

ANALYTE	RT	PEAK AREA	BREAKDOWN (%)	LIMIT	#
Endrin	5.17	1358333	1.72	20	
Endrin aldehyde	6.07	4992			
Endrin ketone	7.02	18741			

ANALYTE	RT	PEAK AREA	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.67	1145230	2.29	20	
4,4'-DDD	0.00	0			
4,4'-DDE	4.40	26836			

Data File: nr089196.d
Report Date: 30-Sep-2010 15:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/nr089196.d
Lab Smp Id: PEM SGDDT/Ei_00011
Inj Date : 30-SEP-2010 13:11
Operator : Inst ID: PESTGC6.i
Smp Info : PEM SGDDT/Ei_00011
Misc Info :
Comment :
Method : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/08Nr608.m
Meth Date : 30-Sep-2010 13:40 sita Quant Type: ESTD
Cal Date : 29-SEP-2010 08:37 Cal File: nr089099.d
Als bottle: 1 QC Sample: END/DDT
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.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	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
8 4,4'-DDE					CAS #: 72-55-9		
4.397	4.393	0.004	26836	3.93647	0.020	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
5.670	5.670	0.000	1145230	216.885	1.1	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
5.170	5.170	0.000	1358333	237.735	1.2	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
6.070	6.070	0.000	4992	0.45398	0.0023	80.00- 120.00	100.00(a)
16 Endrin ketone					CAS #: 53494-70-5		
7.017	7.017	0.000	18741	2.32302	0.012	80.00- 120.00	100.00(a)

Data File: nr089196.d
Report Date: 30-Sep-2010 15:22

QC Flag Legend

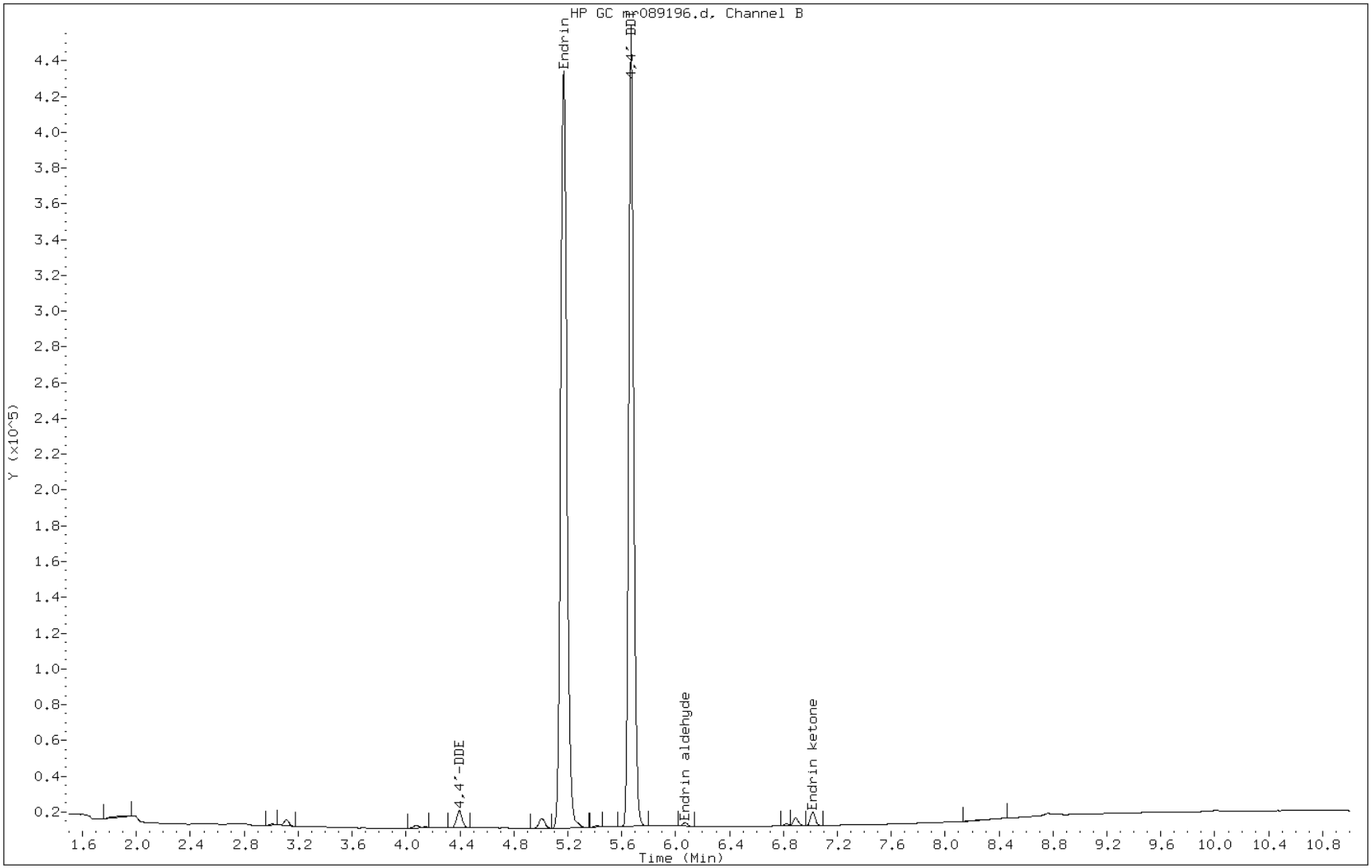
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: nr089196.d

Date: 30-SEP-2010 13:11

Client ID: Instrument: PESTGC6.i

Sample Info: PEM SGDDT/Ei_00011 Operator:



FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCVRT 460-50656/20 Calibration Date: 09/30/2010 13:24

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 16:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/29/2010 07:32

Lab File ID: nf089197.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Qua	2493	2570		90.5	100	-9.5	15.0
gamma-BHC (Lindane)	Qua	2213	2316		91.8	100	-8.2	15.0
beta-BHC	Qua	1283	1252		91.1	100	-8.9	15.0
delta-BHC	Qua	2127	2201		91.4	100	-8.6	15.0
Heptachlor	Qua	2313	2290		91.7	100	-8.3	15.0
Aldrin	Qua	2364	2337		87.3	100	-12.7	15.0
Heptachlor epoxide	Qua	2248	2165		87.3	100	-12.7	15.0
gamma-Chlordane	Qua	2395	2288		87.7	100	-12.3	15.0
alpha-Chlordane	Qua	2217	2184		89.3	100	-10.7	15.0
Endosulfan I	Qua	2213	2107		86.5	100	-13.5	15.0
4,4'-DDE	Qua	2103	2086		88.2	100	-11.8	15.0
Dieldrin	Qua	2264	2230		88.1	100	-11.9	15.0
Endrin	Qua	1839	1958		96.0	100	-4.0	15.0
4,4'-DDD	Qua	1672	1687		90.3	100	-9.7	15.0
Endosulfan II	Qua	1998	1957		89.3	100	-10.7	15.0
4,4'-DDT	Qua	1790	1846		93.3	100	-6.7	15.0
Endrin aldehyde	Qua	1744	1673		90.1	100	-9.9	15.0
Endosulfan sulfate	Qua	1759	1770		92.2	100	-7.8	15.0
Methoxychlor	Qua	921.1	1003		101	100	0.7	15.0
Endrin ketone	Qua	2189	2260		95.0	100	-5.0	15.0
Tetrachloro-m-xylene	Qua	1951	1796		91.7	100	-8.3	15.0
DCB Decachlorobiphenyl	Qua	2019	1813		86.8	100	-13.2	15.0

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCVRT 460-50656/20 Calibration Date: 09/30/2010 13:24

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 16:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/29/2010 07:32

Lab File ID: nf089197.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.73	2.68	2.78
gamma-BHC (Lindane)	3.04	2.99	3.09
beta-BHC	3.11	3.06	3.16
delta-BHC	3.41	3.36	3.46
Heptachlor	3.51	3.46	3.56
Aldrin	3.95	3.90	4.00
Heptachlor epoxide	4.78	4.71	4.85
gamma-Chlordane	5.08	5.01	5.15
alpha-Chlordane	5.32	5.25	5.39
Endosulfan I	5.42	5.35	5.49
4,4'-DDE	5.56	5.49	5.63
Dieldrin	5.81	5.74	5.88
Endrin	6.24	6.17	6.31
4,4'-DDD	6.39	6.32	6.46
Endosulfan II	6.54	6.47	6.61
4,4'-DDT	6.83	6.76	6.90
Endrin aldehyde	6.99	6.92	7.06
Endosulfan sulfate	7.34	7.27	7.41
Methoxychlor	7.67	7.60	7.74
Endrin ketone	7.94	7.87	8.01
Tetrachloro-m-xylene	2.27	2.22	2.32
DCB Decachlorobiphenyl	9.12	9.02	9.22

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCVRT 460-50656/20 Calibration Date: 09/30/2010 13:24

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 16:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/29/2010 07:32

Lab File ID: nr089197.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Qua	7593	7496		97.5	100	-2.5	15.0
gamma-BHC (Lindane)	Qua	6856	6553		97.2	100	-2.8	15.0
beta-BHC	Qua	3470	3226		92.5	100	-7.5	15.0
delta-BHC	Qua	6584	6603		97.6	100	-2.4	15.0
Heptachlor	Qua	6792	6471		96.2	100	-3.8	15.0
Aldrin	Qua	6372	6079		92.5	100	-7.5	15.0
Heptachlor epoxide	Qua	6372	5999		92.1	100	-7.9	15.0
gamma-Chlordane	Qua	7465	5863		90.8	100	-9.2	15.0
alpha-Chlordane	Qua	6092	5610		91.4	100	-8.6	15.0
4,4'-DDE	Qua	6034	5743		91.1	100	-8.9	15.0
Endosulfan I	Qua	6082	5742		91.9	100	-8.1	15.0
Dieldrin	Qua	6429	6226		92.1	100	-7.9	15.0
Endrin	Qua	5716	5948		98.5	100	-1.5	15.0
4,4'-DDD	Qua	5310	5155		91.2	100	-8.8	15.0
Endosulfan II	Qua	5589	5339		93.7	100	-6.3	15.0
4,4'-DDT	Qua	5310	5162		94.5	100	-5.5	15.0
Endrin aldehyde	Qua	4562	4406		93.5	100	-6.5	15.0
Methoxychlor	Qua	3076	2988		95.4	100	-4.6	15.0
Endosulfan sulfate	Qua	4924	4797		95.4	100	-4.6	15.0
Endrin ketone	Qua	5568	5497		96.3	100	-3.7	15.0
Tetrachloro-m-xylene	Qua	5704	5094		92.2	100	-7.8	15.0
DCB Decachlorobiphenyl	Qua	3894	3581		95.9	100	-4.1	15.0

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCVRT 460-50656/20 Calibration Date: 09/30/2010 13:24

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 16:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/29/2010 07:32

Lab File ID: nr089197.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.41	2.36	2.46
gamma-BHC (Lindane)	2.63	2.58	2.68
beta-BHC	2.69	2.64	2.74
delta-BHC	2.82	2.77	2.87
Heptachlor	2.99	2.94	3.04
Aldrin	3.26	3.21	3.31
Heptachlor epoxide	3.96	3.89	4.03
gamma-Chlordane	4.12	4.05	4.19
alpha-Chlordane	4.29	4.22	4.36
4,4'-DDE	4.39	4.32	4.46
Endosulfan I	4.48	4.41	4.55
Dieldrin	4.82	4.75	4.89
Endrin	5.17	5.10	5.24
4,4'-DDD	5.27	5.20	5.34
Endosulfan II	5.51	5.44	5.58
4,4'-DDT	5.67	5.60	5.74
Endrin aldehyde	6.07	6.00	6.14
Methoxychlor	6.34	6.27	6.41
Endosulfan sulfate	6.65	6.58	6.72
Endrin ketone	7.02	6.95	7.09
Tetrachloro-m-xylene	2.03	1.98	2.08
DCB Decachlorobiphenyl	8.16	8.06	8.26

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCV 460-50656/23 Calibration Date: 09/30/2010 14:20

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 17:28

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/28/2010 18:19

Lab File ID: nf089200.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Qua	40.07	37.12		965	1000	-3.5	15.0
PCB-1242 Peak 2	Qua	75.62	68.23		969	1000	-3.1	15.0
PCB-1242 Peak 3	Qua	37.19	35.23		947	1000	-5.3	15.0
PCB-1242 Peak 4	Qua	134.2	127.6		951	1000	-4.9	15.0
PCB-1242 Peak 5	Qua	58.71	55.60		935	1000	-6.5	15.0
PCB-1242 Peak 6	Qua	29.29	26.40		895	1000	-10.5	15.0
PCB-1242 Peak 7	Qua	57.16	54.17		939	1000	-6.1	15.0
PCB-1242 Peak 8	Qua	64.10	58.74		934	1000	-6.6	15.0

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCV 460-50656/23 Calibration Date: 09/30/2010 14:20

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 17:28

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/28/2010 18:19

Lab File ID: nf089200.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	2.64	2.57	2.71
PCB-1242 Peak 2	2.97	2.90	3.04
PCB-1242 Peak 3	3.19	3.12	3.26
PCB-1242 Peak 4	3.40	3.33	3.47
PCB-1242 Peak 5	3.56	3.49	3.63
PCB-1242 Peak 6	3.81	3.74	3.88
PCB-1242 Peak 7	4.35	4.28	4.42
PCB-1242 Peak 8	4.79	4.72	4.86

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCV 460-50656/23 Calibration Date: 09/30/2010 14:20

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 17:28

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/28/2010 18:19

Lab File ID: nr089200.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Qua	135.3	121.8		963	1000	-3.7	15.0
PCB-1242 Peak 2	Qua	192.1	166.3		904	1000	-9.6	15.0
PCB-1242 Peak 3	Qua	148.9	127.3		890	1000	-11.0	15.0
PCB-1242 Peak 4	Qua	429.6	406.7		1010	1000	1.3	15.0
PCB-1242 Peak 5	Qua	163.7	148.7		972	1000	-2.8	15.0
PCB-1242 Peak 6	Qua	259.4	273.1		1140	1000	14.1	15.0
PCB-1242 Peak 7	Qua	179.3	150.7		876	1000	-12.4	15.0
PCB-1242 Peak 8	Qua	153.5	139.9		944	1000	-5.6	15.0

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCV 460-50656/23 Calibration Date: 09/30/2010 14:20

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 17:28

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/28/2010 18:19

Lab File ID: nr089200.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	2.26	2.19	2.33
PCB-1242 Peak 2	2.51	2.44	2.58
PCB-1242 Peak 3	2.64	2.57	2.71
PCB-1242 Peak 4	2.83	2.76	2.90
PCB-1242 Peak 5	2.94	2.87	3.01
PCB-1242 Peak 6	3.11	3.04	3.18
PCB-1242 Peak 7	3.28	3.21	3.35
PCB-1242 Peak 8	4.03	3.96	4.10

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCV 460-50656/24 Calibration Date: 09/30/2010 14:56

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 14:25

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/28/2010 15:16

Lab File ID: nf089201.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua	45.11	48.25		1140	1000	14.4	15.0
PCB-1016 Peak 2	Qua	85.82	93.08		1140	1000	14.2	15.0
PCB-1016 Peak 3	Qua	43.57	52.48		1220	1000	22.2*	15.0
PCB-1016 Peak 4	Qua	165.7	179.2		1090	1000	9.5	15.0
PCB-1016 Peak 5	Qua	71.59	77.67		1060	1000	5.6	15.0
PCB-1016 Peak 6	Qua	45.70	47.45		1010	1000	0.8	15.0
PCB-1016 Peak 7	Qua		56.31		200	1000	-100.0*	15.0
PCB-1016 Peak 8	Qua	57.15	62.32		1080	1000	8.4	15.0
PCB-1260 Peak 1	Qua	117.5	128.5		1130	1000	12.7	15.0
PCB-1260 Peak 2	Qua	136.3	149.2		1110	1000	11.0	15.0
PCB-1260 Peak 3	Qua	179.8	200.4		1100	1000	9.6	15.0
PCB-1260 Peak 4	Qua	82.79	87.87		1040	1000	3.7	15.0
PCB-1260 Peak 5	Qua	52.12	59.04		1110	1000	11.1	15.0
PCB-1260 Peak 6	Qua	89.99	99.8		1120	1000	11.7	15.0
PCB-1260 Peak 7	Qua	147.8	139.2		1070	1000	6.6	15.0
PCB-1260 Peak 8	Qua	52.65	54.32		992	1000	-0.8	15.0

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCV 460-50656/24 Calibration Date: 09/30/2010 14:56

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 14:25

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/28/2010 15:16

Lab File ID: nf089201.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.62	2.55	2.69
PCB-1016 Peak 2	2.95	2.88	3.02
PCB-1016 Peak 3	3.16	3.09	3.23
PCB-1016 Peak 4	3.37	3.30	3.44
PCB-1016 Peak 5	3.53	3.46	3.60
PCB-1016 Peak 6	3.84	3.77	3.91
PCB-1016 Peak 7	4.15	4.08	4.22
PCB-1016 Peak 8	4.32	4.25	4.39
PCB-1260 Peak 1	6.04	5.97	6.11
PCB-1260 Peak 2	6.34	6.27	6.41
PCB-1260 Peak 3	6.83	6.76	6.90
PCB-1260 Peak 4	6.96	6.89	7.03
PCB-1260 Peak 5	7.03	6.96	7.10
PCB-1260 Peak 6	7.34	7.27	7.41
PCB-1260 Peak 7	8.02	7.95	8.09
PCB-1260 Peak 8	8.57	8.50	8.64

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCV 460-50656/24 Calibration Date: 09/30/2010 14:56

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 14:25

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/28/2010 15:16

Lab File ID: nr089201.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua	161.5	171.8		1260	1000	26.4*	15.0
PCB-1016 Peak 2	Qua	220.3	229.7		1110	1000	10.8	15.0
PCB-1016 Peak 3	Qua	164.1	169.0		1080	1000	7.7	15.0
PCB-1016 Peak 4	Qua	498.9	522.8		1120	1000	11.9	15.0
PCB-1016 Peak 5	Qua	187.7	198.8		1140	1000	13.6	15.0
PCB-1016 Peak 6	Qua	144.4	152.8		1110	1000	11.4	15.0
PCB-1016 Peak 7	Qua	233.5	488.3		2650	1000	165.1*	15.0
PCB-1016 Peak 8	Qua	197.8	197.2		1080	1000	7.6	15.0
PCB-1260 Peak 1	Qua	284.0	285.9		1080	1000	7.9	15.0
PCB-1260 Peak 2	Qua	467.2	482.4		1070	1000	7.0	15.0
PCB-1260 Peak 3	Qua	508.3	502.8		1040	1000	3.8	15.0
PCB-1260 Peak 4	Qua	265.9	263.4		1040	1000	4.1	15.0
PCB-1260 Peak 5	Qua	253.0	260.8		1070	1000	6.9	15.0
PCB-1260 Peak 6	Qua	365.3	812.0		2930	1000	192.6*	15.0
PCB-1260 Peak 7	Qua	179.8	186.6		1040	1000	4.5	15.0
PCB-1260 Peak 8	Qua	156.4	170.2		1120	1000	11.5	15.0

FORM VII
PESTICIDES/PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: CCV 460-50656/24 Calibration Date: 09/30/2010 14:56

Instrument ID: PESTGC6 Calib Start Date: 09/28/2010 14:25

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/28/2010 15:16

Lab File ID: nr089201.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.26	2.19	2.33
PCB-1016 Peak 2	2.50	2.43	2.57
PCB-1016 Peak 3	2.64	2.57	2.71
PCB-1016 Peak 4	2.82	2.75	2.89
PCB-1016 Peak 5	2.93	2.86	3.00
PCB-1016 Peak 6	2.98	2.91	3.05
PCB-1016 Peak 7	3.10	3.03	3.17
PCB-1016 Peak 8	3.28	3.21	3.35
PCB-1260 Peak 1	4.80	4.73	4.87
PCB-1260 Peak 2	5.22	5.15	5.29
PCB-1260 Peak 3	5.63	5.56	5.70
PCB-1260 Peak 4	5.78	5.71	5.85
PCB-1260 Peak 5	6.12	6.05	6.19
PCB-1260 Peak 6	6.91	6.84	6.98
PCB-1260 Peak 7	7.02	6.95	7.09
PCB-1260 Peak 8	7.66	7.59	7.73

FORM I
PESTICIDES/PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-50182/1-A

Matrix: Water Lab File ID: nf089266.d

Analysis Method: 608 Date Collected:

Extraction Method: 608 Date Extracted: 09/28/2010 08:19

Sample wt/vol: 1000(mL) Date Analyzed: 10/01/2010 05:15

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.: 50656 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
877-09-8	Tetrachloro-m-xylene	87	38-138	
2051-24-3	DCB Decachlorobiphenyl	91	17-152	

Data File: nf089266.d
Report Date: 04-Oct-2010 11:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/nf089266.d
Lab Smp Id: MB 460-50182/1-A
Inj Date : 01-OCT-2010 05:15
Operator : Inst ID: PESTGC6.i
Smp Info : MB 460-50182/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/08Nf608.m
Meth Date : 01-Oct-2010 07:19 sita Quant Type: ESTD
Cal Date : 29-SEP-2010 08:37 Cal File: nr089099.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PCB+.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

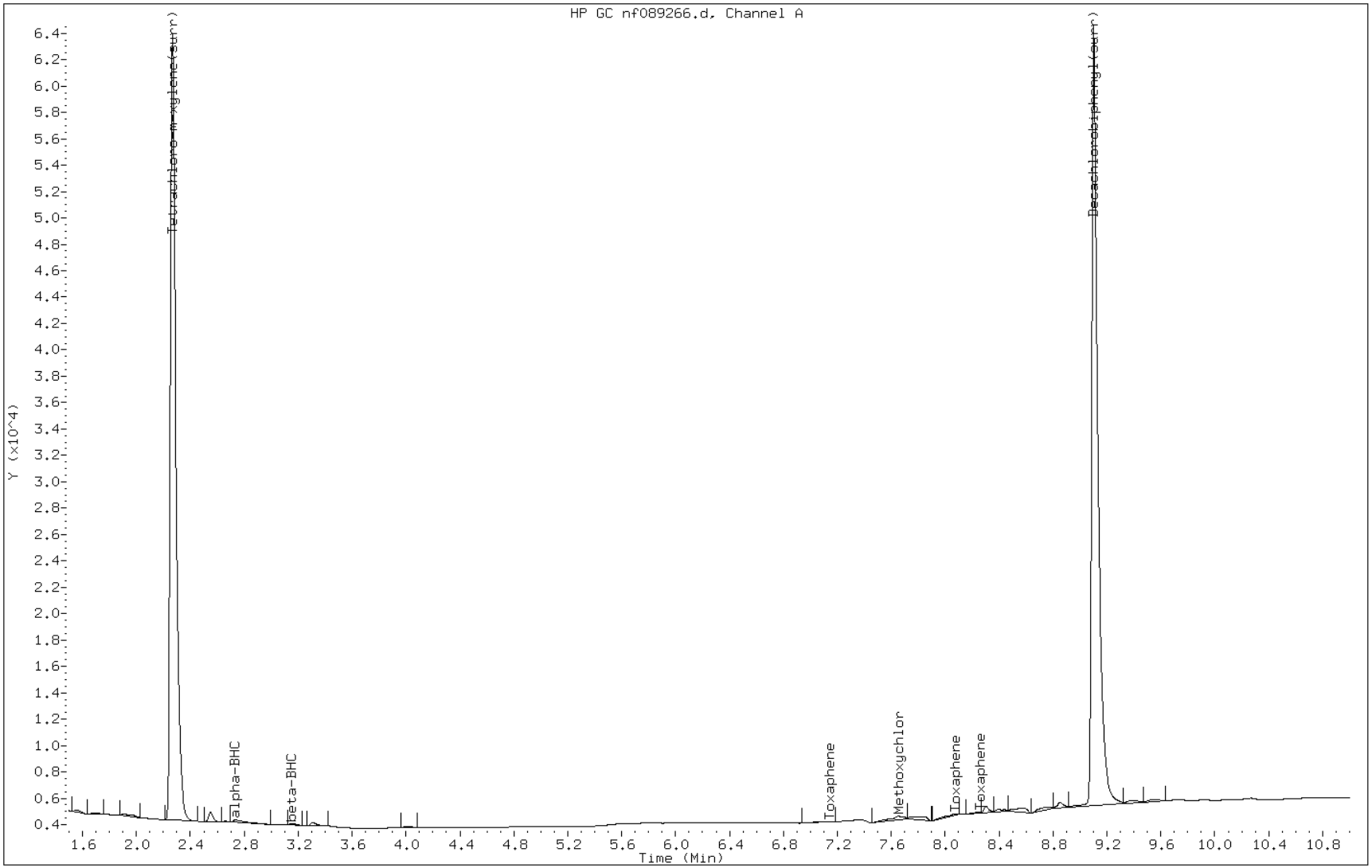
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.267	2.273	-0.006	169920	86.6856	0.43	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.103	9.120	-0.017	189314	91.0934	0.46	80.00- 120.00	100.00

Data File: nf089266.d

Date: 01-OCT-2010 05:15

Client ID: Instrument: PESTGC6.i

Sample Info: MB 460-50182/1-A Operator:



FORM I
PESTICIDES/PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-50182/1-A

Matrix: Water | Lab File ID: nr089266.d

Analysis Method: 608 | Date Collected:

Extraction Method: 608 | Date Extracted: 09/28/2010 08:19

Sample wt/vol: 1000(mL) | Date Analyzed: 10/01/2010 05:15

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.: 50656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1.0	U	1.0	0.15
11104-28-2	Aroclor 1221	1.0	U	1.0	0.12
11141-16-5	Aroclor 1232	1.0	U	1.0	0.12
53469-21-9	Aroclor 1242	1.0	U	1.0	0.16
12672-29-6	Aroclor 1248	1.0	U	1.0	0.21
11097-69-1	Aroclor 1254	1.0	U	1.0	0.13
11096-82-5	Aroclor 1260	1.0	U	1.0	0.12
37324-23-5	Aroclor 1262	1.0	U	1.0	0.11
11100-14-4	Aroclor 1268	1.0	U	1.0	0.11

CAS NO.	SURROGATE	%REC	LIMITS	Q
877-09-8	Tetrachloro-m-xylene	92	38-138	
2051-24-3	DCB Decachlorobiphenyl	110	17-152	

Data File: nr089266.d
Report Date: 04-Oct-2010 11:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/nr089266.d
Lab Smp Id: MB 460-50182/1-A
Inj Date : 01-OCT-2010 05:15
Operator : Inst ID: PESTGC6.i
Smp Info : MB 460-50182/1-A
Misc Info :
Comment   :
Method   : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/08Nr608.m
Meth Date : 01-Oct-2010 06:55 sita Quant Type: ESTD
Cal Date : 29-SEP-2010 08:37 Cal File: nr089099.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PCB+.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

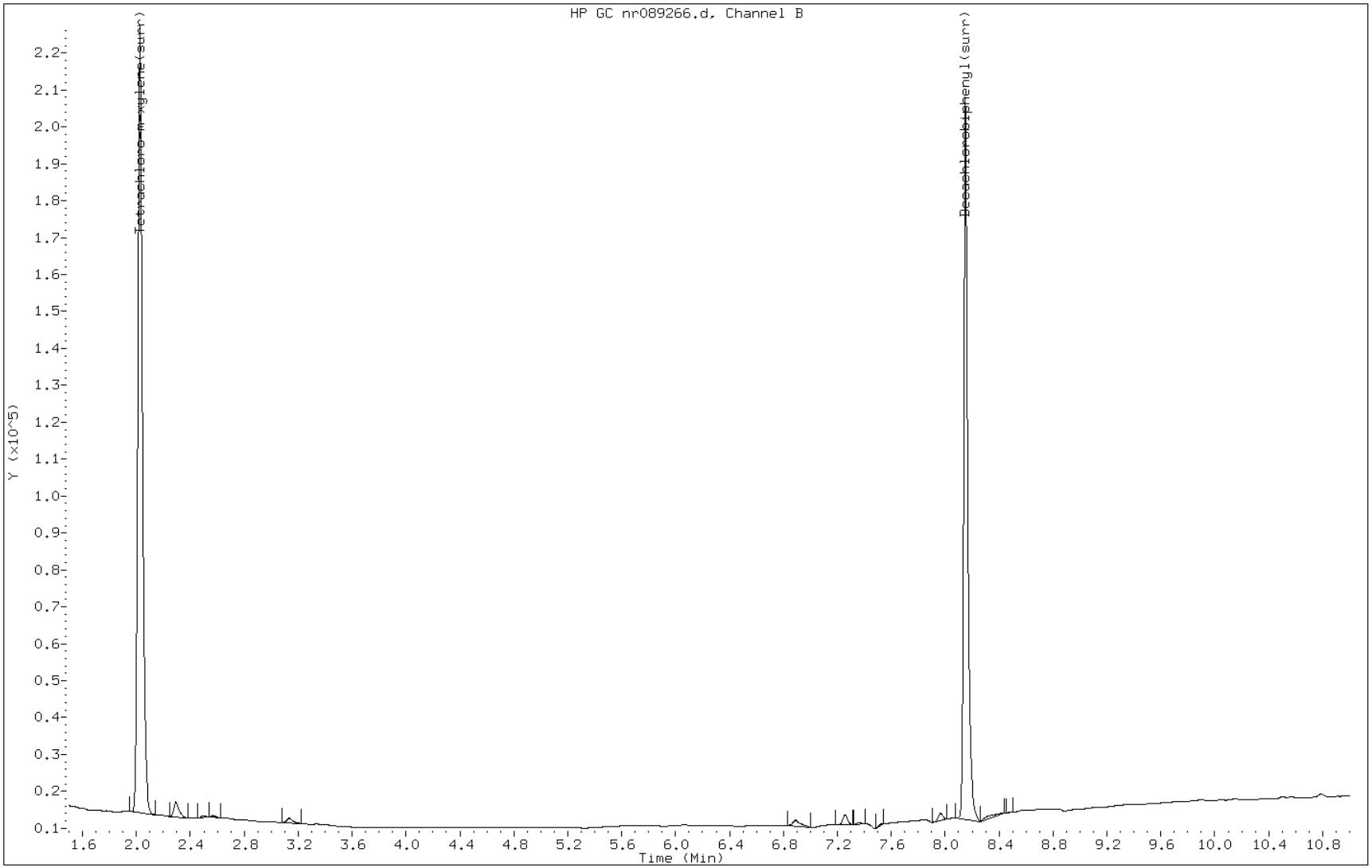
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.027	2.030	-0.003	508203	92.0098	0.46	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.150	8.157	-0.007	403173	109.654	0.55	80.00- 120.00	100.00

Data File: nr089266.d

Date: 01-OCT-2010 05:15

Client ID: Instrument: PESTGC6.i

Sample Info: MB 460-50182/1-A Operator:



FORM I
PESTICIDES/PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-50182/2-A

Matrix: Water | Lab File ID: nf089267.d

Analysis Method: 608 | Date Collected:

Extraction Method: 608 | Date Extracted: 09/28/2010 08:19

Sample wt/vol: 1000(mL) | Date Analyzed: 10/01/2010 05:28

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.: 50656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*4.78*		*1.0*	*0.15*
11104-28-2	*Aroclor 1221*	*1.0*	*U*	*1.0*	*0.12*
11141-16-5	*Aroclor 1232*	*1.0*	*U*	*1.0*	*0.12*
53469-21-9	*Aroclor 1242*	*1.0*	*U*	*1.0*	*0.16*
12672-29-6	*Aroclor 1248*	*1.0*	*U*	*1.0*	*0.21*
11097-69-1	*Aroclor 1254*	*1.0*	*U*	*1.0*	*0.13*
11096-82-5	*Aroclor 1260*	*4.93*		*1.0*	*0.12*
37324-23-5	*Aroclor 1262*	*1.0*	*U*	*1.0*	*0.11*
11100-14-4	*Aroclor 1268*	*1.0*	*U*	*1.0*	*0.11*

CAS NO.	SURROGATE	%REC	LIMITS	Q
877-09-8	Tetrachloro-m-xylene	91	38-138	
2051-24-3	DCB Decachlorobiphenyl	93	17-152	

Data File: nf089267.d
Report Date: 04-Oct-2010 11:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/nf089267.d
Lab Smp Id: LCS 460-50182/2-A
Inj Date : 01-OCT-2010 05:28
Operator : Inst ID: PESTGC6.i
Smp Info : LCS 460-50182/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/08Nf608.m
Meth Date : 01-Oct-2010 07:19 sita Quant Type: ESTD
Cal Date : 30-SEP-2010 16:51 Cal File: nf089208.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PCB+.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

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.627	2.623	0.004	40522	956.865	4.8	80.00- 120.00	100.00(M)
2.950	2.950	0.000	81265	989.369	4.9	154.31- 231.47	200.55
3.163	3.160	0.003	40466	940.402	4.7	87.01- 130.51	99.86
3.377	3.373	0.004	157082	957.699	4.8	297.17- 445.75	387.65
3.527	3.527	0.000	68532	929.270	4.6	128.77- 193.15	169.12
3.837	3.840	-0.003	44443	942.221	4.7	78.67- 118.01	109.68
4.143	4.147	-0.004	51845			93.36- 140.04	127.94
4.320	4.323	-0.003	56106	976.320	4.9	103.32- 154.97	138.46
		Average of Peak Concentrations =			4.8		
27 Aroclor-1260					CAS #: 11096-82-5		
6.037	6.043	-0.006	119433	1044.07	5.2	80.00- 120.00	100.00(MH)
6.333	6.340	-0.007	133821	989.645	4.9	92.86- 139.28	112.05

Data File: nf089267.d
Report Date: 04-Oct-2010 11:05

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.827	6.833	-0.006	183004	999.219	5.0	124.71- 187.06	153.23
6.953	6.960	-0.007	79595	935.494	4.7	54.69- 82.04	66.64
7.023	7.030	-0.007	52006	983.782	4.9	36.75- 55.12	43.54
7.330	7.337	-0.007	90968	1016.94	5.1	62.12- 93.18	76.17
8.010	8.020	-0.010	134077	1031.62	5.2	86.66- 129.98	112.26
8.557	8.573	-0.016	48164	884.776	4.4	33.81- 50.71	40.33
		Average of Peak Concentrations =			4.9		
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.273	2.273	0.000	178022	90.8327	0.45	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.103	9.120	-0.017	193357	93.2857	0.47	80.00- 120.00	100.00

QC Flag Legend

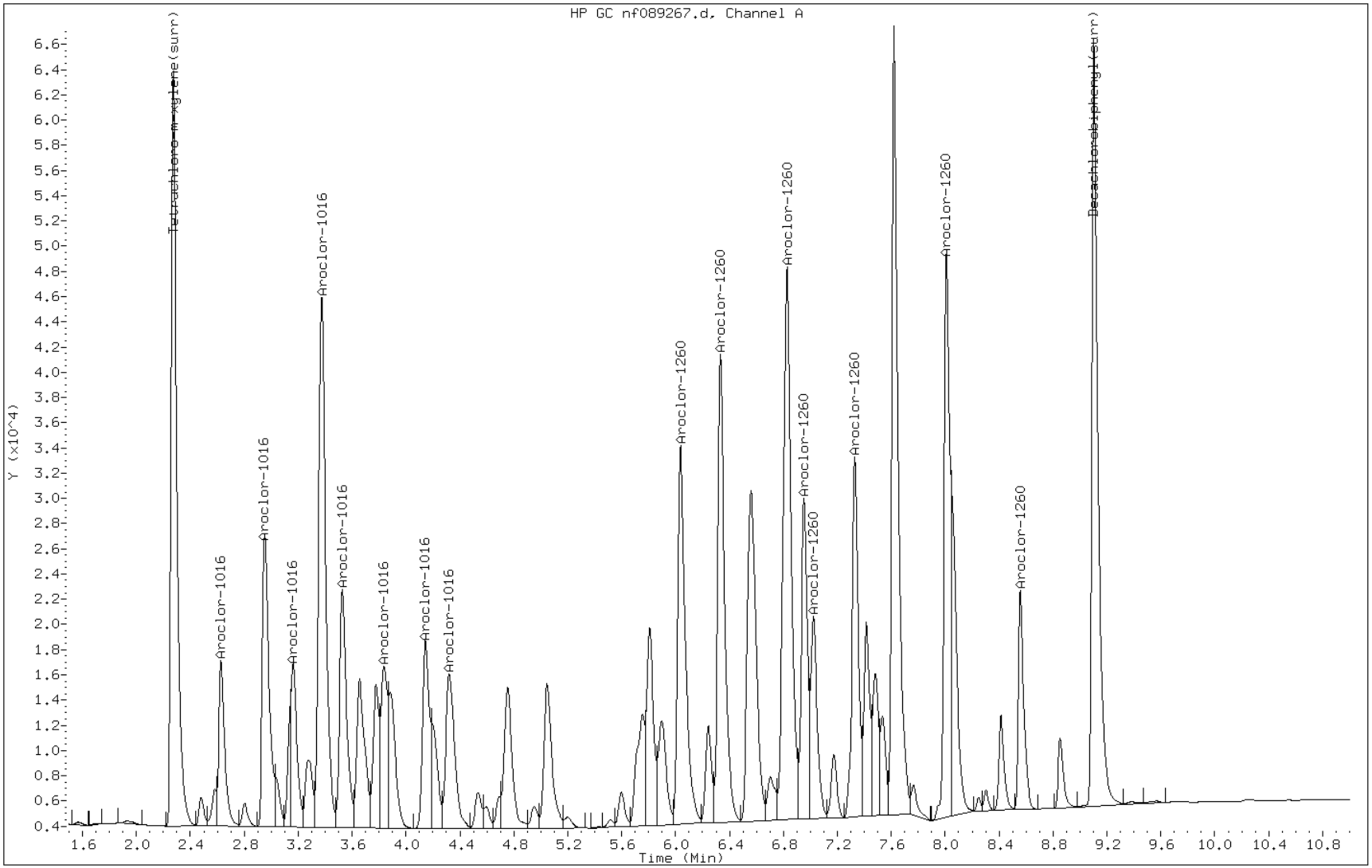
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: nf089267.d

Date: 01-OCT-2010 05:28

Client ID: Instrument: PESTGC6.i

Sample Info: LCS 460-50182/2-A Operator:



Manual Integration Report

Data File: nf089267.d
Inj. Date and Time: 01-OCT-2010 05:28
Instrument ID: PESTGC6.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/04/2010

Processing Integration Results

Not Detected

Expected RT: 2.62

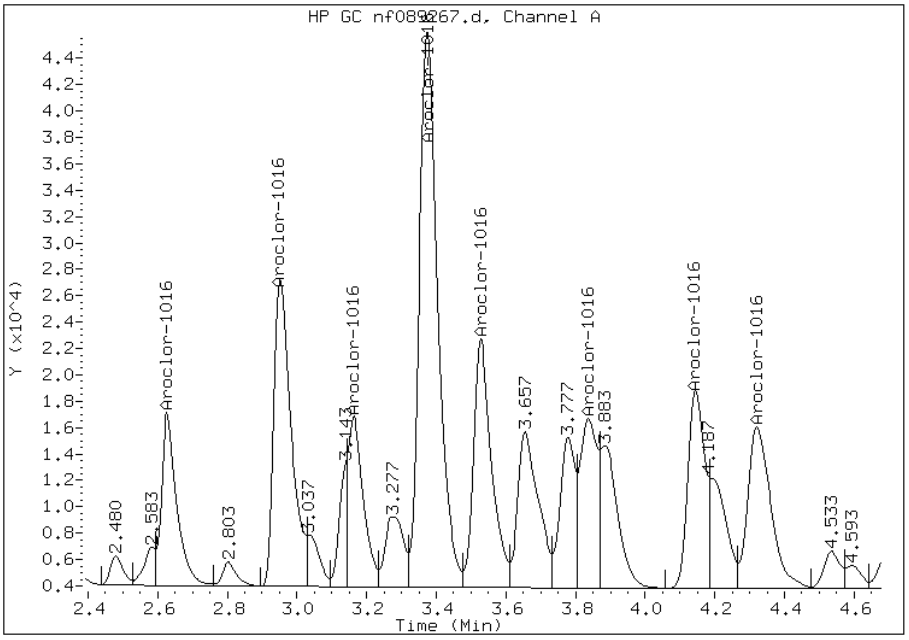
Manual Integration Results

RT: 2.63

Response: 40522

Amount: 956.02

Conc: 4.80



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: nf089267.d
Inj. Date and Time: 01-OCT-2010 05:28
Instrument ID: PESTGC6.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/04/2010

Processing Integration Results

Not Detected

Expected RT: 6.04

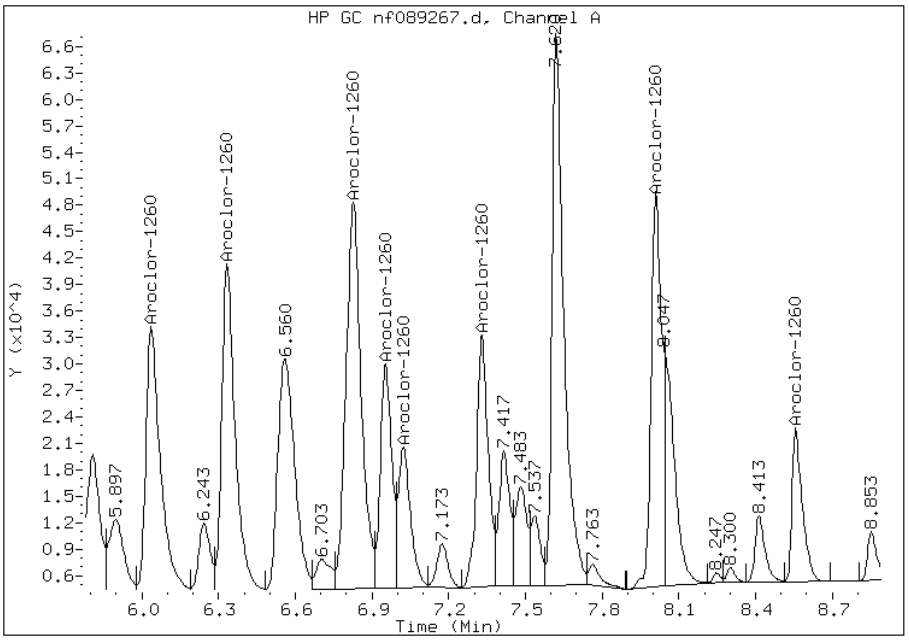
Manual Integration Results

RT: 6.04

Response: 119433

Amount: 985.69

Conc: 4.90



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PESTICIDES/PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-50182/2-A

Matrix: Water | Lab File ID: nr089267.d

Analysis Method: 608 | Date Collected:

Extraction Method: 608 | Date Extracted: 09/28/2010 08:19

Sample wt/vol: 1000(mL) | Date Analyzed: 10/01/2010 05:28

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.: 50656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.41		1.0	0.15
11104-28-2	Aroclor 1221	1.0	U	1.0	0.12
11141-16-5	Aroclor 1232	1.0	U	1.0	0.12
53469-21-9	Aroclor 1242	1.0	U	1.0	0.16
12672-29-6	Aroclor 1248	1.0	U	1.0	0.21
11097-69-1	Aroclor 1254	1.0	U	1.0	0.13
11096-82-5	Aroclor 1260	4.93		1.0	0.12
37324-23-5	Aroclor 1262	1.0	U	1.0	0.11
11100-14-4	Aroclor 1268	1.0	U	1.0	0.11

CAS NO.	SURROGATE	%REC	LIMITS	Q
877-09-8	Tetrachloro-m-xylene	97	38-138	
2051-24-3	DCB Decachlorobiphenyl	114	17-152	

Data File: nr089267.d
Report Date: 04-Oct-2010 11:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/nr089267.d
Lab Smp Id: LCS 460-50182/2-A
Inj Date : 01-OCT-2010 05:28
Operator : Inst ID: PESTGC6.i
Smp Info : LCS 460-50182/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/08Nr608.m
Meth Date : 01-Oct-2010 06:55 sita Quant Type: ESTD
Cal Date : 29-SEP-2010 08:37 Cal File: nr089099.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PCB+.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

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.273	2.260	0.013	136031	962.453	4.8	80.00- 120.00	100.00(M)
2.513	2.503	0.010	213708	1022.32	5.1	106.98- 160.46	157.10
2.647	2.637	0.010	164686	1047.13	5.2	78.72- 118.07	121.06
2.833	2.823	0.010	486539	1033.62	5.2	243.49- 365.23	357.67
2.943	2.933	0.010	188003	1068.13	5.3	92.59- 138.89	138.21
2.990	2.980	0.010	139411	1006.53	5.0	71.15- 106.72	102.48
3.103	3.103	0.000	294487	1466.46	7.3	227.45- 341.17	216.48
3.293	3.283	0.010	191808	1042.75	5.2	91.86- 137.79	141.00
			Average of Peak Concentrations =		5.4		
27 Aroclor-1260					CAS #: 11096-82-5		
4.807	4.803	0.004	275984	1036.66	5.2	80.00- 120.00	100.00(M)
5.227	5.223	0.004	469180	1037.15	5.2	134.98- 202.47	191.57

Data File: nr089267.d
Report Date: 04-Oct-2010 11:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.637	5.633	0.004	486432	1000.09	5.0	140.71- 211.06	176.25
5.780	5.780	0.000	249251	978.647	4.9	73.71- 110.57	90.31
6.123	6.123	0.000	250973	1024.43	5.1	72.97- 109.46	90.94
6.917	6.907	0.010	326702	974.238	4.9	227.23- 340.84	156.29
7.020	7.020	0.000	160108	879.229	4.4	52.22- 78.33	58.01
7.663	7.663	0.000	148910	962.671	4.8	47.63- 71.44	58.46
Average of Peak Concentrations =					4.9		
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.030	2.030	0.000	533055	96.7308	0.48	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.150	8.157	-0.007	415817	113.576	0.57	80.00- 120.00	100.00

QC Flag Legend

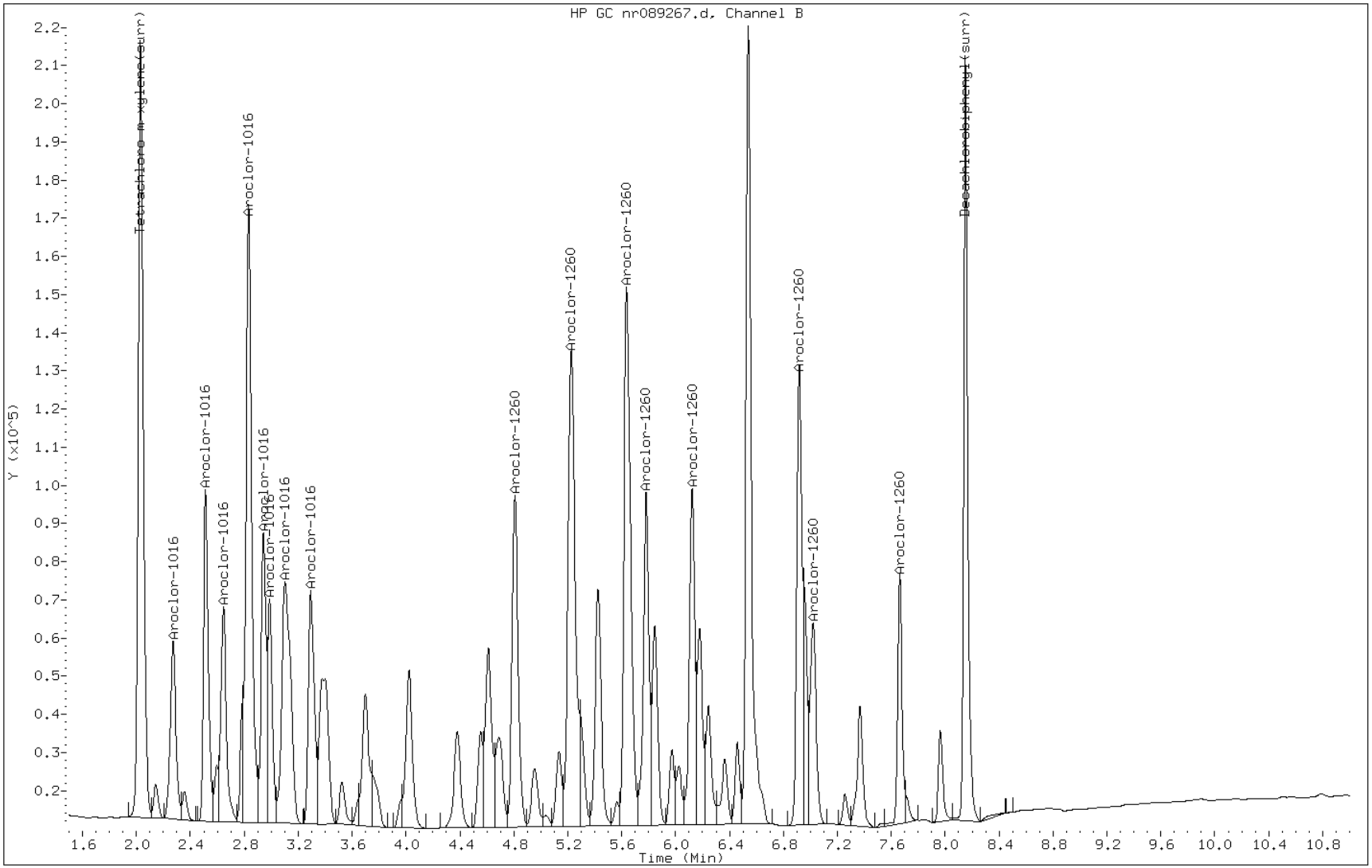
M - Compound response manually integrated.

Data File: nr089267.d

Date: 01-OCT-2010 05:28

Client ID: Instrument: PESTGC6.i

Sample Info: LCS 460-50182/2-A Operator:



Manual Integration Report

Data File: nr089267.d
Inj. Date and Time: 01-OCT-2010 05:28
Instrument ID: PESTGC6.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/04/2010

Processing Integration Results

Not Detected

Expected RT: 2.26

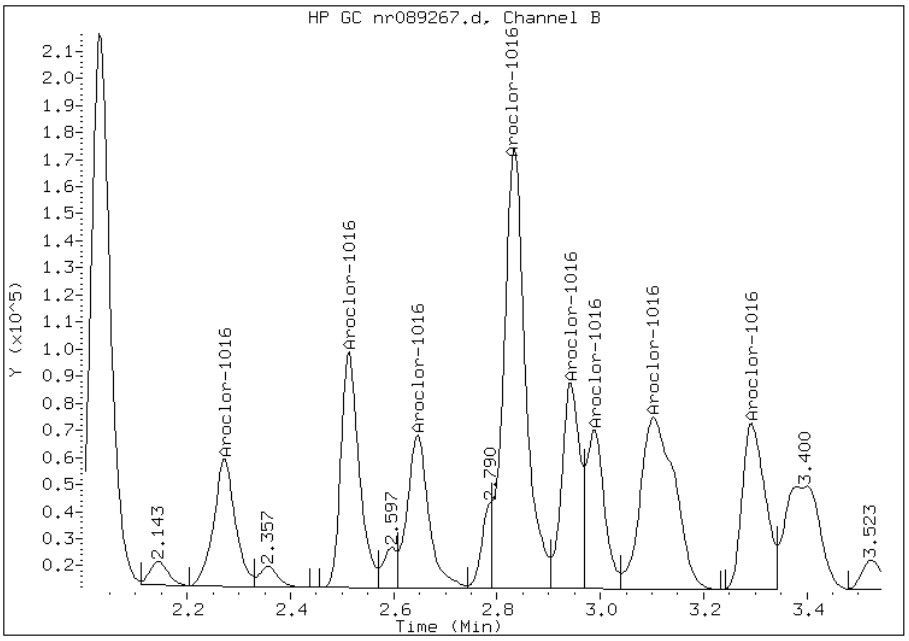
Manual Integration Results

RT: 2.27

Response: 136031

Amount: 1081.17

Conc: 5.40



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: nr089267.d
Inj. Date and Time: 01-OCT-2010 05:28
Instrument ID: PESTGC6.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/04/2010

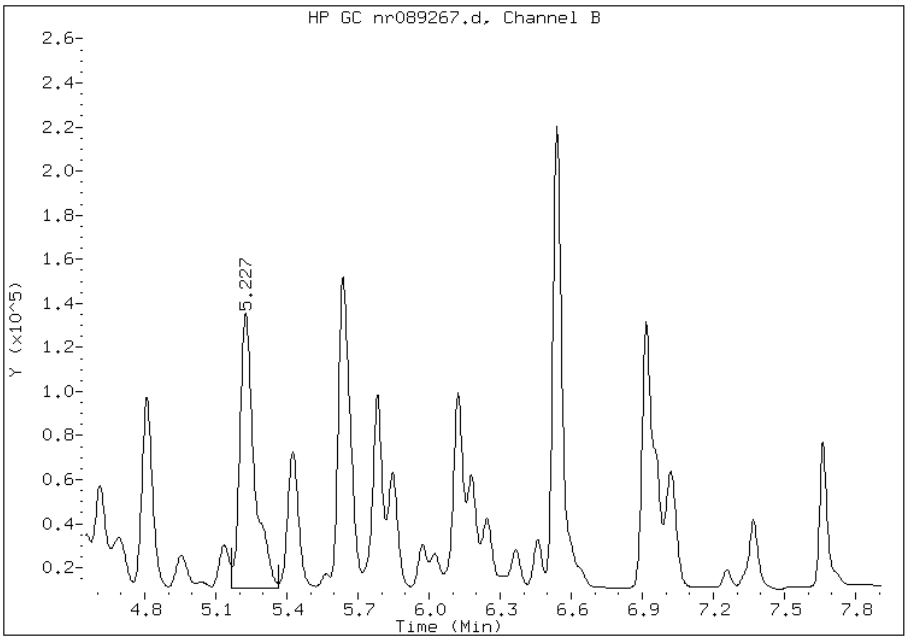
Processing Integration Results

RT: 5.23

Response: 528701

Amount: 1062.87

Conc: 5.30



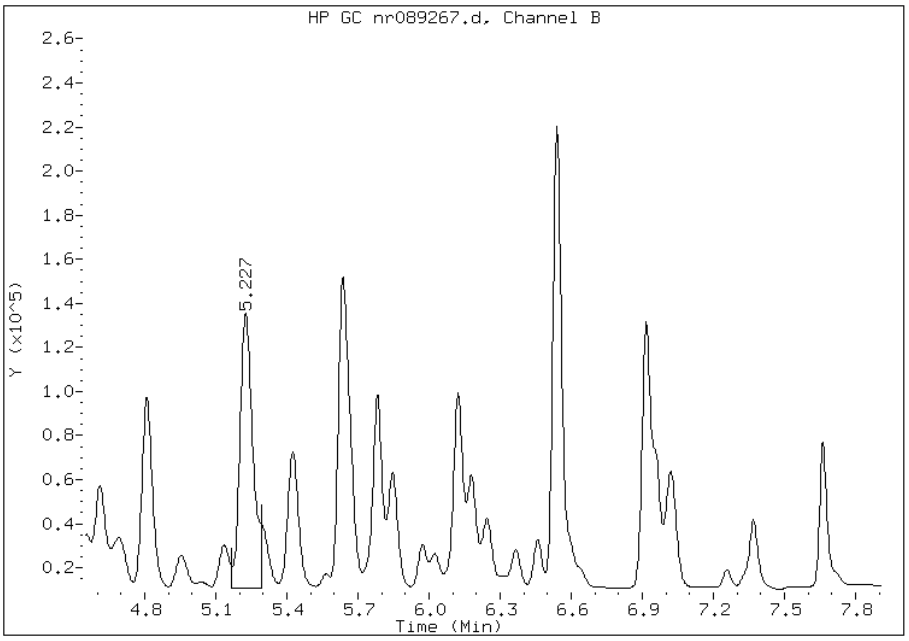
Manual Integration Results

RT: 5.23

Response: 469180

Amount: 986.64

Conc: 4.90



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

FORM I
PESTICIDES/PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-17876-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-50182/3-A

Matrix: Water | Lab File ID: nf089268.d

Analysis Method: 608 | Date Collected:

Extraction Method: 608 | Date Extracted: 09/28/2010 08:19

Sample wt/vol: 1000(mL) | Date Analyzed: 10/01/2010 05:40

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.: 50656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*4.83*		*1.0*	*0.15*
11104-28-2	*Aroclor 1221*	*1.0*	*U*	*1.0*	*0.12*
11141-16-5	*Aroclor 1232*	*1.0*	*U*	*1.0*	*0.12*
53469-21-9	*Aroclor 1242*	*1.0*	*U*	*1.0*	*0.16*
12672-29-6	*Aroclor 1248*	*1.0*	*U*	*1.0*	*0.21*
11097-69-1	*Aroclor 1254*	*1.0*	*U*	*1.0*	*0.13*
11096-82-5	*Aroclor 1260*	*4.82*		*1.0*	*0.12*
37324-23-5	*Aroclor 1262*	*1.0*	*U*	*1.0*	*0.11*
11100-14-4	*Aroclor 1268*	*1.0*	*U*	*1.0*	*0.11*

CAS NO.	SURROGATE	%REC	LIMITS	Q
877-09-8	Tetrachloro-m-xylene	91	38-138	
2051-24-3	DCB Decachlorobiphenyl	94	17-152	

Data File: nf089268.d
Report Date: 04-Oct-2010 11:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/nf089268.d
Lab Smp Id: LCSD 460-50182/3-A
Inj Date : 01-OCT-2010 05:40
Operator : Inst ID: PESTGC6.i
Smp Info : LCSD 460-50182/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC6.i/608/front/Sep10/09-30-10/30sep10a.b/08Nf608.m
Meth Date : 01-Oct-2010 07:19 sita Quant Type: ESTD
Cal Date : 30-SEP-2010 16:51 Cal File: nf089208.d
Als bottle: 1 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PCB+.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

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.627	2.623	0.004	41049	969.630	4.8	80.00- 120.00	100.00(M)
2.953	2.950	0.003	81411	991.240	5.0	154.31- 231.47	198.33
3.167	3.160	0.007	44014	1023.42	5.1	87.01- 130.51	107.22
3.377	3.373	0.004	157940	962.990	4.8	297.17- 445.75	384.76
3.530	3.527	0.003	69089	936.947	4.7	128.77- 193.15	168.31
3.840	3.840	0.000	42911	908.728	4.5	78.67- 118.01	104.54
4.143	4.147	-0.004	53449			93.36- 140.04	130.21
4.320	4.323	-0.003	55593	967.412	4.8	103.32- 154.97	135.43
		Average of Peak Concentrations =			4.8		
27 Aroclor-1260					CAS #: 11096-82-5		
6.037	6.043	-0.006	115285	1006.43	5.0	80.00- 120.00	100.00(M)
6.333	6.340	-0.007	131367	970.639	4.8	92.86- 139.28	113.95

Data File: nf089268.d
Report Date: 04-Oct-2010 11:06

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.827	6.833	-0.006	180761	986.741	4.9	124.71- 187.06	156.79
6.953	6.960	-0.007	78211	918.648	4.6	54.69- 82.04	67.84
7.023	7.030	-0.007	50080	948.800	4.7	36.75- 55.12	43.44
7.330	7.337	-0.007	90198	1008.21	5.0	62.12- 93.18	78.24
8.010	8.020	-0.010	127490	986.950	4.9	86.66- 129.98	110.59
8.560	8.573	-0.013	48211	885.587	4.4	33.81- 50.71	41.82
		Average of Peak Concentrations =			4.8		
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.273	2.273	0.000	179141	91.4055	0.46	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.107	9.120	-0.013	195447	94.4233	0.47	80.00- 120.00	100.00

QC Flag Legend

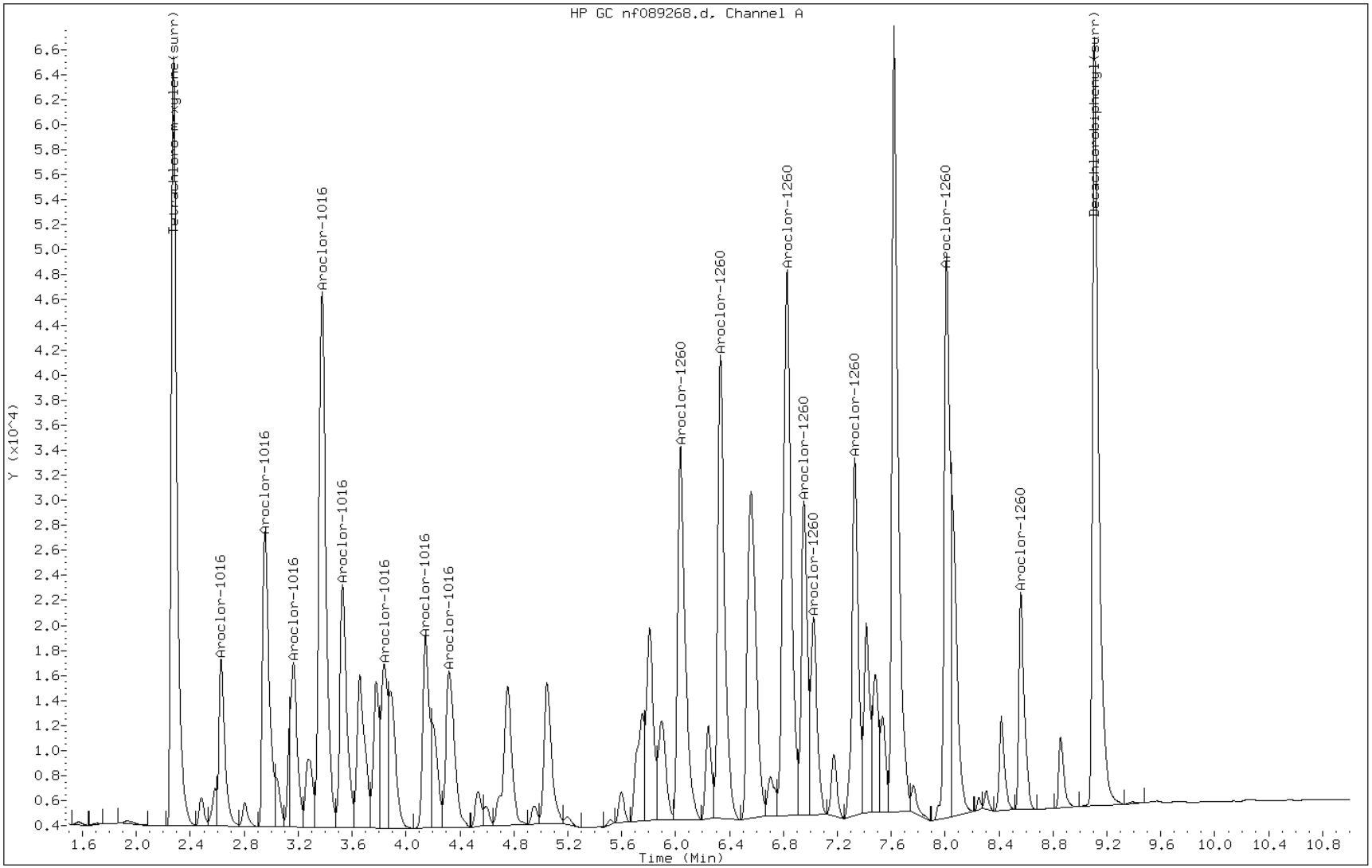
M - Compound response manually integrated.

Data File: nf089268.d

Date: 01-OCT-2010 05:40

Client ID: Instrument: PESTGC6.i

Sample Info: LCSD 460-50182/3-A Operator:



Manual Integration Report

Data File: nf089268.d
Inj. Date and Time: 01-OCT-2010 05:40
Instrument ID: PESTGC6.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/04/2010

Processing Integration Results

Not Detected

Expected RT: 2.62

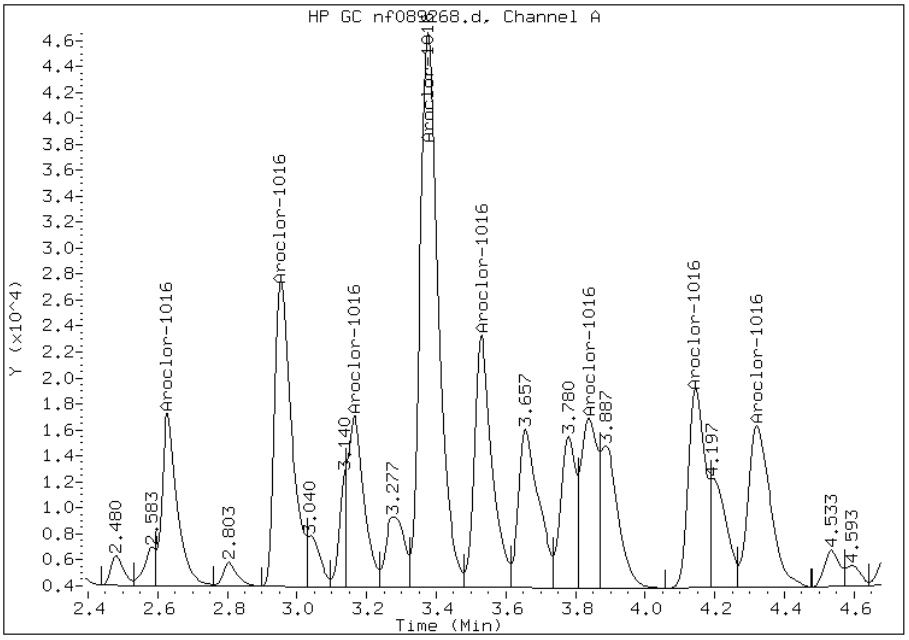
Manual Integration Results

RT: 2.63

Response: 41049

Amount: 965.77

Conc: 4.80



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: nf089268.d
Inj. Date and Time: 01-OCT-2010 05:40
Instrument ID: PESTGC6.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/04/2010

Processing Integration Results

Not Detected

Expected RT: 6.04

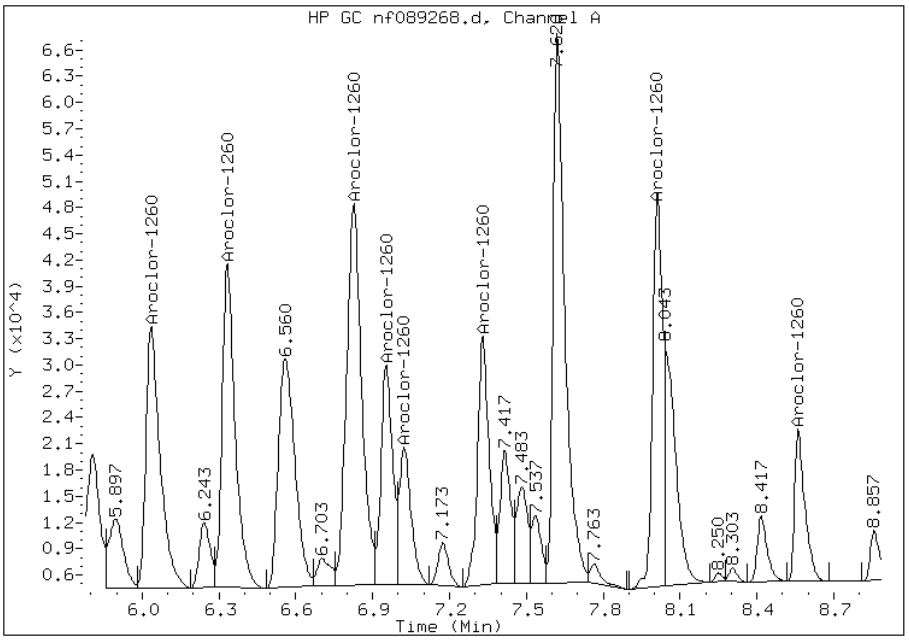
Manual Integration Results

RT: 6.04

Response: 115285

Amount: 964.00

Conc: 4.80



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

FORM I
PESTICIDES/PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-50182/3-A

Matrix: Water Lab File ID: nr089268.d

Analysis Method: 608 Date Collected:

Extraction Method: 608 Date Extracted: 09/28/2010 08:19

Sample wt/vol: 1000(mL) Date Analyzed: 10/01/2010 05:40

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.: 50656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.10		1.0	0.15
11104-28-2	Aroclor 1221	1.0	U	1.0	0.12
11141-16-5	Aroclor 1232	1.0	U	1.0	0.12
53469-21-9	Aroclor 1242	1.0	U	1.0	0.16
12672-29-6	Aroclor 1248	1.0	U	1.0	0.21
11097-69-1	Aroclor 1254	1.0	U	1.0	0.13
11096-82-5	Aroclor 1260	5.00		1.0	0.12
37324-23-5	Aroclor 1262	1.0	U	1.0	0.11
11100-14-4	Aroclor 1268	1.0	U	1.0	0.11

CAS NO.	SURROGATE	%REC	LIMITS	Q
877-09-8	Tetrachloro-m-xylene	95	38-138	
2051-24-3	DCB Decachlorobiphenyl	113	17-152	

Data File: nr089268.d
Report Date: 04-Oct-2010 11:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/nr089268.d
Lab Smp Id: LCSD 460-50182/3-A
Inj Date : 01-OCT-2010 05:40
Operator : Inst ID: PESTGC6.i
Smp Info : LCSD 460-50182/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC6.i/608/rear/Sep10/09-30-10/30sep10a.b/08Nr608.m
Meth Date : 01-Oct-2010 06:55 sita Quant Type: ESTD
Cal Date : 29-SEP-2010 08:37 Cal File: nr089099.d
Als bottle: 1 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PCB+.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

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.273	2.260	0.013	136530	966.533	4.8	80.00- 120.00	100.00(M)
2.513	2.503	0.010	211133	1008.58	5.0	106.98- 160.46	154.64
2.647	2.637	0.010	157849	999.831	5.0	78.72- 118.07	115.61
2.833	2.823	0.010	478860	1015.68	5.1	243.49- 365.23	350.74
2.943	2.933	0.010	182891	1036.32	5.2	92.59- 138.89	133.96
2.990	2.980	0.010	138861	1002.14	5.0	71.15- 106.72	101.71
3.103	3.103	0.000	227767	1096.61	5.5	227.45- 341.17	166.83
3.293	3.283	0.010	191695	1042.06	5.2	91.86- 137.79	140.41
		Average of Peak Concentrations =			5.1		
27 Aroclor-1260					CAS #: 11096-82-5		
4.807	4.803	0.004	277327	1042.33	5.2	80.00- 120.00	100.00(MH)
5.227	5.223	0.004	476940	1056.43	5.3	134.98- 202.47	171.98

Data File: nr089268.d
Report Date: 04-Oct-2010 11:05

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.637	5.633	0.004	487656	1002.89	5.0	140.71- 211.06	175.84
5.780	5.780	0.000	249889	981.447	4.9	73.71- 110.57	90.11
6.123	6.123	0.000	251474	1026.69	5.1	72.97- 109.46	90.68
6.917	6.907	0.010	322196	958.841	4.8	227.23- 340.84	116.18
7.020	7.020	0.000	161145	885.585	4.4	52.22- 78.33	58.11
7.663	7.663	0.000	160890	1048.00	5.2	47.63- 71.44	58.01
Average of Peak Concentrations =					5.0		
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.033	2.030	0.003	526473	95.4791	0.48	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.153	8.157	-0.004	414164	113.061	0.56	80.00- 120.00	100.00

QC Flag Legend

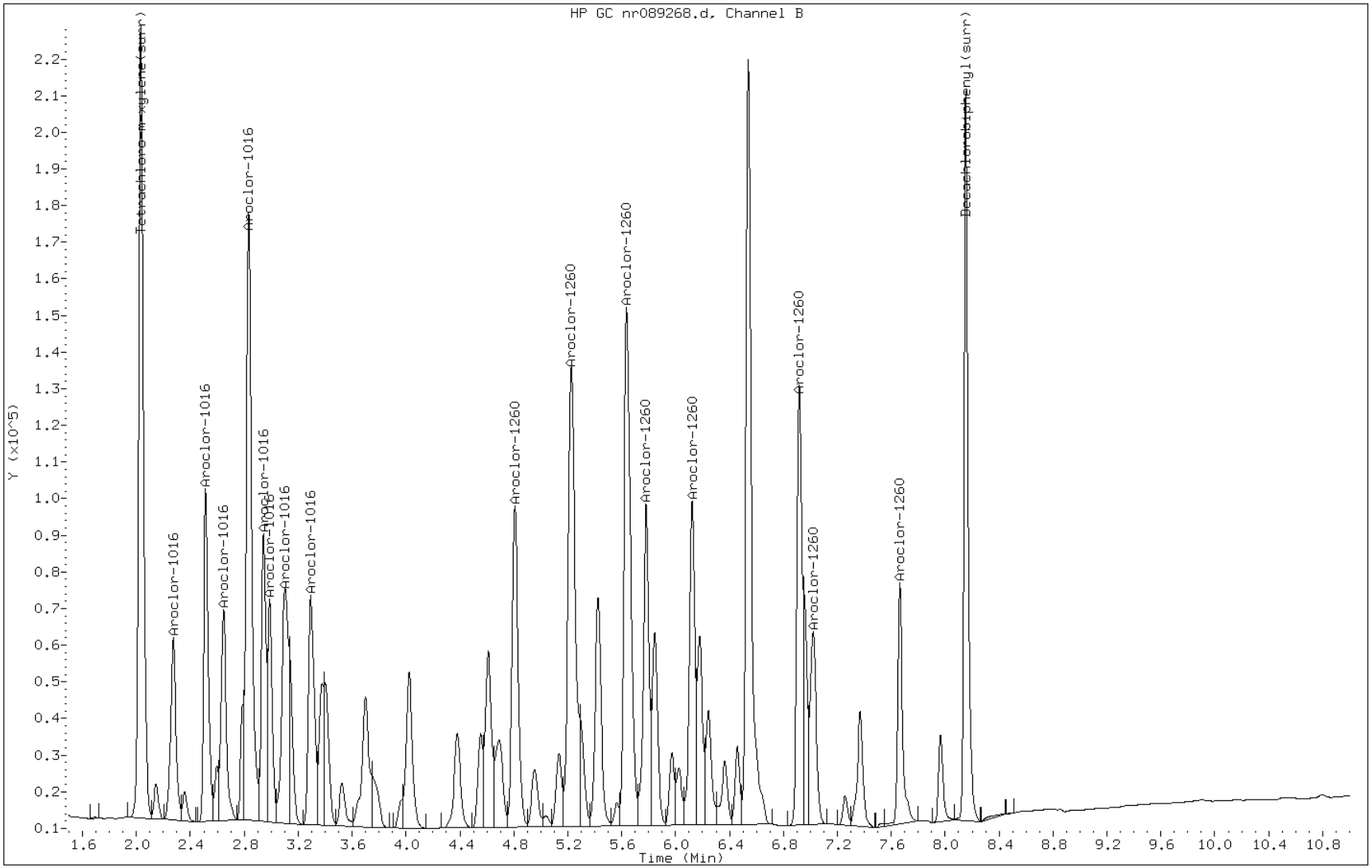
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: nr089268.d

Date: 01-OCT-2010 05:40

Client ID: Instrument: PESTGC6.i

Sample Info: LCSD 460-50182/3-A Operator:



Manual Integration Report

Data File: nr089268.d
Inj. Date and Time: 01-OCT-2010 05:40
Instrument ID: PESTGC6.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/04/2010

Processing Integration Results

Not Detected

Expected RT: 2.26

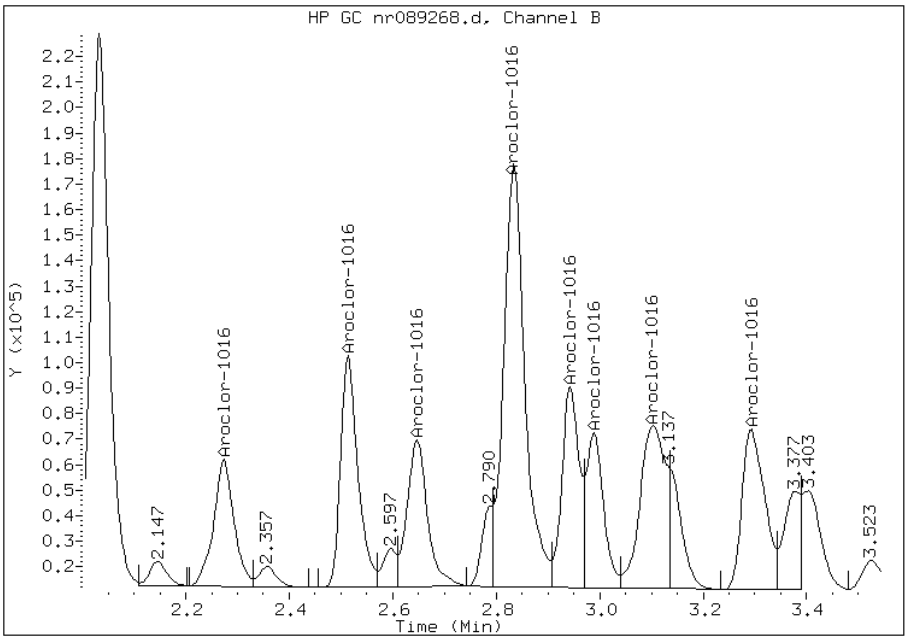
Manual Integration Results

RT: 2.27

Response: 136530

Amount: 1020.97

Conc: 5.10



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: nr089268.d
Inj. Date and Time: 01-OCT-2010 05:40
Instrument ID: PESTGC6.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/04/2010

Processing Integration Results

Not Detected

Expected RT: 4.80

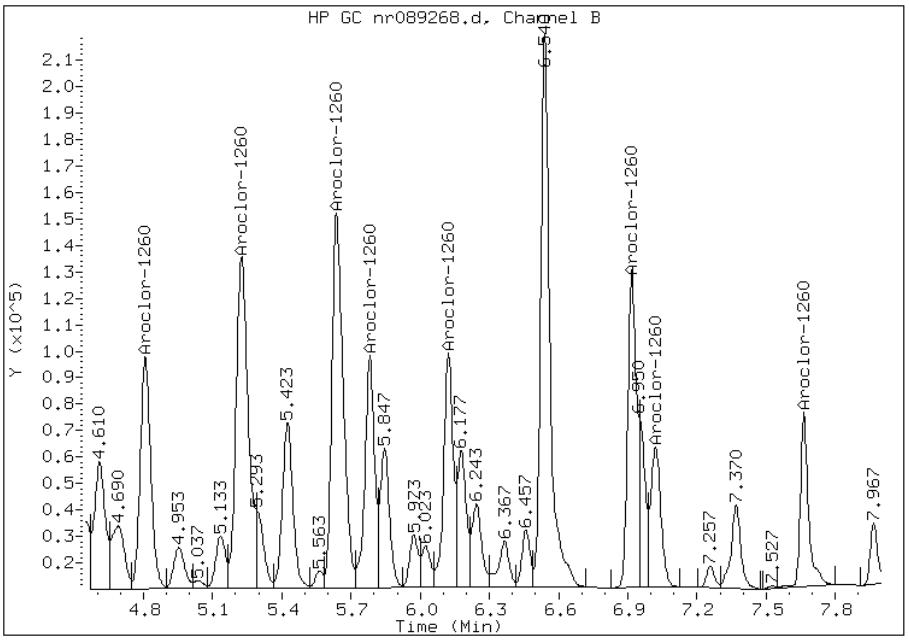
Manual Integration Results

RT: 4.81

Response: 277327

Amount: 1000.28

Conc: 5.00



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

PESTICIDES/PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: PESTGC6 Start Date: 09/28/2010 13:35

Analysis Batch Number: 50390 End Date: 09/29/2010 08:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-50390/1		09/28/2010 13:35	1		CLP-2 0.53(mm)
RINSE 460-50390/1		09/28/2010 13:35	1		CLP-1 0.53(mm)
ZZZZZ		09/28/2010 13:47	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 13:47	1		CLP-1 0.53(mm)
ZZZZZ		09/28/2010 14:00	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 14:00	1		CLP-1 0.53(mm)
ZZZZZ		09/28/2010 14:13	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 14:13	1		CLP-1 0.53(mm)
IC 460-50390/5		09/28/2010 14:25	1	nf089060.d	CLP-2 0.53(mm)
IC 460-50390/5		09/28/2010 14:25	1	nr089060.d	CLP-1 0.53(mm)
IC 460-50390/6		09/28/2010 14:38	1	nf089061.d	CLP-2 0.53(mm)
IC 460-50390/6		09/28/2010 14:38	1	nr089061.d	CLP-1 0.53(mm)
IC 460-50390/7		09/28/2010 14:51	1	nf089062.d	CLP-2 0.53(mm)
IC 460-50390/7		09/28/2010 14:51	1	nr089062.d	CLP-1 0.53(mm)
IC 460-50390/8		09/28/2010 15:03	1	nf089063.d	CLP-2 0.53(mm)
IC 460-50390/8		09/28/2010 15:03	1	nr089063.d	CLP-1 0.53(mm)
IC 460-50390/9		09/28/2010 15:16	1	nf089064.d	CLP-2 0.53(mm)
IC 460-50390/9		09/28/2010 15:16	1	nr089064.d	CLP-1 0.53(mm)
ZZZZZ		09/28/2010 15:29	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 15:29	1		CLP-1 0.53(mm)
ZZZZZ		09/28/2010 15:42	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 15:42	1		CLP-1 0.53(mm)
ZZZZZ		09/28/2010 15:54	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 15:54	1		CLP-1 0.53(mm)
ZZZZZ		09/28/2010 16:07	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 16:07	1		CLP-1 0.53(mm)
IC 460-50390/14		09/28/2010 16:24	1	nf089069.d	CLP-2 0.53(mm)
IC 460-50390/14		09/28/2010 16:24	1	nr089069.d	CLP-1 0.53(mm)
ZZZZZ		09/28/2010 16:36	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 16:36	1		CLP-1 0.53(mm)
IC 460-50390/16		09/28/2010 16:49	1	nf089071.d	CLP-2 0.53(mm)
IC 460-50390/16		09/28/2010 16:49	1	nr089071.d	CLP-1 0.53(mm)
IC 460-50390/17		09/28/2010 17:02	1	nf089072.d	CLP-2 0.53(mm)
IC 460-50390/17		09/28/2010 17:02	1	nr089072.d	CLP-1 0.53(mm)
ZZZZZ		09/28/2010 17:15	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 17:15	1		CLP-1 0.53(mm)
IC 460-50390/19		09/28/2010 17:28	1	nf089074.d	CLP-2 0.53(mm)
IC 460-50390/19		09/28/2010 17:28	1	nr089074.d	CLP-1 0.53(mm)
IC 460-50390/20		09/28/2010 17:40	1	nf089075.d	CLP-2 0.53(mm)
IC 460-50390/20		09/28/2010 17:40	1	nr089075.d	CLP-1 0.53(mm)
IC 460-50390/21		09/28/2010 17:53	1	nf089076.d	CLP-2 0.53(mm)
IC 460-50390/21		09/28/2010 17:53	1	nr089076.d	CLP-1 0.53(mm)
IC 460-50390/22		09/28/2010 18:06	1	nf089077.d	CLP-2 0.53(mm)
IC 460-50390/22		09/28/2010 18:06	1	nr089077.d	CLP-1 0.53(mm)
IC 460-50390/23		09/28/2010 18:19	1	nf089078.d	CLP-2 0.53(mm)

PESTICIDES/PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: PESTGC6 Start Date: 09/28/2010 13:35

Analysis Batch Number: 50390 End Date: 09/29/2010 08:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 460-50390/23		09/28/2010 18:19	1	nr089078.d	CLP-1 0.53(mm)
IC 460-50390/24		09/28/2010 18:31	1	nf089079.d	CLP-2 0.53(mm)
IC 460-50390/24		09/28/2010 18:31	1	nr089079.d	CLP-1 0.53(mm)
IC 460-50390/25		09/28/2010 18:44	1	nf089080.d	CLP-2 0.53(mm)
IC 460-50390/25		09/28/2010 18:44	1	nr089080.d	CLP-1 0.53(mm)
IC 460-50390/26		09/28/2010 18:57	1		CLP-2 0.53(mm)
IC 460-50390/26		09/28/2010 18:57	1		CLP-1 0.53(mm)
IC 460-50390/27		09/28/2010 19:10	1	nf089082.d	CLP-2 0.53(mm)
IC 460-50390/27		09/28/2010 19:10	1	nr089082.d	CLP-1 0.53(mm)
IC 460-50390/28		09/28/2010 19:22	1	nf089083.d	CLP-2 0.53(mm)
IC 460-50390/28		09/28/2010 19:22	1	nr089083.d	CLP-1 0.53(mm)
IC 460-50390/29		09/28/2010 19:35	1	nf089084.d	CLP-2 0.53(mm)
IC 460-50390/29		09/28/2010 19:35	1	nr089084.d	CLP-1 0.53(mm)
IC 460-50390/30		09/28/2010 19:48	1		CLP-2 0.53(mm)
IC 460-50390/30		09/28/2010 19:48	1		CLP-1 0.53(mm)
IC 460-50390/31		09/28/2010 20:00	1		CLP-2 0.53(mm)
IC 460-50390/31		09/28/2010 20:00	1		CLP-1 0.53(mm)
IC 460-50390/32		09/28/2010 20:13	1		CLP-2 0.53(mm)
IC 460-50390/32		09/28/2010 20:13	1		CLP-1 0.53(mm)
IC 460-50390/33		09/28/2010 20:26	1		CLP-2 0.53(mm)
IC 460-50390/33		09/28/2010 20:26	1		CLP-1 0.53(mm)
IC 460-50390/34		09/28/2010 20:39	1		CLP-2 0.53(mm)
IC 460-50390/34		09/28/2010 20:39	1		CLP-1 0.53(mm)
IC 460-50390/35		09/28/2010 20:51	1		CLP-2 0.53(mm)
IC 460-50390/35		09/28/2010 20:51	1		CLP-1 0.53(mm)
IC 460-50390/36		09/28/2010 21:04	1		CLP-2 0.53(mm)
IC 460-50390/36		09/28/2010 21:04	1		CLP-1 0.53(mm)
ZZZZZ		09/28/2010 21:17	1		CLP-2 0.53(mm)
ZZZZZ		09/28/2010 21:17	1		CLP-1 0.53(mm)
IC 460-50390/38		09/28/2010 21:29	1		CLP-2 0.53(mm)
IC 460-50390/38		09/28/2010 21:29	1		CLP-1 0.53(mm)
IC 460-50390/39		09/28/2010 21:42	1		CLP-2 0.53(mm)
IC 460-50390/39		09/28/2010 21:42	1		CLP-1 0.53(mm)
IC 460-50390/40		09/29/2010 07:32	1	nf089095.d	CLP-2 0.53(mm)
IC 460-50390/40		09/29/2010 07:32	1	nr089095.d	CLP-1 0.53(mm)
ZZZZZ		09/29/2010 08:00	1		CLP-2 0.53(mm)
ZZZZZ		09/29/2010 08:00	1		CLP-1 0.53(mm)
ZZZZZ		09/29/2010 08:12	1		CLP-2 0.53(mm)
ZZZZZ		09/29/2010 08:12	1		CLP-1 0.53(mm)
IC 460-50390/43		09/29/2010 08:24	1		CLP-2 0.53(mm)
IC 460-50390/43		09/29/2010 08:24	1		CLP-1 0.53(mm)
IC 460-50390/44		09/29/2010 08:37	1		CLP-2 0.53(mm)
IC 460-50390/44		09/29/2010 08:37	1		CLP-1 0.53(mm)
ZZZZZ		09/29/2010 08:51	1		CLP-2 0.53(mm)
ZZZZZ		09/29/2010 08:51	1		CLP-1 0.53(mm)

PESTICIDES/PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: PESTGC6 Start Date: 09/30/2010 12:46

Analysis Batch Number: 50656 End Date: 10/01/2010 11:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-50656/17		09/30/2010 12:46	1		CLP-2 0.53(mm)
RINSE 460-50656/17		09/30/2010 12:46	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 12:59	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 12:59	1		CLP-1 0.53(mm)
PEM 460-50656/19		09/30/2010 13:11	1	nf089196.d	CLP-2 0.53(mm)
PEM 460-50656/19		09/30/2010 13:11	1	nr089196.d	CLP-1 0.53(mm)
CCVRT 460-50656/20		09/30/2010 13:24	1	nf089197.d	CLP-2 0.53(mm)
CCVRT 460-50656/20		09/30/2010 13:24	1	nr089197.d	CLP-1 0.53(mm)
ZZZZZ		09/30/2010 13:37	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 13:37	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 13:50	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 13:50	1		CLP-1 0.53(mm)
CCV 460-50656/23		09/30/2010 14:20	1	nf089200.d	CLP-2 0.53(mm)
CCV 460-50656/23		09/30/2010 14:20	1	nr089200.d	CLP-1 0.53(mm)
CCV 460-50656/24		09/30/2010 14:56	1	nf089201.d	CLP-2 0.53(mm)
CCV 460-50656/24		09/30/2010 14:56	1	nr089201.d	CLP-1 0.53(mm)
IC 460-50656/25		09/30/2010 15:08	1	nf089202.d	CLP-2 0.53(mm)
IC 460-50656/25		09/30/2010 15:08	1	nr089202.d	CLP-1 0.53(mm)
IC 460-50656/26		09/30/2010 15:28	1	nf089203.d	CLP-2 0.53(mm)
IC 460-50656/26		09/30/2010 15:28	1	nr089203.d	CLP-1 0.53(mm)
ZZZZZ		09/30/2010 15:41	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 15:41	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 15:54	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 15:54	1		CLP-1 0.53(mm)
IC 460-50656/29		09/30/2010 16:07	1	nf089206.d	CLP-2 0.53(mm)
IC 460-50656/29		09/30/2010 16:07	1	nr089206.d	CLP-1 0.53(mm)
IC 460-50656/30		09/30/2010 16:39	1	nf089207.d	CLP-2 0.53(mm)
IC 460-50656/30		09/30/2010 16:39	1	nr089207.d	CLP-1 0.53(mm)
IC 460-50656/31		09/30/2010 16:51	1	nf089208.d	CLP-2 0.53(mm)
IC 460-50656/31		09/30/2010 16:51	1	nr089208.d	CLP-1 0.53(mm)
ZZZZZ		09/30/2010 17:08	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 17:08	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 17:20	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 17:20	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 17:33	2		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 17:33	2		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 17:46	2		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 17:46	2		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 17:59	2		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 17:59	2		CLP-1 0.53(mm)
RINSE 460-50656/37		09/30/2010 18:12	1		CLP-2 0.53(mm)
RINSE 460-50656/37		09/30/2010 18:12	1		CLP-1 0.53(mm)
RINSE 460-50656/38		09/30/2010 18:25	1		CLP-2 0.53(mm)
RINSE 460-50656/38		09/30/2010 18:25	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 18:37	1		CLP-2 0.53(mm)

PESTICIDES/PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: PESTGC6 Start Date: 09/30/2010 12:46

Analysis Batch Number: 50656 End Date: 10/01/2010 11:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/30/2010 18:37	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 18:50	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 18:50	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 19:03	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 19:03	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 19:15	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 19:15	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 19:28	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 19:28	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 19:41	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 19:41	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 19:54	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 19:54	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 20:07	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 20:07	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 20:19	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 20:19	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 20:32	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 20:32	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 20:45	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 20:45	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 20:58	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 20:58	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 21:10	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 21:10	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 21:23	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 21:23	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 21:36	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 21:36	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 21:49	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 21:49	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 22:02	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 22:02	1		CLP-1 0.53(mm)
RINSE 460-50656/64		09/30/2010 22:14	1		CLP-2 0.53(mm)
RINSE 460-50656/64		09/30/2010 22:14	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 22:27	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 22:27	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 22:40	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 22:40	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 22:53	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 22:53	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 23:06	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 23:06	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 23:18	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 23:18	1		CLP-1 0.53(mm)

608

PESTICIDES/PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: PESTGC6 Start Date: 09/30/2010 12:46

Analysis Batch Number: 50656 End Date: 10/01/2010 11:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/30/2010 23:31	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 23:31	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 23:44	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 23:44	1		CLP-1 0.53(mm)
ZZZZZ		09/30/2010 23:56	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2010 23:56	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 00:09	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 00:09	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 00:22	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 00:22	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 00:35	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 00:35	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 00:48	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 00:48	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 01:01	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 01:01	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 01:13	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 01:13	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 01:26	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 01:26	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 01:39	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 01:39	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 01:52	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 01:52	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 02:04	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 02:04	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 02:17	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 02:17	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 02:30	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 02:30	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 02:42	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 02:42	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 02:55	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 02:55	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 03:08	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 03:08	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 03:21	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 03:21	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 03:33	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 03:33	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 03:46	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 03:46	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 03:59	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 03:59	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 04:11	1		CLP-2 0.53(mm)

PESTICIDES/PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: PESTGC6 Start Date: 09/30/2010 12:46

Analysis Batch Number: 50656 End Date: 10/01/2010 11:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/01/2010 04:11	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 04:24	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 04:24	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 04:37	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 04:37	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 04:50	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 04:50	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 05:02	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 05:02	1		CLP-1 0.53(mm)
MB 460-50182/1-A		10/01/2010 05:15	1	nf089266.d	CLP-2 0.53(mm)
MB 460-50182/1-A		10/01/2010 05:15	1	nr089266.d	CLP-1 0.53(mm)
LCS 460-50182/2-A		10/01/2010 05:28	1	nf089267.d	CLP-2 0.53(mm)
LCS 460-50182/2-A		10/01/2010 05:28	1	nr089267.d	CLP-1 0.53(mm)
LCSD 460-50182/3-A		10/01/2010 05:40	1	nf089268.d	CLP-2 0.53(mm)
LCSD 460-50182/3-A		10/01/2010 05:40	1	nr089268.d	CLP-1 0.53(mm)
ZZZZZ		10/01/2010 05:53	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 05:53	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 08:14	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 08:14	1		CLP-1 0.53(mm)
460-17876-1	MW-18	10/01/2010 08:35	5	nf089274.d	CLP-2 0.53(mm)
460-17876-1	MW-18	10/01/2010 08:35	5	nr089274.d	CLP-1 0.53(mm)
ZZZZZ		10/01/2010 10:21	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 10:21	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 10:33	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 10:33	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 10:46	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 10:46	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 10:59	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 10:59	1		CLP-1 0.53(mm)
ZZZZZ		10/01/2010 11:12	1		CLP-2 0.53(mm)
ZZZZZ		10/01/2010 11:12	1		CLP-1 0.53(mm)

Organic Prep Worksheet

Batch Number: 460-50182
Method: 608
Analyst: Chen, Mandi

Date Open: Sep 28 2010 8:19AM
Batch End: Sep 28 2010 2:00PM

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	OP_PCBSP_00014	OPPSTPCBSU_00015
MB~460-50182/1		608, 608		7	1000 mL	5 mL		50 uL
LCS~460-50182/2		608, 608		7	1000 mL	5 mL	50 uL	50 uL
LCSD~460-50182/3		608, 608		7	1000 mL	5 mL	50 uL	50 uL
460-17876-J-1	MW-18	608, 608	T	7	990 mL	5 mL		50 uL

Person's name who did the prep:	MC
Prep Solvent Name:	MeCl2
Prep Solvent Lot #:	J31E52
Prep Solvent Volume Used:	180
Person's name who witnessed reagent drop:	JCR
Person's name who did the concentration:	MC
Exchange Solvent Name:	Hexane
Exchange Solvent Lot #:	J25E54
Concentration Start Time:	12:00PM
Concentration End Time:	14:00PM
Na2SO4 Lot Number:	J21585
Water Bath Temperature:	90

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
MW-18	460-17876-1

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-18 Lab Sample ID: 460-17876-1

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG ID.:

Matrix: WG Date Sampled: 09/22/2010 13:40

Reporting Basis: WET Date Received: 09/24/2010 14:02

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	5210	150	47.1	ug/L			1	200.7 Rev 4.4

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-18 Lab Sample ID: 460-17876-1

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG ID.:

Matrix: WG Date Sampled: 09/22/2010 13:40

Reporting Basis: WET Date Received: 09/24/2010 14:02

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	3950	150	47.1	ug/L			1	200.7 Rev 4.4

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

ICV Source: ME_CCV_T2_00023 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00023

Analyte	ICV 460-50967/5 10/04/2010 14:39				CCV 460-50967/17 10/04/2010 16:07				CCV 460-50967/29 10/04/2010 17:50			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	99870		100000	100	98710		100000	99	96550		100000	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

ICV Source: ME_CCV_T2_00023 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00023

Analyte	CCV 460-50967/63 10/04/2010 22:30				CCV 460-50967/75 10/04/2010 23:53							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	94300		100000	94	96160		100000	96				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

ICV Source: ME_CCV_DUO_00019 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00019

Analyte	ICV 460-51442/6 10/07/2010 19:26				CCV 460-51442/18 10/07/2010 20:06				CCV 460-51442/30 10/07/2010 20:45			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	101100		100000	101	100700		100000	101	98540		100000	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

ICV Source: ME_CCV_DUO_00019 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00019

Analyte	CCV 460-51442/42 10/07/2010 21:25											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	99550		100000	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-50967/6 10/04/2010 14:46		CCB 460-50967/18 10/04/2010 16:14		CCB 460-50967/30 10/04/2010 17:56		CCB 460-50967/64 10/04/2010 22:37	
		Found	C	Found	C	Found	C	Found	C
Iron	150	150	U	150	U	150	U	150	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-50967/76 10/05/2010 00:00							
		Found	C	Found	C	Found	C	Found	C
Iron	150	150	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-51442/7 10/07/2010 19:29		CCB 460-51442/19 10/07/2010 20:09		CCB 460-51442/31 10/07/2010 20:49		CCB 460-51442/43 10/07/2010 21:29	
		Found	C	Found	C	Found	C	Found	C
Iron	150	150	U	150	U	150	U	150	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-50757/1-A

Instrument Code: ICP2 Batch No.: 50967

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	150	U		200.7

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-50758/1-A

Instrument Code: ICP4 Batch No.: 51442

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	150	U		200.7

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSA 460-50967/7 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICSA_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Iron	**200000**	**202426**	**101**
Aluminum	*500000*	*504632*	*101*
Antimony		*0.376*	
Arsenic		*0.205*	
Barium		*2.66*	
Beryllium		*-0.0197*	
Boron		*-6.21*	
Cadmium		*-6.71*	
Calcium	*500000*	*479990*	*96*
Chromium		*7.43*	
Cobalt		*0.0572*	
Copper		*-1.78*	
Lead		*3.94*	
Magnesium	*500000*	*538546*	*108*
Manganese		*-7.08*	
Molybdenum		*11.3*	
Nickel		*-3.21*	
Potassium		*138*	
Selenium		*3.87*	
Silver		*0.850*	
Sodium		*-2.69*	
Thallium		*-3.27*	
Tin		*-3.02*	
Titanium		*-4.52*	
Vanadium		*1.25*	
Zinc		*-5.84*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSAB 460-50967/8 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICAB_00020

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**200000**	**202274**	**101**
Aluminum	*500000*	*506225*	*101*
Antimony	*100*	*100.0*	*100*
Arsenic	*100*	*104*	*104*
Barium	*100*	*107*	*107*
Beryllium	*100*	*98.8*	*99*
Boron	*100*	*92.6*	*93*
Cadmium	*100*	*93.2*	*93*
Calcium	*500000*	*479242*	*96*
Chromium	*100*	*108*	*108*
Cobalt	*100*	*99.7*	*100*
Copper	*100*	*101*	*101*
Lead	*100*	*105*	*105*
Magnesium	*500000*	*540807*	*108*
Manganese	*100*	*93.6*	*94*
Molybdenum	*100*	*112*	*112*
Nickel	*100*	*94.8*	*95*
Potassium	*10000*	*10400*	*104*
Selenium	*100*	*99.9*	*100*
Silver	*100*	*103*	*103*
Sodium	*10000*	*9709*	*97*
Thallium	*100*	*97.7*	*98*
Tin	*100*	*91.4*	*91*
Titanium	*100*	*99.2*	*99*
Vanadium	*100*	*102*	*102*
Zinc	*100*	*95.2*	*95*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSA 460-50967/15 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICSA_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Iron	**200000**	**195255**	**98**
Aluminum	*500000*	*492512*	*99*
Antimony		*0.304*	
Arsenic		*0.253*	
Barium		*2.75*	
Beryllium		*-0.0043*	
Boron		*-6.97*	
Cadmium		*-6.34*	
Calcium	*500000*	*468656*	*94*
Chromium		*6.79*	
Cobalt		*0.181*	
Copper		*-1.58*	
Lead		*4.27*	
Magnesium	*500000*	*526475*	*105*
Manganese		*-6.88*	
Molybdenum		*9.56*	
Nickel		*-3.43*	
Potassium		*88.3*	
Selenium		*2.55*	
Silver		*0.655*	
Sodium		*68.3*	
Thallium		*-3.42*	
Tin		*-4.07*	
Titanium		*-4.40*	
Vanadium		*1.10*	
Zinc		*-13.2*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSAB 460-50967/16 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICAB_00020

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**200000**	**204126**	**102**
Aluminum	*500000*	*511953*	*102*
Antimony	*100*	*103*	*103*
Arsenic	*100*	*104*	*104*
Barium	*100*	*108*	*108*
Beryllium	*100*	*99.8*	*100*
Boron	*100*	*95.0*	*95*
Cadmium	*100*	*95.2*	*95*
Calcium	*500000*	*486783*	*97*
Chromium	*100*	*110*	*110*
Cobalt	*100*	*102*	*102*
Copper	*100*	*102*	*102*
Lead	*100*	*104*	*104*
Magnesium	*500000*	*547280*	*109*
Manganese	*100*	*95.0*	*95*
Molybdenum	*100*	*114*	*114*
Nickel	*100*	*97.3*	*97*
Potassium	*10000*	*10632*	*106*
Selenium	*100*	*98.7*	*99*
Silver	*100*	*106*	*106*
Sodium	*10000*	*9903*	*99*
Thallium	*100*	*101*	*101*
Tin	*100*	*91.8*	*92*
Titanium	*100*	*102*	*102*
Vanadium	*100*	*104*	*104*
Zinc	*100*	*90.2*	*90*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSA 460-50967/38 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICSA_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Iron	**200000**	**193600**	**97**
Aluminum	*500000*	*494233*	*99*
Antimony		*1.91*	
Arsenic		*1.86*	
Barium		*2.84*	
Beryllium		*0.100*	
Boron		*-5.19*	
Cadmium		*-6.36*	
Calcium	*500000*	*473524*	*95*
Chromium		*7.24*	
Cobalt		*0.201*	
Copper		*-2.77*	
Lead		*5.06*	
Magnesium	*500000*	*526567*	*105*
Manganese		*-6.84*	
Molybdenum		*12.4*	
Nickel		*-2.57*	
Potassium		*111*	
Selenium		*1.36*	
Silver		*0.365*	
Sodium		*-135*	
Thallium		*-1.92*	
Tin		*-0.0988*	
Titanium		*-4.56*	
Vanadium		*0.843*	
Zinc		*-22.2*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSAB 460-50967/39 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICAB_00020

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**200000**	**195842**	**98**
Aluminum	*500000*	*503868*	*101*
Antimony	*100*	*104*	*104*
Arsenic	*100*	*101*	*101*
Barium	*100*	*106*	*106*
Beryllium	*100*	*95.8*	*96*
Boron	*100*	*93.1*	*93*
Cadmium	*100*	*92.7*	*93*
Calcium	*500000*	*479740*	*96*
Chromium	*100*	*109*	*109*
Cobalt	*100*	*100*	*100*
Copper	*100*	*101*	*101*
Lead	*100*	*102*	*102*
Magnesium	*500000*	*536931*	*107*
Manganese	*100*	*92.9*	*93*
Molybdenum	*100*	*110*	*110*
Nickel	*100*	*95.4*	*95*
Potassium	*10000*	*10476*	*105*
Selenium	*100*	*97.6*	*98*
Silver	*100*	*105*	*105*
Sodium	*10000*	*9557*	*96*
Thallium	*100*	*93.2*	*93*
Tin	*100*	*87.4*	*87*
Titanium	*100*	*99.8*	*100*
Vanadium	*100*	*102*	*102*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSA 460-50967/61 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICSA_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Iron	**200000**	**192033**	**96**
Aluminum	*500000*	*497425*	*99*
Antimony		*-3.82*	
Arsenic		*-0.398*	
Barium		*3.41*	
Beryllium		*0.226*	
Boron		*-6.35*	
Cadmium		*-5.98*	
Calcium	*500000*	*477519*	*96*
Chromium		*7.15*	
Cobalt		*0.280*	
Copper		*-1.86*	
Lead		*6.17*	
Magnesium	*500000*	*531012*	*106*
Manganese		*-6.77*	
Molybdenum		*11.7*	
Nickel		*-2.73*	
Potassium		*132*	
Selenium		*-3.34*	
Silver		*0.139*	
Sodium		*-61.5*	
Thallium		*-4.13*	
Tin		*-1.00*	
Titanium		*-4.23*	
Vanadium		*1.52*	
Zinc		*-21.1*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSAB 460-50967/62 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICAB_00020

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**200000**	**193467**	**97**
Aluminum	*500000*	*501419*	*100*
Antimony	*100*	*103*	*103*
Arsenic	*100*	*105*	*105*
Barium	*100*	*105*	*105*
Beryllium	*100*	*94.5*	*95*
Boron	*100*	*89.6*	*90*
Cadmium	*100*	*92.2*	*92*
Calcium	*500000*	*478811*	*96*
Chromium	*100*	*108*	*108*
Cobalt	*100*	*99.8*	*100*
Copper	*100*	*98.8*	*99*
Lead	*100*	*101*	*101*
Magnesium	*500000*	*534643*	*107*
Manganese	*100*	*92.2*	*92*
Molybdenum	*100*	*110*	*110*
Nickel	*100*	*94.1*	*94*
Potassium	*10000*	*10610*	*106*
Selenium	*100*	*93.5*	*93*
Silver	*100*	*104*	*104*
Sodium	*10000*	*9649*	*96*
Thallium	*100*	*94.1*	*94*
Tin	*100*	*82.4*	*82*
Titanium	*100*	*98.9*	*99*
Vanadium	*100*	*100*	*100*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSA 460-50967/82 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICSA_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Iron	**200000**	**190961**	**95**
Aluminum	*500000*	*493753*	*99*
Antimony		*-1.81*	
Arsenic		*-0.852*	
Barium		*4.03*	
Beryllium		*0.229*	
Boron		*-6.20*	
Cadmium		*-6.25*	
Calcium	*500000*	*473930*	*95*
Chromium		*7.91*	
Cobalt		*0.773*	
Copper		*-1.02*	
Lead		*5.62*	
Magnesium	*500000*	*527487*	*105*
Manganese		*-6.57*	
Molybdenum		*10.2*	
Nickel		*-3.04*	
Potassium		*123*	
Selenium		*-1.30*	
Silver		*2.04*	
Sodium		*16.7*	
Thallium		*-1.67*	
Tin		*-2.42*	
Titanium		*-3.81*	
Vanadium		*2.66*	
Zinc		*-18.7*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSAB 460-50967/83 Instrument ID: ICP2

Lab File ID: 50757V1 ICS Source: ME_T2_ICAB_00020

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**200000**	**196069**	**98**
Aluminum	*500000*	*508982*	*102*
Antimony	*100*	*102*	*102*
Arsenic	*100*	*105*	*105*
Barium	*100*	*106*	*106*
Beryllium	*100*	*95.7*	*96*
Boron	*100*	*91.0*	*91*
Cadmium	*100*	*93.0*	*93*
Calcium	*500000*	*486155*	*97*
Chromium	*100*	*110*	*110*
Cobalt	*100*	*102*	*102*
Copper	*100*	*100*	*100*
Lead	*100*	*103*	*103*
Magnesium	*500000*	*543524*	*109*
Manganese	*100*	*94.0*	*94*
Molybdenum	*100*	*110*	*110*
Nickel	*100*	*94.7*	*95*
Potassium	*10000*	*10842*	*108*
Selenium	*100*	*96.7*	*97*
Silver	*100*	*105*	*105*
Sodium	*10000*	*9925*	*99*
Thallium	*100*	*91.7*	*92*
Tin	*100*	*83.0*	*83*
Titanium	*100*	*100*	*100*
Vanadium	*100*	*102*	*102*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSA 460-51442/8 Instrument ID: ICP4

Lab File ID: 10082010.txt ICS Source: ME_ICSA_Duo_00018

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Iron	**200000**	**189000**	**94**
Aluminum	*500000*	*491300*	*98*
Antimony		*4.43*	
Arsenic		*0.778*	
Barium		*5.61*	
Beryllium		*-0.0536*	
Boron		*-0.165*	
Cadmium		*0.818*	
Calcium	*500000*	*468900*	*94*
Chromium		*0.0830*	
Cobalt		*0.370*	
Copper		*1.77*	
Lead		*1.46*	
Magnesium	*500000*	*491100*	*98*
Manganese		*-0.494*	
Molybdenum		*-1.99*	
Nickel		*-1.65*	
Potassium		*159*	
Selenium		*2.49*	
Silver		*1.09*	
Sodium		*52.8*	
Strontium		*0.768*	
Thallium		*5.39*	
Tin		*-1.01*	
Titanium		*0.930*	
Vanadium		*-3.38*	
Zinc		*2.28*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSAB 460-51442/9 Instrument ID: ICP4

Lab File ID: 10082010.txt ICS Source: ME_ICSAB_DUO_00018

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**200000**	**191600**	**96**
Aluminum	*500000*	*500800*	*100*
Antimony	*100*	*104*	*104*
Arsenic	*100*	*94.6*	*95*
Barium	*100*	*103*	*103*
Beryllium	*100*	*96.9*	*97*
Boron	*100*	*94.7*	*95*
Cadmium	*100*	*94.1*	*94*
Calcium	*500000*	*470400*	*94*
Chromium	*100*	*98.4*	*98*
Cobalt	*100*	*93.7*	*94*
Copper	*100*	*97.5*	*98*
Lead	*100*	*94.4*	*94*
Magnesium	*500000*	*497700*	*100*
Manganese	*100*	*98.5*	*98*
Molybdenum	*100*	*92.9*	*93*
Nickel	*100*	*91.9*	*92*
Potassium	*10000*	*10160*	*102*
Selenium	*100*	*97.9*	*98*
Silver	*100*	*102*	*102*
Sodium	*10000*	*10080*	*101*
Strontium	*100*	*101*	*100*
Thallium	*100*	*86.1*	*86*
Tin	*100*	*93.1*	*93*
Titanium	*100*	*99.9*	*100*
Vanadium	*100*	*92.7*	*93*
Zinc	*100*	*98.8*	*99*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSA 460-51442/40 Instrument ID: ICP4

Lab File ID: 10082010.txt ICS Source: ME_ICSA_Duo_00018

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Iron	**200000**	**190800**	**95**
Aluminum	*500000*	*481900*	*96*
Antimony		*4.07*	
Arsenic		*1.12*	
Barium		*4.82*	
Beryllium		*-0.0587*	
Boron		*18.1*	
Cadmium		*1.15*	
Calcium	*500000*	*461800*	*92*
Chromium		*-0.127*	
Cobalt		*0.182*	
Copper		*-1.94*	
Lead		*-0.911*	
Magnesium	*500000*	*498500*	*100*
Manganese		*-1.01*	
Molybdenum		*-2.55*	
Nickel		*-1.96*	
Potassium		*72.2*	
Selenium		*-4.52*	
Silver		*0.804*	
Sodium		*310*	
Strontium		*0.442*	
Thallium		*1.69*	
Tin		*0.699*	
Titanium		*0.471*	
Vanadium		*-4.43*	
Zinc		*-1.09*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSAB 460-51442/41 Instrument ID: ICP4

Lab File ID: 10082010.txt ICS Source: ME_ICSAB_DUO_00018

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**200000**	**188900**	**94**
Aluminum	*500000*	*494900*	*99*
Antimony	*100*	*102*	*102*
Arsenic	*100*	*95.3*	*95*
Barium	*100*	*103*	*103*
Beryllium	*100*	*95.0*	*95*
Boron	*100*	*104*	*104*
Cadmium	*100*	*94.0*	*94*
Calcium	*500000*	*462800*	*93*
Chromium	*100*	*97.9*	*98*
Cobalt	*100*	*92.6*	*93*
Copper	*100*	*96.2*	*96*
Lead	*100*	*94.0*	*94*
Magnesium	*500000*	*491400*	*98*
Manganese	*100*	*98.1*	*98*
Molybdenum	*100*	*91.8*	*92*
Nickel	*100*	*91.7*	*92*
Potassium	*10000*	*10190*	*102*
Selenium	*100*	*90.1*	*90*
Silver	*100*	*100*	*100*
Sodium	*10000*	*10440*	*104*
Strontium	*100*	*100*	*100*
Thallium	*100*	*91.0*	*91*
Tin	*100*	*93.7*	*94*
Titanium	*100*	*96.9*	*97*
Vanadium	*100*	*93.4*	*93*
Zinc	*100*	*93.3*	*93*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSA 460-51442/86 Instrument ID: ICP4

Lab File ID: 10082010.txt ICS Source: ME_ICSA_Duo_00018

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Iron	**200000**	**189300**	**95**
Aluminum	*500000*	*495600*	*99*
Antimony		*3.99*	
Arsenic		*0.465*	
Barium		*5.42*	
Beryllium		*-0.0212*	
Boron		*0.0475*	
Cadmium		*1.46*	
Calcium	*500000*	*468000*	*94*
Chromium		*-0.180*	
Cobalt		*0.253*	
Copper		*0.832*	
Lead		*-1.38*	
Magnesium	*500000*	*494100*	*99*
Manganese		*-0.898*	
Molybdenum		*-2.76*	
Nickel		*-1.59*	
Potassium		*-35.1*	
Selenium		*-6.55*	
Silver		*1.14*	
Sodium		*49.5*	
Strontium		*0.497*	
Thallium		*3.12*	
Tin		*-0.0907*	
Titanium		*0.730*	
Vanadium		*-3.99*	
Zinc		*-0.361*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Lab Sample ID: ICSAB 460-51442/87 Instrument ID: ICP4

Lab File ID: 10082010.txt ICS Source: ME_ICSAB_DUO_00018

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**200000**	**193100**	**97**
Aluminum	*500000*	*489400*	*98*
Antimony	*100*	*103*	*103*
Arsenic	*100*	*99.2*	*99*
Barium	*100*	*106*	*106*
Beryllium	*100*	*93.9*	*94*
Boron	*100*	*96.5*	*96*
Cadmium	*100*	*96.4*	*96*
Calcium	*500000*	*462600*	*93*
Chromium	*100*	*98.2*	*98*
Cobalt	*100*	*93.6*	*94*
Copper	*100*	*98.9*	*99*
Lead	*100*	*91.6*	*92*
Magnesium	*500000*	*503500*	*101*
Manganese	*100*	*99.0*	*99*
Molybdenum	*100*	*94.0*	*94*
Nickel	*100*	*94.9*	*95*
Potassium	*10000*	*10330*	*103*
Selenium	*100*	*95.7*	*96*
Silver	*100*	*101*	*101*
Sodium	*10000*	*10480*	*105*
Strontium	*100*	*100*	*100*
Thallium	*100*	*103*	*102*
Tin	*100*	*95.6*	*96*
Titanium	*100*	*95.9*	*96*
Vanadium	*100*	*94.1*	*94*
Zinc	*100*	*97.7*	*98*

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: _____ Lab ID: 460-17914-A-6-C MS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR C		Sample Result (SR) C		Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	969.3		150	U	1000	97	70-130		200.7 Rev 4.4

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: _____ Lab ID: 460-17835-D-6-C MS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	2171		1190		1000	98	70-130		200.7 Rev 4.4

SSR = Spiked Sample Result

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

FORM VA - IN

6-IN
DUPLICATES
METALS - DISSOLVED

Client ID: _____ Lab ID: 460-17914-A-6-B DU

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	150	150	U	150	U	NC		200.7 Rev 4.4

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

FORM VI-IN

6-IN
DUPLICATES
METALS - TOTAL RECOVERABLE

Client ID: _____ Lab ID: 460-17835-D-6-B DU

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	150	1190		1186		0.5		200.7 Rev 4.4

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

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 460-50757/2-A

Lab Name: TestAmerica Edison Job No.: 460-17876-1

Sample Matrix: Water LCS Source: ME_LCS-int_00021

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	1000	990.0		99	85	115		200.7 Rev 4.4

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 460-50758/2-A

Lab Name: TestAmerica Edison Job No.: 460-17876-1

Sample Matrix: Water LCS Source: ME_LCS-int_00021

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	1000	970.8		97	85	115		200.7 Rev 4.4

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

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - DISSOLVED

Lab ID: 460-17914-A-6-A SD ^5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-17876-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	150	U	750	U	NC		200.7 Rev 4.4

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TOTAL RECOVERABLE

Lab ID: 460-17835-D-6-A SD ^5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-17876-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	1190		1191		NC		200.7 Rev 4.4

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: ICP4

Analysis Method: 200.7 Rev 4.4 MDL Date: 12/29/2008 15:19

Prep Method: 200.7

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	271.4	150	47.08

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: ICP4

Analysis Method: 200.7 Rev 4.4 XMDL Date: 01/01/2009 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Iron		150	47.08

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: ICP2

Analysis Method: 200.7 Rev 4.4 MDL Date: 12/29/2008 15:19

Prep Method: 200.7

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	271.4	150	47.08

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: ICP2

Analysis Method: 200.7 Rev 4.4 XMDL Date: 01/01/2009 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Iron		150	47.08

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 04/01/2010

Analyte	Wave Length	Al	B	Ba	Ca	Co	Cr	Fe	K	Mg	Mn	Mo	Ni	Ti	Tl
Aluminum	308.22														
Antimony	206.84														
Arsenic	189.04		0.0001740				0.0001040					0.0004160		0.0001080	0.0001080
Barium	493.40														
Beryllium	313.04													-0.0000510	-0.0000510
Bismuth															
Boron															
Cadmium	226.50							0.0000690							
Calcium	317.93														
Chromium	267.72	0.000020													
Cobalt	228.62											-0.001360		0.0020970	0.0020970
Copper	324.75							0.000005							
Gold			0.0001740				0.0001040					0.0004160		0.0001080	0.0001080
Iron	271.44	0.0000450				0.0871100	0.0022660					0.017630		0.011300	0.011300
Lanthanum															
Lead	220.35	0.0000063			-0.0000043	0.0001306		0.0000635		0.0000083	0.0001164	-0.0007679	0.0002070	-0.0003367	-0.0003367
Lithium															
Lutetium															
Magnesium	383.20														
Manganese	257.61									0.000026					
Molybdenum															
Nickel	231.60					-0.000690									
Palladium															
Phosphorus															
Potassium	766.49														
Selenium	196.03			-0.0000499	0.0000029	-0.0001052		-0.0001964	-0.0000132		0.0004928	0.0000802			
Silicon															
Silver	328.07	0	0	0	0			0.000005			0.0002370				
Sodium	330.22	0.0003150			0.0002630			0.0005540		0.000294				-0.0612380	-0.0612380
Strontium															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 04/01/2010

Analyte	Wave Length	Al	B	Ba	Ca	Co	Cr	Fe	K	Mg	Mn	Mo	Ni	Ti	Tl
Sulfur															
Thallium	190.86	-0.0000100			-0.000040	0.0048490	0.0004180	-0.000058			0.0011140	-0.0037500		0.0008000	
Thorium															
Tin															
Titanium															
Tungsten															
Uranium															
Vanadium	292.40						-0.002000							0.0009000	
Yttrium															
Zinc	206.20						-0.0269000								
Zirconium															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 04/01/2010

Analyte	Wave Length	V	Zn												
Aluminum	308.22	0.0264690													
Antimony	206.84														
Arsenic	189.04														
Barium	493.40														
Beryllium	313.04	-0.0003240													
Bismuth															
Boron															
Cadmium	226.50														
Calcium	317.93														
Chromium	267.72	-0.0001650													
Cobalt	228.62														
Copper	324.75														
Gold															
Iron	271.44	0.0090183													
Lanthanum															
Lead	220.35	-0.0001350													
Lithium															
Lutetium															
Magnesium	383.20														
Manganese	257.61														
Molybdenum															
Nickel	231.60														
Palladium															
Phosphorus															
Potassium	766.49														
Selenium	196.03	0.0006768													
Silicon															
Silver	328.07														
Sodium	330.22		0.057494												
Strontium															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 04/01/2010

Analyte	Wave Length	V	Zn												
Sulfur															
Thallium	190.86	0.0021770													
Thorium															
Tin															
Titanium															
Tungsten															
Uranium															
Vanadium	292.40														
Yttrium															
Zinc	206.20														
Zirconium															

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-17876-1

SDG No.:

Instrument ID: ICP2 Date: 01/06/2009 11:12

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Iron		200000	200.7 Rev 4.4

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-17876-1

SDG No.:

Instrument ID: ICP4 Date: 01/06/2009 11:38

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Iron		200000	200.7 Rev 4.4

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Preparation Method: 200.7

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-50757/1-A	10/01/2010 17:00	50757		100	100
LCS 460-50757/2-A	10/01/2010 17:00	50757		100	100
460-17914-A-6-B DU	10/01/2010 17:00	50757		100	100
460-17914-A-6-C MS	10/01/2010 17:00	50757		100	100
460-17876-1	10/01/2010 17:00	50757		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Preparation Method: 200.7

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-50758/1-A	10/01/2010 17:25	50758		100	100
LCS 460-50758/2-A	10/01/2010 17:25	50758		100	100
460-17835-D-6-B DU	10/01/2010 17:25	50758		100	100
460-17835-D-6-C MS	10/01/2010 17:25	50758		100	100
460-17876-1	10/01/2010 17:25	50758		100	100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: ICP2 Method: 200.7 Rev 4.4

Start Date: 10/04/2010 14:12 End Date: 10/05/2010 01:01

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe																			
ZZZZZZ			14:12																				
ZZZZZZ			14:19																				
ZZZZZZ			14:26																				
ZZZZZZ			14:33																				
ICV 460-50967/5	1		14:39	X																			
ICB 460-50967/6	1		14:46	X																			
ICSA 460-50967/7	1		14:53	X																			
ICSAB 460-50967/8	1		15:00	X																			
ZZZZZZ			15:06																				
ZZZZZZ			15:20																				
MB 460-50757/1-A	1	R	15:27	X																			
LCS 460-50757/2-A	1	R	15:34	X																			
ZZZZZZ			15:40																				
ZZZZZZ			15:47																				
ICSA 460-50967/15	1		15:54	X																			
ICSAB 460-50967/16	1		16:00	X																			
CCV 460-50967/17	1		16:07	X																			
CCB 460-50967/18	1		16:14	X																			
460-17914-A-6-B DU	1	D	16:21	X																			
ZZZZZZ			16:27																				
460-17914-A-6-A SD ^5	5	D	16:56	X																			
460-17914-A-6-C MS	1	D	17:02	X																			
ZZZZZZ			17:09																				
ZZZZZZ			17:16																				
ZZZZZZ			17:23																				
ZZZZZZ			17:29																				
ZZZZZZ			17:36																				
ZZZZZZ			17:43																				
CCV 460-50967/29	1		17:50	X																			
CCB 460-50967/30	1		17:56	X																			
ZZZZZZ			18:03																				
ZZZZZZ			18:10																				
ZZZZZZ			18:17																				
ZZZZZZ			18:23																				
ZZZZZZ			18:30																				
ZZZZZZ			18:37																				
ZZZZZZ			18:44																				
ICSA 460-50967/38	1		18:50	X																			
ICSAB 460-50967/39	1		18:57	X																			
CCV 460-50967/40			19:04																				
CCB 460-50967/41			19:11																				
ZZZZZZ			19:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: ICP2 Method: 200.7 Rev 4.4

Start Date: 10/04/2010 14:12 End Date: 10/05/2010 01:01

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe																			
ZZZZZZ			20:15																				
ZZZZZZ			20:22																				
ZZZZZZ			20:29																				
ZZZZZZ			20:36																				
ZZZZZZ			20:42																				
ZZZZZZ			20:49																				
ZZZZZZ			20:56																				
ZZZZZZ			21:03																				
ZZZZZZ			21:09																				
CCV 460-50967/52			21:16																				
CCB 460-50967/53			21:23																				
ZZZZZZ			21:30																				
ZZZZZZ			21:36																				
ZZZZZZ			21:43																				
ZZZZZZ			21:50																				
ZZZZZZ			21:57																				
ZZZZZZ			22:03																				
ZZZZZZ			22:10																				
ICSA 460-50967/61	1		22:17	X																			
ICSAB 460-50967/62	1		22:24	X																			
CCV 460-50967/63	1		22:30	X																			
CCB 460-50967/64	1		22:37	X																			
ZZZZZZ			22:45																				
460-17876-1	1	D	22:52	X																			
ZZZZZZ			22:59																				
ZZZZZZ			23:06																				
ZZZZZZ			23:13																				
ZZZZZZ			23:19																				
ZZZZZZ			23:26																				
ZZZZZZ			23:33																				
ZZZZZZ			23:40																				
ZZZZZZ			23:46																				
CCV 460-50967/75	1		23:53	X																			
CCB 460-50967/76	1		00:00	X																			
ZZZZZZ			00:07																				
ZZZZZZ			00:13																				
ZZZZZZ			00:20																				
ZZZZZZ			00:27																				
ZZZZZZ			00:34																				
ICSA 460-50967/82	1		00:41	X																			
ICSAB 460-50967/83	1		00:47	X																			
CCV 460-50967/84			00:54																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: ICP2 Method: 200.7 Rev 4.4

Start Date: 10/04/2010 14:12 End Date: 10/05/2010 01:01

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe																			
CCB 460-50967/85			01:01																				

Prep Types

D = Dissolved

R = Total Recoverable

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: ICP4 Method: 200.7 Rev 4.4

Start Date: 10/07/2010 19:09 End Date: 10/08/2010 00:03

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe																			
ZZZZZZ			19:09																				
ZZZZZZ			19:12																				
ZZZZZZ			19:15																				
ZZZZZZ			19:18																				
ZZZZZZ			19:22																				
ICV 460-51442/6	1		19:26	X																			
ICB 460-51442/7	1		19:29	X																			
ICSA 460-51442/8	1		19:33	X																			
ICSAB 460-51442/9	1		19:36	X																			
ZZZZZZ			19:40																				
MB 460-50758/1-A	1	R	19:43	X																			
LCS 460-50758/2-A	1	R	19:47	X																			
460-17835-D-6-B DU	1	R	19:50	X																			
ZZZZZZ			19:53																				
460-17835-D-6-A SD ^5	5	R	19:56	X																			
460-17835-D-6-C MS	1	R	19:59	X																			
ZZZZZZ			20:02																				
CCV 460-51442/18	1		20:06	X																			
CCB 460-51442/19	1		20:09	X																			
ZZZZZZ			20:13																				
ZZZZZZ			20:16																				
ZZZZZZ			20:19																				
ZZZZZZ			20:22																				
ZZZZZZ			20:26																				
ZZZZZZ			20:29																				
ZZZZZZ			20:32																				
ZZZZZZ			20:35																				
ZZZZZZ			20:39																				
ZZZZZZ			20:42																				
CCV 460-51442/30	1		20:45	X																			
CCB 460-51442/31	1		20:49	X																			
460-17876-1	1	R	20:52	X																			
ZZZZZZ			20:55																				
ZZZZZZ			20:59																				
ZZZZZZ			21:02																				
ZZZZZZ			21:05																				
ZZZZZZ			21:08																				
ZZZZZZ			21:12																				
ZZZZZZ			21:15																				
ICSA 460-51442/40	1		21:18	X																			
ICSAB 460-51442/41	1		21:22	X																			
CCV 460-51442/42	1		21:25	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: ICP4 Method: 200.7 Rev 4.4

Start Date: 10/07/2010 19:09 End Date: 10/08/2010 00:03

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe																				
CCB 460-51442/43	1		21:29	X																				
ZZZZZZ			21:32																					
ZZZZZZ			21:36																					
ZZZZZZ			21:39																					
ZZZZZZ			21:42																					
ZZZZZZ			21:46																					
ZZZZZZ			21:49																					
ZZZZZZ			21:52																					
ZZZZZZ			21:55																					
ZZZZZZ			21:59																					
ZZZZZZ			22:02																					
CCV 460-51442/54			22:05																					
CCB 460-51442/55			22:09																					
ZZZZZZ			22:12																					
ZZZZZZ			22:16																					
ZZZZZZ			22:19																					
ZZZZZZ			22:23																					
ZZZZZZ			22:27																					
ZZZZZZ			22:30																					
ZZZZZZ			22:33																					
ZZZZZZ			22:37																					
ZZZZZZ			22:40																					
ZZZZZZ			22:43																					
CCV 460-51442/66			22:46																					
CCB 460-51442/67			22:50																					
ZZZZZZ			22:53																					
ZZZZZZ			22:57																					
ZZZZZZ			23:00																					
ZZZZZZ			23:03																					
ZZZZZZ			23:06																					
ZZZZZZ			23:10																					
ZZZZZZ			23:13																					
ZZZZZZ			23:16																					
ZZZZZZ			23:19																					
ZZZZZZ			23:22																					
CCV 460-51442/78			23:26																					
CCB 460-51442/79			23:29																					
ZZZZZZ			23:33																					
ZZZZZZ			23:36																					
ZZZZZZ			23:39																					
ZZZZZZ			23:42																					
ZZZZZZ			23:46																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: ICP4 Method: 200.7 Rev 4.4

Start Date: 10/07/2010 19:09 End Date: 10/08/2010 00:03

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe																			
ZZZZZZ			23:49																				
ICSA 460-51442/86	1		23:52	X																			
ICSAB 460-51442/87	1		23:56	X																			
CCV 460-51442/88			23:59																				
CCB 460-51442/89			00:03																				

Prep Types

R = Total Recoverable

Metals Worksheet

Batch Number: 460-50663
Method: FILTRATION
Analyst: Sanagavarapu, Suguna

Date Open: Oct 01 2010 9:16AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample
460-18059-A-1			D	400 mL	400 mL
460-17988-J-7			D	100 mL	100 mL
460-17988-I-8			D	100 mL	100 mL
460-17988-J-9			D	100 mL	100 mL
460-17988-J-10			D	100 mL	100 mL
460-17988-H-11			D	100 mL	100 mL
460-17988-I-12			D	100 mL	100 mL
460-17988-I-13			D	100 mL	100 mL
460-17988-J-14			D	100 mL	100 mL
460-17988-K-15			D	100 mL	100 mL
460-17952-E-1			D	100 mL	100 mL
460-17952-E-2			D	100 mL	100 mL
460-17952-E-3			D	100 mL	100 mL
460-17995-M-3			D	100 mL	100 mL
460-17995-J-4			D	100 mL	100 mL
460-17995-J-5			D	100 mL	100 mL
460-17995-M-6			D	100 mL	100 mL
460-17995-M-7			D	100 mL	100 mL
460-17995-M-8			D	100 mL	100 mL
460-17995-M-9			D	100 mL	100 mL
460-17876-G-1	MW-18	FILTRATION, 200.7 Rev 4.4	D	100 mL	100 mL
460-17760-K-11			D	100 mL	100 mL

Filter Lot #: 1015867
Lot # of Nitric Acid: J11045

Metals Worksheet

Batch Number: 460-50757
Method: 200.7
Analyst: Staib, Thomas

Date Open: Oct 01 2010 5:00PM
Batch End: Oct 01 2010 9:00PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00021
MB~460-50757/1		200.7, FILTRATION, 200.7 Rev 4.4		100 mL	100 mL	
LCS~460-50757/2		200.7, FILTRATION, 200.7 Rev 4.4		100 mL	100 mL	2 mL
460-17914-A-6		200.7, FILTRATION, 200.7 Rev 4.4	D	100 mL	100 mL	
460-17914-A-6~DU		200.7, FILTRATION, 200.7 Rev 4.4	D	100 mL	100 mL	
460-17914-A-6~MS		200.7, FILTRATION, 200.7 Rev 4.4	D	100 mL	100 mL	2 mL
460-17752-E-1			D	100 mL	100 mL	
460-17949-F-1			D	100 mL	100 mL	
460-17949-F-2			D	100 mL	100 mL	
460-17845-A-2			D	100 mL	100 mL	
460-17876-G-1-A	MW-18	200.7, FILTRATION, 200.7 Rev 4.4	D	100 mL	100 mL	
460-17900-A-2			D	100 mL	100 mL	
460-17900-A-4			D	100 mL	100 mL	
460-17900-A-6			D	100 mL	100 mL	
460-17900-A-9			D	100 mL	100 mL	
460-17914-A-2			D	100 mL	100 mL	
460-17914-A-4			D	100 mL	100 mL	
460-17914-A-9			D	100 mL	100 mL	
460-18078-E-1			D	100 mL	100 mL	
460-18078-E-2			D	100 mL	100 mL	
460-18078-E-3			D	100 mL	100 mL	
460-18078-E-4			D	100 mL	100 mL	
460-18078-E-5			D	100 mL	100 mL	
460-18078-E-6			D	100 mL	100 mL	

Digestion Tube/Cup Lot #: 1005282
Hot Block ID number: #7
Hood ID or number: #5
Lot # of Nitric Acid: 1:1 HN03 - MPR154
Lot # of hydrochloric acid: H42A18

Oven, Bath or Block Temperature 1: 95 Degrees C
ID number of the thermometer: ICP-3
Pipette ID: #40

Metals Worksheet

Batch Number: 460-50757
Method: 200.7
Analyst: Staib, Thomas

Date Open: Oct 01 2010 5:00PM
Batch End: Oct 01 2010 9:00PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-50757/1		200.7, FILTRATION, 200.7 Rev 4.4		
LCS~460-50757/2		200.7, FILTRATION, 200.7 Rev 4.4		
460-17914-A-6		200.7, FILTRATION, 200.7 Rev 4.4	D	
460-17914-A-6~DU		200.7, FILTRATION, 200.7 Rev 4.4	D	
460-17914-A-6~MS		200.7, FILTRATION, 200.7 Rev 4.4	D	
460-17752-E-1			D	
460-17949-F-1			D	
460-17949-F-2			D	
460-17845-A-2			D	
460-17876-G-1-A	MW-18	200.7, FILTRATION, 200.7 Rev 4.4	D	
460-17900-A-2			D	
460-17900-A-4			D	
460-17900-A-6			D	
460-17900-A-9			D	
460-17914-A-2			D	
460-17914-A-4			D	
460-17914-A-9			D	
460-18078-E-1			D	
460-18078-E-2			D	
460-18078-E-3			D	
460-18078-E-4			D	
460-18078-E-5			D	
460-18078-E-6			D	

Batch Comment: 1:1 HCL - MPR156

Metals Worksheet

Batch Number: 460-50758
Method: 200.7
Analyst: Staib, Thomas

Date Open: Oct 01 2010 5:25PM
Batch End: Oct 01 2010 9:25PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00021
MB~460-50758/1		200.7, 200.7 Rev 4.4		100 mL	100 mL	
LCS~460-50758/2		200.7, 200.7 Rev 4.4		100 mL	100 mL	2 mL
460-17835-D-6		200.7, 200.7 Rev 4.4	R	100 mL	100 mL	
460-17835-D-6~DU		200.7, 200.7 Rev 4.4	R	100 mL	100 mL	
460-17835-D-6~MS		200.7, 200.7 Rev 4.4	R	100 mL	100 mL	2 mL
460-17824-B-6			R	100 mL	100 mL	
460-17835-D-1			R	100 mL	100 mL	
460-17835-D-2			R	100 mL	100 mL	
460-17835-D-3			R	100 mL	100 mL	
460-17835-D-4			R	100 mL	100 mL	
460-17835-D-5			R	100 mL	100 mL	
460-17835-D-7			R	100 mL	100 mL	
460-17835-D-8			R	100 mL	100 mL	
460-17835-D-9			R	100 mL	100 mL	
460-17835-D-10			R	100 mL	100 mL	
460-17850-A-1			R	100 mL	100 mL	
460-17876-H-1	MW-18	200.7, 200.7 Rev 4.4	R	100 mL	100 mL	
460-17878-A-4			R	100 mL	100 mL	
460-17902-B-1			R	100 mL	100 mL	
460-17911-A-1			R	100 mL	100 mL	
460-17911-D-3			R	100 mL	100 mL	
460-17911-D-4			R	100 mL	100 mL	
460-17911-D-7			R	100 mL	100 mL	
460-17911-D-10			R	100 mL	100 mL	

Digestion Tube/Cup Lot #: 1005282
Hot Block ID number: #5
Hood ID or number: #4
Lot # of Nitric Acid: 1:1 HNO3 - MPR154
Lot # of hydrochloric acid: H42A18
Oven, Bath or Block Temperature 1: 95 Degrees C
ID number of the thermometer: ICP-2
Pipette ID: #40

Metals Worksheet

Batch Number: 460-50758
Method: 200.7
Analyst: Staib, Thomas

Date Open: Oct 01 2010 5:25PM
Batch End: Oct 01 2010 9:25PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-50758/1		200.7, 200.7 Rev 4.4		
LCS~460-50758/2		200.7, 200.7 Rev 4.4		
460-17835-D-6		200.7, 200.7 Rev 4.4	R	
460-17835-D-6~DU		200.7, 200.7 Rev 4.4	R	
460-17835-D-6~MS		200.7, 200.7 Rev 4.4	R	
460-17824-B-6			R	
460-17835-D-1			R	
460-17835-D-2			R	
460-17835-D-3			R	
460-17835-D-4			R	
460-17835-D-5			R	
460-17835-D-7			R	
460-17835-D-8			R	
460-17835-D-9			R	
460-17835-D-10			R	
460-17850-A-1			R	
460-17876-H-1	MW-18	200.7, 200.7 Rev 4.4	R	
460-17878-A-4			R	
460-17902-B-1			R	
460-17911-A-1			R	
460-17911-D-3			R	
460-17911-D-4			R	
460-17911-D-7			R	
460-17911-D-10			R	

Batch Comment: 1:1 HCL - MPR156

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
MW-18	460-17876-1

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 460-17876-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
MW-18	460-17876-1

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-18 Lab Sample ID: 460-17876-1

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG ID.:

Matrix: WG Date Sampled: 09/22/2010 13:40

Reporting Basis: WET Date Received: 09/24/2010 14:02

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	23.2	5.0	0.32	mg/L			1	D516-90, 02
14797-55-8	Nitrate as N	0.15	0.10	0.039	mg/L		H	1	SM 4500 NO3 F
14797-65-0	Nitrite as N	0.031	0.10	0.013	mg/L	J	H	1	SM 4500 NO3 F
	Orthophosphate as P	0.013	0.030	0.0058	mg/L	J	H	1	SM 4500 P E
7664-41-7	Ammonia	0.60	0.10	0.034	mg/L			1	4500 NH3 H

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-18 Lab Sample ID: 460-17876-1

Lab Name: TestAmerica Connecticut Job No.: 460-17876-1

SDG ID.:

Matrix: WG Date Sampled: 09/22/2010 13:40

Reporting Basis: WET Date Received: 09/24/2010 14:02

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Nitrogen, Total Kjeldahl	0.97	0.50	0.032	mg/L			1	351.2

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Analyst: MB Batch Start Date: 10/06/2010

Reporting Units: mg/L Analytical Batch No.: 51232

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	14:39	Sulfate	19.42	20.0	97	90-110		WTs-fateSS_00007
2	ICB	14:39	Sulfate	5.0				U	
3	CCV	15:11	Sulfate	20.21	20.0	101	90-110		WTs-fateSS_00007
4	CCB	15:11	Sulfate	5.0				U	
9	CCV	15:13	Sulfate	20.17	20.0	101	90-110		WTs-fateSS_00007
10	CCB	15:13	Sulfate	5.0				U	
21	CCV	15:22	Sulfate	19.97	20.0	100	90-110		WTs-fateSS_00007
22	CCB	15:22	Sulfate	5.0				U	
27	CCV	15:22	Sulfate	20.17	20.0	101	90-110		WTs-fateSS_00007
28	CCB	15:22	Sulfate	5.0				U	
38	CCV	16:32	Sulfate	20.38	20.0	102	90-110		WTs-fateSS_00007
39	CCB	16:32	Sulfate	5.0				U	
42	CCV	16:33	Sulfate	20.05	20.0	100	90-110		WTs-fateSS_00007
43	CCB	16:33	Sulfate	5.0				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Analyst: LE Batch Start Date: 09/29/2010

Reporting Units: mg/L Analytical Batch No.: 50398

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
7	ICV	11:00	Nitrate as N	0.497	0.500	99	90-110		WTno3+2IM2_00075
			Nitrite as N	0.501	0.500	100	90-110		WTno3+2IM2_00075
8	ICB	11:01	Nitrate as N	0.10				U	
			Nitrite as N	0.10				U	
19	CCV	11:18	Nitrate as N	0.490	0.500	98	90-110		WTno3+2IM2_00075
			Nitrite as N	0.522	0.500	104	90-110		WTno3+2IM2_00075
20	CCB	11:19	Nitrate as N	0.10				U	
			Nitrite as N	0.10				U	
29	CCV	11:32	Nitrate as N	0.450	0.500	90	90-110		WTno3+2IM2_00075
			Nitrite as N	0.482	0.500	96	90-110		WTno3+2IM2_00075
30	CCB	11:34	Nitrate as N	0.10				U	
			Nitrite as N	0.10				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Analyst: RK Batch Start Date: 09/29/2010

Reporting Units: mg/L Analytical Batch No.: 50432

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	09:45	Orthophosphate as P	0.207	0.200	104	90-110		WTphosSS1_00011
2	ICB	09:46	Orthophosphate as P	0.030				U	
8	CCV	09:52	Orthophosphate as P	0.207	0.200	104	90-110		WTphosSS1_00011
9	CCB	09:53	Orthophosphate as P	0.030				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Analyst: HV Batch Start Date: 10/08/2010

Reporting Units: mg/L Analytical Batch No.: 51554

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
7	ICV	15:49	Ammonia	2.14	2.00	107	90-110		WTamnSS1_00004
8	ICB	15:51	Ammonia	0.10				U	
53	CCV	17:00	Ammonia	2.06	2.00	103	90-110		WTamnSS1_00004
54	CCB	17:01	Ammonia	0.10				U	
65	CCV	17:19	Ammonia	2.07	2.00	103	90-110		WTamnSS1_00004
66	CCB	17:20	Ammonia	0.10				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 460-17876-1

SDG No.:

Analyst: RN Batch Start Date: 10/11/2010

Reporting Units: mg/L Analytical Batch No.: 43647

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
3	ICV	11:14	Nitrogen, Total Kjeldahl	5.08	5.00	102	85-115		WNH3INT_00023
4	ICB	11:14	Nitrogen, Total Kjeldahl	0.50				U	
5	CCV	11:14	Nitrogen, Total Kjeldahl	5.06	5.00	101	85-115		WNH3INT_00023
6	CCB	11:14	Nitrogen, Total Kjeldahl	0.50				U	
13	CCV	11:21	Nitrogen, Total Kjeldahl	5.09	5.00	102	85-115		WNH3INT_00023
14	CCB	11:21	Nitrogen, Total Kjeldahl	0.50				U	
21	CCV	11:24	Nitrogen, Total Kjeldahl	5.01	5.00	100	85-115		WNH3INT_00023
22	CCB	11:24	Nitrogen, Total Kjeldahl	0.50				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 51554	Date: 10/08/2010 17:08	Prep Batch: 51519	Date: 10/08/2010 14:24				
4500 NH3 H	MB 460-51519/1-A	Ammonia	0.10	U	mg/L	0.10	1
Batch ID: 51232	Date: 10/06/2010 15:11						
D516-90, 02	MB 460-51232/5	Sulfate	5.0	U	mg/L	5.0	1
Batch ID: 50398	Date: 09/29/2010 11:03						
SM 4500 NO3 F	MB 460-50398/9	Nitrate as N	0.10	U	mg/L	0.10	1
SM 4500 NO3 F	MB 460-50398/9	Nitrite as N	0.10	U	mg/L	0.10	1
Batch ID: 50432	Date: 09/29/2010 09:47						
SM 4500 P E	MB 460-50432/3	Orthophosphate as P	0.030	U	mg/L	0.030	1

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 460-17876-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 43647	Date: 10/11/2010 11:14	Prep Batch: 43613	Date: 10/08/2010 14:30				
351.2	MB 220-43613/1-A	Nitrogen, Total Kjeldahl	0.50	U	mg/L	0.50	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 51554	Date: 10/08/2010 17:11		Prep Batch: 51519		Date: 10/08/2010 14:24						
4500 NH3 H	460-18217-F-1 -A	Ammonia	0.22		mg/L						
4500 NH3 H	460-18217-F-1 -A MS	Ammonia	1.24		mg/L	1.00	103	53-130			
Batch ID: 51232	Date: 10/06/2010 16:32										
D516-90 , 02	460-17760-J-3	Sulfate	10.2		mg/L						
D516-90 , 02	460-17760-J-3 MS	Sulfate	23.22		mg/L	20.0	65	59-111			
Batch ID: 50398	Date: 09/29/2010 11:29										
SM 4500 NO3 F	460-17952-E-1	Nitrate as N	0.091	J	mg/L						
SM 4500 NO3 F	460-17952-E-1 MS	Nitrate as N	0.394		mg/L	0.500	61	45-128			
SM 4500 NO3 F	460-17952-E-1	Nitrite as N	0.030	J	mg/L						
SM 4500 NO3 F	460-17952-E-1 MS	Nitrite as N	0.413		mg/L	0.500	77	80-120			F
Batch ID: 50432	Date: 09/29/2010 09:50										
SM 4500 P E	460-17876-1	Orthophosphate as P	0.013	J	mg/L						H
SM 4500 P E	460-17876-1 MS	Orthophosphate as P	0.197		mg/L	0.200	92	80-120			

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 51554	Date: 10/08/2010 17:13		Prep Batch: 51519		Date: 10/08/2010 14:24						
4500 NH3 H	460-18217-F-1 -B MSD	Ammonia	1.23		mg/L	1.00	101	53-130	1	14	
Batch ID: 51232	Date: 10/06/2010 16:32										
D516-90, 02	460-17760-J-3 MSD	Sulfate	18.73		mg/L	20.0	43	59-111	21	12	F
Batch ID: 50398	Date: 09/29/2010 11:31										
SM 4500 NO3 F	460-17952-E-1 MSD	Nitrate as N	0.384		mg/L	0.500	59	45-128	2	10	
SM 4500 NO3 F	460-17952-E-1 MSD	Nitrite as N	0.416		mg/L	0.500	77	80-120	0.9	10	F
Batch ID: 50432	Date: 09/29/2010 09:51										
SM 4500 P E	460-17876-1 MSD	Orthophosphate as P	0.197		mg/L	0.200	92	80-120	0	10	

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

FORM V-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 460-17876-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 43647	Date: 10/11/2010 11:14		Prep Batch: 43613		Date: 10/08/2010 14:30						
351.2	220-13452-E-1 -E	Nitrogen, Total Kjeldahl	0.31	J	mg/L						
351.2	220-13452-E-1 -E MS	Nitrogen, Total Kjeldahl	2.29		mg/L	2.00	99	75-125			

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

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 460-17876-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 43647	Date: 10/11/2010 11:14	Prep Batch: 43613	Date: 10/08/2010 14:30					
351.2		220-13452-E-1-D	Nitrogen, Total Kjeldahl	0.31	mg/L			J
351.2		220-13452-E-1-D DU	Nitrogen, Total Kjeldahl	0.315	mg/L	0.9	20	J

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

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 51554	Date: 10/08/2010 17:10	Prep Batch: 51519	Date: 10/08/2010 14:24								
					LCS Source: WTamnIM1_00018						
4500 NH3 H	LCS 460-51519/2-A	Ammonia	1.05		mg/L	1.00	105	90-110			
Batch ID: 51232	Date: 10/06/2010 15:11										
					LCS Source: WTsfateLCS_00009						
D516-90, 02	LCS 460-51232/6	Sulfate	19.71		mg/L	18.8	105	85-115			
Batch ID: 50398	Date: 09/29/2010 11:04										
					LCS Source: WTntritLCS_00008						
SM 4500 NO3 F	LCS 460-50398/10^4	Nitrite as N	1.82		mg/L	1.92	95	85-115			
Batch ID: 50398	Date: 09/29/2010 11:06										
					LCS Source: WTno3LCS_00003						
SM 4500 NO3 F	LCS 460-50398/11^2	Nitrate as N	2.92		mg/L	3.02	97	85-115			
Batch ID: 50432	Date: 09/29/2010 09:48										
					LCS Source: WTophosLCS_00002						
SM 4500 P E	LCS 460-50432/4	Orthophosphate as P	4.17		mg/L	4.11	101	85-115			

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

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 460-17876-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 43647	Date: 10/11/2010 11:14		Prep Batch: 43613		Date: 10/08/2010 14:30						
					LCS Source: WNUTLCS_00013						
351.2	LCS 220-43613/2-A	Nitrogen, Total Kjeldahl	2.41		mg/L	2.47	97	85-115			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: Konelab1

Analysis Method: D516-90, 02 MDL Date: 01/07/2009 11:49

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfate		5	0.316

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: Konelab1

Analysis Method: D516-90, 02 XMDL Date: 01/07/2009 11:51

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfate		5	0.316

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: Lachat1

Analysis Method: SM 4500 NO3 F MDL Date: 01/05/2009 16:12

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Nitrate as N		0.1	0.039
Nitrite as N		0.1	0.013

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: Lachat1

Analysis Method: SM 4500 NO3 F XMDL Date: 01/05/2009 16:14

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Nitrate as N		0.1	0.039
Nitrite as N		0.1	0.013

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: WetPhosSpec

Analysis Method: SM 4500 P E MDL Date: 01/05/2009 16:27

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Orthophosphate as P		0.03	0.0058

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: WetPhosSpec

Analysis Method: SM 4500 P E XMDL Date: 01/05/2009 16:29

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Orthophosphate as P		0.03	0.0058

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: Lachat2

Analysis Method: 4500 NH3 H MDL Date: 08/06/2010 10:05

Prep Method: SM 4500 NH3 B

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ammonia		0.1	0.034

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: Lachat2

Analysis Method: 4500 NH3 H XMDL Date: 08/06/2010 10:05

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ammonia		0.1	0.034

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: KLAB

Analysis Method: 351.2 MDL Date: 03/29/2010 13:49

Prep Method: 351.2

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Nitrogen, Total Kjeldahl		0.5	0.032

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 460-17876-1

SDG Number:

Matrix: Water Instrument ID: KLAB

Analysis Method: 351.2 XMDL Date: 03/29/2010 13:51

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Nitrogen, Total Kjeldahl		0.5	0.032

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Preparation Method: SM 4500 NH3 B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-51519/1-A	10/08/2010 14:24	51519		50.0	50.0
LCS 460-51519/2-A	10/08/2010 14:24	51519		50.0	50.0
460-18217-F-1-A MS	10/08/2010 14:24	51519		50.0	50.0
460-18217-F-1-B MSD	10/08/2010 14:24	51519		50.0	50.0
460-17876-1	10/08/2010 14:24	51519		50.0	50.0

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 460-17876-1

SDG No.:

Preparation Method: 351.2

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-43613/1-A	10/08/2010 14:30	43613		20	20
LCS 220-43613/2-A	10/08/2010 14:30	43613		20	20
220-13452-E-1-D DU	10/08/2010 14:30	43613		20	20
220-13452-E-1-E MS	10/08/2010 14:30	43613		20	20
460-17876-1	10/08/2010 14:30	43613		20	20

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: Konelab1 Method: D516-90, 02

Start Date: 10/06/2010 14:39 End Date: 10/06/2010 17:04

Lab Sample ID	D/F	Type	Time	Analytes																			
				SO4																			
ICV 460-51232/1	1		14:39	X																			
ICB 460-51232/2	1		14:39	X																			
CCV 460-51232/3	1		15:11	X																			
CCB 460-51232/4	1		15:11	X																			
MB 460-51232/5	1	T	15:11	X																			
LCS 460-51232/6	1	T	15:11	X																			
ZZZZZZ			15:11																				
ZZZZZZ			15:11																				
CCV 460-51232/9	1		15:13	X																			
CCB 460-51232/10	1		15:13	X																			
ZZZZZZ			15:13																				
ZZZZZZ			15:13																				
ZZZZZZ			15:13																				
ZZZZZZ			15:13																				
CCV 460-51232/15			15:15																				
CCB 460-51232/16			15:15																				
ZZZZZZ			15:15																				
ZZZZZZ			15:15																				
ZZZZZZ			15:15																				
ZZZZZZ			15:15																				
CCV 460-51232/21	1		15:22	X																			
CCB 460-51232/22	1		15:22	X																			
ZZZZZZ			15:22																				
460-17876-1	1	T	15:22	X																			
ZZZZZZ			15:22																				
ZZZZZZ			15:22																				
CCV 460-51232/27	1		15:22	X																			
CCB 460-51232/28	1		15:22	X																			
ZZZZZZ			15:23																				
ZZZZZZ			15:23																				
ZZZZZZ			15:23																				
ZZZZZZ			15:23																				
CCV 460-51232/33			15:23																				
CCB 460-51232/34			15:23																				
ZZZZZZ			15:24																				
CCV 460-51232/36			15:25																				
CCB 460-51232/37			15:25																				
CCV 460-51232/38	1		16:32	X																			
CCB 460-51232/39	1		16:32	X																			
460-17760-J-3 MS	1	T	16:32	X																			
460-17760-J-3 MSD	1	T	16:32	X																			
CCV 460-51232/42	1		16:33	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: Konelab1 Method: D516-90, 02

Start Date: 10/06/2010 14:39 End Date: 10/06/2010 17:04

Lab Sample ID	D / F	Type	Time	Analytes																			
				SO4																			
CCB 460-51232/43	1		16:33	X																			
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
CCV 460-51232/47			16:41																				
CCB 460-51232/48			16:41																				
CCV 460-51232/49			17:01																				
CCB 460-51232/50			17:01																				
ZZZZZZ			17:03																				
ZZZZZZ			17:03																				
ZZZZZZ			17:03																				
CCV 460-51232/54			17:04																				
CCB 460-51232/55			17:04																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: Lachat1 Method: SM 4500 NO3 F

Start Date: 09/29/2010 10:50 End Date: 09/29/2010 12:01

Lab Sample ID	D/F	Type	Time	Analytes																				
				N-No2	NO3																			
ZZZZZZ			10:50																					
ZZZZZZ			10:51																					
ZZZZZZ			10:53																					
ZZZZZZ			10:54																					
ZZZZZZ			10:56																					
ZZZZZZ			10:57																					
ICV 460-50398/7	1		11:00	X	X																			
ICB 460-50398/8	1		11:01	X	X																			
MB 460-50398/9	1	T	11:03	X	X																			
LCS 460-50398/10 ^4	4	T	11:04	X																				
LCS 460-50398/11 ^2	2	T	11:06		X																			
ZZZZZZ			11:07																					
ZZZZZZ			11:09																					
ZZZZZZ			11:10																					
ZZZZZZ			11:12																					
ZZZZZZ			11:13																					
ZZZZZZ			11:15																					
ZZZZZZ			11:16																					
CCV 460-50398/19	1		11:18	X	X																			
CCB 460-50398/20	1		11:19	X	X																			
ZZZZZZ			11:20																					
ZZZZZZ			11:22																					
ZZZZZZ			11:23																					
ZZZZZZ			11:25																					
ZZZZZZ			11:26																					
460-17876-1	1	T	11:28	X	X																			
460-17952-E-1 MS	1	T	11:29	X	X																			
460-17952-E-1 MSD	1	T	11:31	X	X																			
CCV 460-50398/29	1		11:32	X	X																			
CCB 460-50398/30	1		11:34	X	X																			
ZZZZZZ			11:35																					
ZZZZZZ			11:37																					
ZZZZZZ			11:38																					
ZZZZZZ			11:39																					
ZZZZZZ			11:41																					
ZZZZZZ			11:42																					
ZZZZZZ			11:44																					
ZZZZZZ			11:45																					
ZZZZZZ			11:47																					
ZZZZZZ			11:48																					
CCV 460-50398/41			11:50																					
CCB 460-50398/42			11:51																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: Lachat1 Method: SM 4500 NO3 F

Start Date: 09/29/2010 10:50 End Date: 09/29/2010 12:01

Lab Sample ID	D / F	Type	Time	Analytes																			
				N-No2	NO3																		
ZZZZZZ			11:53																				
ZZZZZZ			11:54																				
ZZZZZZ			11:55																				
ZZZZZZ			11:57																				
ZZZZZZ			11:58																				
CCV 460-50398/48			12:00																				
CCB 460-50398/49			12:01																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: WetPhosSpec Method: SM 4500 P E

Start Date: 09/29/2010 09:45 End Date: 09/29/2010 09:53

Lab Sample ID	D / F	Type	Time	Analytes																			
				Orthop																			
ICV 460-50432/1	1		09:45	X																			
ICB 460-50432/2	1		09:46	X																			
MB 460-50432/3	1	T	09:47	X																			
LCS 460-50432/4	20	T	09:48	X																			
460-17876-1	1	T	09:49	X																			
460-17876-1 MS	1	T	09:50	X																			
460-17876-1 MSD	1	T	09:51	X																			
CCV 460-50432/8	1		09:52	X																			
CCB 460-50432/9	1		09:53	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-17876-1

SDG No.:

Instrument ID: Lachat2 Method: 4500 NH3 H

Start Date: 10/08/2010 15:40 End Date: 10/08/2010 17:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				NH3																			
ICV 460-51554/7	1		15:49	X																			
ICB 460-51554/8	1		15:51	X																			
CCV 460-51554/53	1		17:00	X																			
CCB 460-51554/54	1		17:01	X																			
MB 460-51519/1-A	1	T	17:08	X																			
LCS 460-51519/2-A	1	T	17:10	X																			
460-18217-F-1-A MS	1	T	17:11	X																			
460-18217-F-1-B MSD	1	T	17:13	X																			
460-17876-1	1	T	17:16	X																			
CCV 460-51554/65	1		17:19	X																			
CCB 460-51554/66	1		17:20	X																			

Prep Types

T = Total/NA

Y = ASTM

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 460-17876-1

SDG No.:

Instrument ID: KLAB Method: 351.2

Start Date: 10/11/2010 11:14 End Date: 10/11/2010 11:24

Lab Sample ID	D / F	Type	Time	Analytes																				
				TKN																				
ZZZZZZ			11:14																					
ZZZZZZ			11:14																					
ICV 220-43647/3	1		11:14	X																				
ICB 220-43647/4	1		11:14	X																				
CCV 220-43647/5	1		11:14	X																				
CCB 220-43647/6	1		11:14	X																				
MB 220-43613/1-A	1	T	11:14	X																				
LCS 220-43613/2-A	1	T	11:14	X																				
ZZZZZZ			11:14																					
220-13452-E-1-D DU	1	T	11:14	X																				
220-13452-E-1-E MS	1	T	11:14	X																				
ZZZZZZ			11:14																					
CCV 220-43647/13	1		11:21	X																				
CCB 220-43647/14	1		11:21	X																				
ZZZZZZ			11:21																					
460-17876-1	1	T	11:21	X																				
ZZZZZZ			11:21																					
ZZZZZZ			11:21																					
ZZZZZZ			11:21																					
ZZZZZZ			11:21																					
CCV 220-43647/21	1		11:24	X																				
CCB 220-43647/22	1		11:24	X																				

Prep Types

T = Total/NA

General Chemistry Worksheet

Batch Number: 220-43613
Method: 351.2
Analyst: Natoli, Richard A

Date Open: Oct 08 2010 2:30PM
Batch End: Oct 08 2010 5:00PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	WNH3INT_00024	WNUTLCS_00013
MB~220-43613/1		351.2, 351.2		20 mL	20 mL		
LCS~220-43613/2		351.2, 351.2		20 mL	20 mL		20 mL
220-13452-E-1			T	20 mL	20 mL		
220-13452-E-1~DU		351.2, 351.2	T	20 mL	20 mL		
220-13452-E-1~MS		351.2, 351.2	T	20 mL	20 mL	1 mL	
220-13452-E-2			T	20 mL	20 mL		
220-13453-D-1			T	20 mL	20 mL		
460-17876-D-1	MW-18	351.2, 351.2	T	20 mL	20 mL		
220-13460-G-1			T	20 mL	20 mL		
220-13460-G-2			T	20 mL	20 mL		
220-13460-G-3			T	20 mL	20 mL		
220-13460-G-4			T	20 mL	20 mL		

Digestion Solution Used: wtkndigsln00020

General Chemistry Worksheet

Batch Number: 220-43647
Method: 351.2
Analyst: Natoli, Richard A

Date Open: Oct 11 2010 11:14AM
Batch End: Oct 11 2010 11:25AM

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	VCLPIC_00001	WNH3INT_00023
ITKCCV-5.0				5 mL	# %	
ITKCCB-0.0				5 mL		
ICV~220-43647/3		351.2		5 mL		2.5 mL
ICB~220-43647/4		351.2		5 mL		
CCV~220-43647/5		351.2		5 mL		2.5 mL
CCB~220-43647/6		351.2		5 mL		
MB~220-43613/1-A		351.2		5 mL		
LCS~220-43613/2-A		351.2		5 mL		
220-13452-E-1-C			T	5 mL		
220-13452-E-1-D~DU		351.2	T	5 mL		
220-13452-E-1-E~MS		351.2	T	5 mL		
220-13452-E-2-E			T	5 mL		
CCV~220-43647/13		351.2		5 mL	# %	2.5 mL
CCB~220-43647/14		351.2		5 mL		
220-13453-D-1-C			T	5 mL		
460-17876-D-1-A	MW-18	351.2	T	5 mL		
220-13460-G-1-C			T	5 mL		
220-13460-G-2-C			T	5 mL		
220-13460-G-3-C			T	5 mL		
220-13460-G-4-C			T	5 mL		
CCV~220-43647/21		351.2		5 mL	# %	2.5 mL
CCB~220-43647/22		351.2		5 mL		

Buffer Reagent ID Number: wtknbuf00007
Salicylate Nitroprusside Reagent ID: wtknsalnit00015

General Chemistry Worksheet

Batch Number: 460-44923
Method: SM 4500 P E
Analyst: Kamenetskaya, Raisa

Date Open: Aug 04 2010 10:00AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	Calculation Message	WTophosLCS_00002	WTphosSP1_00012	WTphosSS1_00011
IC~460-44923/1		SM 4500 P E		50 mL	OK			
IC~460-44923/2		SM 4500 P E		50 mL	OK		0.03 mL	
IC~460-44923/3		SM 4500 P E		50 mL	OK		0.05 mL	
IC~460-44923/4		SM 4500 P E		50 mL	OK		0.1 mL	
IC~460-44923/5		SM 4500 P E		50 mL	OK		0.2 mL	
IC~460-44923/6		SM 4500 P E		50 mL	OK		0.5 mL	
ICV~460-44923/7				50 mL	OK			0.2 mL
ICB~460-44923/8				50 mL	OK			
MB~460-44923/9				50 mL	OK			
LCS~460-44923/10				50 mL	OK	2.5 mL		
460-15865-E-2			T	50 mL	OK			
460-15865-E-1			T	50 mL	OK			
460-15865-E-1~MS			T	50 mL	OK		0.2 mL	
460-15865-E-1~MSD			T	50 mL	OK		0.2 mL	
460-15865-E-3			T	50 mL	OK			
460-15865-E-4			T	50 mL	OK			
460-15865-E-5			T	50 mL	OK			
460-15051-A-6			T	50 mL	OK			
CCV~460-44923/19				50 mL	OK			0.2 mL
CCB~460-44923/20				50 mL	OK			
460-15051-A-6			T	50 mL	OK			
CCV~460-44923/22				50 mL	OK			0.2 mL
CCB~460-44923/23				50 mL	OK			

Perform Calculation (0=No, 1=Yes): 1
Ascorbic Acid Reagent ID Number: B 1558-10 exp 8/11/10
Potassium Antimonyl Tartrate Reagent ID: B 1526-10 exp 11/2/10
Ammonium Molybdate Reagent ID Number: B 1451-10 exp 10/9/10
Sulfuric Acid Reagent ID Number: 5N H2SO4 B 1559-10 exp 3/4/2011

General Chemistry Worksheet

Batch Number: 460-44923
Method: SM 4500 P E
Analyst: Kamenetskaya, Raisa

Date Open: Aug 04 2010 10:00AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
IC~460-44923/1		SM 4500 P E		
IC~460-44923/2		SM 4500 P E		
IC~460-44923/3		SM 4500 P E		
IC~460-44923/4		SM 4500 P E		
IC~460-44923/5		SM 4500 P E		
IC~460-44923/6		SM 4500 P E		
ICV~460-44923/7				
ICB~460-44923/8				
MB~460-44923/9				
LCS~460-44923/10				
460-15865-E-2			T	
460-15865-E-1			T	
460-15865-E-1~MS			T	
460-15865-E-1~MSD			T	
460-15865-E-3			T	
460-15865-E-4			T	
460-15865-E-5			T	
460-15051-A-6			T	
CCV~460-44923/19				
CCB~460-44923/20				
460-15051-A-6			T	
CCV~460-44923/22				
CCB~460-44923/23				

Batch Comment: Cal.curve A (46089-46045)10 exp 3/5/2011

General Chemistry Worksheet

Batch Number: 460-50398
Method: SM 4500 NO3 F
Analyst: Earomirski, Laura

Date Open: Sep 29 2010 10:50AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WTno3+2IM1_00066	WTno3+2IM2_00075	WTno3LCS_00003	WTntritLCS_00008
2.0/1.0								
1.5/0.75								
1.0/0.5								
0.5/0.25								
0.1/0.05								
0.0/0.0								
ICV~460-50398/7		SM 4500 NO3 F		100 mL		5.0 mL		
ICB~460-50398/8		SM 4500 NO3 F						
MB~460-50398/9		SM 4500 NO3 F						
LCS~460-50398/10~^4		SM 4500 NO3 F		10 mL				2.5 mL
LCS~460-50398/11~^2		SM 4500 NO3 F		5 mL			2.5 mL	
460-17952-E-1			T					
460-17952-E-2			T					
460-17952-E-3			T					
460-17988-I-11			T					
460-17988-I-12			T					
460-17988-I-13			T					
460-17988-H-14			T					
CCV~460-50398/19		SM 4500 NO3 F		100 mL		5.0 mL		
CCB~460-50398/20		SM 4500 NO3 F						
460-17988-L-15			T					
460-17988-H-7			T					
460-17988-I-8			T					
460-17988-H-9			T					
460-17988-I-10			T					

General Chemistry Worksheet

Batch Number: 460-50398
Method: SM 4500 NO3 F
Analyst: Earomirski, Laura

Date Open: Sep 29 2010 10:50AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WTno3+2IM1_00066	WTno3+2IM2_00075	WTno3LCS_00003	WTntritLCS_00008
460-17876-F-1	MW-18	SM 4500 NO3 F	T					
460-17952-E-1~MS		SM 4500 NO3 F	T	50 mL	2.5 mL			
460-17952-E-1~MSD		SM 4500 NO3 F	T	50 mL	2.5 mL			
CCV~460-50398/29		SM 4500 NO3 F		100 mL		5.0 mL		
CCB~460-50398/30		SM 4500 NO3 F						
MB~460-50398/31								
LCS~460-50398/32~^4				10 mL				2.5 mL
LCS~460-50398/33~^2				5 mL			2.5 mL	
460-17995-J-1			T					
460-17995-J-2			T					
460-17995-J-3			T					
460-17995-J-4			T					
460-17995-J-5			T					
460-17995-J-6			T					
460-17995-J-7			T					
CCV~460-50398/41				100 mL		5.0 mL		
CCB~460-50398/42								
460-17995-J-8			T					
460-17995-J-9			T					
460-17995-J-1~^2			T					
460-17995-J-7~MS			T	50 mL	2.5 mL			
460-17995-J-7~MSD			T	50 mL	2.5 mL			
CCV~460-50398/48				100 mL		5.0 mL		
CCB~460-50398/49								

Buffer Solution ID: C-6455-10 exp: 3/17/11
Color Reagent ID Number: C-6450-10 exp: 10/16/10

General Chemistry Worksheet

Batch Number: 460-50398
Method: SM 4500 NO3 F
Analyst: Earomirski, Laura

Date Open: Sep 29 2010 10:50AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
2.0/1.0				
1.5/0.75				
1.0/0.5				
0.5/0.25				
0.1/0.05				
0.0/0.0				
ICV~460-50398/7		SM 4500 NO3 F		
ICB~460-50398/8		SM 4500 NO3 F		
MB~460-50398/9		SM 4500 NO3 F		
LCS~460-50398/10~^4		SM 4500 NO3 F		
LCS~460-50398/11~^2		SM 4500 NO3 F		
460-17952-E-1			T	
460-17952-E-2			T	
460-17952-E-3			T	
460-17988-I-11			T	
460-17988-I-12			T	
460-17988-I-13			T	
460-17988-H-14			T	
CCV~460-50398/19		SM 4500 NO3 F		
CCB~460-50398/20		SM 4500 NO3 F		
460-17988-L-15			T	
460-17988-H-7			T	
460-17988-I-8			T	
460-17988-H-9			T	
460-17988-I-10			T	

General Chemistry Worksheet

Batch Number: 460-50398
Method: SM 4500 NO3 F
Analyst: Earomirski, Laura

Date Open: Sep 29 2010 10:50AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
460-17876-F-1	MW-18	SM 4500 NO3 F	T	
460-17952-E-1~MS		SM 4500 NO3 F	T	
460-17952-E-1~MSD		SM 4500 NO3 F	T	
CCV~460-50398/29		SM 4500 NO3 F		
CCB~460-50398/30		SM 4500 NO3 F		
MB~460-50398/31				
LCS~460-50398/32~^4				
LCS~460-50398/33~^2				
460-17995-J-1			T	Over calibration curve for nitrate and combined NO3+NO2, see rerun on dilution
460-17995-J-2			T	
460-17995-J-3			T	
460-17995-J-4			T	
460-17995-J-5			T	
460-17995-J-6			T	
460-17995-J-7			T	
CCV~460-50398/41				
CCB~460-50398/42				
460-17995-J-8			T	
460-17995-J-9			T	
460-17995-J-1~^2			T	
460-17995-J-7~MS			T	
460-17995-J-7~MSD			T	
CCV~460-50398/48				
CCB~460-50398/49				

Batch Comment:

Curve: A (47386-47391) 10 exp: 9/29/10

General Chemistry Worksheet

Batch Number: 460-50432
Method: SM 4500 P E
Analyst: Kamenetskaya, Raisa

Date Open: Sep 29 2010 9:45AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	Calculation Message	WTophosLCS_00002	WTphosSP1_00012	WTphosSS1_00011
ICV~460-50432/1		SM 4500 P E		50 mL	OK			0.2 mL
ICB~460-50432/2		SM 4500 P E		50 mL	OK			
MB~460-50432/3		SM 4500 P E		50 mL	OK			
LCS~460-50432/4		SM 4500 P E		50 mL	OK	2.5 mL		
460-17876-G-1	MW-18	SM 4500 P E	T	50 mL	OK			
460-17876-G-1~MS	MW-18	SM 4500 P E	T	50 mL	OK		0.2 mL	
460-17876-G-1~MSD	MW-18	SM 4500 P E	T	50 mL	OK		0.2 mL	
CCV~460-50432/8		SM 4500 P E		50 mL	OK			0.2 mL
CCB~460-50432/9		SM 4500 P E		50 mL	OK			

Perform Calculation (0=No, 1=Yes): 1
Ascorbic Acid Reagent ID Number: B 1616-10 exp 10/6/10
Potassium Antimonyl Tartrate Reagent ID: B 1526-10 exp 1/2/11
Ammonium Molybdate Reagent ID Number: B 1575-10 exp 2/19/11
Sulfuric Acid Reagent ID Number: 5N H2SO4 B 1597-10 exp 3/1/11

General Chemistry Worksheet

Batch Number: 460-50432
Method: SM 4500 P E
Analyst: Kamenetskaya, Raisa

Date Open: Sep 29 2010 9:45AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
ICV~460-50432/1		SM 4500 P E		
ICB~460-50432/2		SM 4500 P E		
MB~460-50432/3		SM 4500 P E		
LCS~460-50432/4		SM 4500 P E		
460-17876-G-1	MW-18	SM 4500 P E	T	
460-17876-G-1~MS	MW-18	SM 4500 P E	T	
460-17876-G-1~MSD	MW-18	SM 4500 P E	T	
CCV~460-50432/8		SM 4500 P E		
CCB~460-50432/9		SM 4500 P E		

Batch Comment: For cal.inf see batch 44923 exp 2/4/11

General Chemistry Worksheet

Batch Number: 460-51232
Method: D516-90, 02
Analyst: Cabanganan, Maria

Date Open: Oct 06 2010 2:39PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WTs-fateSP_00006	WTs-fateSS_00007	WTsfateLCS_00009
ICV~460-51232/1		D516-90, 02		50 mL		1 mL	
ICB~460-51232/2		D516-90, 02					
CCV~460-51232/3		D516-90, 02		50 mL		1 mL	
CCB~460-51232/4		D516-90, 02					
MB~460-51232/5		D516-90, 02					
LCS~460-51232/6		D516-90, 02		50 mL			50 mL
460-17760-J-1			T				
460-17760-J-2			T				
CCV~460-51232/9		D516-90, 02		50 mL		1 mL	
CCB~460-51232/10		D516-90, 02					
460-17760-J-3			T				
460-17760-J-4			T				
460-17760-J-5			T				
460-17760-J-6			T				
CCV~460-51232/15				50 mL		1 mL	
CCB~460-51232/16							
460-17760-J-7			T				
460-17760-J-8			T				
460-17760-J-9			T				
460-17760-I-10			T				
CCV~460-51232/21		D516-90, 02		50 mL		1 mL	
CCB~460-51232/22		D516-90, 02					
460-17760-J-11			T				
460-17876-G-1	MW-18	D516-90, 02	T				
460-17959-K-1			T				

General Chemistry Worksheet

Batch Number: 460-51232
Method: D516-90, 02
Analyst: Cabanganan, Maria

Date Open: Oct 06 2010 2:39PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WTs-fateSP_00006	WTs-fateSS_00007	WTsfateLCS_00009
460-17960-I-2			T				
CCV~460-51232/27		D516-90, 02		50 mL		1 mL	
CCB~460-51232/28		D516-90, 02					
460-17961-I-2			T				
460-17962-I-2			T				
460-17963-AA-1			T				
460-17964-K-1			T				
CCV~460-51232/33				50 mL		1 mL	
CCB~460-51232/34							
460-17965-J-2			T				
CCV~460-51232/36				50 mL		1 mL	
CCB~460-51232/37							
CCV~460-51232/38		D516-90, 02		50 mL		1 mL	
CCB~460-51232/39		D516-90, 02					
460-17760-J-3~MS		D516-90, 02	T	50 mL	1 mL		
460-17760-J-3~MSD		D516-90, 02	T	50 mL	1 mL		
CCV~460-51232/42		D516-90, 02		50 mL		1 mL	
CCB~460-51232/43		D516-90, 02					
460-17760-J-5			T				
460-17760-J-6			T				
460-17760-J-11			T				
CCV~460-51232/47				50 mL		1 mL	
CCB~460-51232/48							
CCV~460-51232/49				50 mL		1 mL	
CCB~460-51232/50							

General Chemistry Worksheet

Batch Number: 460-51232
Method: D516-90, 02
Analyst: Cabanganan, Maria

Date Open: Oct 06 2010 2:39PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WTs-fateSP_00006	WTs-fateSS_00007	WTsfateLCS_00009
460-17760-J-5			T				
460-17760-J-6			T				
460-17760-J-11			T				
CCV~460-51232/54				50 mL		1 mL	
CCB~460-51232/55							

Conditioning Reagent ID:

Precipitate Solution: C-6500-10 exp. 04/06/11

General Chemistry Worksheet

Batch Number: 460-51232
Method: D516-90, 02
Analyst: Cabanganan, Maria

Date Open: Oct 06 2010 2:39PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
ICV~460-51232/1		D516-90, 02		
ICB~460-51232/2		D516-90, 02		
CCV~460-51232/3		D516-90, 02		
CCB~460-51232/4		D516-90, 02		
MB~460-51232/5		D516-90, 02		
LCS~460-51232/6		D516-90, 02		
460-17760-J-1			T	
460-17760-J-2			T	
CCV~460-51232/9		D516-90, 02		
CCB~460-51232/10		D516-90, 02		
460-17760-J-3			T	
460-17760-J-4			T	
460-17760-J-5			T	over the calibration curve
460-17760-J-6			T	over the calibration curve
CCV~460-51232/15				
CCB~460-51232/16				
460-17760-J-7			T	
460-17760-J-8			T	
460-17760-J-9			T	
460-17760-I-10			T	
CCV~460-51232/21		D516-90, 02		
CCB~460-51232/22		D516-90, 02		
460-17760-J-11			T	
460-17876-G-1	MW-18	D516-90, 02	T	
460-17959-K-1			T	

General Chemistry Worksheet

Batch Number: 460-51232
Method: D516-90, 02
Analyst: Cabanganan, Maria

Date Open: Oct 06 2010 2:39PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Comments Analysis comment
460-17960-I-2			T	
CCV~460-51232/27		D516-90, 02		
CCB~460-51232/28		D516-90, 02		
460-17961-I-2			T	
460-17962-I-2			T	
460-17963-AA-1			T	
460-17964-K-1			T	
CCV~460-51232/33				
CCB~460-51232/34				
460-17965-J-2			T	
CCV~460-51232/36				
CCB~460-51232/37				
CCV~460-51232/38		D516-90, 02		
CCB~460-51232/39		D516-90, 02		
460-17760-J-3~MS		D516-90, 02	T	
460-17760-J-3~MSD		D516-90, 02	T	
CCV~460-51232/42		D516-90, 02		
CCB~460-51232/43		D516-90, 02		
460-17760-J-5			T	for confirmation
460-17760-J-6			T	over the calibration cruve
460-17760-J-11			T	for confirmation
CCV~460-51232/47				
CCB~460-51232/48				
CCV~460-51232/49				
CCB~460-51232/50				

General Chemistry Worksheet

Batch Number: 460-51232
Method: D516-90, 02
Analyst: Cabanganan, Maria

Date Open: Oct 06 2010 2:39PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
460-17760-J-5			T	
460-17760-J-6			T	
460-17760-J-11			T	
CCV~460-51232/54				
CCB~460-51232/55				

Batch Comment: Cal. curve: B(01799-01805)10 exp. 11/16/10

General Chemistry Worksheet

Batch Number: 460-51519
Method: SM 4500 NH3 B
Analyst: Afremova, Izabella

Date Open: Oct 08 2010 2:24PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Final pH	WTamnIM1_00018
MB~460-51519/1		SM 4500 NH3 B, 4500 NH3 H		50.0 mL	50.0 mL	ph=9.5 SU	
LCS~460-51519/2		SM 4500 NH3 B, 4500 NH3 H		50.0 mL	50.0 mL	ph=9.5 SU	0.5 mL
460-18217-F-1~MS		SM 4500 NH3 B, 4500 NH3 H	T	50.0 mL	50.0 mL	ph=9.5 SU	0.5 mL
460-18217-F-1~MSD		SM 4500 NH3 B, 4500 NH3 H	T	50.0 mL	50.0 mL	ph=9.5 SU	0.5 mL
460-18217-F-1			T	50.0 mL	50.0 mL	ph=9.5 SU	
460-17876-E-1	MW-18	SM 4500 NH3 B, 4500 NH3 H	T	50.0 mL	50.0 mL	ph=9.5 SU	
460-17817-H-3			T	50.0 mL	50.0 mL	ph=9.5 SU	
460-17817-G-12			T	50.0 mL	50.0 mL	ph=9.5 SU	
460-17950-B-1-B			Y	50.0 mL	50.0 mL	ph=9.5 SU	
460-17950-F-2-B			Y	50.0 mL	50.0 mL	ph=9.5 SU	
460-17950-F-3-A			Y	50.0 mL	50.0 mL	ph=9.5 SU	
460-17950-E-4-A			Y	50.0 mL	50.0 mL	ph=9.5 SU	
460-17956-B-7-B			Y	50.0 mL	50.0 mL	ph=9.5 SU	
LB~460-51096/1-A				50.0 mL	50.0 mL	ph=9.5 SU	

NaOH Lot #: # 094500
Buffer Reagent ID Number: # C - 6444-10 exp. 03/15/11
Distillation Start Time: 1:45 pm
Distillation End Time: 3:10 pm
Distillation Temperature: 210
Sulfuric Acid Reagent ID Number: # C - 6370-10 exp. 02/19/11
Acid used for pH adjustment: # B - 1455-10 exp. 10/14/10
Base used for pH adjustment: # C - 6155-10 exp. 12/02/10
Sulfuric Acid Lot Number: # J04F08

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) John Matod	Samplers Name (Printed) Matt McCoog	Site/Project Identification McCandless
Company Resource Control Consultants	P. O. #	State (Location of site): NJ: X NY: Other:
		Regulatory Program: USDCP
Address 1274 N Church ST	Analysis Turnaround Time: Standard X	
City Moorestown State NJ	Rush Chrages Authorized For: 2 Week / 1 Week / Other	
Phone 856 273 1009 Fax 856 273 1012		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOA 8260	BN 8270	PCBs 8082	Fe, Total	Dissolved Fe	TKN / Ammonia	orthophosphate	Se / Cobalt	Ni, Hardness / Nitrate			Sample Numbers
MW-18	9-22-10	1340	GW	13	X	X	X	X	X	X	X	X	X			#1

LAB USE ONLY
Project No:
Job No: 460-17876

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions ~~Call for analysis~~

Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)		RCC	9-22-10 800		
2)			9/24/10 1015		
3)		Test A	9/24/10 12pm	K. Ciallella	Test America
4)	K. Ciallella	Test America	9/24/10 2pm	C Hall	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

C/S 398872 2.8°C #40

10/12/2010

TestAmerica Edison
Sample pH Receipt Log

Job No. 17876

Sample No.	Ammonia (pH<2)	COD (pH<2)	Metals (pH<2)	Nitrate Nitrite (pH<2)	O & G (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
1	<2		<2							<2				

Initials: G.V.

Date: 9/24/10

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

10/8

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Capaci, Jamie	Carrier Tracking No(s):	COC No: 460-3623.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jamie.capaci@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Analysis Requested		Job #: 460-17876-1
Address: 128 Long Hill Cross Road,	Due Date Requested: 10/6/2010			Preservation Codes:
City: Shelton	TAT Requested (days):			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
State, Zip: CT, 06484				
Phone: 203-929-8140(Tel) 203-929-8142(Fax)	PO #:			Other:
Email:	WO #:			
Project Name: McCandless	Project #: 46006440			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	351.2/351.2_Prep Nitrogen, Total Kjeldahl	Total Number of containers	Special Instructions/Note:
			Preservation Code:					
MW-18 (460-17876-1)	9/22/10	13:40 Eastern		Water		X	1	

Page 531 of 533

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	9/27/10 1900	TA Edison	[signature]	9/28/10 950	TA O
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4°C, 0.8°C, 0.6°C gun3	passed rad screen

OCT 2010

Login Sample Receipt Check List

Client: Delta Consultants

Job Number: 460-17876-1

Login Number: 17876

List Source: TestAmerica Edison

Creator: Hall, Alonzo

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	398872
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	2.8°C
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Login Sample Receipt Check List

Client: Delta Consultants

Job Number: 460-17876-1

Login Number: 17876
Creator: Teixeira, Maria L
List Number: 1

List Source: TestAmerica Connecticut
List Creation: 09/28/10 04:31 PM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	9/28/10
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	GUN#32.4C/0.8C/0.6C
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	